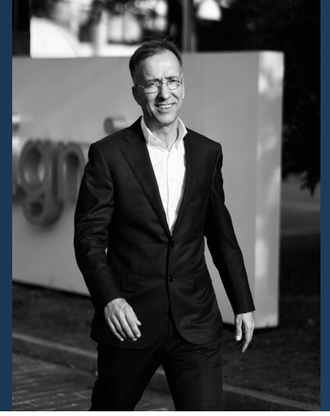
PHILIPS

January 2022

Philips OEM LED Catalogue Asia

“I am very proud to present our latest innovations on Connectivity and Health and Wellbeing.”



Dear Customer,

We proudly present our latest update of the Asia LED Electronics, LED Lamps and WiZ Pro catalogue! Our innovations will help you as OEM to address the key trends in the Lighting Industry with state-of-the-art components. The relevant trends in the Lighting Industry that we see are: a continued increased focus on health and wellbeing, a growing interest in the possibilities of wireless connected Lighting as well as improving productivity on the production lines of OEMs.

To start with the third trend: we introduce our unique new range of Low Voltage (LV) IP67 Outdoor Drivers with NFC current setting. Compared to the existing generation of LV Outdoor Drivers, the new generation of LV drivers with NFC current setting will reduce time and efforts needed to set the right current by at least 80%! This will enable OEMs to be more cost effective in assembly of luminaires.

To further enhance the offerings for Health and wellbeing, we are extending the possibilities with Cyan Enhanced Dynamic Linear Modules, Tunable White Point Modules and LEDFlex with Continuous Light (as opposed to dotted light). The health benefits are all described in the Modules sections in this catalogue. The high-end look-and-feel of the LEDFlex C combined with the endless flexibility of the applications, will open a new world of applications.

Finally, as Wireless connectivity is the future, we are introducing apps, updated sensors for MasterConnect, extending the WiZ Pro portfolio as well as adding Wireless MasterConnect drivers to the portfolio.

In case you have any questions, or need any support for design-in: we have a capable team of young and qualified Design-In engineers, working from Shanghai, who are ready and happy to help you solving any technical challenge, to get the best out of our innovations for the end-user.

Bob van der Linden
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Learn more at
www.lighting.philips.com.sg/oem-asia

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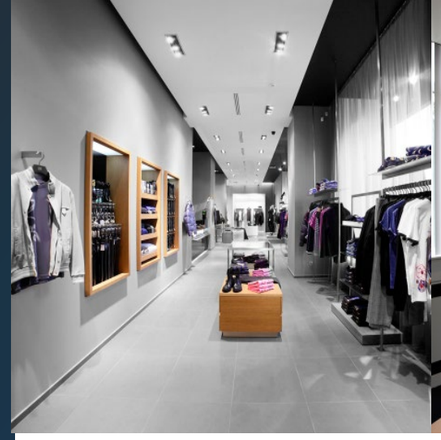
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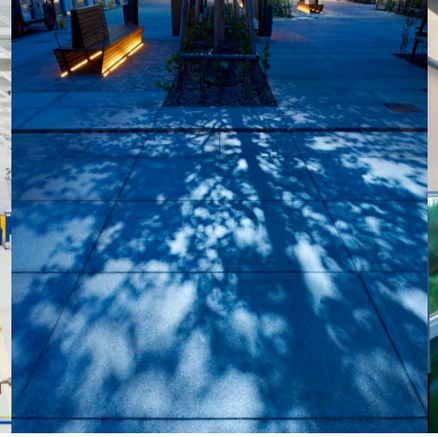
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For Retail Display Lighting (RDL), please click here.

Our OEM technology




We are responsible for the development of new light sources, drivers and controls for the new-build luminaire market.

We have been focusing on this market for over three decades and have a solid track record of technology leadership, combined with excellent application knowledge and market understanding. Prime activities include designing, developing, manufacturing and selling light sources, drivers, LED light engines and controls to luminaire manufacturers for incorporation into new luminaires. There is a wide, varied product portfolio available, ranging from fluorescent, HID, halogen lamps and drivers to LED downlight, spotlight, linear and outdoor LED light engines.

Retail

Fashion and food retailers, department stores and shopping malls use every means they can to appeal to their target audiences.

This includes careful consideration of the lighting, whereby image, company identity and an appealing atmosphere play a key role in the choice of lighting design. Depending on the application, different elements come in to play, such as energy efficiency, color rendering ability, the correct color temperature, whiteness, color saturation or dynamic lighting. For all of these specific needs, we can offer a variety of LED light engines and a complementary range of electronic drivers for retail lighting, from downlights, spotlights to linear fixtures, each with their own, unique proposition and features designed around specific retail lighting applications.

Office

The office segment has been dominated for many years by linear lighting solutions.

This segment, which also includes areas such as education and hospitals, has always maintained a strong drive towards energy saving. Legislation and building regulations have driven the standards on light quality, luminance and energy efficiency in a working environment, and this has also highlighted the role of lighting controls. We address this market segment with a full, state-of-the-art, highly efficient LED linear module and drivers portfolio, in a building block format, as well as a luminaire-based and stand-alone controls range.

Industry

The industry segment covers an extensive range of applications such as warehouses, production areas, cold storage, food processing and parking areas.

This segment is moving strongly towards energy efficiency and lower maintenance while enabling high-quality, uniform lighting for optimum visual performance and visual comfort that contributes to a more efficient and productive workplace. Our module and driver portfolio enables cost-effective and reliable systems for extreme application conditions, delivering ultimate light quality and comfort. Used with controls, our lighting solutions provide illumination only when and where it is needed for increased energy efficiency.

Outdoor

Outdoor lighting encompasses a vast range of applications, including motorways, highways, residential areas, city centers, sports and tunnel lighting.

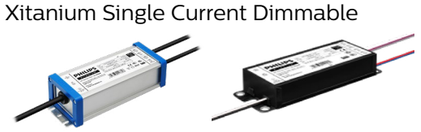
All have their particular lighting needs and requirements. The outdoor market is transforming fast from HID light sources to LED and is also a forerunner in lighting control management systems. Here we have a diverse product portfolio available for luminaire manufacturers with a choice of several LED module families and a vast range of Xitanium outdoor drivers, with a focus on robustness, reliability, configurability and connectivity.

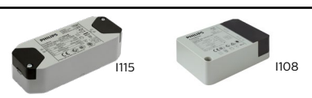
Hospitality

Within hospitality lighting, energy savings (sustainability), quality of light and creating an optimal guest experience are of great importance.

Within this segment, many different lighting technologies are used in various application areas. Examples are reception and lobby, corridors, guest rooms, bars, restaurants, conference centers and even outdoor areas. Whether it's replacing a halogen or fluorescent light source with a retrofit LED lamp or fully refurbishing relevant hotel areas with (controllable) LED luminaires, we have the technology components to realize this. We offer luminaire manufacturers a wide range of LED products, such as spotlighting and downlighting systems. Our linear and outdoor systems are also used in the hospitality segment.

LED Drivers **Portfolio**

	Outdoor Drivers	Industrial Drivers	Industrial Modules
S **Statement** Connected and programmable	Xitanium Sensor Ready  C133 C150 C170 S240 Xitanium Full Programmable  S175 S240 C123 C133 C170		
P **Performance** Connected and programmable	Xitanium Lite Programmable  S175 S240 C123 C133 C170 C240 		
C **Core** Performance and reliability	Xitanium Adjustable Output Current 	Xitanium Round High Bay 	
E **Entry** Foundation	Xitanium Single Current Non-dimmable  Xitanium Single Current Dimmable 	Xitanium Single Current High Bay Dimmable 	

Point Drivers	Linear Drivers	Constant Voltage Drivers
Xitanium Programmable  I200 B97 I124	Xitanium & Xitanium iXt SR  L280 L360 Xitanium & Xitanium iXt Programmable  L280 L360 L215	Xitanium Dali 
Xitanium Adjustable Output Current (WH Family)  I200 Xitanium Adjustable Output Current (Mini Family)  B97 Xitanium Adjustable Output Current (Track Family) 	Xitanium & Xitanium iXt Adjustable Output Current, Fixed Output  L280 L360 Xitanium Adjustable Output Current 1-10V  L280 L360 L424	Xitanium Dimmable 1-10V 
Xitanium Single Current (Mini Family)  B97 Xitanium Single Current  I115 I108 Xitanium Track Adaptor Driver  Xitanium Single Current TE  B100 I108	Xitanium Single Current  L210 L250 L280 Xitanium Single Current Panel Driver Fixed Output & 1-10V  L143 L115 L195	Xitanium non-Dimmable  Xitanium non-Dimmable IP67 
Certa Single Current  I115 I108 CertaDrive LPF  I115 I88 CertaDrive Mini Family 	CertaDrive Single Current  L168 L280 CertaDrive Panel Driver  L125	CertaDrive  Economic 

LED Modules **Portfolio**

	Outdoor Modules	Industrial Modules	Linear Modules
P **Performance** Performance and reliability	Fortimo FastFlex Gen5 HE  Fortimo FastFlex Gen5  Fortimo FastFlex IP 	Fortimo High Bay HE  Fortimo High Bay 	Fortimo LED Strip  Fortimo LED Line  Fortimo LED Square Fortimo LED Panel
E **Entry** Foundation	CertaFlux FastFlex IP66 		CertaFlux LED Strip  CertaFlux LED Panel

Spotlight Modules	Downlight Modules	LED Flex
Fortimo SLM Premium Color Gen7/ Fortimo SLM Premium White Gen7/ Fortimo SLM Gen7  1216 1211 1208 1205 1204 1203 1202 Fortimo SLM HD Gen7+  1204 1202 Fortimo SLM Food Gen7  12011 1208 1205	Fortimo DLM EaseSelect Gen2 Fortimo DLM Flex Gen2 	Fortimo LEDFlex Gen1 
CertaFlux SLM Gen2  1208 1205 1204 1203 1202 1201	CertaFlux DLM Slim  4 inch 6 inch 8 inch	CertaFlux LEDFlex Gen1 

Connectivity & Functionality

Feel the potential of connected lighting

“Get connected today”

saving energy and costs

Connected lighting solutions are steadily emerging to be the value pillar within the lighting industry. In order to further boost the smart lighting era within the professional setup, we have launched wireless lighting components that work with the Philips field app MC. This wireless lighting system works in a stand-alone mode (without a gateway) to enable completely automated lighting for users. It is designed to be simple and quick to setup and has been successfully validated by a wide installer base.

Our connected solution offers widespread scalability starting from room-based simple dimming to luminaire-based granular dimming; all the way to advanced use cases such as scheduling or cloud-based benefits via the gateway. A connected network composed of Xitanium wireless drivers, EasyAir SNS210 or EasyAir SNS410 enable applications in schools, healthcare facilities, offices, shops, assembly areas or warehouses. Now you can easily enable any use case by setting up these lighting components via the Philips field app MC.

The uniqueness of our connected proposition is that all its products operate over open standards, resulting in a choice of component supplier(s) to all OEMs. This is a great benefit as it helps drive the industry towards lower costs, while ensuring sustainability for the end user. This means that without changing any components, newer components (built on the same open protocols) can be added to the lighting plan at a later moment in time.

Our connected solution delivers on the promise of being simple, scalable and standardized. Go stand-alone, get connected now!

Benefits of our connected solution

For the OEM/installer:

- simple and quick setup of lights
- single app for different applications: office, retail and industry
- access sharing and transfer of project data
- choice of in-field configuration to suit lighting requirements of any space
- cost-effective components.

For the end-user:

- adapt lighting setup at any time
- comfortable automated lighting experience
- energy reporting on phone
- variety of switches to suit local needs and project look and feel
- secure system
- future-proof and peace of mind: stand-alone system can be upgraded to gateway.

Connectivity

The EasyAir sensors have a single-box, luminaire-mounting format, powered by Xitanium SR via a two-wire connection, to save time and costs when integrating them into your luminaires. The last generation EasyAir SNS200/SNS300/SNH200 sensors feature presence and daylight sensing together with advanced grouping. They are intended to be used across all office and industry applications, such as open-plan offices, meeting rooms, warehouses and assembly areas.

The next generation wireless sensors that work with BLE (Bluetooth Low Energy) technology and can be setup using Philips field app MC, are available on both iOS and Android platforms. The office sensor EasyAir SNS210 MC not only brings energy savings, but also enables human-centric lighting with color tuning and color scene recall. A gateway from one of the trusted partners can be added via the app to support the circadian rhythm.

The EasyAir sensors enable simple and valuable smart lighting use cases in a cost-effective way.

Simplify your lighting, add more comfort, be future-proof. Get connected now!

Sensors and Wireless node

Product specification

	Product name	Housing (volume inside luminaire)	Key features	Req. luminaire hole	Occupancy technology	Detection area	Full light dim level	Operating Ambient temperature	Order code
	EasyAir SNS210/b MC	**50x19x31.5 (50x19x24)**	**Advanced grouping, energy reporting, Over the Air upgrade, Human centric lighting**	**44x17**	**Passive IR**	**At 3m - 3.6x3.4 (minor movement); At 2.4m - 2.9x2.7 (minor movement)**	**1-100%**	**0-55**	**929002137206**
	EasyAir SNS210/w MC	**50x19x31.5 (50x19x24)**	**Advanced grouping, energy reporting, Over the Air upgrade, Human centric lighting**	**44x17**	**Passive IR**	**At 3m - 3.6x3.4 (minor movement); At 2.4m - 2.9x2.7 (minor movement)**	**1-100%**	**0-55**	**929001496406**
	EasyAir SNS210/g MC	**50x19x31.5 (50x19x24)**	**Advanced grouping, energy reporting, Over the Air upgrade, Human centric lighting**	**44x17**	**Passive IR**	**At 3m - 3.6x3.4 (minor movement); At 2.4m - 2.9x2.7 (minor movement)**	**1-100%**	**0-55**	**929002138906**
new	**EasyAir SNS410 MC**	**50x19x31.5**	**No sensing, radio only node, advanced grouping, over the air upgrade, human centric lighting**	**44x17**	**n.a**	**n.a**	**1-100%**	**0-65**	**929002137006**
new	**EasyAir Occupancy Daylight ZGP sensor MC**	**Mounted externally**	**External, battery powered, Zigbee Green Power sensor; works with MC wireless drivers or SNS410. Enables occupancy and daylight sensing**	**Not applicable**	**Passive IR**	**At 2.5m - 7.2mx5.4m (major movement); 5.4mx3.6m (minor movement)**	**1-100%**	**-5...45**	**929002146106**
new	**EasyAir Occupancy ZGP sensor MC**	**Mounted externally**	**External, battery powered, Zigbee Green Power sensor; works with MC wireless drivers or SNS410. Enables occupancy sensing only**	**Not applicable**	**Passive IR**	**At 2.5m - 7.2mx5.4m (major movement); 5.4mx3.6m (minor movement)**	**1-100%**	**-5...45**	**929002146006**



EasyAir SNS210 MC



EasyAir SNS410 MC



EasyAir room-based sensors MC

Accessories

Product specification

	Product name	Description	Product code
			12NC
new	**EasyAir 2B switch**	**Wireless switch based on energy harvesting: can be used with products that work with Philips field app MC or EasyAir SNS200 for switching or dimming**	**929002821906**
new	**EasyAir 4B switch**	**Wireless switch based on energy harvesting: can be used with products that work with Philips field app MC or EasyAir SNS200 for switching, dimming or scene control**	**929002821806**
	IR Dongle v2.0	Infrared device to commission EasyAir SNS200 and EasyAir SNH200	929001678906
	SMB-50/w	Surface mount bracket - white colour	929002813706
	SMB-50/g	Surface mount bracket - grey colour	929003417206
	SMB-50/b	Surface mount bracket - black colour	929002137306
	CMP/w	Ceiling mount plate for EasyAir office sensors for remote mounting	929002137106



SMB



CMP

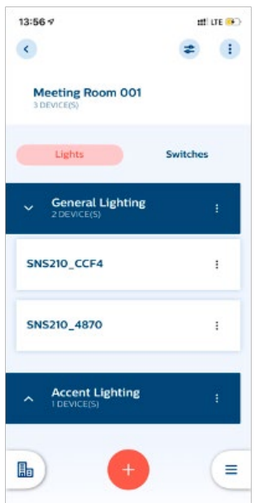


EasyAir switches

Apps

A new version of "Philips field app MC" is now commercially available in Google Play Store and Apple App Store. This is used by installer for configuration and commissioning.

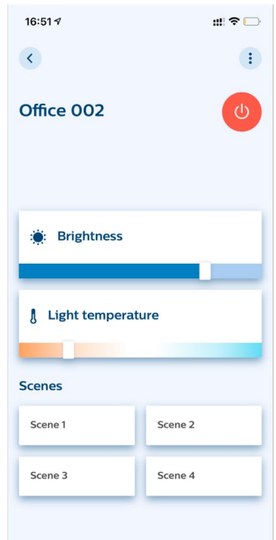
Functions and features:
- Creation of projects
- Creation of groups
- Adding lights via SNS210 or wireless drivers
- Adding ZGP sensors and switches
- Definition of zones for further flexibility
- Configuration group, zone or luminaire level
- Project backup in the cloud
- Access sharing by generating QR code



Philips field apps MC (installer app)

The end user control "Philips MC control app" is a new app which is available both in Google Play Store and Apple App Store.

Function and features:
- Switching on/off of zones or groups
- Dimming zones or groups
- CCT Tunning for zones or groups
- Using of scenes to access certain pre-settings
- Using a list view to easily access rooms used past
- Phone & Tablet optimized



Philips MC control app (end user)

Wireless Bridge Box

The wireless bridge box has different types of analog voltage output interface, which can be connected with the drive power supply with suitable interface. By adjusting the output voltage/signal of the interface and adjusting the power of the drive power, lighting dimming can be achieved. At the same time, this equipment has the switch control function, can cut the loop's ac power supply. Those devices can use Zigbee to communicate with gateway, dimmer panel, gateway APP and other intelligent terminal devices to realize local and remote control.
The wireless LCD control panel, wall touch panel and controller are the devices which use Zigbee to control the brdige box by wirelss way. It's a super easy way to apply wireless control system in light world.

Features
- Zigbee protocol compliance, intelligent linkage with other Zigbee products
- Zigbee protocol compliacne (ZHA)

Benefits
- Wireless access without control wires
- Achieve local control and remote control in one systems

Applications
- Office
- Classroom
- Hotel
- Home



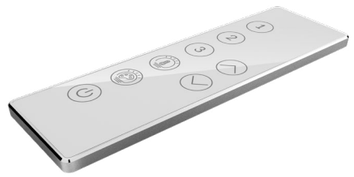
L88



L89



L86



L140

Product specifications

Product type	Color	Housing	Protocol	Features	Dimensions	Order Code
					mm	
Wireless Phase-cut Bridge Box	Dark gray	I88	Zigbee	Phase cut dim	88x41x28	929001461162
Wireless 1-10V Bridge Box	Dark gray	I88	Zigbee	1-10V dim	88x41x28	929001461462
Wireless Tunable White Bridge Box	Dark gray	I88	Zigbee	Tunable White dim	88x41x28	929001469980
Wireless RGBW Bridge Box	Dark gray	I88	Zigbee	RGBW dim	88x41x28	929001470080
Wireless Wall Touch Panel	White	I88	Zigbee	Wall Switch control	86x86x9	929001460962
Wireless Controller	White	I140	Zigbee	Remote control	140x43x10	929001461062
Wireless LCD Control Panel	White	I89	Zigbee	LCD panel control	89x89x12	929001470180



CREATE A WELCOMING SPACE

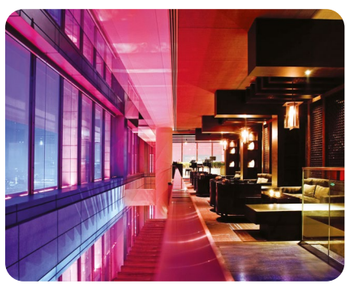
Ambience creation – turning any application into a warm and inviting environment for guests clients and home owners has become one of the key features that businesses look for in a connected lighting package. Now all this and more is available in one affordable turnkey solution – WiZ Pro.

Transform your own lighting into connected fixtures with WiZ Pro, drivers and bridge boxes or choose between a wide range of lamps to market under your own brand. Opt for reliable everyday connectivity that caters to the needs of all stakeholders with the WiZ platform.

Other important connected light features:

- Easy local and remote control of your lights
- Various light scenes to fit your application
- Automate lights for better energy efficiency



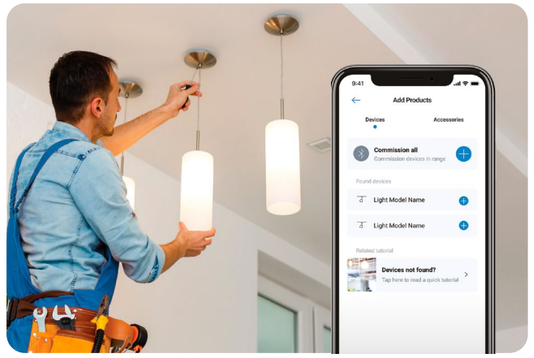




BUILT FOR SMALL AND MEDIUM PROJECTS

20-200 light points

High-end residential | Multi-residential | Restaurant | Hospitality | Shop



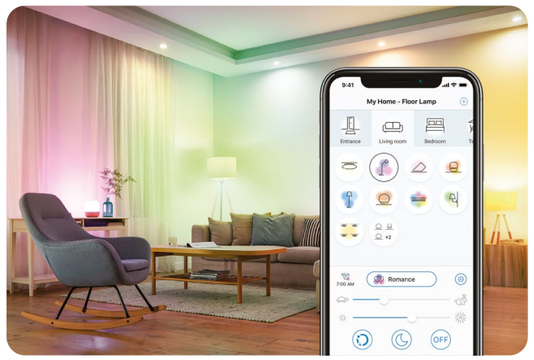
EASY COMMISSIONING

Complicated wiring is now a thing of the past. Save time with the WiZ Pro Setup app (available H1 2022) for direct effortless and wireless commissioning, even when on-site Wi-Fi is not installed yet.



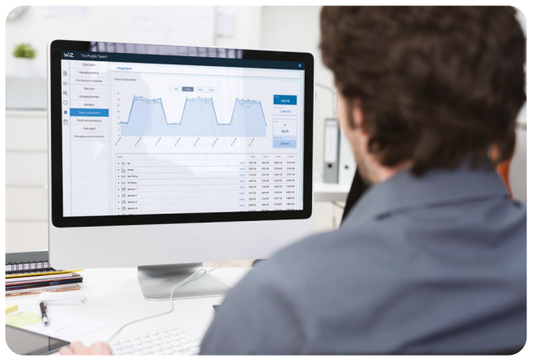
LOCAL WIRELESS CONTROL

Once you have the lights up and running, anyone can enjoy simple control via local accessories such as WiZ smart switches, remotes and sensors.



APP CONTROL

Once the lighting installation is connected to Wi-Fi, end users can control the lights from anywhere with the WiZ app. Customize your lighting to fit your application or choose between a variety of pre-designed light modes for a rich experience.



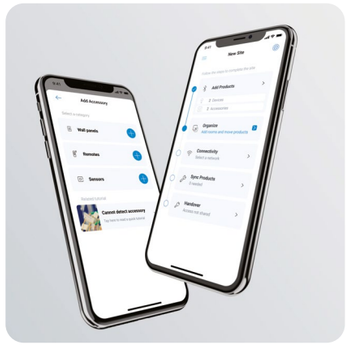
ADVANCED FACILITIES MANAGEMENT

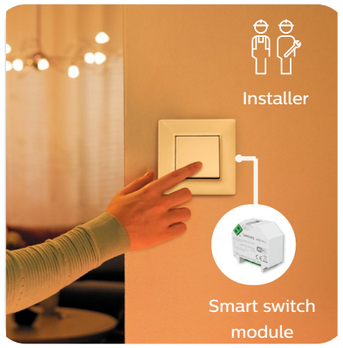
WiZ Pro Dashboard goes even further by allowing (multiple) lighting installation(s) control and remote site management. Get actionable light insights and monitoring with a clear overview of the entire installation, once it's connected to Wi-Fi.

WIRELESS INSTALLATION AND LOCAL CONTROL

WiZ PRO SETUP APP

WiZ Pro is plug-and-play, so basic set up is easy with the WiZ Pro Setup app through wireless direct commissioning, no gateway or Wi-Fi needed. Follow the step-by-step instructions on screen: add your products, decide which rooms you want them to be in and perform tests to make sure they work before you hand it over. Wireless accessories ensure easy, local control for everyday connectivity.





ENJOY FULL CONTROL WITH CLOUD CONNECTIVITY

WiZ APP

Be a lighting designer, mix and match light modes or enjoy pre-defined Scenes to create the perfect ambience — to enhance the shopping experience or to entertain clients and friends when they come and visit. Discover the special human-centric lighting feature — Circadian Rhythm — which offers a smooth transition from cool white early in the cycle to warm white later on.



WiZ PRO DASHBOARD

Get the full picture and visualize where your lights actually are on within a space once you upload the area's floor plan. Set and supervise the status of your lights and devices in any and all the locations you're managing. Each light's usage will be reported, including their remaining lifespan for predictive maintenance.



CREATE YOUR OWN WELCOMING SPACE. GET IN TOUCH WITH US TODAY.

WiZ Pro is an innovative new way to turn your OEM lighting products into smart solutions that create warm and comfortable ambiences. To know more about WiZ Pro, go to wizconnected.com/pro or contact your local Signify representative.

BRING YOUR PRODUCTS ONTO THE WiZ PLATFORM

Choose from a wide range of WiZ Pro, drivers, lamps and luminaires. If you want your own WiZ products, our team will work with you to create a ready-made solution. More WiZ hardware products will be coming soon.





DRIVERS

Product name	12NC	Housing mm	Dimming range %	Output power range W	Output current A	Output voltage range V	Life time h
Xitanium 44W 0.7-1.05A 42V WiZ DM 230V	929002890006	108x68x32	10-100	21-44	0.7/0.8/0.9/1.05	30-42dc	50000
Xitanium 44W 0.7-1.05A 42V WiZ TW 230V	929002890106	108x68x32	10-100	21-44	0.7/0.8/0.9/1.05	30-42dc	50000



BRIDGE BOXES

Product name	12NC	Housing mm	Dimming range %	Dimming	Input voltage V	No. of output channel	Life time h
WiZ Pro Phase-cut Bridge Box I 220-240V	929002613409	87.5x41x28	10-100%	Trailing-Edge	220-240ac	1CH	50000
WiZ Pro 1-10V Bridge Box I 220-240V	929002613509	87.5x41x28	1-10.5V	1-10V	220-240ac	1CH	50000
WiZ Pro DW Bridge Box I 12-24V	929002499409	87.5x41x28	5-100%	PWM	12-24dc	1CH	50000
WiZ Pro TW Bridge Box I 12-24V	929002499509	87.5x41x28	5-100%	PWM	12-24dc	2CH	50000
WiZ Pro RGBTW Bridge Box I 12-24V	929002613309	87.5x41x28	5-100%	PWM	12-24dc	5CH	50000

*WiZ Pro software suite release date, hardware product specs, form factors and launch dates are subject to change.

Outdoor Drivers

Portfolio

Outdoor Drivers	Dimming		Features and Performances		
	Dali Dim	1-10V Dim	SimpleSet	Adjustable Output Current	Housing/Installation
Connectable Programmable Adjustable Output Current	Yes	No	Yes	Yes	IP67/Built-in
Programmable Adjustable Output Current	No	Yes	Yes	Yes	IP67/Built-in
Adjustable Output Current	No	Yes	No	No	IP67/IP65
Single current	No	Yes	No	No	IP67/Built-in

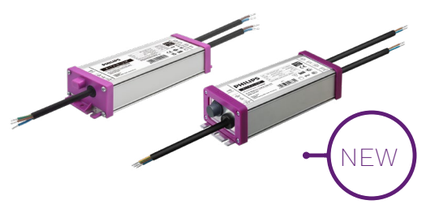


Driver New Products

Coming soon!

Xitanium WideLine Lite Programmable IP67 Outdoor LED Drivers 40/65/100/150/200/250/320W

See page 29





The WideLine Lite Programmable IP67 family is an upgraded portfolio with the purpose to provide more stable and reliable outdoor drivers to OEM customers and end-users. The products can withstand input voltage 100-277Vac and ensure 100% performance from 202-254Vac.

Xitanium WideLine Low Voltage Adjustable Output Current Drivers 65/100/150/200/250W

See page 32





Xitanium WideLine Low Voltage Adjustable Output Current Drivers are specifically designed for maximum flexibility and reliability in low voltage outdoor applications. It is an ideal solution for OEMs that need reliable, adjustable output in a rugged independent form factor.

Xitanium LED drivers – SR

Our Philips Xtreme Sensor Ready (SR) drivers are ideal for use with sensors applied in outdoor and industrial management systems. With its dual integrated power supplies it is easy to power sensors and wireless modules directly from the driver. The driver also features integrated energy metering related to these management systems from the SR Certified partner program. This program with key management and sensor vendors ensures that certified sensors and controllers work seamlessly with the Xitanium SR driver.

Features

- Integrated 24VDC auxiliary power supply with DALI interface
- Integrated with DALI part 251,252 and 253
- High surge immunity and 100,000 hours lifetime

Benefits

- No need extra power supply for sensor, for cost saving and system reliability
- Supports real time energy management and enables predictive maintenance
- Reliable and robust design, offers peace of mind and lower maintenance cost



C133



C150



C170



S240

Product specification

Product name	Product code	Housing	Output current range	Output voltage range	Surge protection CM/DM	Dimming range	Efficiency @ 100% load	Lifetime @ Tc life	Diagnostics via SR interface	DALI power supply via SR interface max power 0.5W	24V power supply 3W average power	Energy metering accuracy	D4i
	12NC		mA	V	kV	%	%	hrs				%	
Xi SR 22W 0.2-0.7A SNEMP 230V C133 sXt	929002178806	C133	200-700	16-48	8/6	100-10	85	100,000	√	√	√	1	Yes
Xi SR 22W 0.3-1.0A SNEMP 230V C133 sXt	929002178906	C133	300-1050	8-32	8/6	100-10	85	100,000	√	√	√	1	Yes
Xi SR 40W 0.2-0.7A SNEMP 230V C133 sXt	929002179006	C133	200-700	25-77	8/6	100-10	86	100,000	√	√	√	1	Yes
Xi SR 40W 0.3-1.0A SNEMP 230V C133 sXt	929002179106	C133	300-1050	20-54	8/6	100-10	86	100,000	√	√	√	1	Yes
Xi SR 75W 0.2-0.7A SNEMP 230V C150 sXt	929002808406	C150	200-700	50-150	10/6	100-10	92	100,000	√	√	√	1	Yes
Xi SR 75W 0.3-1.0A SNEMP 230V C150 sXt	929002808506	C150	300-1050	35-108	10/6	100-10	92	100,000	√	√	√	1	Yes
Xi SR 110W 0.2-0.7A SNEMP 230V C150 sXt	929002808606	C150	200-700	70-220	10/6	100-10	93	100,000	√	√	√	1	Yes
Xi SR 110W 0.3-1.0A SNEMP 230V C150 sXt	929002808706	C150	300-1050	50-160	10/6	100-10	93	100,000	√	√	√	1	Yes
Xi SR 165W 0.2-0.7A SNEMP 230V C170 sXt	929001663106	C170	200-700	100-300	10/6	100-10	93	100,000	√	√	√	1	Yes
Xi SR 165W 0.3-1.0A SNEMP 230V C170 sXt	929001663206	C170	300-1050	80-235	10/6	100-10	93	100,000	√	√	√	1	Yes
Xi SR 75W 0.2-0.7A SNEMP 230V S240 sXt	929002171906	S240	200-700	50-150	8/6	100-10	92	100,000	√	√	√	1	Yes
Xi SR 75W 0.3-1.0A SNEMP 230V S240 sXt	929002172006	S240	300-1050	20-100	8/6	100-10	91	100,000	√	√	√	1	Yes
Xi SR 75W 0.3-1.0A SNEMP 230V S240 sXt	929002172106	S240	200-700	90-283	8/6	100-10	90	100,000	√	√	√	1	Yes
Xi SR 150W 0.3-1.0A SNEMP 230V S240 sXt	929002172206	S240	300-1050	70-214	8/6	100-10	90	100,000	√	√	√	1	Yes

Xitanium LED drivers – Full Programmable

Our Xitanium programmable Xtreme LED drivers with global input voltage (UL, ENEC) are designed to deliver configurability, high performance and reliability. The portfolio offers both central and standard-alone dimming protocols to further increase energy-saving. The Xtreme technology ensures maximum robustness and protection with a very long lifetime.

Features

- Multiple control interface: DALI, 1-10V, (Prog+: also AmpDim)
- SimpleSet to enable programmable features such as Adjustable thermal protection for driver (DTL) and LED module (MTP)
- Global mains

Benefits

- Add more configuration possibilities and design freedom to customers
- Easy to design-in, configure and install for Class I and Class II application
- Reliable to withstand anywhere around the world



J-can



R-can



F-can

Product specifications

Product type	Product code	Housing	Output current range	Min Current	Output voltage range	Output power	Class	Surge protection CM/DM	Efficiency range, max load	Inrush current peak (230V)	Inrush current width to 50%	Power factor, 100% load	Tc life	DALI	1-10V	Dyna Dimmer	Module temp. protection
	12NC		mA	mA	V	W	I/II	kV	%	A	µs		°C				
Xitanium 40W 0.7A Prog+ GL-J sXt	929000708803	J-can	350-700	50	29-57	3-40	I/II	4/4	88	65	100	0.97	74	√	√	√	√
Xitanium 75W 0.35-0.7A Prog+ GL-F sXt	929000702302	F-can	350-700	50	80-152	6-75	I	3/3	90	108	140	0.97	70	√	√	√	√
Xitanium 75W 0.1 – 1.05A Prog+ sXt	929000708903	F-can	350-1050	100	36-75	6-75	I	4/4	90	100	160	0.97	70	√	√	√	√
Xitanium 100W 0.70A Prog+ GL-Z sXt	929000708703	Z-can	350-700	100	71-143	10-100	I/II	4/4	92	80	150	0.97	75	√	√	√	√
Xitanium 150W 0.35-0.7A GL Prog sXt	929000702202	F-can	350-700	50	125-280	15-150	I	3/3	91	108	140	0.97	70	√	√	√	√
Xitanium 150W 0.1-1.05A GL Prog sXt	929000709003	F-can	350-1050	100	70-148	15-150	I/II	4/4	92	110	150	0.97	70	√	√	√	√
Xitanium 300W 0.35-1.5A Prog+ GL-R sXt	929000712703	R-can	350-1500	100	80-280	21-300	I/II	4/4	93	170	220	0.98	64	√	√	√	√

Input voltage range 120-277 Vac
Lifetime @ Tc life, 90% survivals 100,000 hrs

Xitanium LED drivers - Full Programmable

Our Xitanium Full Programmable (FP) drivers are designed to deliver ultimate configuration possibility, the highest performance and reliability. The portfolio offers both central and stand-alone remote dimming protocols to further energy-saving and CO2 reductions achieved with LED lighting. The proven Xtreme technology ensures maximum robustness and protection for a very long lifetime.

Features

- Offers simple step-dim system via DALI, LineSwitch or AmpDim
- SimpleSet to enable programmable features such as Adjustable thermal protection for driver (DTL) and LED module (MTP)
- 10/6kV & 50,000 hours lifetime

Benefits

- Add more configuration possibilities and design freedom to customers
- Easy to design-in, configure and install for Class I and Class II application

- Reliable and robust design, offers peace of mind and lower maintenance cost


S175


S240


C123


C133


C170


C240

Product specification

Product name	Product code	Housing	Output current range	Min current	Output voltage range	Output power	Surge protection CM/DM	Efficiency @ 100% load	Inrush current peak	Inrush current width	Tc life	Simple Set	DALI 2	Line Switch	Dyna Dimmer	Module temp. protection	Driver temp. limit	Mains-Guard	OEM Write. Protection
	12NC		mA	mA	V	W	kV	%	A	µs	°C								
Xi FP 22W 0.2-0.7A SNLDAE 230V S175 sXt	929002172306	S175	200-700	53	16-48	1-22	10/6	86	15	295	75	√	√	√	√	√		√	√
Xi FP 22W 0.3-1.0A SNLDAE 230V S175 sXt	929002172406	S175	300-1050	70	8-32	1-22	10/6	86	15	295	75	√	√	√	√	√		√	√
Xi FP 40W 0.2-0.7A SNLDAE 230V S175 sXt	929002128306	S175	200-700	53	25-77	2-40	10/6	90	21	225	75	√	√	√	√	√		√	√
Xi FP 40W 0.3-1.0A SNLDAE 230V S175 sXt	929002172506	S175	300-1050	70	20-54	2-40	10/6	90	21	225	75	√	√	√	√	√		√	√
Xi FP 75W 0.2-0.7A SNLDAE 230V S240 sXt	929002128406	S240	200-700	53	50-150	3-75	10/6	92	46	250	75	√	√	√	√	√	√	√	√
Xi FP 75W 0.3-1.0A SNLDAE 230V S240 sXt	929002128506	S240	300-1050	70	20-100	4-75	10/6	92	46	245	75	√	√	√	√	√	√	√	√
Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt	929002128606	S240	200-700	53	90-283	11-150	10/6	93	53	300	75	√	√	√	√	√	√	√	
Xi FP 150W 0.3-1.0A SNLDAE 230V S240 sXt	929002128706	S240	300-1050	70	70-214	11-150	10/6	93	53	300	75	√	√	√	√	√	√	√	√
Xi FP 22W 0.2-0.7A SNLDAE 230V C123 sXt	929002165006	C123	200-700	53	16-48	1-22	10/6	86	15	360	75	√	√	√	√	√	√	√	√
Xi FP 22W 0.3-1.0A SNLDAE 230V C123 sXt	929002165106	C123	300-1050	70	8-32	1-22	10/6	86	15	360	75	√	√	√	√	√	√	√	√
Xi FP 40W 0.2-0.7A SNLDAE 230V C123 sXt	929002165206	C123	200-700	53	25-77	4-40	10/6	90	21	300	75	√	√	√	√	√	√	√	√
Xi FP 40W 0.3-1.0A SNLDAE 230V C123 sXt	929002165306	C123	300-1050	70	20-54	4-40	10/6	90	21	300	75	√	√	√	√	√	√	√	√
NEW **Xi FP 75W 0.2-0.7A SNLDAE 230V C133 sXt**	**929002872806**	**C133**	**200-700**	**50**	**50-150**	**2.5-75**	**10/6**	**92**	**43**	**260**	**70**	√	√	√	√	√	√	√	√
NEW **Xi FP 75W 0.3-1.0A SNLDAE 230V C133 sXt**	**929002872906**	**C133**	**300-1050**	**70**	**30-108**	**2.5-75**	**10/6**	**92**	**43**	**260**	**70**	√	√	√	√	√	√	√	√
NEW **Xi FP 75W 0.5-1.5A SNLDAE 230V C133 sXt**	**929002873006**	**C133**	**500-1500**	**100**	**25-71**	**2.5-75**	**10/6**	**91**	**43**	**260**	**70**	√	√	√	√	√	√	√	√
NEW **Xi FP 110W 0.2-0.7A SNLDAE 230V C133 sXt**	**929002873106**	**C133**	**200-700**	**50**	**70-220**	**4-110**	**10/6**	**93**	**47**	**250**	**75**	√	√	√	√	√	√	√	√
NEW Xi FP 110W 0.3-1.0A SNLDAE 230V C133 sXt	**929002873206**	**C133**	**300-1050**	**70**	**50-160**	**4-110**	**10/6**	**92**	**47**	**250**	**75**	√	√	√	√	√	√	√	√
Xi FP 100W 0.2-0.7A SNLDAE 230V C165 sXt	929001650006	C165	200-700	50	50-150	3-100	10/6	92	45	285	75	√	√	√	√	√	√	√	
Xi FP 165W 0.2-0.7A SNLDAE 230V C170 sXt	929000976206	C170	200-700	70	100-300	10-165	10/6	93	58	340	80	√	√	√	√	√	√	√	√
Xi FP 165W 0.3-1.0A SNLDAE 230V C170 sXt	929000976306	C170	300-1050	70	80-235	10-165	10/6	93	58	340	80	√	√	√	√	√	√	√	√
Xi FP 330W 2:0.2-0.75A SNDAE 230V C240 sXt	929002114806	C240	200-750 (x2)	50	100-300	5-165	10/6	93	19	300	75	√	√	√	√	√	√	√	√

Input voltage range 220-240 Vac
Lifetime @ Tc life, 90% survivals 100,000 hrs

Xitanium LED drivers - Lite Programmable

Our Xitanium lite programmable Xtreme LED drivers are designed to deliver a carefully selected feature set and high end performance, making them a preferred choice for many outdoor applications. The portfolio offers high flexibility with a customizable operating window, enabling differentiation in LED lighting designs via system tuning and compatibility with LED efficacy upgrades. Configuration of programmable drivers has never been easier with the integrated SimpleSet feature, a fast and wireless way to change and read out settings.

Features

- Versatile feature se via Simple Sett: such as adjustable output current, dimming curve selection and constant light output etc.
- 10/6kV & 50,000 hours lifetime

Benefits

- Provides more application possibilities to end users and helps OEMs to reduce number of SKUs
- Ultimate robustness, offering peace of mind and lower maintenance costs


S175


S240

Product specification

Product name	Product code	Housing	Output current range	Output voltage range	Output power	Surge protection CM/DM	Dimming range	Efficiency at 100% load	Inrush current peak	Inrush current width to 50%	Power factor, 100% load	Tc life	Simple-Set	1-10V	DynaD-immer (5-step)	Driver temp. limit	MainsGuard
	12NC		mA	V	W	kV	%	%	A	µs		°C					
Xi LP 40W 0.2-0.7A S1 230V S175 sXt	929000930706	S175	200-700	23-77	2-40	10/6	100-10	89	16	240	0.98	70	√	√	√		√
Xi LP 40W 0.3-1.0A S1 230V S175 sXt	929000940806	S175	300-1050	20-54	2-40	10/6	100-10	89	16	240	0.98	70	√	√	√		√
Xi LP 75W 0.2-0.7A S1 230V S240 sXt	929000963206	S240	200-700	50-150	4-75	10/6	100-10	92	46	245	0.98	75	√	√	√	√	√
Xi LP 75W 0.3-1.0A S1 230V S240 sXt	929000963306	S240	300-1050	35-108	4-75	10/6	100-10	92	46	245	0.98	75	√	√	√	√	√
Xi LP 150W 0.2-0.7A S1 230V S240 sXt	929000962806	S240	200-700	90-283	7-150	10/6	100-10	93	53	300	0.98	75	√	√	√	√	√
Xi LP 150W 0.3-1.0A S1 230V S240 sXt	929000962906	S240	300-1050	70-214	7-150	10/6	100-10	93	53	300	0.98	75	√	√	√	√	√
Xi LP 150W 0.5-1.5A S1 230V S240 sXt	929001553806	S240	500-1500	50-142	7-150	10/6	100-10	92	53	300	0.99	80	√	√	√	√	√

Input voltage range 220-240 Vac
Lifetime @ Tc life, 90% survivals 100,000 hrs


C123


C133


C170

Product specification

Product name	Product code	Housing	Output current range	Output voltage range	Output power	Surge protection CM/DM	Dimming range	Efficiency @ 100% load	Inrush current peak	Inrush current width to 50%	Power factor, 100% load	Simple-Set	1-10V	Dyna-Dimmer (5-step)	Driver temp. limit	Mains-Guard
	12NC	type	mA	V	W	kV	%	%	A	µs						
Xi LP 22W 0.2-0.7A S1 230V C123 sXt	929002102906	C123	200-700	16-48	1-22	10/6	100-10	87	15	320	0.99	√	√	√	√	√
Xi LP 22W 0.3-1.0A S1 230V C123 sXt	929002103006	C123	300-1050	8-32	1-22	10/6	100-10	87	15	320	0.99	√	√	√	√	√
Xi LP 40W 0.2-0.7A S1 230V C123 sXt	929002103106	C123	200-700	25-77	1.8-40	10/6	100-10	90	22	250	0.98	√	√	√	√	√
Xi LP 40W 0.3-1.0A S1 230V C123 sXt	929002103206	C123	300-1050	20-54	1.5-40	10/6	100-10	90	22	250	0.98	√	√	√	√	√
Xi LP 75W 0.2-0.7A S1 230V C133 sXt	929001654706	C133	200-700	50-150	3.5-75	10/6	100-10	91	43	270	0.98	√	√	√	√	√
Xi LP 75W 0.3-1.0A S1 230V C133 sXt	929001654806	C133	300-1050	35-108	3.5-75	10/6	100-10	91	43	270	0.98	√	√	√	√	√
Xi LP 75W 0.5-1.5A S1 230V C133 sXt	929001654906	C133	500-1500	25-75	3.5-75	10/6	100-10	90	43	270	0.98	√	√	√	√	√
Xi LP 110W 0.2-0.7A S1 230V C133 sXt	929001655006	C133	200-700	70-220	5-110	10/6	100-10	91	45	270	0.98	√	√	√	√	√
Xi LP 110W 0.3-1.0A S1 230V C133 sXt	929001655106	C133	300-1050	50-160	5-110	10/6	100-10	91	45	270	0.98	√	√	√	√	√
Xi LP 165W 0.2-0.7A S1 230V C170 sXt	929001535406	C170	200-700	100-300	7-165	10/6	100-10	93	41	440	0.98	√	√	√		√
Xi LP 165W 0.3-1.0A S1 230V C170 sXt	929001535506	C170	300-1000	80-235	7-165	10/6	100-10	93	41	440	0.98	√	√	√		√
Xi LP 165W 0.5-1.5A S1 230V C170 sXt	929001571906	C170	500-1500	54-157	7-165	10/6	100-10	93	41	440	0.98	√	√	√		√

Input voltage range 220-240 Vac
Tc life 75°C
Lifetime @ Tc life, 90% survivals 100,000 hrs

Xitanium LP IP67 Drivers

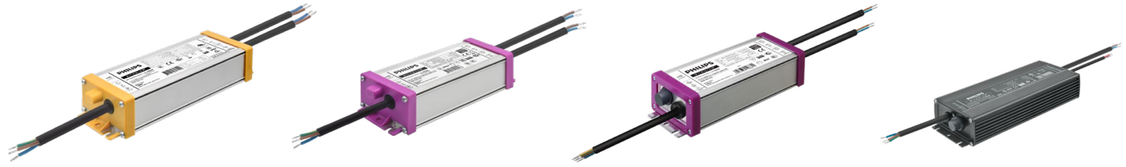
Philips Xitanium Lite Programmable LED Drivers are designed to deliver a carefully selected feature set and high-end performance, making it a preferred choice for many outdoor applications. The portfolio offers high flexibility with a customizable operating window, enabling differentiation in LED lighting design via system tuning and being prepared for LED efficacy upgrades. The products will replace the existing programmable Outdoor LED drivers and will bring significant improvement in programming, one of the key features is SimpleSet®, an easy and fast way to configure the driver without the need to power up the driver. This product family offers different drivers that could withstand any input voltage around the world, with real IP67 design to provide highly reliable solutions.

Features

- Versatile feature se via SimpleSet: such as adjustable output current, dimming curve selection and constant light output etc.
- Real IP67 , 10/6kV & 50,000 hours lifetime

Benefits

- Provides more application possibilities to end users and helps OEMs to reduce number of SKUs
- Ultimate robustness, offering peace of mind and lower maintenance costs





Product specification

Product name	Product code	Housing type	Housing	Output current range	Output voltage range	Max Output power	Surge protection CM/DM	Dimensions	Simple Set	1-10V	Dyna Dimmer
	12NC			mA	V	W	kV	mm			5 step
Xi LP 40W 0.3-1.05A S1 230V I150	929002103380	IP67	I150	300-1050	21-57	40	10/6	150 X 68 X 45	√	√	√
Xi LP 40W 0.3-1.05A S1 TWE I175	929002103480	IP67	I175	300-1050	21-57	40	10/6	175 X 68 X 45	√	√	√
Xi LP 65W 0.3-1.05A S1 230V I150	929001473980	IP67	I150	300-1050	31-93	65	10/6	150 X 68 X 45	√	√	√
Xi LP 65W 0.5-1.5A S1 230V I150	929001474180	IP67	I150	500-1500	21-62	65	10/6	150 X 68 X 45	√	√	√
Xi LP 65W 0.3-1.05A S1 230V I150C	929001480880	IP67	I150	300-1050	31-93	65	10/6	150 X 68 X 45	√	√	√
Xi LP 65W 0.5-1.5A S1 230V I150C	929001480980	IP67	I150	500-1500	21-62	65	10/6	150 X 68 X 45	√	√	√
Xi LP 65W 0.3-1.05A S1 TWE I175	929001474080	IP67	I175	300-1050	31-93	65	10/6	175 X 68 X 45	√	√	√
Xi LP 100W 0.3-1.05A S1 230V I155	929002822880	IP67	I155	300-1050	46-143	100	10/6	155 X 68 X 45	√	√	√
Xi LP 100W 0.3-1.05A S1 230V I155CF	929002826480	IP67	I155	300-1050	46-143	100	10/6	155 X 68 X 45	√	√	√
Xi LP 100W 0.5-1.5A S1 230V I155	929002823180	IP67	I155	500-1500	33-95	100	10/6	155 X 68 X 45	√	√	√
Xi LP 100W 0.5-1.5A S1 230V I155CF	929002826780	IP67	I155	500-1500	33-95	100	10/6	155 X 68 X 45	√	√	√
Xi LP 100W 0.3-1.05A S1 GL I175	929002850680	IP67	I175	300-1050	46-143	100	10/6	175 X 68 X 45	√	√	√
Xi LP 100W 0.5-1.5A S1 GL I175	929002850880	IP67	I175	500-1500	33-95	100	10/6	175 X 68 X 45	√	√	√
Xi LP 150W 0.3-1.05A S1 230V I175	929002822980	IP67	I175	300-1050	70-214	150	10/6	175 X 68 X 45	√	√	√
Xi LP 150W 0.3-1.05A S1 230V I175CF	929002826580	IP67	I175	300-1050	70-214	150	10/6	175 X 68 X 45	√	√	√
Xi LP 150W 0.5-1.5A S1 230V I175	929002823280	IP67	I175	500-1500	50-143	150	10/6	175 X 68 X 45	√	√	√
Xi LP 150W 0.5-1.5A S1 230V I175CF	929002823080	IP67	I175	500-1500	50-143	150	10/6	175 X 68 X 45	√	√	√
Xi LP 150W 0.3-1.05A S1 GL I200	929002850780	IP67	I200	300-1050	70-214	150	10/6	200 X 68 X 45	√	√	√
Xi LP 150W 0.5-1.5A S1 GL I200	929002850980	IP67	I200	500-1500	50-143	150	10/6	200 X 68 X 45	√	√	√
Xi LP 200W 0.3-1.05A S1 230V I195	929002823080	IP67	I195	300-1050	142-286	200	10/6	195 X 68 X 45	√	√	√
Xi LP 200W 0.3-1.05A S1 230V I195CF	929002826680	IP67	I195	300-1050	142-286	200	10/6	195 X 68 X 45	√	√	√
Xi LP 200W 0.5-1.5A S1 230V I195	929002823380	IP67	I195	500-1500	100-200	200	10/6	195 X 68 X 45	√	√	√
Xi LP 200W 0.5-1.5A S1 230V I195CF	929002826980	IP67	I195	500-1500	100-200	200	10/6	195 X 68 X 45	√	√	√
Xi LP 220W 0.3-1.05A S1 230V I230	929001424480	IP67	I230	300-1050	104-314	220	10/6	230 X 68 X 45	√	√	√
Xi LP 220W 0.3-1.05A S1 230V I230CF	929001486980	IP67	I230	300-1050	104-314	220	10/6	230 X 68 X 45	√	√	√
Xi LP 220W 0.5-1.5A S1 230V I230	929001424680	IP67	I230	500-1500	73-210	220	10/6	230 X 68 X 45	√	√	√
Xi LP 220W 0.5-1.5A S1 230V I230CF	929001487080	IP67	I230	500-1500	73-210	220	10/6	230 X 68 X 45	√	√	√
Xi LP 220W 0.3-1.05A S1 TWE I230	929001424880	IP67	I230	300-1050	104-314	220	10/6	230 X 68 X 45	√	√	√
Xi LP 220W 0.3-1.05A S1 TWE I230CF	929001487180	IP67	I230	300-1050	104-314	220	10/6	230 X 68 X 45	√	√	√
Xi LP 220W 0.5-1.5A S1 TWE I230	929001425080	IP67	I230	500-1500	73-210	220	10/6	230 X 68 X 45	√	√	√
Xi LP 40W 0.3-1.05A S1 WL I150	**929003414280**	**IP67**	**I150**	**300-1050**	**21-57**	**40**	**10/6**	**150 X 68 X 45**	√	√	√
Xi LP 65W 0.3-1.05A S1 WL I150	**929003414380**	**IP67**	**I150**	**300-1050**	**31-93**	**65**	**10/6**	**150 X 68 X 45**	√	√	√
Xi LP 65W 0.5-1.5A S1 WL I150	**929003414480**	**IP67**	**I150**	**500-1500**	**21-62**	**65**	**10/6**	**150 X 68 X 45**	√	√	√
Xi LP 65W 0.3-1.05A S1 WL I150CF	**929003414580**	**IP67**	**I150**	**300-1050**	**31-93**	**65**	**10/6**	**150 X 68 X 45**	√	√	√
Xi LP 65W 0.5-1.5A S1 WL I150CF	**929003414680**	**IP67**	**I150**	**500-1500**	**21-62**	**65**	**10/6**	**150 X 68 X 45**	√	√	√
Xi LP 100W 0.3-1.05A S1 WL I155	**929002878980**	**IP67**	**I155**	**300-1050**	**46-143**	**100**	**10/6**	**155 X 68 X 40**	√	√	√
Xi LP 100W 0.5-1.5A S1 WL I155	**929002879280**	**IP67**	**I155**	**500-1500**	**33-95**	**100**	**10/6**	**155 X 68 X 40**	√	√	√
Xi LP 100W 0.3-1.05A S1 WL I155CF	**929003387080**	**IP67**	**I155**	**300-1050**	**46-143**	**100**	**10/6**	**155 X 68 X 40**	√	√	√
Xi LP 100W 0.5-1.5A S1 WL I155CF	**929003387380**	**IP67**	**I155**	**500-1500**	**33-95**	**100**	**10/6**	**155 X 68 X 40**	√	√	√
Xi LP 150W 0.3-1.05A S1 WL I175	**929002879080**	**IP67**	**I175**	**300-1050**	**71-214**	**150**	**10/6**	**175 X 68 X 40**	√	√	√
Xi LP 150W 0.5-1.5A S1 WL I175	**929002879380**	**IP67**	**I175**	**500-1500**	**50-143**	**150**	**10/6**	**175 X 68 X 40**	√	√	√
Xi LP 150W 0.3-1.05A S1 WL I175CF	**929003387180**	**IP67**	**I175**	**300-1050**	**71-214**	**150**	**10/6**	**175 X 68 X 40**	√	√	√
Xi LP 150W 0.5-1.5A S1 WL I175CF	**929003387480**	**IP67**	**I175**	**500-1500**	**50-143**	**150**	**10/6**	**175 X 68 X 40**	√	√	√
Xi LP 200W 0.3-1.05A S1 WL I195	**929002879180**	**IP67**	**I195**	**300-1050**	**142-286**	**200**	**10/6**	**195 X 68 X 40**	√	√	√
Xi LP 200W 0.5-1.5A S1 WL I195	**929002879480**	**IP67**	**I195**	**500-1500**	**100-200**	**200**	**10/6**	**195 X 68 X 40**	√	√	√
Xi LP 200W 0.3-1.05A S1 WL I195CF	**929003387280**	**IP67**	**I195**	**300-1050**	**142-286**	**200**	**10/6**	**195 X 68 X 40**	√	√	√
Xi LP 200W 0.5-1.5A S1 WL I195CF	**929003387580**	**IP67**	**I195**	**500-1500**	**100-200**	**200**	**10/6**	**195 X 68 X 40**	√	√	√
Xi LP 250W 0.3-1.05A S1 WL I215	**929003389180**	**IP67**	**I215**	**300-1050**	**165-357**	**250**	**10/6**	**215 X 68 X 40**	√	√	√
Xi LP 250W 0.5-1.5A S1 WL I215	**929003389280**	**IP67**	**I215**	**500-1500**	**110-238**	**250**	**10/6**	**215 X 68 X 40**	√	√	√
Xi LP 250W 0.3-1.05A S1 WL I215CF	**929003389380**	**IP67**	**I215**	**300-1050**	**165-357**	**250**	**10/6**	**215 X 68 X 40**	√	√	√
Xi LP 250W 0.5-1.5A S1 WL I215CF	**929003389480**	**IP67**	**I215**	**500-1500**	**110-238**	**250**	**10/6**	**215 X 68 X 40**	√	√	√
Xi LP 320W 0.7-2.1A S1 WL AUX I230	929002882780	IP67	I230	700-2100	114-228	320	10/6	230 X 90 X 40	√	√	√

COMING SOON

Input voltage range 220-240 Vac
Lifetime @ Tc life, 90% survivals 100,000 hrs

Xitanium LED drivers - Basic Programmable

Philips Xitanium basic programmable LED drivers offer a basic feature set and high performance, making them a preferred choice for various outdoor applications. The portfolio offers drivers in compact form factors with a basic feature set, which offer high value for both OEM customers and end-users.The products can replace the existing single current outdoor LED drivers and will bring significant improvement in programming, assembly into a luminaire, electrical performance, and less variety in logistical codes.

Features

- Basic programmable features via Simple Set: Adjustable output current (AOC) and OWP (overwrite protection)
- Compact form factor
- High surge protection & 50,000 hours lifetime

Benefits

- Offers design flexibility
- Saves luminaire cost with compact housing
- Offers peace of mind and lower maintenance costs

Product specification

Product name	Product code	Housing	Output Current Range	Output Voltage Range	Output Power	Surge Protection CM/DM	Effiency @ 100% load	Inrush current peak	Inrush curent width to 50%	Power factor 100% load	Simple Set
	12NC		mA	V	W	kV	%	A	µs		
Xi BP 12W 0.1-0.5A S 230V C100	929001657106	C100	100-500	13-39	2-12	6/4	81	5.5	20	0.95	√
Xi BP 22W 0.2-0.7A S 230V C123 sXt	929001499306	C123	200-700	16-48	6-22	10/6	87	11.5	220	0.99	√
Xi BP 40W 0.2-0.7A S 230V C123 sXt	929001499406	C123	200-700	25-77	5-40	10/6	90	19	210	0.98	√
Xi BP 40W 0.3-1.0A S 230V C123 sXt	929001499506	C123	300-1050	20-54	6-40	10/6	90	19	210	0.98	√
Xi BP 75W 0.2-0.7A S 230V C133 sXt	929002817006	C133	200-700	50-150	3.5-75	10/6	91	43	270	0.98	√
Xi BP 110W 0.2-0.7A S 230V C133 sXt	929002817206	C133	200-700	70-220	5-110	10/6	91	45	270	0.98	√
Xi BP 75W 0.3-1.0A S 230V C133 sXt	929002817106	C133	300-1050	35-108	3.5-75	10/6	91	43	270	0.98	√
Xi BP 110W 0.3-1.0A S 230V C133 sXt	929002817306	C133	300-1050	50-160	5-110	10/6	91	45	270	0.98	√



C100



C123

Xitanium Low Voltage Adjustable Output Current

Philips Xitanium Low Voltage Adjustable Output Current Drivers are specifically designed for maximum flexibility (230V and Global input mains; as well as adjustable output) and reliability in low voltage outdoor applications. With superior surge protection, these durable, independently housed drivers deliver consistent, high performance to luminaires even after multiple indirect lightning strikes – an ideal solution for OEMs that need reliable, adjustable output in a rugged independent form factor.

Features

- Adjustable Output Current (AOC), via screw driver or e-set tool
- Mains support 220-240V or 110-277V
- IP65 and 50,000 hours lifetime
- Housing that could fit in most of LV driver application

Benefits

- Easy design in to save design efforts and cost and reduce number of products in stock
- Reliable operation in any region of the world
- Outdoor robustness, offering peace of mind and lower maintenance costs

Product specification

Product name	Product code	Housing type	Housing	Max Output Power	Output Current Range	Output Voltage Range	Surge Protection (CM/DM)	Dimmensions	Dimming
	12NC			W	A	V	KV	mm	
Xitanium 65W 1.2-2.3A AOC 230V I150	929002104380	IP65	I150	65	1.2-2.3	24-54	6/4	150 X 68 X 45	No
Xitanium 100W 2.1-4.2A AOC 230V I160	929002829380	IP65	I160	100	2.1-4.2	12-48	6/4	160 X 68 X 45	No
Xitanium 100W 2.1-4.2A AOC 230V I160L	929002846680	IP65	I160	100	2.1-4.2	12-48	6/4	160 X 68 X 45	No
Xitanium 150W 2.45-4.9A AOC 230V I175	929002829280	IP65	I175	150	2.45-4.9	15-61	6/4	180 X 68 X 45	No
Xitanium 150W 2.45-4.9A AOC 230V I175L	929002846580	IP65	I175	150	2.45-4.9	15-61	6/4	200 X 63 X 38	No
Xitanium 200W 2.8-5.6A AOC 230V I200	929002829480	IP65	I200	200	2.8-5.6	18-71	6/4	200 X 68 X 45	No
Xitanium 200W 2.8-5.6A AOC 230V I200L	929002846780	IP65	I200	200	2.8-5.6	18-71	6/4	200 X 68 X 45	No
Xitanium 240W 3.6-6.7A AOC 230V I240	929002104480	IP65	I240	240	3.6-6.7	24-67	6/4	240 X 68 X 45	No
Xitanium 65W 0.9-2.2A AOC 1-10 GL I160	929002832680	IP65	I160	65	0.9-2.2	23-50	10/6	160 X 63 X 38	Yes
Xitanium 100W 1.5-3.5A AOC 1-10 GL I180	929002172780	IP65	I180	100	1.5-3.5	23-50	10/6	180 X 63 X 38	Yes
Xitanium 150W 3.0-5.1A AOC 1-10 GL I200	929002199280	IP65	I200	150	3.0-5.1	23-50	10/6	200 X 63 X 38	Yes
Xitanium 200W 3.3-5.6A AOC 1-10 GL I220	929002200280	IP65	I220	200	3.3-5.6	33-50	10/6	220 X 63 X 38	Yes
Xitanium 200W 4.5-6.7A AOC 1-10 GL I220	929002871880	IP65	I220	200	4.5-6.7	24-36	10/6	220 X 63 X 38	Yes
Xitanium 250W 4.1-7.2A AOC 1-10 GL I250	929002832780	IP65	I250	250	4.1-7.2	28-50	10/6	250 X 65.2 X43.8	Yes
Xi EP LV 65W 0.9-2.2A WL I120	**929003392680**	**IP67**	**I120**	**65**	**0.9-2.2**	**28-50**	**6/4**	**120 X 67 X 35**	**No**
Xi EP LV 100W 1.3-3.4A WL I155	**929003392780**	**IP67**	**I155**	**100**	**1.3-3.4**	**28-50**	**6/4**	**155 X 67 X 40**	**No**
Xi EP LV 150W 2.0-5.0A WL I175	**929003392880**	**IP67**	**I175**	**150**	**2.0-5.0**	**28-50**	**6/4**	**175 X 67 X 40**	**No**
Xi EP LV 200W 3.0-6.7A WL I195	**929003392980**	**IP67**	**I195**	**200**	**3.0-6.7**	**28-50**	**6/4**	**195 X 67 X 40**	**No**
Xi EP LV 250W 4.0-8.3A WL I215	**929003393080**	**IP67**	**I215**	**250**	**4.0-8.3**	**28-50**	**6/4**	**215 X 67 X 40**	**No**
Xi EP LV 65W 0.9-2.2A 1-10V WL I120	**929003393480**	**IP67**	**I120**	**65**	**0.9-2.2**	**28-50**	**6/4**	**120 X 67 X 35**	**Yes**
Xi EP LV 100W 1.3-3.4A 1-10V WL I155	**929003393580**	**IP67**	**I155**	**100**	**1.3-3.4**	**28-50**	**6/4**	**155 X 67 X 40**	**Yes**
Xi EP LV 150W 2.0-5.0A 1-10V WL I175	**929003393680**	**IP67**	**I175**	**150**	**2.0-5.0**	**28-50**	**6/4**	**175 X 67 X 40**	**Yes**
Xi EP LV 200W 3.0-6.7A 1-10V WL I195	**929003393780**	**IP67**	**I195**	**200**	**3.0-6.7**	**28-50**	**6/4**	**195 X 67 X 40**	**Yes**
Xi EP LV 250W 4.0-8.3A 1-10V WL I215	**929003393880**	**IP67**	**I215**	**250**	**4.0-8.3**	**28-50**	**6/4**	**215 X 67 X 40**	**Yes**

COMING SOON







Dimmable/Non-dimmable Single Current

Our Xitanium Single Current LED Outdoor Drivers are specifically designed to deliver reliable performance and protection while meeting the strict performance, approbation and application requirements. The products are long-lasting and requires low maintenance.

Features

- Single current support current output: 0.7 or 1.05A
- Long lifetime @ high temperature
- 1-10V dimming interface

Benefits

- Easy to design in
- Offers peace of mind and lower maintenance cost

Product specifications

Product Name	Product code	Housing Type	Housing	Output Current	Output Voltage	Max Output Power	Surge Protection CM/DM	Dimmensions	Dim-ming	Simple Set
	12NC			A	V	W	kV	mm		
Xitanium Dim 65W 1.05A 1-10V 230V Y	929001426780	Built-in	Y-can	1.05	30-62	65	4/4	168 X 60 X 38	1-10V	No
Xitanium Dim 65W 0.7A 1-10V 230V I175	929001426280	IP67	I175	0.7	46-93	65	4/4	175 X 68 X 45	1-10V	No
Xitanium Dim 100W 0.7A 1-10V 230V Y	929001402280	Built-in	Y-can	0.7	64-143	100	4/4	168 X 60 X 38	1-10V	No
Xitanium Dim 100W 1.05A 1-10V 230V Y-sXt	929001402380	Built-in	Y-can	1.05	42-95	100	4/4	168 X 60 X 38	1-10V	No
Xitanium Dim 100W 0.7A 1-10V 230V I175	929001401880	IP67	I175	0.7	64-143	100	4/4	175 X 68 X 45	1-10V	No
Xitanium Dim 150W 0.7A 1-10V 230V Y	929001401680	Built-in	Y-can	0.7	96-214	150	4/4	168 X 60 X 38	1-10V	No
Xitanium Dim 150W 1.05A 1-10V 230V Y-sXt	929001401780	Built-in	Y-can	1.05	62-142	150	4/4	168 X 60 X 38	1-10V	No
Xitanium Dim 150W 0.7A 1-10V 230V I175	929001401280	IP67	I175	0.7	96-214	150	4/4	175 X 68 X 45	1-10V	No
Xitanium Dim 150W 1.05A 1-10V 230V I175	929001401480	IP67	I175	1.05	62-142	150	4/4	175 X 68 X 45	1-10V	No
Xitanium Dim 250W 0.7A 1-10V 230V Q	929000838508	Built-in	Q-can	0.7	178-357	250	6/6	241 X 90 X 42	1-10V	No
Xitanium Dim 250W 1.05A 1-10V 230V Q	929001404280	Built-in	Q-can	1.05	118-238	250	6/6	241 X 90 X 42	1-10V	No
Xitanium Dim 250W 0.70A 1-10V 230V I220	929001404706	IP67	I220	0.7	178-357	250	6/6	220 X 94 X 49	1-10V	No
Xitanium Dim 250W 1.05A 1-10V 230V I220	929001405080	IP67	I220	1.05	118-238	250	6/6	220 X 94 X 49	1-10V	No
Xitanium 150W 0.7A 1-10V 230V S240 sXt	929001405506	Built-in	S240	0.7	100-214	150	8/6	241 X 59 X 38	1-10V	No
Xitanium 150W 1.05A 1-10V 230V S240 sXt	929001405606	Built-in	S240	0.7	100-214	150	8/6	241 X 59 X 38	1-10V	No
Xitanium 100W 0.7A 230V Y	929001401080	Built-in	Y-can	0.7	64-143	100	4/4	168 X 60 X 38	No	No
Xitanium 100W 1.05A 230V Y	929001401180	Built-in	Y-can	1.05	42-95	100	4/4	168 X 60 X 38	No	No
Xitanium 100W 0.7A 230V I175	929001400680	IP67	I175	0.7	64-143	100	4/4	175 X 68 X 45	No	No
Xitanium 100W 1.05A 230V I175	929001400880	IP67	I175	1.05	42-95	100	4/4	175 X 68 X 45	No	No
Xitanium 150W 0.7A 230V Y	929001400480	Built-in	Y-can	0.7	96-214	150	4/4	168 X 60 X 38	No	No
Xitanium 150W 1.05A 230V Y	929001400580	Built-in	Y-can	1.05	62-142	150	4/4	168 X 60 X 38	No	No
Xitanium 150W 0.7A 230V I175	929001400080	IP67	I175	0.7	90-214	150	4/4	175 X 68 X 45	No	No
Xitanium 150W 1.05A 230V I175	929001400280	IP67	I175	1.05	60-143	150	4/4	175 X 68 X 45	No	No







Surge protection devices

The Philips surge protection devices are the ideal solution to the challenge of using LEDs in outdoor lighting. The SPD protects the complete system against high surges that can occur due to, for example, lightning strikes. Essential for LED systems installed in high-risk areas, the advantages of using the SPD are not limited to just LED systems. The product can be used in any new or existing lighting solution, regardless of technology. A choice can be made between parallel SPDs (if SPD is broken, light remains on) and serial SPDs (if SPD is broken, light will switch off).

Features

- Suitable for insulation Class I or II only
- Long lifetime: 100,000 hours
- Provide high surge protection of up to 10kV or 20kV for all lighting technologies

Benefits

- Easy to apply in new or existing installations
- Maximize lifetime of outdoor lighting solutions to lower maintenance cost enance cost

Product specification

Commercial name	Product Code	Type	Rated input voltage range	Power grids	Discharge voltage	Discharge current (L-N)	Discharge current (L/N-GND)	Tc life	T amb
			Vac	Type	kV	kA	kA	°C	°C
Xtreme surge protector I	929000886906	Parallel	220-240	TN, TT, IT	10	5	5	80	-40..+85
Surge protector class-I	929001607006	Parallel	230	TN, TT	10	5	5	80	-40..+85
Surge protector class-II	929001607106	Parallel	230	TN, TT	10	5	5	80	-40..+85
Surge protector class-I serial	929002102780	Serial	230	TN	10	5	5	80	-40..+70
Surge protector class-II serial	929002102880	Serial	230	TN, TT, IT	10	5	5	80	-40..+70
SPD IP 20KV/10KA 230V Class I Serial	929002164706	Serial IP67	230	TN, TNC, TNS, TNCS	20	10	10	85	-40..+85

Lifetime @ Tc life, 90% survivals 100,000 hrs



serial



serial



parallel

Outdoor Modules

Lighting up harsh conditions



Outdoor Modules New Products

Just released!

Fortimo LEDFlex DA DP HE



NEW

A best efficiency per dollar solution for Outdoor Modules: Fortimo FastFlex DA & DP HE bring a high efficiency solution and enable an easy drop-in upgrade to customers who have been using our trusted Fortimo FastFlex G4(+)/G5.

Fortimo FastFlex Premium light distribution Gen5

Fortimo FastFlex PR (premium) Gen5 is a true premium addition to your outdoor LED luminaire portfolio. The unique LED technology enables improved optical quality and efficiency while being xtremely reliable.

Features

- Xtreme lifetime with >100khrs
- ESD protection (8kV contact/15kV air) & Surge protection up to 6kV
- NTC enabled at system level
- Flexible current range & Tc
- Compatible with 3rd party lenses

Benefits

- Robustness for outdoor application
- Easy to design and use



Product specifications

Product type	Product code	Typical light output	Module efficacy typical	Correlated color temperature	Color rendering index	"Typical dimensions"
	12NC	lm	lm/W @ Tc Nom	K	min. CRI	mm
Fortimo FastFlex LED 2x8up/730 PR G5	929001691006	1983	171	3000	70	121.4 x 49.5 x 5.33
Fortimo FastFlex LED 2x8up/740 PR G5	929001691106	2100	181	4000	70	121.4 x 49.5 x 5.33
Fortimo FastFlex LED 2x8up/757 PR G5	929001691206	2100	181	5700	70	121.4 x 49.5 x 5.33
Fortimo FastFlex LED 2x8up/827 PR G5	929001691306	1691	145	2700	80	121.4 x 49.5 x 5.33
Fortimo FastFlex LED 2x8up/830 PR G5	929001691406	1866	161	3000	80	121.4 x 49.5 x 5.33
Fortimo FastFlex LED 2x8up/840 PR G5	929001691506	1866	160	4000	80	121.4 x 49.5 x 5.33
Fortimo FastFlex LED 3x8up/730 PR G5	929001691606	2975	170	3000	70	172.2 x 49.5 x 5.33
Fortimo FastFlex LED 3x8up/740 PR G5	929001691706	3150	181	4000	70	172.2 x 49.5 x 5.33
Fortimo FastFlex LED 3x8up/757 PR G5	929001691806	3150	181	5700	70	172.2 x 49.5 x 5.33
Fortimo FastFlex LED 3x8up/827 PR G5	929001691906	2538	145	2700	80	172.2 x 49.5 x 5.33
Fortimo FastFlex LED 3x8up/830 PR G5	929001692006	2800	160	3000	80	172.2 x 49.5 x 5.33
Fortimo FastFlex LED 3x8up/840 PR G5	929001692106	2800	160	4000	80	172.2 x 49.5 x 5.33
Fortimo FastFlex LED 4x8up/730 PR G5	929001692206	3966	170	3000	70	223 x 49.5 x 5.33
Fortimo FastFlex LED 4x8up/740 PR G5	929001692306	4200	181	4000	70	223 x 49.5 x 5.33
Fortimo FastFlex LED 4x8up/757 PR G5	929001692406	4200	181	5700	70	223 x 49.5 x 5.33
Fortimo FastFlex LED 4x8up/827 PR G5	929001692506	3383	145	2700	80	223 x 49.5 x 5.33
Fortimo FastFlex LED 4x8up/830 PR G5	929001692606	3733	160	3000	80	223 x 49.5 x 5.33
Fortimo FastFlex LED 4x8up/840 PR G5	929001692706	3733	160	4000	80	223 x 49.5 x 5.33

Complementary partners

LEDIL has designed new 2x2 lenses, the fully optimized Stradella-8 for this new LED technology.

Module driver compatibility

The Fortimo FastFlex portfolio is compatible with multiple Xitanium LED drivers. For more information please visit our EDIT tool.

Fortimo FastFlex DA&DP HE Gen5

Fortimo FastFlex DA & DP HE is the new high efficiency family within the Outdoor LED module portfolio. By maintaining the same mechanical outlines as Fortimo FastFlex DA & DP G4/G4+/G5, an easy drop-in upgrade is enabled.
This module family is compatible with third-party lenses for unlimited optical configuration. Some lenses for Fortimo FastFlex G4/G4+/G5 can also be reused for this new outdoor LED module family.

Features

- Various combinations of size, CRI and CCT available
- Broad Fortimo FastFlex portfolio for Outdoor lighting applications
- Philips system warranty

Benefits

- High efficiencies in industry familiar form factor
- Easy drop-in replacement to FastFlex DA & DP G4/G4+/G5
- Compatible with 3rd party lenses



ALL NEW!

Product specifications

Product type	Order Code	Light output Typical	Module efficacy typical	Color temperature	Color rendering	Dimensions (LxWxH)
	12NC	lm	lm/W	K	Ra	mm
Fortimo FastFlex LED 2x4/727 DA HE	**929003401106**	**1770**	**167**	**2700**	**70**	**121.4x49.9x6.2**
Fortimo FastFlex LED 2x4/730 DA HE	**929003401206**	**1945**	**183**	**3000**	**70**	**121.4x49.9x6.2**
Fortimo FastFlex LED 2x4/740 DA HE	**929003401306**	**2005**	**189**	**4000**	**70**	**121.4x49.9x6.2**
Fortimo FastFlex LED 2x6/727 DA HE	**929003401406**	**2655**	**167**	**2700**	**70**	**172.2x49.5x6.1**
Fortimo FastFlex LED 2x6/730 DA HE	**929003401506**	**2920**	**183**	**3000**	**70**	**172.2x49.5x6.1**
Fortimo FastFlex LED 2x6/740 DA HE	**929003401606**	**3000**	**188**	**4000**	**70**	**172.2x49.5x6.1**
Fortimo FastFlex LED 2x8/727 DA HE	**929003401706**	**3545**	**167**	**2700**	**70**	**221x49.5x6.1**
Fortimo FastFlex LED 2x8/730 DA HE	**929003401806**	**3890**	**183**	**3000**	**70**	**221x49.5x6.1**
Fortimo FastFlex LED 2x8/740 DA HE	**929003401906**	**4010**	**189**	**4000**	**70**	**221x49.5x6.1**
Fortimo FastFlex LED 2x6/730 DP HE	**929003402006**	**2890**	**181**	**3000**	**70**	**146x45x6.1**
Fortimo FastFlex LED 2x6/740 DP HE	**929003402106**	**2970**	**186**	**4000**	**70**	**146x45x6.1**

Fortimo FastFlex DA&DP Gen5

Fortimo FastFlex DA & DP Gen5 is the successor generation of Fortimo FastFlex Gen4+.

Features

- Large selection for different needs
- Compatibility with third-party lenses
- System offer with Philips xtreme drivers
- Lifetime ≥100.000 hours

Benefits

- Design freedom
- Robustness & Reliability



Product specifications

Product type	Order Code	Light output Typical	Module efficacy typical	Color temperature	Color rendering	Dimensions (LxWxH)
	12NC	lm	lm/W	K	Ra	mm
Fortimo FastFlex LED 2x2/730 DA G5	929002865906	940	158	3000	70	70.6x49.5x6.1
Fortimo FastFlex LED 2x2/740 DA G5	929002866006	1020	172	4000	70	70.6x49.5x6.1
Fortimo FastFlex LED 2x2/840 DA G5	929002866106	895	151	4000	80	70.6x49.5x6.1
Fortimo FastFlex LED 2x4/722 DA G5	929002866206	1540	130	2200	70	121.4x49.5x6.1
Fortimo FastFlex LED 2x4/727 DA G5	929002866306	1700	143	2700	70	121.4x49.5x6.1
Fortimo FastFlex LED 2x4/730 DA G5	929002866406	1885	159	3000	70	121.4x49.5x6.1
Fortimo FastFlex LED 2x4/740 DA G5	929002866506	2035	171	4000	70	121.4x49.5x6.1
Fortimo FastFlex LED 2x4/840 DA G5	929002866606	1790	151	4000	80	121.4x49.5x6.1
Fortimo FastFlex LED 2x6/722 DA G5	929002866706	2310	130	2200	70	172.2x49.5x6.1
Fortimo FastFlex LED 2x6/727 DA G5	929002866806	2560	144	2700	70	172.2x49.5x6.1
Fortimo FastFlex LED 2x6/730 DA G5	929002866906	2845	160	3000	70	172.2x49.5x6.1
Fortimo FastFlex LED 2x6/740 DA G5	929002867006	3065	172	4000	70	172.2x49.5x6.1
Fortimo FastFlex LED 2x6/827 DA G5	929002867106	2405	135	2700	80	172.2x49.5x6.1
Fortimo FastFlex LED 2x6/830 DA G5	929002867206	2535	142	3000	80	172.2x49.5x6.1
Fortimo FastFlex LED 2x6/840 DA G5	929002867306	2680	150	4000	80	172.2x49.5x6.1
Fortimo FastFlex LED 2x8/722 DA G5	929002867406	3080	130	2200	70	223x49.6x6.1
Fortimo FastFlex LED 2x8/727 DA G5	929002867506	3415	144	2700	70	223x49.6x6.1
Fortimo FastFlex LED 2x8/730 DA G5	929002867606	3795	160	3000	70	223x49.6x6.1
Fortimo FastFlex LED 2x8/740 DA G5	929002867706	4100	173	4000	70	223x49.6x6.1
Fortimo FastFlex LED 2x8/757 DA G5	929002867806	4145	175	5700	70	223x49.6x6.1
Fortimo FastFlex LED 2x8/827 DA G5	929002868006	3205	135	2700	80	223x49.6x6.1
Fortimo FastFlex LED 2x8/830 DA G5	929002868106	3375	142	3000	80	223x49.6x6.1
Fortimo FastFlex LED 2x8/840 DA G5	929002868206	3575	151	4000	80	223x49.6x6.1
Fortimo FastFlex LED 2x6/730 DP G5	929002868306	2830	159	3000	70	146x45.1x6.2
Fortimo FastFlex LED 2x6/740 DP G5	929002868406	3065	172	4000	70	146x45.1x6.2
Fortimo FastFlex LED 2x6/840 DP G5	929002868506	2680	150	4000	80	146x45.1x6.2
Fortimo FastFlex LED 2x6/757 DP G5	929002868606	3085	173	5700	70	146x45.1x6.2

Fortimo FastFlex VO

Fortimo FastFlex VO (value offer) offers good basic features with maximized cost-effectiveness. A wide range of optical configurations are enabled thanks to its compatibility with third-party lenses.



Product specifications

Product type	Typical light output	Module efficacy typical	Correlated color temperature	Color rendering index*	Typical dimensions	Product code
	lm	lm/W @ Tc Nom	K	min. CRI	mm	12NC
FastFlex 4x16/ 740 Value Offer	7800	153	4000	70	222.2x49.3x4.15	929001785113
FastFlex 4x16/ 750 Value Offer	7800	153	5000	70	222.2x49.3x4.15	929001785213

Fortimo FastFlex IP66

Fortimo FastFlex (FF) IP66 is an integrated module solution with IP protection, excellent optical and heat management, made possible by its mid-power LED and glass lens technology. The Fortimo FastFlex IP66 range consists of two product categories -based on their energy efficacy: "Standard" with typical energy efficacy of 140lm/W and, "Ultra High Efficacy" (UHE) with a best-in-class energy efficacy of 165lm/W. The entire system set includes FF IP66 modules, IP67 drivers and multi-connectors, creating a total IP solution perfect for easy design-in for outdoor as well as industry applications. Fortimo FastFlex IP66 is a modular system, with each module having a typical lumen output from 6000 up to **10,000 lumens**. The portfolio includes color temperatures of 3000K, 4000K and 5700K.

Features

- Best-in-class energy efficacy up to 175 lm/W with complete system efficiency > 90%
- Best-in-class thermal and IP-rating over lifetime together with Built-in surge protection, 4KV
- Flexible lumen output via dimming drivers (70 to 700mA)
- 3 CCTs with CRI 70 and 80. Six light distributions, 4 for street/road and 2 for high bay
- IP-rated combination tailored for street/road and high bay applications

Benefits

- Outstanding performance
- Maximum flexibility
- Easy installation and maintenance, minimum assembly time
- Practical portfolio offer
- System proposition with 5 year warranty



Product specifications

Product type	Product code
	12NC
Fortimo FastFlex IP 6KLM 730 II-S	929001427780
Fortimo FastFlex IP 6KLM 730 II-M	929001427880
Fortimo FastFlex IP 6KLM 730 III-S	929001427980
Fortimo FastFlex IP 6KLM 730 III-M	929001428080
Fortimo FastFlex IP 6KLM 740 II-S	929001428180
Fortimo FastFlex IP 6KLM 740 II-M	929001428280
Fortimo FastFlex IP 6KLM 740 III-S	929001428380
Fortimo FastFlex IP 6KLM 740 III-M	929001428480
Fortimo FastFlex IP 6KLM 757 II-S	929001428580
Fortimo FastFlex IP 6KLM 757 II-M	929001428680
Fortimo FastFlex IP 6KLM 757 III-S	929001428780
Fortimo FastFlex IP 6KLM 757 III-M	929001428880
Fortimo FastFlex IP 6KLM UHE 730 II-S	929001464080
Fortimo FastFlex IP 6KLM UHE 730 II-M	929001464180

Product specifications

Product type	Product code
	12NC
Fortimo FastFlex IP 6KLM UHE 730 III-S	929001464280
Fortimo FastFlex IP 6KLM UHE 730 III-M	929001464380
Fortimo FastFlex IP 6KLM UHE 740 II-S	929001464480
Fortimo FastFlex IP 6KLM UHE 740 II-M	929001464580
Fortimo FastFlex IP 6KLM UHE 740 III-S	929001464680
Fortimo FastFlex IP 6KLM UHE 740 III-M	929001464780
Fortimo FastFlex IP 6KLM UHE 757 II-S	929001464880
Fortimo FastFlex IP 6KLM UHE 757 II-M	929001464980
Fortimo FastFlex IP 6KLM UHE 757 III-S	929001465080
Fortimo FastFlex IP 6KLM UHE 757 III-M	929001465180
Fortimo FastFlex IP 5KLM 840 HB-60	929001428980
Fortimo FastFlex IP 5KLM 840 HB-90	929001429080
Fortimo FastFlex IP 5KLM 857 HB-60	929001429180
Fortimo FastFlex IP 5KLM 857 HB-90	929001429280
Fortimo FastFlex IP 10KLM 740 25D	929002814480
Fortimo FastFlex IP 10KLM 757 25D	929002814580
Fortimo FastFlex IP 6.5KLM 740 12D	929002814680
Fortimo FastFlex IP 6.5KLM 757 12D	929002814780

Fortimo FastFlex IP66 Multi-connectors

Product specifications

Product type	Product code
	12NC
FastFlex IP Multi-connector 1-3	929001429380
FastFlex IP Multi-connector 1-5	929001429480
FastFlex IP flying wires connector	929001465280

Industrial Drivers

Portfolio

Industrial Drivers	Dimming			Basic Features and Performances	
	Dali Dim	1-10V	SimpleSet	Adjust Output Current	Housing/Installation
Core	No	Yes	No	No	IP67
	No	Yes	No	Yes	IP65

Coming soon!

Xitanium WideLine Round Shape Highbay LED Driver 100/150/200/240W

Xitanium WideLine Round Shape Highbay Drivers are designed to deliver high performance, flexibility and full suitability to OEM customers and end-users. These drivers come with an efficient, robust and reliable design capable to withstand the harsh industrial operating conditions while, enabling highest efficiency to luminaires.



Xitanium Dimmable Single Current High Bay

Our Xitanium Single Current Dimmable LED Outdoor Drivers are specifically designed to deliver reliable performance and protection while meeting the strict performance, approbation and application requirements. The products are long-lasting and requires low maintenance.

Features
- 1-10V dimming interface
- Real IP 67 with 50,000 hours lifetime

Benefits
- Easy to deisgn in
- Offers peace of mind and lower maintenance cost



Product specifications

Product Type	Product Code	Housing Type	Housing	Max output power	Output Current	Output Voltage	Dimensions	Surge Protection CM/DM	Dimming	Aux	SimpleSet
	12NC			W	A	V	mm	kV			
Xitanium Dim 100W 1.05A 1-10V 230V I165	929001407980	IP67	I165	100	1.05	46-95	167 X 65 X 73	6/4	1-10V	No	No
Xitanium Dim 100W 1.05A 1-10V 230V I165C	929001425680	IP67	I165	100	1.05	46-95	167 X 65 X 73	6/4	1-10V	No	No
Xitanium Dim 150W 1.05A 1-10V 230V I165	929001407880	IP67	I165	150	1.05	71-142	167 X 65 X 73	6/4	1-10V	No	No
Xitanium Dim 150W 1.05A 1-10V 230V I165C	929001425580	IP67	I165	150	1.05	71-142	167 X 65 X 73	6/4	1-10V	No	No
Xitanium Dim 220W 1.05A 1-10V 230V I240	929001407780	IP67	I240	220	1.05	100-210	244 X 65 X 73	6/4	1-10V	No	No
Xitanium Dim 220W 1.05A 1-10V 230V I240C	929001408980	IP67	I240	220	1.05	100-210	244 X 65 X 73	6/4	1-10V	No	No

Xitanium Round Shape High Bay Drivers

Our Xitanium round shape high bay drivers are designed to deliver high performance, flexibility and full suitability thru their global input, adjustable output current, dimming, high ambient temperature ratings as well as IP65 rating. These drivers come with an efficient, robust and reliable design capable to withstand the harsh industrial operating conditions while, enabling highest efficiency to your luminaires. Their dimming and adjustable current capabilities enables wider flexibility in adjusting light output complemented by the compact round size.

Features
- Support Global mains: 220-240V or 100-277V
- Auxiliary Power Supply (12V, 200mA)
- High efficiency: 95%
- Adjustment of output current
- High ambient temperature rating: 40-60°C
- Independent IP65 rate

Benefits
- Reliably to operate anywhere around the world
- Provides more application possibilities to end user
- Reduces energy cost
- Widely flexibility by adjusting light output and output current
- Offers peace of mind and reduce maintenance cost





Product specifications

Product Type	Product Code	Housing Type	Housing	Max output power	Output Curent	Output Voltage	Dimensions	Surge Protection CM/DM	Dimming	Aux	SimpleSet
	12NC			W	A	V	mm	kV			
Xi 100W 0.35-0.55A 1-10V 100-277V RI132	929002815080	IP65	Round	100	0.35-0.55	160-260	129 x 60	4/4	1-10V	Yes	No
Xi 150W 0.52-0.84A 1-10V 100-277V RI132	929002815180	IP65	Round	150	0.52-0.84	160-260	129 x 60	4/4	1-10V	Yes	No
Xi 200W 0.66-1.10A 1-10V 100-277V RI132	929002815280	IP65	Round	200	0.66-1.10	160-260	132 x 66	4/4	1-10V	Yes	No
Xi 240W 0.82-1.35A 1-10V 100-277V RI132	929002845680	IP65	Round	240	0.82-1.35	160-260	132 x 66	4/4	1-10V	Yes	No
Xi 100W 0.35-0.55A 1-10V 100-277V RI132S	929002815380	IP65	Round	100	0.35-0.55	160-260	129 x 60	4/4	1-10V	Yes	No
Xi 150W 0.52-0.84A 1-10V 100-277V RI132S	929002815480	IP65	Round	150	0.52-0.84	160-260	129 x 60	4/4	1-10V	Yes	No
Xi 200W 0.66-1.10A 1-10V 100-277V RI132S	929002815580	IP65	Round	200	0.66-1.10	160-260	132 x 66	4/4	1-10V	Yes	No
Xi 240W 0.82-1.35A 1-10V 100-277V RI132S	929002845580	IP65	Round	240	0.82-1.35	160-260	132 x 66	4/4	1-10V	Yes	No
Xi 100W 0.35-0.55A 1-10V GL AUX RI132	929002825280	IP65	Round	100	0.35-0.55	160-260	129 x 60	4/4	1-10V	Yes	No
Xi 150W 0.52-0.84A 1-10V GL AUX RI132	929002825380	IP65	Round	150	0.52-0.84	160-260	129 x 60	4/4	1-10V	Yes	No
Xi 200W 0.66-1.10A 1-10V GL AUX RI132	929002825480	IP65	Round	200	0.66-1.10	160-260	132 x 66	4/4	1-10V	Yes	No
Xi 240W 0.82-1.35A 1-10V GL AUX RI132	929002845880	IP65	Round	240	0.82-1.35	160-260	132 x 66	4/4	1-10V	Yes	No
Xi 100W 0.35-0.55A 1-10V GL AUX RI132S	929002825580	IP65	Round	100	0.35-0.55	160-260	129 x 60	4/4	1-10V	Yes	No
Xi 150W 0.52-0.84A 1-10V GL AUX RI132S	929002825680	IP65	Round	150	0.52-0.84	160-260	129 x 60	4/4	1-10V	Yes	No
Xi 200W 0.66-1.10A 1-10V GL AUX RI132S	929002825780	IP65	Round	200	0.66-1.10	160-260	132 x 66	4/4	1-10V	Yes	No
Xi 240W 0.82-1.35A 1-10V GL AUX RI132S	929002845780	IP65	Round	240	0.82-1.35	160-260	132 x 66	4/4	1-10V	Yes	No
Xi 100W 0.35-0.55A WL RI129	**929003402580**	**IP65**	**Round**	**100**	**0.35-0.55**	**160-260**	**129 X 63**	**4/4**	**No**	**No**	**No**
Xi 150W 0.52-0.84A WL RI129	**929003402680**	**IP65**	**Round**	**150**	**0.52-0.84**	**160-260**	**129 X 63**	**4/4**	**No**	**No**	**No**
Xi 200W 0.66-1.1A WL RI129	**929003402780**	**IP65**	**Round**	**200**	**0.66-1.10**	**160-260**	**129 X 63**	**4/4**	**No**	**No**	**No**
Xi 240W 0.82-1.35A WL RI129	**929003402880**	**IP65**	**Round**	**240**	**0.82-1.35**	**160-260**	**129 X 63**	**4/4**	**No**	**No**	**No**
Xi 100W 0.35-0.55A WL RI129S	**929003402980**	**IP65**	**Round**	**100**	**0.35-0.55**	**160-260**	**129 X 63**	**4/4**	**No**	**No**	**No**
Xi 150W 0.52-0.84A WL RI129S	**929003403080**	**IP65**	**Round**	**150**	**0.52-0.84**	**160-260**	**129 X 63**	**4/4**	**No**	**No**	**No**
Xi 200W 0.66-1.1A WL RI129S	**929003403180**	**IP65**	**Round**	**200**	**0.66-1.10**	**160-260**	**129 X 63**	**4/4**	**No**	**No**	**No**
Xi 240W 0.82-1.35A WL RI129S	**929003403280**	**IP65**	**Round**	**240**	**0.82-1.35**	**160-260**	**129 X 63**	**4/4**	**No**	**No**	**No**

COMING SOON

Industrial Modules

Fortimo High Bay

Fortimo High Bay and Fortimo High Bay HE are integrated LED modules with IP65 protection, optics and heat management. The Fortimo HE version offers best-in-class high energy efficacy and high quality of light while, Fortimo version offers optimized value for money - with integrated lens.
The Fortimo High Bay G2 series is designed to enable LED lighting in Industry (high-bay) applications - warehouses, factories, large-format retail stores. A range of compatible IP65 Xitanium round shape high bay drivers complement this High Bay lighting solution in order to further differentiate on efficacy and lifetime under extreme temperature conditions.

Features

- LED module with heatsink, optics and IP65 rating
- High energy efficacy of 145 lm/W (standard) and 170 lm/W(HE), at module level
- Four lumen levels: 10K, 15K, 20K and 25K lumens with three CCTs: 4000K, 5700K and 6500K CRI >80
- Two light distributions: 60° and 90°, via integrated lens (standard) or external reflector(HE)
- High protection against mechanical impact, IK07

Benefits

- Reliable and robust design, capable of withstanding harsh industrial operating conditions
- Wide flexibility by adjusting light output and output current
- Easy to design-in and assemble; simple set and forget
- Best-in-class energy savings to maximize TCOO
- Extremely long lifetime, fitting with high bay industrial applications





Fortimo High Bay G2 Modules

Product type	Product code	Module effiency typical	Beam Angle °	Correlated color temperature	Color Consistency	SurgeRating DM/CM	IP Rate
	12NC	lm/W	lm	K	SDCM	kV	Hours
Fortimo High Bay Module 10KLM 840 60 G2	929002855180	145	60	4000	<5	4/4	IP65
Fortimo High Bay Module 15KLM 840 60 G2	929002855280	145	60	4000	<5	4/4	IP65
Fortimo High Bay Module 20KLM 840 60 G2	929002855380	145	60	4000	<5	4/4	IP65
Fortimo High Bay Module 25KLM 840 60 G2	929002855480	145	60	4000	<5	4/4	IP65
Fortimo High Bay Module 10KLM 857 60 G2	929002855580	145	60	5700	<5	4/4	IP65
Fortimo High Bay Module 15KLM 857 60 G2	929002855680	145	60	5700	<5	4/4	IP65
Fortimo High Bay Module 20KLM 857 60 G2	929002855780	145	60	5700	<5	4/4	IP65
Fortimo High Bay Module 25KLM 857 60 G2	929002855880	145	60	5700	<5	4/4	IP65
Fortimo High Bay Module 10KLM 865 60 G2	929002855980	145	60	6500	<5	4/4	IP65
Fortimo High Bay Module 15KLM 865 60 G2	929002856080	145	60	6500	<5	4/4	IP65
Fortimo High Bay Module 20KLM 865 60 G2	929002856180	145	60	6500	<5	4/4	IP65
Fortimo High Bay Module 25KLM 865 60 G2	929002856280	145	60	6500	<5	4/4	IP65
Fortimo High Bay Module 10KLM 840 90 G2	929002857780	145	90	4000	<5	4/4	IP65
Fortimo High Bay Module 15KLM 840 90 G2	929002857880	145	90	4000	<5	4/4	IP65
Fortimo High Bay Module 20KLM 840 90 G2	929002857980	145	90	4000	<5	4/4	IP65
Fortimo High Bay Module 25KLM 840 90 G2	929002858080	145	90	4000	<5	4/4	IP65
Fortimo High Bay Module 10KLM 857 90 G2	929002858180	145	90	5700	<5	4/4	IP65
Fortimo High Bay Module 15KLM 857 90 G2	929002858280	145	90	5700	<5	4/4	IP65
Fortimo High Bay Module 20KLM 857 90 G2	929002858380	145	90	5700	<5	4/4	IP65
Fortimo High Bay Module 25KLM 857 90 G2	929002858480	145	90	5700	<5	4/4	IP65
Fortimo High Bay Module 10KLM 865 90 G2	929002858580	145	90	6500	<5	4/4	IP65
Fortimo High Bay Module 15KLM 865 90 G2	929002858680	145	90	6500	<5	4/4	IP65
Fortimo High Bay Module 20KLM 865 90 G2	929002858780	145	90	6500	<5	4/4	IP65
Fortimo High Bay Module 25KLM 865 90 G2	929002858880	145	90	6500	<5	4/4	IP65

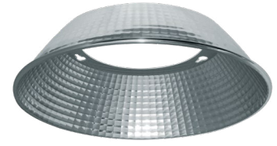
Fortimo High Bay

Fortimo High Bay HE G2 Modules

Product type	Product code	Module effiency typical	Beam Angle	Correlated color temperature	Color Consistency	SurgeRating DM/CM	IP Rate
	12NC	lm/W	lm	K	SDCM	kV	Hours
Fortimo High Bay Module HE 10KLM 840 G2	929002856380	170	60/90/115	4000	<5	4/4	IP65
Fortimo High Bay Module HE 15KLM 840 G2	929002856480	170	60/90/115	4000	<5	4/4	IP65
Fortimo High Bay Module HE 20KLM 840 G2	929002856580	170	60/90/115	4000	<5	4/4	IP65
Fortimo High Bay Module HE 25KLM 840 G2	929002856680	170	60/90/115	4000	<5	4/4	IP65
Fortimo High Bay Module HE 10KLM 857 G2	929002856780	170	60/90/115	5700	<5	4/4	IP65
Fortimo High Bay Module HE 15KLM 857 G2	929002856880	170	60/90/115	5700	<5	4/4	IP65
Fortimo High Bay Module HE 20KLM 857 G2	929002856980	170	60/90/115	5700	<5	4/4	IP65
Fortimo High Bay Module HE 25KLM 857 G2	929002857080	170	60/90/115	5700	<5	4/4	IP65
Fortimo High Bay Module HE 10KLM 865 G2	929002857180	170	60/90/115	6500	<5	4/4	IP65
Fortimo High Bay Module HE 15KLM 865 G2	929002857280	170	60/90/115	6500	<5	4/4	IP65
Fortimo High Bay Module HE 20KLM 865 G2	929002857380	170	60/90/115	6500	<5	4/4	IP65
Fortimo High Bay Module HE 25KLM 865 G2	929002857480	170	60/90/115	6500	<5	4/4	IP65

Product specifications

Product type	Product code
	12NC
Reflector High Bay 210MM 60D	929001465980
Reflector High Bay 210MM 90D	929001466080
Reflector High Bay 270MM 60D	929001433080
Reflector High Bay 270MM 90D	929001433180



Recommended Drivers for Fortimo High Bay (FHB) Modules can be found through the Philips Easy Design-in tool. Please visit our website at www.lighting.philips.com.sg/oem-asia

Compatible Driver Power & Module Flux

RSHB Driver Power	HB Module G2 Flux							
	Fortimo				Fortimo HE			
	10K	15K	20K	25K	10K	15K	20K	25K
100W	OK				OK	OK		
150W		OK	OK				OK	OK
200W				OK				

Compatible Driver & Module Series

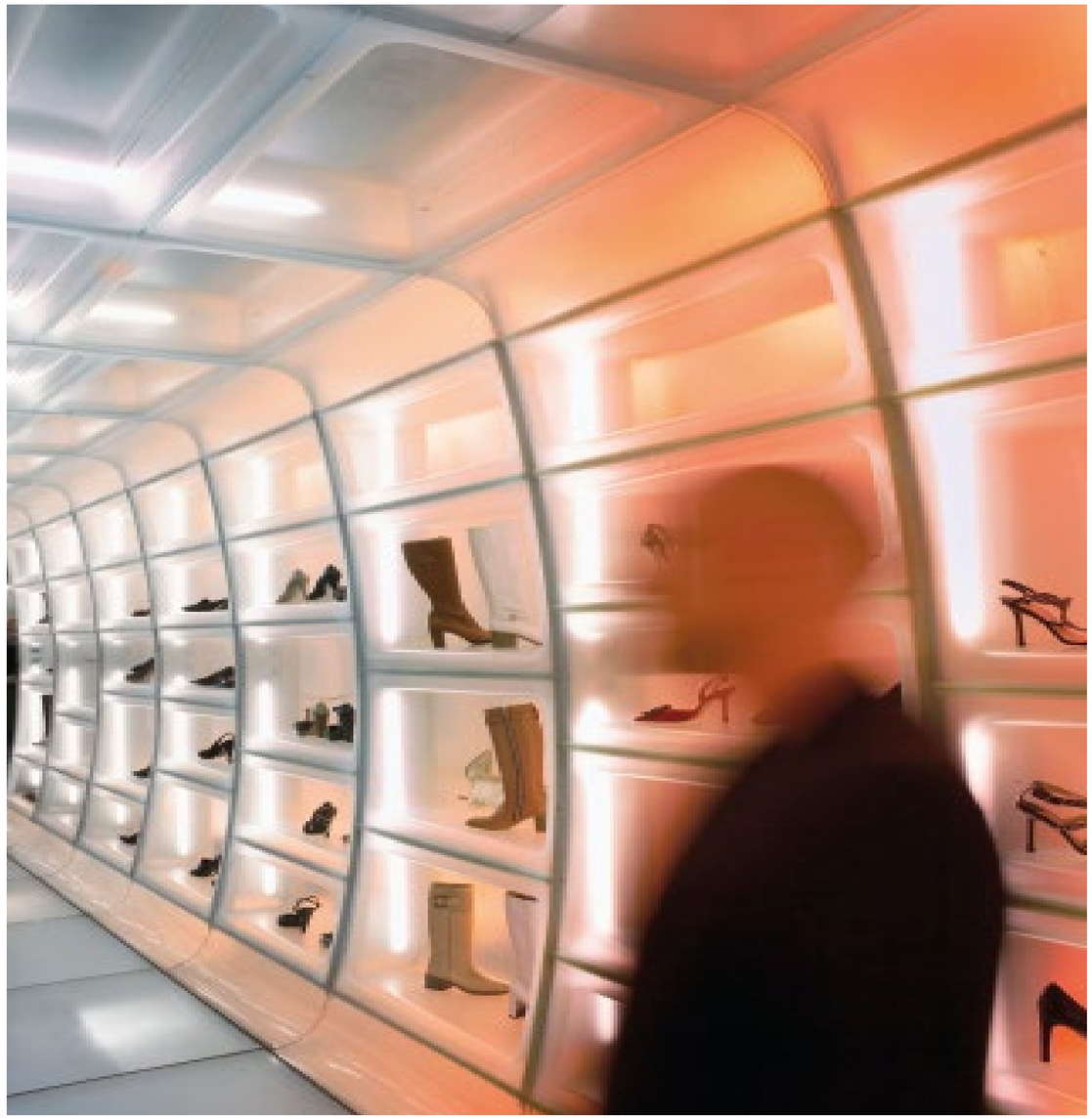
Xitanium RSHB Driver Series	High Bay Module G2 Series	
	Fortimo	Fortimo HE
230V Dim & no-Aux	No	No
100-277V No-Dim & no-Aux	Yes (basic solution)	Yes (basic solution)
100-277V Dim & no-Aux	Yes (optional solution)	Yes (optional solution)
100-277V Dim & Aux	Yes (optional solution)	Yes (optional solution)

Indoor Point Drivers

Making you part of the new age!

Portfolio

Indoor Point Driver	Control and Dimming			Features and Performance		
	MasterConnect	Dali &SR Dim	TE Dim	SimpleSet	Dip Switch	Driver lifetime (hours)
Xitanium Program	Yes	Yes	No	Yes	No	50,000
Xitanium	No	No	Yes	No	Yes	50,000
CertaDrive	No	No	No	No	No	30,000



Point New Products

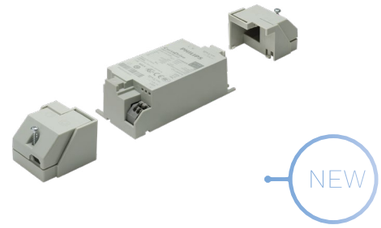
Just released!

Xitanium Track Master Connect
See page 53



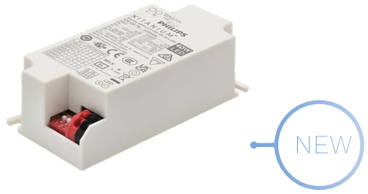
MasterConnect has increased the product family to track driver. The track MasterConnect driver enable simple, cost effective wireless lighting system for energy saving and comfort.

CertaDrive Mini G3
See page 60



CertaDrive Mini family has 3rd generation. The main improvement part is the low ripple output which gives no-flicking feature.

Xitanium Mini DS
See page 56



Xitanium Mini has extended product family by using dip switch. Customer can easily adjust output current by dip switch which is a simple, cost effective method.

CertaDrive G3
See page 61



CertaDrive family has 3rd generation. The main improvement part is the low ripple which gives no-flicking feature.

Xitanium MasterConnect

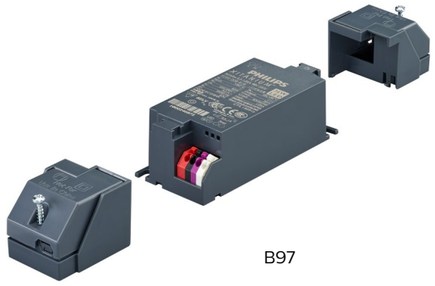
Xitanium wireless LED drivers are designed to operate LED solutions for general lighting applications. They enable simple, cost effective wireless lighting system for energy saving and comfort. Advanced design of the wireless drivers helps to build a simple, scalable and standardized connected lighting with dierent functionalities from simple wireless dimming to cloud based operations and integration with gateways. The Xitanium FlexTune wireless drivers make it possible to create excellent Tunable White systems without compromising on quality of light. The unique FlexTune dimming feature ensures flicker-free dimming performance down to 1% over the full CCT range.

Features

- Wireless control and Dimmable
- Flextune features
- Ajustable output current by SimpleSet
- Low ripple current
- 50,000 hours lifetime

Benefits

- Enabling simple, scalable and standardized conneted lighting system
- Excellent dimming and colour tuning quanlity
- Wide range of use cases from standalone to cloud based/gateway operations
- Flicker-free dimming down to 1% over the full CCT range
- High reliability underpinned by 5 year warranty



B97



I108



I124

Product specifications

Product type	Order Code	Simple-Set	Housing	Max Output Power(W)	Output Current(A)	Output Voltage(V)	Dimensions (mm)	Dimming
Xitanium 36W/m 0.15-1.05A 54V MC 230V	929002133006	Yes	B97	36.00	0.15~0.5	24~54	97x43x30	MC Wireless
Xi 45W 0.3-1.2A 48V MC FlexTune 230V	**929002827080**	**Yes**	**I108**	**45.00**	**0.3~1.2**	**24~48**	**115x45x29**	**MC Tunable White**
Xitanium 42W/a 0.15-1.05A 42V MC 3CB	**929002851206**	**Yes**	**I224**	**42.00**	**0.15~1.05**	**10~48**	**224x31x44**	**MC Wireless**
Xitanium 42W/a 0.15-1.05A 42V MC 3CW	**929002847406**	**Yes**	**I224**	**42.00**	**0.15~1.05**	**10~48**	**224x31x44**	**MC Wireless**
Xitanium 42W/a 0.15-1.05A 42V MC 3CG	**929002851306**	**Yes**	**I224**	**42.00**	**0.15~1.05**	**10~48**	**224x31x44**	**MC Wireless**

NEW

Product type	Order code
Strain Relief Blocks DALI	929001430906

Xitanium Dali and SR

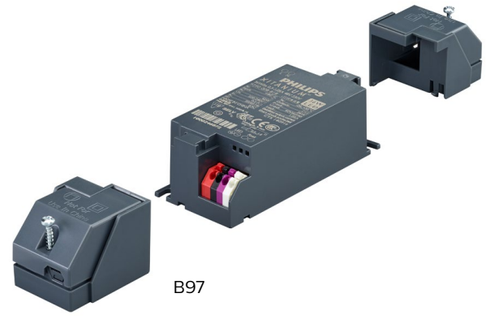
Our Xitanium programmable window LED drivers ensure OEMs have complete flexibility and control in producing high quality luminaires. Available in application dedicated form factors, our LED point drivers provide further customization via wide operating windows. Additionally, almost all drivers feature the following specifications: SELV, temperature derating, hot wiring, providing OEMs the tools to produce, and even alter later if necessary.

Features

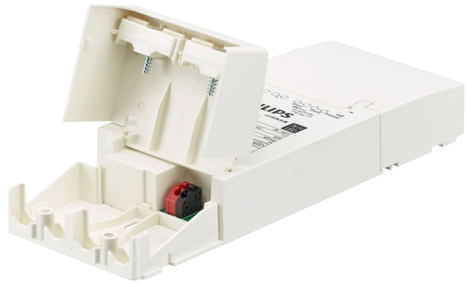
- Dali and Touch Dim Dimmable
- Ajustable output current by SimpleSet
- Low ripple
- 50,000 hours lifetime

Benefits

- Drivers designed based on Philips experience and knowledge in converntional fluorescent and HID technologies
- Dali 2.0 and Philips SR compatible which provide reliable line control lighting system
- Future-proof flexbility: application-oriented operating windows enable LED generation and complexity management
- High reliability underpinned by 5 year warranty



B97



I200

Product specifications

Description	Order Code	Simple-Set	Housing	Max Output Power(W)	Output Current(A)	Output Voltage(V)	Dimensions (mm)	Dimming
Xitanium 20W /m 0.15-0.5A 54V S TD 230V	929001485106	Yes	B97	20	0.15~0.5	24~54	97x43x30	Dali
Xitanium 36W /m 0.3-1.05A 54V S TD 230V	929001485206	Yes	B97	36	0.3~1.05	24~54	97x43x30	Dali
Xitanium 36W WH 0.15-1.05A 54V TD/Is	**929002861906**	**Yes**	**I200**	**36**	**0.15~1.05**	**24~54**	**200x74x32**	**Dali**
Xitanium 50W WH 0.7-1.5A 54V TD/Is	**929002862006**	**Yes**	**I200**	**50**	**0.7~1.5**	**24~54**	**200x74x32**	**Dali**
Xitanium 20W WH 0.15-0.5A 54V SR Is 230V	**929002861106**	**Yes**	**I200**	**20**	**0.15~0.5**	**24~54**	**200x74x32**	**Dali and SR**
Xitanium 36W WH 0.3-1.05A 54V SR Is 230V	**929002861206**	**Yes**	**I200**	**36**	**0.3~1.05**	**24~54**	**200x74x32**	**Dali and SR**
Xitanium 50W WH 0.7-1.5A 54V SR Is 230V	**929002861306**	**Yes**	**I200**	**50**	**0.7~1.5**	**24~54**	**200x74x32**	**Dali and SR**

NEW

Product type	Order code
Strain Relief Blocks DALI	929001430906

Xitanium Single Current (Mini SC Family)

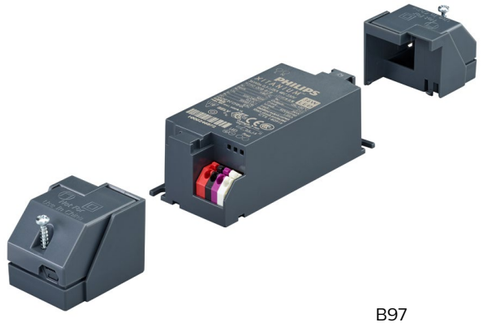
Xitanium Mini driver have the same form of convensional HID-Prima vision driver which is widely used in downlight and spot light. The single current mini family product most affordable small size driver within Mini family

Features

- HID-Prima vision mini form with small size
- Low ripple current
- +/-8% output current tolerance
- 50,000 hours lifetime

Benefits

- Drivers designed based on Philips experience and knowledge in convern tional fluorescent and HID technologies
- Very small size whichi is easy to be designed in lumanire
- Resolve flickering issue in certain applications



B97

Product specifications

Product type	Order Code	Dip Switch	Housing	Max Out-put Power	Output Current	Output Voltage	Dimensions	Dimming
				W	A	V	mm	
Xitanium 10W/m 0.35A 30V SC 230V	929002113106	No	B97	10	0.35	20-30	97x43x30	No
Xitanium 16W/m 0.35A 46V SC 230V	929002113206	No	B97	16	0.35	31-46	97x43x30	No
Xitanium 21W/m 0.7A 30V SC 230V	929002113306	No	B97	21	0.70	20-30	97x43x30	No
Xitanium 23W/m 0.5A 46V SC 230V	929002104906	No	B97	23	0.50	31-46	97x43x30	No
Xitanium 28W/m 0.6A 46V SC 230V	929002105006	No	B97	28	0.60	31-46	97x43x30	No
Xitanium 32W/m 0.7A 46V SC 230V	929002105106	No	B97	32	0.70	31-46	97x43x30	No
Xitanium 34W/m 0.8A 42V SC 230V	929002105206	No	B97	34	0.80	30-42	97x43x30	No
Xitanium 38W/m 0.9A 42V SC 230V	929002113406	No	B97	38	0.90	20-42	97x43x30	No
Xitanium 46W/m 1.0A 46V SC 230V	929002172606	No	B97	46	1.00	31-46	97x43x30	No
Xitanium 48W/m 1.05A 46V SC 230V	929002113506	No	B97	48	1.05	31-46	97x43x30	No

Product type	Order code
Strain Relief Blocks *	929001461680

Xitanium Single Current (Mini DS Family)

Xitanium Mini driver have the same form of convensional HID-Prima vision driver which is widely used in downlight and spot light. The Dip switch family product can provide upto 8 selection output.

Features

- HID-Prima vision mini form with small size
- 8 Selectable output currents by dip switch
- Low ripple current
- +/-5% output current tolerance
- 50,000 hours lifetime

Benefits

- Drivers designed based on Philips experience and knowledge in converntional fluorescent and HID technologies
- Very small size whichi is easy to be designed in lumanire
- Resolve flickering issue in certain applications
- Provide both independent and built-in version for easy usage



B97



I156

NEW

Product specificaitons

Description	Order Code	Dip Switch	Housing	Max Output Power(W)	Output Current(A)	Output Voltage(V)	Dimensions(mm)	Dimming
Xitanium 20W/m 0.15-0.5A 44V DS S 230V	**929002879606**	**Yes**	**B97**	**20**	**0.15-0.5**	**5-44**	**97x43x30**	**No**
Xitanium 30W/m 0.35-0.7A 44V DS S 230V	**929002879706**	**Yes**	**B97**	**30**	**0.35-0.7**	**5-44**	**97x43x30**	**No**
Xitanium 40W/m 0.7-1.05A 44V DS S 230V	**929002879806**	**Yes**	**B97**	**40**	**0.7-1.05**	**5-44**	**97x43x30**	**No**
Xitanium 20W/m 0.15-0.5A 44V DS I 230V	**929002880006**	**Yes**	**I156**	**20**	**0.15-0.5**	**5-44**	**156x43x30**	**No**
Xitanium 30W/m 0.35-0.7A 44V DS I 230V	**929002880106**	**Yes**	**I156**	**30**	**0.35-0.7**	**5-44**	**156x43x30**	**No**
Xitanium 40W/m 0.7-1.05A 44V DS I 230V	**929002880206**	**Yes**	**I156**	**40**	**0.7-1.05**	**5-44**	**156x43x30**	**No**

Xitanium Single Current G2/G3

This range provides an affordable selection of point drivers which have 50,000 hours lifetime. The driver specially addresses the flickering issues by low ripple current, making this ideal for camera operation.

Features

- Selectable output current by dip switch
- 4kV/2kV surge of 50W/59W/64W
- Low ripple current
- +/- 8% output current tolerance
- 50,000 hours lifetime

Benefits

- Drivers designed based on Philips experience and knowledge in converntional fluorescent and HID technologies
- Various power wattage drivers that are related to the lumen packages/applications
- Independent version housing design for stand-alone installations
- Resolve flickering issue in certain applications



I115



I108

Product specifications

Product type	Order Code	Dip Switch	Housing	Max Output Power	Output Current	Output Voltage	Dimensions	Dimming
	12NC	Yes/No		W	A	V	mm	
Xitanium 15W 0.2-0.35A 42V DS I 230V G3	929002808806	Yes	I115	15	0.2/0.25/0.3/0.35	30-42	115x45x29	No
Xitanium 25W 0.45-0.6A 42V DS I 230V G3	929002808906	Yes	I115	25	0.45/0.5/0.55/0.6	30-42	115x45x29	No
Xitanium 36W 0.7-0.85A 42V DS I 230V G3	929002809006	Yes	I108	36	0.7/0.75/0.8/0.85	30-42	108x68x32	No
Xitanium 44W 0.9-1.05A 42V DS I 230V G3	929002809106	Yes	I108	44	0.9/0.95/1.0/1.05	30-42	108x68x32	No
Xitanium 50W 1.1/1.2A 42V I 230V G2	929001423380	No	I108	50	1.1/1.2	30-42	108x68x32	No
Xitanium 59W 1.3/1.4A 42V I 230V G2	929001423480	No	I108	59	1.3/1.4	30-42	108x68x32	No
Xitanium 64W 1.5/1.6A 40V I 230V G2	929001423580	No	I108	64	1.5/1.6	30-40	108x68x32	No

Xitanium Single Current TE

This range provides an affordable selection of point drivers which have 50,000 hours lifetime. The driver provide trailing-edge dimmable features which is popular dimming method.

Features

- Dual current output for 24W/32W/42W
- Low ripple current
- +/- 8% output current tolerance
- 50,000 hours lifetime

Benefits

- Drivers designed based on Philips experience and knowledge in converntional fluorescent and HID technologies
- Various power wattage drivers that are related to the lumen packages/applications
- Independent version housing design for stand-alone installations
- Very small size whichi is easy to be designed in lumanire



B100



i108

Product specifications

Product type	Order Code	Dip Switch	Housing	Max Output Power	Output Current	Output Voltage	Dimensions	Dimming
				W	A	V	mm	
Xitanium 4W 0.1A 40V TE SC 230V	929001420706	No	B100	4	0.1	29-40	100x50x19	Trailing-Edge
Xitanium 6W 0.15A 40V TE SC 230V	929001420806	No	B100	6	0.15	29-40	100x50x19	Trailing-Edge
Xitanium 7W 0.35A 20V TE SC 230V	929001420906	No	B100	7	0.35	8-20	100x50x19	Trailing-Edge
Xitanium 8W 0.2A 40V TE SC 230V	929001421006	No	B100	8	0.2	29-40	100x50x19	Trailing-Edge
Xitanium 10W 0.25A 40V TE SC 230V	929001421106	No	B100	10	0.25	29-40	100x50x19	Trailing-Edge
Xitanium 10W 0.5A 20V TE SC 230V	929001421206	No	B100	10	0.5	8-20	100x50x19	Trailing-Edge
Xitanium 14W 0.35A 40V TE SC 230V	929001421306	No	B100	14	0.35	29-40	100x50x19	Trailing-Edge
Xitanium 15W 0.75A 20V TE SC 230V	929001421406	No	B100	15	0.75	8-20	100x50x19	Trailing-Edge
Xitanium 24W 0.5/0.6A 40V TE 230V	929002804906	No	I108	24	0.5/0.6	30-40	108x68x32	Trailing-Edge
Xitanium 32W 0.7/0.8A 40V TE 230V	929002805006	No	I108	32	0.7/0.8	30-40	108x68x32	Trailing-Edge
Xitanium 42W 0.9A/1.05A 40V TE 230V	929002805106	No	I108	42	0.9/1.05	30-40	108x68x32	Trailing-Edge

Product type	Order code
Strain Relief Block TE	929001431106

Xitanium Track Adaptor Driver G2 (3 circuits)

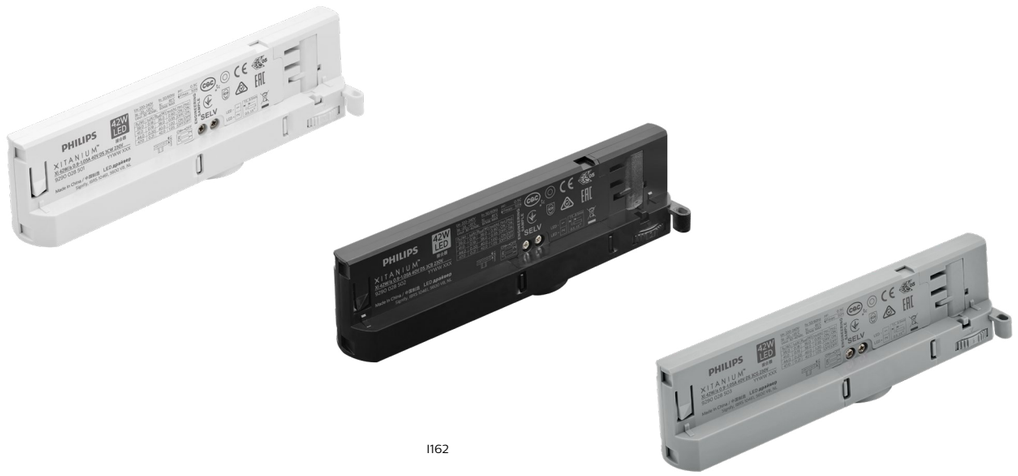
Track adaptor driver 3 circuits G2 provide current selection by dipswitch with smaller housing size which give custome more flexibility.

Features

- Selectable output current by dip switch
- White/Black/Grey colour avilable
- Low ripple current
- +/- 8% output current tolerance
- 50,000 hours lifetime

Benefits

- Drivers designed based on Philips experience and knowledge in converntional fluo rescent and HID technologies
- Various power wattage drivers that are related to the lumen packages/applications
- Track adaptor housing design for minimization of track light luminaire
- Standard nipples as accessory for easy usage



I162

Product specifications

Product type	Order Code	Dip Switch	Housing	Max Output Power	Output Current	Output Voltage	Dimensions	Dimming
				W	A	V	mm	
Xi 14W/a 0.2-0.35A 40V DS 3CW 230V	**929002849280**	**Yes**	**I162**	**14**	**0.2/0.25/0.3/0.35**	**30-40**	**162x31x44**	**No**
Xi 26W/a 0.5-0.65A 40V DS 3CW 230V	**929002849580**	**Yes**	**I162**	**26**	**0.5/0.55/0.6/0.65**	**30-40**	**162x31x44**	**No**
Xi 34W/a 0.7-0.85A 40V DS 3CW 230V	929002849880	Yes	I162	34	0.7/0.75/0.8/0.85	30-40	162x31x44	No
Xi 42W/a 0.9-1.05A 40V DS 3CW 230V	**929002850180**	**Yes**	**I162**	**42**	**0.9/0.95/1.0/1.05**	**30-40**	**162x31x44**	**No**
Xi 14W/a 0.2-0.35A 40V DS 3CB 230V	929002849380	Yes	I162	14	0.2/0.25/0.3/0.35	30-40	162x31x44	No
Xi 26W/a 0.5-0.65A 40V DS 3CB 230V	**929002849680**	**Yes**	**I162**	**26**	**0.5/0.55/0.6/0.65**	**30-40**	**162x31x44**	**No**
Xi 34W/a 0.7-0.85A 40V DS 3CB 230V	929002849980	Yes	I162	34	0.7/0.75/0.8/0.85	30-40	162x31x44	No
Xi 42W/a 0.9-1.05A 40V DS 3CB 230V	**929002850280**	**Yes**	**I162**	**42**	**0.9/0.95/1.0/1.05**	**30-40**	**162x31x44**	**No**
Xi 14W/a 0.2-0.35A 40V DS 3CG 230V	929002849480	Yes	I162	14	0.2/0.25/0.3/0.35	30-40	162x31x44	No
Xi 26W/a 0.5-0.65A 40V DS 3CG 230V	**929002849780**	**Yes**	**I162**	**26**	**0.5/0.55/0.6/0.65**	**30-40**	**162x31x44**	**No**
Xi 34W/a 0.7-0.85A 40V DS 3CG 230V	929002850080	Yes	I162	34	0.7/0.75/0.8/0.85	30-40	162x31x44	No
Xi 42W/a 0.9-1.05A 40V DS 3CG 230V	**929002850380**	**Yes**	**I162**	**42**	**0.9/0.95/1.0/1.05**	**30-40**	**162x31x44**	**No**

NEW

Product type	Order code
Nipples X1 white	929001476880
Nipples X1 black	929001476980
Nipples X1 grey	929001477006

CertaDrive Mini Family

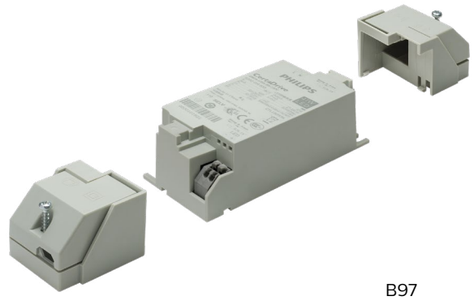
CertaDriver Mini have the same form of convensional HID-Prima vision driver which is widely used in downlight and spot light. The single current mini family product most affordable small size driver within Mini family

Features

- HID-Prima vision mini form with small size
- Low ripple current
- +/- 8% output current tolerance
- 30,000 hours lifetime

Benefits

- Drivers designed based on Philips experience and knowledge in converntional fluorescent and HID technologies
- Very small size whichi is easy to be designed in lumanire
- Resolve flickering issue in certain applications



B97

Product specifications

Product type	Dip Switch	Dip Switch	Housing	Max Power	Output	Output Current	Output Voltage	Dimensions	Dimming
				W		A	V	mm	
CertaDrive 21W/m 0.5A 42V 230V	929002860580	No	B97	21		0.5	30-42	97x43x30	No
CertaDrive 25W/m 0.6A 42V 230V	929002860680	No	B97	25		0.6	30-42	97x43x30	No
CertaDrive 30W/m 0.7A 42V 230V	929002860780	No	B97	30		0.7	30-42	97x43x30	No
CertaDrive 34W/m 0.8A 42V 230V	929002860880	No	B97	34		0.8	30-42	97x43x30	No
CertaDrive 40W/m 0.9A 44V 230V	929002860980	No	B97	40		0.9	30-44	97x43x30	No
CertaDrive 41W/m 1.05A 39V 230V	929002861080	No	B97	41		1.05	27-39	97x43x30	No
CertaDrive 21W/m 0.5A 42V 230V G2	**929003387680**	**No**	**B97**	**21**		**0.5**	**30-42**	**97x43x30**	**No**
CertaDrive 25W/m 0.6A 42V 230V G2	**929003387780**	**No**	**B97**	**25**		**0.6**	**30-42**	**97x43x30**	**No**
CertaDrive 30W/m 0.7A 42V 230V G2	**929003387880**	**No**	**B97**	**30**		**0.7**	**30-42**	**97x43x30**	**No**
CertaDrive 34W/m 0.8A 42V 230V G2	**929003387980**	**No**	**B97**	**34**		**0.8**	**30-42**	**97x43x30**	**No**
CertaDrive 40W/m 0.9A 44V 230V G2	**929003388080**	**No**	**B97**	**40**		**0.9**	**30-44**	**97x43x30**	**No**
CertaDrive 41W/m 1.05A 39V 230V G2	**929003388180**	**No**	**B97**	**41**		**1.05**	**27-39**	**97x43x30**	**No**

NEW

Product type	Order code
Strain Relief Block CertaDrive	929001463980

CertaDrive Single Current G3 (low ripple)

These fixed current drivers offer an easy to use solution for essential spot, downlight applications. The CertaDrive range is designed to meet the market needs for basic lighting. They are therefore ideal for high volume applications and can be used with different type LED light engines. These driver are optimized for Chip On Board (COB) LED technology and are avilable in a variety of wattages

Features

- Low ripple current
- +/- 8% output current tolerance
- 30,000 hours life time

Benefits

- Drivers designed based on Philips experience and knowledge in conventional fluorescent and HID technologies
- Various power wattage drivers that are related to the lumen packages/applications
- Fixed output drivers
- Independent version housing design for stand-alone installations



I115



I108

Product specifications

NEW

Product type	Order Code	Dip Switch	Housing	Max Power	Output	Output Current	Output Voltage	Dimensions	Dimming
				W		A	V	mm	
CertaDrive 8W 0.2A 42V I 230V G2	**929001421780**	**No**	**I115**	**8**		**0.2**	**30-42**	**115x45x29**	**No**
CertaDrive 11W 0.25A 42V I 230V G2	**929001421880**	**No**	**I115**	**11**		**0.25**	**30-42**	**115x45x29**	**No**
CertaDrive 13W 0.3A 42V I 230V G2	**929001421980**	**No**	**I115**	**13**		**0.3**	**30-42**	**115x45x29**	**No**
CertaDrive 15W 0.35A 42V I 230V G2	**929001422080**	**No**	**I115**	**15**		**0.35**	**30-42**	**115x45x29**	**No**
CertaDrive 17W 0.4A 42V I 230V G2	**929001422180**	**No**	**I115**	**17**		**0.4**	**30-42**	**115x45x29**	**No**
CertaDrive 19W 0.45A 42V I 230V G2	**929001422280**	**No**	**I115**	**19**		**0.45**	**30-42**	**115x45x29**	**No**
CertaDrive 21W 0.5A 42V I 230V G2	**929001422380**	**No**	**I115**	**21**		**0.5**	**30-42**	**115x45x29**	**No**
CertaDrive 25W 0.6A 42V I 230V G3	929002819380	No	I108	25		0.6	30-42	108x68x32	No
CertaDrive 30W 0.7A 42V I 230V G3	929002819480	No	I108	30		0.7	30-42	108x68x32	No
CertaDrive 34W 0.8A 42V I 230V G3	929002819580	No	I108	34		0.8	30-42	108x68x32	No
CertaDrive 38W 0.9A 42V I 230V G3	929002819680	No	I108	38		0.9	30-42	108x68x32	No
CertaDrive 44W 1.05A 42V I 230V G3	929002819780	No	I108	44		1.05	30-42	108x68x32	No

CertaDrive Single Current (LPF Family)

These fixed current drivers offer an easy to use solution for essential spot, downlight applications. The CertaDrive LPF range is designed to meet the market needs for basic lighting. They are therefore ideal for high volume applications and can be used with different type LED light engines. These drivers have very small size and are optimized for low power factor application
Application: downlight, tack light and spot light

Features

- Low power factor
- Low ripple current
- +/- 10% output current tolerance
- 30,000 hours life time

Benefits

- Drivers designed based on Philips experience and knowledge in conventional fluorescent and HID technologies
- Various power wattage drivers that are related to the lumen packages/applications
- Independent version housing design for stand-alone installations



I88



I101

Product specifications

NEW

Product type	Order Code	Dip Switch	Housing	Max Output Power	Output Current	Output Voltage	Dimension	Dimming
				W	A	V	mm	
CertaDrive 4W 0.1A 40V LPF I 230V	929002878080	No	I88	4	0.1	30-40	88x39x32	No
CertaDrive 6W 0.15A 40V LPF I 230V	929002878180	No	I88	6	0.15	30-40	88x39x32	No
CertaDrive 8W 0.2A 40V LPF I 230V	929002878280	No	I88	8	0.2	30-40	88x39x32	No
CertaDrive 10W 0.5A 20V LPF I 230V	929002878380	No	I88	10	0.25	30-40	88x39x22	No
CertaDrive 12W 0.3A 40V LPF I 230V	929002878480	No	I88	12	0.3	30-40	88x39x22	No
CertaDrive 14W 0.35A 40V LPF I 230V	**929002878580**	**No**	**I101**	**14**	**0.35**	**30-40**	**101x41x28**	**No**
CertaDrive 16W 0.4A 40V LPF I 230V	**929002878680**	**No**	**I101**	**16**	**0.4**	**30-40**	**101x41x28**	**No**
CertaDrive 18W 0.45A 40V LPF I 230V	**929002878780**	**No**	**I101**	**18**	**0.45**	**30-40**	**101x41x28**	**No**
CertaDrive 20W 0.5A 40V LPF I 230V	**929002878880**	**No**	**I101**	**20**	**0.5**	**30-40**	**101x41x28**	**No**

CertaDrive Track Adaptor Driver (1 circuits)

Track adaptor driver is a great innovation to minimize the track light luminaire in a most reliable and cost effect way.
Application: tack light and spot light (1 circuit 3 Wires system)

Features

- White/Black/Grey colour avilable
- Low ripple current
- +/- 8% output current tolerance
- 30,000 hours lifetime

Benefits

- Drivers designed based on Philips experience and knowledge in conventional fluorescent and HID technologies
- Various power wattage drivers that are related to the lumen packages/applications
- Track adaptor housing design for minimization of track light luminaire
- Standard nipples as accessory for easy usage



I169

Product specifications

Product type	Order Code	Dip Switch	Housing	Max Output Power	Output Current	Output Voltage	Dimension	Dimming
				W	A	V	mm	
CertaDrive 10W/a 0.2/0.25A 40V 1CW 230V	929002823780	No	I129	10	0.2/0.25	30-40	129x37x48	No
CertaDrive 20W/a 0.35/0.5A 40V 1CW 230V	929002823880	No	I129	20	0.35/0.5	30-40	129x37x48	No
CertaDrive 30W/a 0.7/0.75A 40V 1CW 230V	929002823980	No	I129	30	0.7/0.75	30-40	129x37x48	No
CertaDrive 34W/a 0.8/0.85A 40V 1CW 230V	929002824080	No	I129	34	0.8/0.85	30-40	129x37x48	No
CertaDrive 41W/a 0.9/1.05A 39V 1CW 230V	929002824180	No	I129	41	0.9/1.05	30-39	129x37x48	No
CertaDrive 10W/a 0.2/0.25A 40V 1CB 230V	929002824280	No	I129	10	0.2/0.25	30-40	129x37x48	No
CertaDrive 20W/a 0.35/0.5A 40V 1CB 230V	929002824380	No	I129	20	0.35/0.5	30-40	129x37x48	No
CertaDrive 30W/a 0.7/0.75A 40V 1CB 230V	929002824480	No	I129	30	0.7/0.75	30-40	129x37x48	No
CertaDrive 34W/a 0.8/0.85A 40V 1CB 230V	929002824580	No	I129	34	0.8/0.85	30-40	129x37x48	No
CertaDrive 41W/a 0.9/1.05A 39V 1CB 230V	929002824680	No	I129	41	0.9/1.05	30-39	129x37x48	No
CertaDrive 10W/a 0.2/0.25A 40V 1CG 230V	929002824780	No	I129	10	0.2/0.25	30-40	129x37x48	No
CertaDrive 20W/a 0.35/0.5A 40V 1CG 230V	929002824880	No	I129	20	0.35/0.5	30-40	129x37x48	No
CertaDrive 30W/a 0.7/0.75A 40V 1CG 230V	929002824980	No	I129	30	0.7/0.75	30-40	129x37x48	No
CertaDrive 34W/a 0.8/0.85A 40V 1CG 230V	929002825080	No	I129	34	0.8/0.85	30-40	129x37x48	No
CertaDrive 41W/a 0.9/1.05A 39V 1CG 230V	929002825180	No	I129	41	0.9/1.05	30-39	129x37x48	No

Product type	Order code
Nipples X1 white	929001476806
Nipples X1 black	929001476906
Nipples X1 grey	929001477006

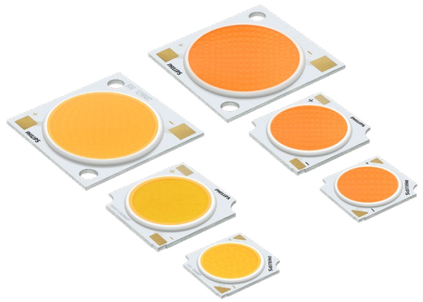


Light that sells

SLM New Products

Just released!

Fortimo SLM Gen7 New Footprint
See page 79



NEW

The footprint most common in the SLM industry, is now also available in the Signify SLM family. With this, the leading efficacy and quality of light of Fortimo SLM latest platforms, are now available to OEMs who prefer this footprint. On top of the addition to the most widely used footprint, Fortimo SLM G7 new footprint covers Super Efficacy, Premium White color platform.

Fortimo SLM Gen7

Fortimo SLM Gen7 continues to focus on the combination of Quality of Light, Energy efficacy and miniaturization in a future proof and backwards compatible portfolio. This results in an extensive portfolio of lumen ranges, CCTs and spectra. In parallel, +8% efficacy is achieved on average vs Gen6. Please also check the online Easy Design-in Tool for your perfect system combination(www.easydesigntool.com).
Applications: Retail, Industry & Outdoor

Features

- Broad portfolio in terms of CCT 2700K, 3000K, 3500K, 4000K, 5000K, 5700K & CRI 80, 90 available
- Flexibility to select a different lumen output between 800 and 10000lm
- System Proposition (CoB+Holder+Driver)
- Large choice of drivers available, including DALI dimming, Xitanium, Certaflux
- 50,000 hours lifetime @ Tc life

Benefits

- Best quality of light for all applications
- Standard/Permium White/ availalbe
- Flexibility to optimize luminaire performance
- A reliable & flexible system approach
- Philips Standard warranty applies.

Fortimo SLM HE(Super 90) Gen7

With a significant improvement of efficiency in CRI90 range, the new introduced Fortimo SLM HE(Super 90) Gen7 provides +10% efficacy vs current main runners in the market without sacrifice on Quality of Light performance such as Vivid White color etc, and with improvement of color consistency to 2 SDCM. Please also check the online Easy Design-in Tool for your perfect system combination(www.easydesigntool.com).



Product specifications

Product type	Product code	Light Outpout	Module Power	Module Efficacy	Color Temperature	Color Rendering	Color Consistency	Tc Life	B50/L70 at Tc Life
	12NC	lm	W	lm/W	K	Ra	SDCM	℃	hrs
Fortimo SLM C 930 PW 1202 L06 1215 G7 HE	929002833306	898	6.8	132	3000	>90	2	85	> 50,000
Fortimo SLM C 930 PW 1203 L09 1619 G7 HE	929002833406	1435	10.3	139	3000	>90	2	85	> 50,000
Fortimo SLM C 930 PW 1204 L09 1619 G7 HE	929002833506	1758	13.6	129	3000	>90	2	85	> 50,000
Fortimo SLM C 930 PW 1205 L13 2024 G7 HE	929002833606	2471	17.1	144	3000	>90	2	85	> 50,000
Fortimo SLM C 930 PW 1206 L13 2024 G7 HE	929002844006	2845	20.5	139	3000	>90	2	85	> 50,000
Fortimo SLM C 930 PW 1208 L15 2024 G7 HE	929002833706	3716	25.5	146	3000	>90	2	85	> 50,000
Fortimo SLM C 930 PW 1211 L19 2828 G7 HE	929002833806	5789	41.6	139	3000	>90	2	85	> 50,000
Fortimo SLM C 930 PW 1216 L23 2828 G7 HE	929002835206	7711	55	140	3000	>90	2	85	> 50,000
Fortimo SLM C 930 PC 1202 L06 1215 G7 HE	929002833906	834	6.8	123	3000	>90	2	75	> 50,000
Fortimo SLM C 930 PC 1203 L09 1619 G7 HE	929002834006	1307	10.3	127	3000	>90	2	75	> 50,000
Fortimo SLM C 930 PC 1204 L09 1619 G7 HE	929002834106	1633	13.6	120	3000	>90	2	75	> 50,000
Fortimo SLM C 930 PC 1205 L13 2024 G7 HE	929002834206	2252	17.1	132	3000	>90	2	75	> 50,000
Fortimo SLM C 930 PC 1208 L15 2024 G7 HE	929002834306	3387	25.5	133	3000	>90	2	85	> 50,000
Fortimo SLM C 930 PC 1211 L19 2828 G7 HE	929002834406	5277	41.6	127	3000	>90	2	85	> 50,000
Fortimo SLM C 930 PC 1216 L23 2828 G7 HE	929002835306	7029	55.0	128	3000	>90	2	85	> 50,000

Compatible LED Drivers

The Fortimo LED SLM portfolio is compatible with multiple Xitanium & Certa LED drivers. For a detailed overview of all available in-door point drivers, pls go to the Xitanium Indoor Point driver section at pages 53-59 or the Certa Indoor Point driver section at pages 60-63. To find the best driver module combination for your application, the Easy Design-in Tool is available via philips.com/technology. Below table shows which Xitanium and Certa LED driver window is compatible by default with Fortimo LED SLM.

Product type	Product code	COB						
	12NC	1202	1203	1204	1205	1208	1211	1216
Smart Point LED Drivers								
Xitanium 36W/m 0.3-1.05A 54V TD 230V	929001419106			√	√	√		
Xitanium 20W WH 0.15-0.5A 54V TD/Is 230V	929000991706	√	√	√	√			
Xitanium 36W WH 0.3-1A 54V TD/Is 230V	929000969906			√	√	√		
Xitanium 50W WH 0.7-1.5A 54V TD/Is 230V	929000991806					√	√	√
Fixed Point LED Drivers								
Xitanium 20W WH 0.15-0.5 54V Is	929001413906	√	√	√	√			
Xitanium 20W WH 0.15-0.5A 54V S	929001416506	√	√	√	√			
Xitanium 36W WH 0.3-1.05A 54V Is	929001414006			√	√	√		
Xitanium 36W WH 0.3-1.05A 54V S	929001466606			√	√	√		
Xitanium 50W WH 0.7-1.5A 54V Is	929001416806					√	√	√
Xitanium 50W WH 0.7-1.5A 54V S	929001416706					√	√	√
Xitanium 20W/m 0.15-0.5A 54V 230V	929001415006	√	√	√	√			
Xitanium 20W/m 0.15-0.5A 48V 230V	929000893806	√	√	√	√			
Xitanium 36W/m 0.3-1.05A 54V 230V	929001415106		√	√	√	√		
Xitanium 36W/m 0.3-1.05A 48V 230V	929000881806			√	√	√		
Xitanium 50W/m 0.7-1.5A 54V 230V	929001415306					√	√	√
Xitanium 50W/m 0.7-1.5A 48V 230V	929000934606					√	√	√
Fixed Peak Point LED Drivers								
Xitanium 16W/m 0.35A 46V SC 230V	929001412380	√	√	√	√			
Xitanium 23W/m 0.5A 46V SC 230V	929001412480	√	√	√	√	√	√	√
Xitanium 32W/m 0.7A 46V SC 230V	929001412680			√	√	√	√	√
Xitanium 15W 0.35A 42V I 230V	929001410180	√	√	√	√			
Xitanium 21W 0.5A 42V I 230V	929001410280			√	√			
Xitanium 32W 0.7/0.75A 42V I 230V G2	929001418380			√	√	√	√	√
Xitanium 44W 1.0/1.05A 42V I 230V G2	929001418680			√	√	√	√	√
CertaDrive 10W 0.25A 40V LPF I 230V	929001410006	√	√					
CertaDrive 12W 0.3A 40V LPF I 230V	929001409506	√	√					
CertaDrive 15W 0.35A 42V I 230V	929000898106	√	√	√	√	√		
CertaDrive 20W 0.5A 40V I 230V	929000898006	√	√	√	√	√		
CertaDrive 30W 0.7A 42V I 230V G2	929001414280			√	√	√	√	
CertaDrive 34W 0.8A 42V I 230V G2	929001414380			√	√	√	√	
CertaDrive 38W 0.9A 42V I 230V G2	929001414480			√	√	√	√	√
CertaDrive 44W 1.05A 42V I 230V G2	929001414580			√	√	√	√	√

* Check the Xitanium indoor point driver portfolio on pages 53 - 59 for all available drivers with the operating window you need.

** For more & latest combination, please always check the Easy Design-in Tool.

Fortimo SLM Premium Color Gen7

Fortimo SLM Premium Color Gen7 continues to focus on the combination of Quality of Light, Energy efficacy and miniaturization in a future proof and backwards compatible portfolio. This results in an extensive portfolio of lumen ranges, CCTs and spectra. In parallel, +8% efficacy is achieved on average vs Gen6. Please also check the online Easy Design-in Tool for your perfect system combination(www.easydesigntool.com).



1211 1208 1205 1203 1202

Product specifications

Product type	Product code	Light Outpout	Module Power	Module Efficacy	Color Temperature	Color Rendering	Color Consistency	Tc Life	B50/L70 at Tc Life
	12NC	lm	W	lm/W	K	Ra	SDCM	°C	hrs
Fortimo SLM C 930 PC 1203 L09 1619 G7	929001647706	1190	10.3	115	3000	> 90	3	85	> 50,000
Fortimo SLM C 930 PC 1205 L13 2024 G7	929001647806	2040	17.2	119	3000	> 90	3	85	> 50,000
Fortimo SLM C 930 PC 1208 L15 2024 G7	929001647906	3070	25.6	120	3000	> 90	3	85	> 50,000
Fortimo SLM C 930 PC 1211 L19 2828 G7	929001648006	4880	41.6	117	3000	> 90	3	85	> 50,000
Fortimo SLM C 930 PC 1216 L23 2828 G7	929001648106	6430	55	117	3000	> 90	3	85	> 50,000

Fortimo SLM Premium Color Gen7

Compatible LED Drivers

The Fortimo LED SLM portfolio is compatible with multiple Xitanium & Certa LED drivers. For a detailed overview of all available Indoor Point drivers, pls go to the Xitanium indoor point driver section at pages 53-59 or the Certa Indoor Point driver section at pages 60-63. To find the best driver module combination for your application, the Easy Design-in Tool is available via philips.com/technology. Below table shows which Xitanium and Certa LED driver window is compatible by default with Fortimo LED SLM.

Product specifications

Product type	Product code	COB				
	12NC	1203	1205	1208	1211	1216
Smart Point LED Drivers						
Xitanium 36W/m 0.3-1.05A 54V TD 230V	929001419106		√	√		
Xitanium 20W WH 0.15-0.5A 54V TD/Is 230V	929000991706	√	√			
Xitanium 36W WH 0.3-1A 54V TD/Is 230V	929000969906		√	√		
Xitanium 50W WH 0.7-1.5A 54V TD/Is 230V	929000991806					√
Fixed Point LED Drivers						
Xitanium 20W WH 0.15-0.5 54V Is	929001413906	√	√			
Xitanium 20W WH 0.15-0.5A 54V S	929001416506	√	√			
Xitanium 36W WH 0.3-1.05A 54V Is	929001414006		√	√		
Xitanium 36W WH 0.3-1.05A 54V S	929001416606		√			
Xitanium 50W WH 0.7-1.5A 54V Is	929001416806			√	√	√
Xitanium 50W WH 0.7-1.5A 54V S	929001416706					Ö
Xitanium 20W/m 0.15-0.5A 54V 230V	929001415006	√	√			
Xitanium 20W/m 0.15-0.5A 48V 230V	929000893806	√	√			
Xitanium 36W/m 0.3-1.05A 54V 230V	929001415106	√	√	√		
Xitanium 36W/m 0.3-1.05A 48V 230V	929000881806		√			
Xitanium 50W/m 0.7-1.5A 54V 230V	929001415306			√	√	√
Xitanium 50W/m 0.7-1.5A 48V 230V	929000934606					√
Fixed Peak Point LED Drivers						
Xitanium 16W/m 0.35A 46V SC 230V	929001412380	√	√			
Xitanium 23W/m 0.5A 46V SC 230V	929001412480	√	√			√
Xitanium 32W/m 0.7A 46V SC 230V	929001412680		√	√	√	√
Xitanium 15W 0.35A 42V I 230V	929001410180	√	√			
Xitanium 21W 0.5A 42V I 230V	929001410280		√			
Xitanium 32W 0.7/0.75A 42V I 230V G2	929001418380		√			√
Xitanium 44W 1.0/1.05A 42V I 230V G2	929001418680		√	√	√	√
CertaDrive 10W 0.25A 40V LPF I 230V	929001410006	√				
CertaDrive 12W 0.3A 40V LPF I 230V	929001409506	√				
CertaDrive 15W 0.35A 42V I 230V	929000898106	√	√			
CertaDrive 20W 0.5A 40V I 230V	929000898006	√	√	√		
CertaDrive 30W 0.7A 42V I 230V G2	929001414280		√			
CertaDrive 34W 0.8A 42V I 230V G2	929001414380		√	√	√	
CertaDrive 38W 0.9A 42V I 230V G2	929001414480		√			√
CertaDrive 44W 1.05A 42V I 230V G2	929001414580		√	√	√	√

* Check the Xitanium Indoor Point driver portfolio on pages 53-59 for all available drivers with the operating window you need.

** For more & latest combination, please always check the Easy Design-in Tool.

Fortimo SLM Premium White Gen7

Fortimo SLM Premium White Gen7 continues to focus on the combination of Quality of Light, Energy efficacy and miniaturization in a future proof and backwards compatible portfolio. This results in an extensive portfolio of lumen ranges, CCTs and spectra. In parallel, +8% efficacy is achieved on average vs Gen6. Please also check the online Easy Design-in Tool for your perfect system combination(www.easydesigntool.com).
Application: retail, industry and outdoor.



1216 1211 1208 1205 1204 1203 1202

Product specifications

Product type	Product code	Light Outpout	Module-Power	Module Efficacy	Color Temperature	Color Rendering	Color Consistency	Tc Life	B50/L70 at Tc Life
	12NC	lm	W	lm/W	K	Ra	SDCM	°C	hrs
Fortimo SLM C 830 PW 1202 L06 1215 G7	929001582606	1400	12.8	109	3000	> 80	3	85	> 50,000
Fortimo SLM C 930 PW 1202 L06 1215 G7	929001582706	1200	12.8	93	3000	> 90	3	85	> 50,000
Fortimo SLM C 935 PW 1202 L06 1215 G7	929001582806	1270	12.8	99	3500	> 90	3	85	> 50,000
Fortimo SLM C 940 PW 1202 L06 1215 G7	929001582906	1300	12.8	101	4000	> 90	3	85	> 50,000
Fortimo SLM C 830 PW 1203 L09 1619 G7	929001584606	1510	10.3	146	3000	> 80	3	85	> 50,000
Fortimo SLM C 930 PW 1203 L09 1619 G7	929001584706	1280	10.3	124	3000	> 90	3	85	> 50,000
Fortimo SLM C 935 PW 1203 L09 1619 G7	929001584806	1350	10.3	131	3500	> 90	3	85	> 50,000
Fortimo SLM C 940 PW 1203 L09 1619 G7	929001584906	1390	10.3	135	4000	> 90	3	85	> 50,000
Fortimo SLM C 830 PW 1204 L09 1619 G7	929001586606	2771	25.7	108	3000	> 80	3	75	> 50,000
Fortimo SLM C 930 PW 1204 L09 1619 G7	929001586706	2320	25.7	90	3000	> 90	3	75	> 50,000
Fortimo SLM C 935 PW 1204 L09 1619 G7	929001586806	2451	25.7	95	3500	> 90	3	75	> 50,000
Fortimo SLM C 940 PW 1204 L09 1619 G7	929001586906	2518	25.7	98	4000	> 90	3	75	> 50,000
Fortimo SLM C 830 PW 1205 L13 2024 G7	929001588606	2570	17.2	150	3000	> 80	3	85	> 50,000
Fortimo SLM C 930 PW 1205 L13 2024 G7	929001588706	2190	17.2	128	3000	> 90	3	85	> 50,000
Fortimo SLM C 935 PW 1205 L13 2024 G7	929001588806	2300	17.2	134	3500	> 90	3	85	> 50,000
Fortimo SLM C 940 PW 1205 L13 2024 G7	929001588906	2360	17.2	138	4000	> 90	3	85	> 50,000
Fortimo SLM C 830 PW 1208 L15 2024 G7	929001590606	3840	25.4	151	3000	> 80	3	85	> 50,000
Fortimo SLM C 930 PW 1208 L15 2024 G7	929001590706	3270	25.4	129	3000	> 90	3	85	> 50,000
Fortimo SLM C 935 PW 1208 L15 2024 G7	929001590806	3440	25.4	135	3500	> 90	3	85	> 50,000
Fortimo SLM C 940 PW 1208 L15 2024 G7	929001590906	3530	25.4	139	4000	> 90	3	85	> 50,000
Fortimo SLM C 830 PW 1211 L19 2828 G7	929001592606	6190	41.6	149	3000	> 80	3	85	> 50,000
Fortimo SLM C 930 PW 1211 L19 2828 G7	929001592706	5310	41.6	128	3000	> 90	3	85	> 50,000
Fortimo SLM C 935 PW 1211 L19 2828 G7	929001592806	5540	41.6	133	3500	> 90	3	85	> 50,000
Fortimo SLM C 940 PW 1211 L19 2828 G7	929001592906	5720	41.6	137	4000	> 90	3	85	> 50,000
Fortimo SLM C 830 PW 1216 L23 2828 G7	929001594606	8130	55.0	148	3000	> 80	3	85	> 50,000
Fortimo SLM C 930 PW 1216 L23 2828 G7	929001594706	6930	55.0	126	3000	> 90	3	85	> 50,000
Fortimo SLM C 935 PW 1216 L23 2828 G7	929001594806	7270	55.0	132	3500	> 90	3	85	> 50,000
Fortimo SLM C 940 PW 1216 L23 2828 G7	929001594906	7470	55.0	136	4000	> 90	3	85	> 50,000

Fortimo SLM Premium White Gen7

Compatible LED Drivers

The Fortimo LED SLM portfolio is compatible with multiple Xitanium & Certa LED drivers. For a detailed overview of all available Indoor Point drivers, pls go to the Xitanium Indoor Point driver section at page 53-59 or the Certa Indoor Point driver section at page 60-63. To find the best driver module combination for your application, the Easy Design-in Tool can help you. Below table shows which Xitanium and Certa LED driver window is compatible by default with Fortimo LED SLM.

Product specifications

Product type	Product code	COB						
	12NC	1202	1203	1204	1205	1208	1211	1216
Smart Point LED Drivers								
Xitanium 36W/m 0.3-1.05A 54V TD 230V	929001419106			√	√	√		
Xitanium 20W WH 0.15-0.5A 54V TD/Is 230V	929000991706	√	√	√	√			
Xitanium 36W WH 0.3-1A 54V TD/Is 230V	929000969906			√	√	√		
Xitanium 50W WH 0.7-1.5A 54V TD/Is 230V	929000991806					√	√	√
Fixed Point LED Drivers								
Xitanium 20W WH 0.15-0.5 54V Is	929001413906	√	√	√	√			
Xitanium 20W WH 0.15-0.5A 54V S	929001416506	√	√	√	√			
Xitanium 36W WH 0.3-1.05A 54V Is	929001414006			√	√	√		
Xitanium 36W WH 0.3-1.05A 54V S	929001416606			√	√	√		
Xitanium 50W WH 0.7-1.5A 54V Is	929001416806					√	√	√
Xitanium 50W WH 0.7-1.5A 54V S	929001416706					√	√	√
Xitanium 20W/m 0.15-0.5A 54V 230V	929001415006	√	√	√	√			
Xitanium 20W/m 0.15-0.5A 48V 230V	929000893806	√	√	√	√			
Xitanium 36W/m 0.3-1.05A 54V 230V	929001415106		√	√	√	√		
Xitanium 36W/m 0.3-1.05A 48V 230V	929000881806			√	√	√		
Xitanium 50W/m 0.7-1.5A 54V 230V	929001415306					√	√	√
Xitanium 50W/m 0.7-1.5A 48V 230V	929000934606					√	√	√
Fixed Peak Point LED Drivers								
Xitanium 16W/m 0.35A 46V SC 230V	929001412380	√	√	√	√			
Xitanium 23W/m 0.5A 46V SC 230V	929001412480	√	√	√	√	√	√	√
Xitanium 32W/m 0.7A 46V SC 230V	929001412680			√	√	√	√	√
Xitanium 15W 0.35A 42V I 230V	929001410180	√	√	√	√			
Xitanium 21W 0.5A 42V I 230V	929001410280			√	√			
Xitanium 32W 0.7/0.75A 42V I 230V G2	929001418380			√	√	√	√	√
Xitanium 44W 1.0/1.05A 42V I 230V G2	929001418680			√	√	√	√	√
CertaDrive 10W 0.25A 40V LPF I 230V	929001410006	√	√					
CertaDrive 12W 0.3A 40V LPF I 230V	929001409506	√	√					
CertaDrive 15W 0.35A 42V I 230V	929000898106	√	√	√	√	√		
CertaDrive 20W 0.5A 40V I 230V	929000898006	√	√	√	√	√		
CertaDrive 30W 0.7A 42V I 230V G2	929001414280			√	√	√	√	
CertaDrive 34W 0.8A 42V I 230V G2	929001414380			√	√	√	√	
CertaDrive 38W 0.9A 42V I 230V G2	929001414480			√	√	√	√	√
CertaDrive 44W 1.05A 42V I 230V G2	929001414580			√	√	√	√	√

* Check the Indoor Point driver portfolio on page 53-63 for all available drivers with the operating window you need.

** For more & latest combination, please always check the Easy Design-in Tool.

Fortimo SLM High Density Gen7+

The latest genertaion of Fortimo LED SLM High Density (G7+) enables higher light ouput of small CoB sizes. The Fortimo High Density(HD) portfolio is perfect for narrow beam high punch applications, but can also be used for miniaturized downlights or spotlight when used with optimized lens optics.
Application: retail, and hospitality



Fortimo High Density Gen7+

Product specifications

Product type	Product code	Light Outpout	Module Power	Module Efficacy	Color Temperature	Color Rendering	Color Consistency	B50/L70 at Tc Life
	12NC	lm	W	lm/W	K	Ra	SDCM	hrs
Fortimo SLM C 827 1202 L06 1215 G7+	929002194506	890	6.8	130	2700	80	3	> 50,000
Fortimo SLM C 830 1202 L06 1215 G7+	929002194606	932	6.8	137	3000	80	3	> 50,000
Fortimo SLM C 835 1202 L06 1215 G7+	929002194706	957	6.8	140	3500	80	3	> 50,000
Fortimo SLM C 840 1202 L06 1215 G7+	929002194806	981	6.8	144	4000	80	3	> 50,000
Fortimo SLM C 850 1202 L06 1215 G7+	929002194906	984	6.8	144	5000	80	3	> 50,000
Fortimo SLM C 857 1202 L06 1215 G7+	929002195006	991	6.8	145	5700	80	3	> 50,000
Fortimo SLM C 927 1202 L06 1215 G7+	929002195106	758	6.8	111	2700	90	3	> 50,000
Fortimo SLM C 930 1202 L06 1215 G7+	929002195206	798	6.8	117	3000	90	3	> 50,000
Fortimo SLM C 830 PW 1202 L06 1215 G7+	929002195306	933	6.8	137	3000	80	3	> 50,000
Fortimo SLM C 930 PW 1202 L06 1215 G7+	929002195406	797	6.8	117	3000	90	3	> 50,000
Fortimo SLM C 935 PW 1202 L06 1215 G7+	929002195506	825	6.8	121	3500	90	3	> 50,000
Fortimo SLM C 940 PW 1202 L06 1215 G7+	929002195606	849	6.8	124	4000	90	3	> 50,000
Fortimo SLM C 930 PC 1202 L06 1215 G7+	929002195706	759	6.8	111	3000	90	3	> 50,000
Fortimo SLM C 827 1204 L09 1619 G7+	929002195806	1793	13.6	131	2700	80	3	> 50,000
Fortimo SLM C 830 1204 L09 1619 G7+	929002195906	1878	13.6	138	3000	80	3	> 50,000
Fortimo SLM C 835 1204 L09 1619 G7+	929002196006	1927	13.6	141	3500	80	3	> 50,000
Fortimo SLM C 840 1204 L09 1619 G7+	929002196106	1972	13.6	145	4000	80	3	> 50,000
Fortimo SLM C 850 1204 L09 1619 G7+	929002196206	1982	13.6	145	5000	80	3	> 50,000
Fortimo SLM C 857 1204 L09 1619 G7+	929002196306	1992	13.6	146	5700	80	3	> 50,000
Fortimo SLM C 927 1204 L09 1619 G7+	929002196406	1531	13.6	112	2700	90	3	> 50,000
Fortimo SLM C 930 1204 L09 1619 G7+	929002196506	1606	13.6	118	3000	90	3	> 50,000
Fortimo SLM C 830 PW 1204 L09 1619 G7+	929002196606	1878	13.6	138	3000	80	3	> 50,000
Fortimo SLM C 930 PW 1204 L09 1619 G7+	929002196706	1607	13.6	118	3000	90	3	> 50,000
Fortimo SLM C 935 PW 1204 L09 1619 G7+	929002196806	1661	13.6	122	3500	90	3	> 50,000
Fortimo SLM C 940 PW 1204 L09 1619 G7+	929002196906	1710	13.6	125	4000	90	3	> 50,000
Fortimo SLM C 930 PC 1204 L09 1619 G7+	929002197006	1526	13.6	112	3000	90	3	> 50,000

Fortimo SLM High Density Gen7+

Compatible LED Drivers

The Fortimo LED SLM portfolio is compatible with multiple Xitanium & Certa LED drivers. For a detailed overview of all available Indoor Point drivers, pls go to the Xitanium Indoor Point driver section at page 53-59 or the Certa Indoor Point driver section at page 60-63. To find the best driver module combination for your application, the Easy Design-in Tool can help you. Below table shows which Xitanium and Certa LED driver window is compatible by default with Fortimo LED SLM.

Product specifications

Product type	Product code	COB	
	12NC	1202	1204
Smart Point LED Drivers			
Xitanium 36W/m 0.3-1.05A 54V TD 230V	929001419106		√
Xitanium 20W WH 0.15-0.5A 54V TD/Is 230V	929000991706	√	√
Xitanium 36W WH 0.3-1A 54V TD/Is 230V	929000969906		√
Fixed Point LED Drivers			
Xitanium 20W WH 0.15-0.5 54V Is	929001413906	√	√
Xitanium 20W WH 0.15-0.5A 54V S	929001416506	√	√
Xitanium 36W WH 0.3-1.05A 54V Is	929001414006		√
Xitanium 36W WH 0.3-1.05A 54V S	929001416606		√
Xitanium 20W/m 0.15-0.5A 54V 230V	929001415006	√	√
Xitanium 20W/m 0.15-0.5A 48V 230V	929000893806	√	√
Xitanium 36W/m 0.3-1.05A 54V 230V	929001415106		√
Xitanium 36W/m 0.3-1.05A 48V 230V	929000881806		√
Fixed Peak Point LED Drivers			
Xitanium 16W/m 0.35A 46V SC 230V	929001412380	√	√
Xitanium 23W/m 0.5A 46V SC 230V	929001412480	√	√
Xitanium 32W/m 0.7A 46V SC 230V	929001412680		√
Xitanium 15W 0.35A 42V I 230V	929001410180	√	√
Xitanium 21W 0.5A 42V I 230V	929001410280		√
Xitanium 32W 0.7/0.75A 42V I 230V G2	929001418380		√
Xitanium 44W 1.0/1.05A 42V I 230V G2	929001418680		√
CertaDrive 10W 0.25A 40V LPF I 230V	929001410006	√	
CertaDrive 12W 0.3A 40V LPF I 230V	929001409506	√	
CertaDrive 15W 0.35A 42V I 230V	929000898106	√	√
CertaDrive 20W 0.5A 40V I 230V	929000898006	√	√
CertaDrive 30W 0.7A 42V I 230V G2	929001414280		√
CertaDrive 34W 0.8A 42V I 230V G2	929001414380		√
CertaDrive 38W 0.9A 42V I 230V G2	929001414480		√
CertaDrive 44W 1.05A 42V I 230V G2	929001414580		√

* Check the Xitanium Indoor Point driver portfolio on pages 53 - 59 for all available drivers with the operating window you need.
** For more & latest combination, please always check the Easy Design-in Tool.

Fortimo SLM Food Gen7

The pleasure of a well-stocked and beautifully presented produce department is highly appreciated by the customers and can't be replaced by online sales. Therefore, fresh food area is one of the main reasons for shopper to make a trip to the retail and further set up a loyalty of the shopper to a specific retail. With the new Fortimo SLM Food Gen7 range introduction, we will help our customers create a perfect ambience in food area with an optimized light solution(module) to differentiate from other retailers and enhance loyalty of their customers. The new Fortimo SLM Food Gen7 range extend from previous Meat & Bakery application to Life Sea Food, Iced Sea Food and Fresh Vegetables.



12011 1208 1205

Fortimo SLM Food Gen7

Product specifications

Product type	Product code	Light Outpout	Module Power	Module Efficacy	Color Temperature	Color Rendering	Color Consistency	Tc Life	B50/L70 at Tc Life	Application
	12NC	lm	W	lm/W	K	Ra	SDCM	°C	hrs	
Fortimo SLM C 930 FPR 1205 L13 2024 G7	929002144106	1615	17.1	94	3000	90	3	85	> 50,000	Meat
Fortimo SLM C 930 FPR 1208 L15 2024 G7	929002144206	2410	25.5	95	3000	90	3	85	> 50,000	Meat
Fortimo SLM C 930 FPR 1211 L19 2828 G7	929002144306	3910	41.6	94	3000	90	3	85	> 50,000	Meat
Fortimo SLM C 925 FWW 1205 L13 2024 G7	929002144406	1524	17.1	89	2500	90	3	85	> 50,000	Bakery
Fortimo SLM C 925 FWW 1208 L15 2024 G7	929002144506	2270	25.5	89	2500	90	3	85	> 50,000	Bakery
Fortimo SLM C 925 FWW 1211 L19 2828 G7	929002144606	3680	41.6	89	2500	90	3	85	> 50,000	Bakery
Fortimo SLM C 950 FLS 1205 L13 2024 G7	929002144706	2202	17.1	129	5000	90	3	85	> 50,000	Live Seafood
Fortimo SLM C 950 FLS 1208 L15 2024 G7	929002144806	3310	25.5	129	5000	90	3	85	> 50,000	Live Seafood
Fortimo SLM C 950 FLS 1211 L19 2828 G7	929002144906	5250	41.6	126	5000	90	3	85	> 50,000	Live Seafood
Fortimo SLM C 865 FIS 1205 L13 2024 G7	929002145006	2360	17.1	138	6500	80	3	85	> 50,000	Iced Seafood
Fortimo SLM C 865 FIS 1208 L15 2024 G7	929002145106	3560	25.5	139	6500	80	3	85	> 50,000	Iced Seafood
Fortimo SLM C 865 FIS 1211 L19 2828 G7	929002145206	5660	41.6	136	6500	80	3	85	> 50,000	Iced Seafood
Fortimo SLM C 930 FVF 1205 L13 2024 G7	929002145306	2040	17.1	119	3000	90	3	85	> 50,000	Vegetable & Fruit
Fortimo SLM C 930 FVF 1208 L15 2024 G7	929002145406	3070	25.5	120	3000	90	3	85	> 50,000	Vegetable & Fruit
Fortimo SLM C 930 FVF 1211 L19 2828 G7	929002145506	4800	41.6	117	3000	90	3	85	> 50,000	Vegetable & Fruit

Fortimo SLM Food Gen7

Compatible LED Drivers

The Fortimo LED SLM portfolio is compatible with multiple Xitanium & Certa LED drivers. For a detailed overview of all available Indoor Point drivers, pls go to the Xitanium Indoor Point driver section at page 53-59 or the Certa Indoor Point driver section at page 60-63. To find the best driver module combination for your application, the Easy Design-in Tool can help you. Below table shows which Xitanium and Certa LED driver window is compatible by default with Fortimo LED SLM.

Product specifications

Product type	Product code		CoB	
	12NC	1205	1208	1211
Smart Point LED Drivers				
Xitanium 36W/m 0.3-1.05A 54V TD 230V	929001419106	√	√	
Xitanium 20W WH 0.15-0.5A 54V TD/Is 230V	929000991706	√		
Xitanium 36W WH 0.3-1A 54V TD/Is 230V	929000969906	√	√	
Xitanium 50W WH 0.7-1.5A 54V TD/Is 230V	929000991806		√	√
Fixed Point LED Drivers				
Xitanium 20W WH 0.15-0.5 54V Is	929001413906	√		
Xitanium 20W WH 0.15-0.5A 54V S	929001416506	√		
Xitanium 36W WH 0.3-1.05A 54V Is	929001414006	√	√	
Xitanium 36W WH 0.3-1.05A 54V S	929001416606	√	√	
Xitanium 50W WH 0.7-1.5A 54V Is	929001416806		√	√
Xitanium 50W WH 0.7-1.5A 54V S	929001416706		√	√
Xitanium 20W/m 0.15-0.5A 54V 230V	929001415006	√		
Xitanium 20W/m 0.15-0.5A 48V 230V	929000893806	√		
Xitanium 36W/m 0.3-1.05A 54V 230V	929001415106	√	√	
Xitanium 36W/m 0.3-1.05A 48V 230V	929000881806	√	√	
Xitanium 50W/m 0.7-1.5A 54V 230V	929001415306		√	√
Xitanium 50W/m 0.7-1.5A 48V 230V	929000934606		√	√
Fixed Peak Point LED Drivers				
Xitanium 16W/m 0.35A 46V SC 230V	929001412380	√		
Xitanium 23W/m 0.5A 46V SC 230V	929001412480	√	√	√
Xitanium 32W/m 0.7A 46V SC 230V	929001412680	√	√	√
Xitanium 15W 0.35A 42V I 230V	929001410180	√		
Xitanium 21W 0.5A 42V I 230V	929001410280	√		
Xitanium 32W 0.7/0.75A 42V I 230V G2	929001418380	√	√	√
Xitanium 44W 1.0/1.05A 42V I 230V G2	929001418680	√	√	√
CertaDrive 10W 0.25A 40V LPF I 230V	929001410006			
CertaDrive 12W 0.3A 40V LPF I 230V	929001409506			
CertaDrive 15W 0.35A 42V I 230V	929000898106	√	√	
CertaDrive 20W 0.5A 40V I 230V	929000898006	√	√	
CertaDrive 30W 0.7A 42V I 230V G2	929001414280	√	√	√
CertaDrive 34W 0.8A 42V I 230V G2	929001414380	√	√	√
CertaDrive 38W 0.9A 42V I 230V G2	929001414480	√	√	√
CertaDrive 44W 1.05A 42V I 230V G2	929001414580	√	√	√

* Check the Xitanium Indoor Point driver portfolio on pages 53 - 59 for all available drivers with the operating window you need.

** For more & latest combination, please always check the Easy Design-in Tool.

Fortimo SLM Standard Gen7

Fortimo SLM Standard Gen7 continues to focus on the combination of Quality of Light, Energy efficacy and miniaturization in a future proof and backwards compatible portfolio. This results in an extensive portfolio of lumen ranges, CCTs and spectra. In parallel, +8% efficacy is achieved on average vs Gen6. Please also check the online Easy Design-in Tool for your perfect system combination(www.easydesigntool.com).
Applications: Retail, Industry & Outdoor

Features

- Broad portfolio in terms of CCT 2700K, 3000K, 3500K, 4000K, 5000K, 5700K & CRI 80, 90 available
- Flexibility to select a different lumen output between 800 and 10000lm
- System Proposition (CoB+Holder+Driver)
- Large choice of drivers available, including DALI dimming, Xitanium, Certaflux
- 50,000 hours lifetime @ Tc life

Benefits

- Best quality of light for all applications
- Standard/Permium White/ availalbe
- Flexibility to optimize luminaire performance
- A reliable & flexible system approach
- Philips Standard warranty applies.



1216 1211 1208 1205 1204 1203 1202

Product specifications

Product type	Product code	Light Outpout	Module Power	Module Efficacy	Color Temperature	Color Rendering	Color Consistency	Tc Life	B50/L70 at Tc Life
	12NC	lm	W	lm/W	K	Ra	SDCM	°C	hrs
Fortimo SLM C 827 1203 L09 1619 G7	929001583806	1490	10.3	144	2700	> 80	3	85	> 50,000
Fortimo SLM C 830 1203 L09 1619 G7	929001583906	1520	10.3	147	3000	> 80	3	85	> 50,000
Fortimo SLM C 840 1203 L09 1619 G7	929001584106	1610	10.3	156	4000	> 80	3	85	> 50,000
Fortimo SLM C 850 1203 L09 1619 G7	929001584206	1610	10.3	156	5000	> 80	3	85	> 50,000
Fortimo SLM C 927 1203 L09 1619 G7	929001584406	1240	10.3	120	2700	> 90	3	85	> 50,000
Fortimo SLM C 930 1203 L09 1619 G7	929001584506	1280	10.3	124	3000	> 90	3	85	> 50,000
Fortimo SLM C 827 1205 L13 2024 G7	929001587806	2540	17.2	148	2700	> 80	3	85	> 50,000
Fortimo SLM C 830 1205 L13 2024 G7	929001587906	2640	17.2	154	3000	> 80	3	85	> 50,000
Fortimo SLM C 835 1205 L13 2024 G7	929001588006	2690	17.2	157	3500	> 80	3	85	> 50,000
Fortimo SLM C 840 1205 L13 2024 G7	929001588106	2750	17.2	160	4000	> 80	3	85	> 50,000
Fortimo SLM C 850 1205 L13 2024 G7	929001588206	2750	17.2	160	5000	> 80	3	85	> 50,000
Fortimo SLM C 927 1205 L13 2024 G7	929001588406	2110	17.2	123	2700	> 90	3	85	> 50,000
Fortimo SLM C 930 1205 L13 2024 G7	929001588506	2190	17.2	128	3000	> 90	3	85	> 50,000
Fortimo SLM C 827 1208 L15 2024 G7	929001589806	3800	25.4	149	2700	> 80	3	85	> 50,000
Fortimo SLM C 830 1208 L15 2024 G7	929001589906	3950	25.4	155	3000	> 80	3	85	> 50,000
Fortimo SLM C 835 1208 L15 2024 G7	929001590006	4030	25.4	159	3500	> 80	3	85	> 50,000
Fortimo SLM C 840 1208 L15 2024 G7	929001590106	4110	25.4	162	4000	> 80	3	85	> 50,000
Fortimo SLM C 850 1208 L15 2024 G7	929001590206	4120	25.4	162	5000	> 80	3	85	> 50,000
Fortimo SLM C 857 1208 L15 2024 G7	929001590306	4100	25.4	161	5700	> 80	3	85	> 50,000
Fortimo SLM C 927 1208 L15 2024 G7	929001590406	3150	25.4	124	2700	> 90	3	85	> 50,000
Fortimo SLM C 930 1208 L15 2024 G7	929001590506	3270	25.4	129	3000	> 90	3	85	> 50,000
Fortimo SLM C 827 1211 L19 2828 G7	929001591806	6110	41.6	147	2700	> 80	3	85	> 50,000
Fortimo SLM C 830 1211 L19 2828 G7	929001591906	6280	41.6	151	3000	> 80	3	85	> 50,000
Fortimo SLM C 835 1211 L19 2828 G7	929001592006	6410	41.6	154	3500	> 80	3	85	> 50,000
Fortimo SLM C 840 1211 L19 2828 G7	929001592106	6630	41.6	159	4000	> 80	3	85	> 50,000
Fortimo SLM C 850 1211 L19 2828 G7	929001592206	6630	41.6	159	5000	> 80	3	85	> 50,000
Fortimo SLM C 857 1211 L19 2828 G7	929001592306	6610	41.6	159	5700	> 80	3	85	> 50,000
Fortimo SLM C 927 1211 L19 2828 G7	929001592406	5070	41.6	122	2700	> 90	3	85	> 50,000
Fortimo SLM C 930 1211 L19 2828 G7	929001592506	5310	41.6	128	3000	> 90	3	85	> 50,000
Fortimo SLM C 827 1216 L23 2828 G7	929001593806	8030	55.0	146	2700	> 80	3	85	> 50,000
Fortimo SLM C 830 1216 L23 2828 G7	929001593906	8220	55.0	149	3000	> 80	3	85	> 50,000
Fortimo SLM C 835 1216 L23 2828 G7	929001594006	8380	55.0	152	3500	> 80	3	85	> 50,000
Fortimo SLM C 840 1216 L23 2828 G7	929001594106	8700	55.0	158	4000	> 80	3	85	> 50,000
Fortimo SLM C 850 1216 L23 2828 G7	929001594206	8710	55.0	158	5000	> 80	3	85	> 50,000
Fortimo SLM C 857 1216 L23 2828 G7	929001594306	8680	55.0	158	5700	> 80	3	85	> 50,000
Fortimo SLM C 927 1216 L23 2828 G7	929001594406	6660	55.0	121	2700	> 90	3	85	> 50,000
Fortimo SLM C 930 1216 L23 2828 G7	929001594506	6930	55.0	126	3000	> 90	3	85	> 50,000

Fortimo SLM Standard Gen7

Compatible LED Drivers

The Fortimo LED SLM portfolio is compatible with multiple Xitanium & Certa LED drivers. For a detailed overview of all available Indoor Point drivers, pls go to the Xitanium Indoor Point driver section at page 53-59 or the Certa Indoor Point driver section at page 60-63. To find the best driver module combination for your application, the Easy Design-in Tool can help you. Below table shows which Xitanium and Certa LED driver window is compatible by default with Fortimo LED SLM.

Product specifications

Product type	Product code	COB						
	12NC	1202	1203	1204	1205	1208	1211	1216
Smart Point LED Drivers								
Xitanium 36W/m 0.3-1.05A 54V TD 230V	929001419106			√	√	√		
Xitanium 20W WH 0.15-0.5A 54V TD/Is 230V	929000991706	√	√	√	√			
Xitanium 36W WH 0.3-1A 54V TD/Is 230V	929000969906			√	√	√		
Xitanium 50W WH 0.7-1.5A 54V TD/Is 230V	929000991806					√	√	√
Fixed Point LED Drivers								
Xitanium 20W WH 0.15-0.5 54V Is	929001413906	√	√	√	√			
Xitanium 20W WH 0.15-0.5A 54V S	929001416506	√	√	√	√			
Xitanium 36W WH 0.3-1.05A 54V Is	929001414006			√	√	√		
Xitanium 36W WH 0.3-1.05A 54V S	929001416606			√	√	√		
Xitanium 50W WH 0.7-1.5A 54V Is	929001416806					√	√	√
Xitanium 50W WH 0.7-1.5A 54V S	929001416706					√	√	√
Xitanium 20W/m 0.15-0.5A 54V 230V	929001415006	√	√	√	√			
Xitanium 20W/m 0.15-0.5A 48V 230V	929000893806	√	√	√	√			
Xitanium 36W/m 0.3-1.05A 54V 230V	929001415106		√	√	√	√		
Xitanium 36W/m 0.3-1.05A 48V 230V	929000881806			√	√	√		
Xitanium 50W/m 0.7-1.5A 54V 230V	929001415306					√	√	√
Xitanium 50W/m 0.7-1.5A 48V 230V	929000934606					√	√	√
Fixed Peak Point LED Drivers								
Xitanium 16W/m 0.35A 46V SC 230V	929001412380	√	√	√	√			
Xitanium 23W/m 0.5A 46V SC 230V	929001412480	√	√	√	√	√	√	√
Xitanium 32W/m 0.7A 46V SC 230V	929001412680			√	√	√	√	√
Xitanium 15W 0.35A 42V I 230V	929001410180	√	√	√	√			
Xitanium 21W 0.5A 42V I 230V	929001410280			√	√			
Xitanium 32W 0.7/0.75A 42V I 230V G2	929001418380			√	√	√	√	√
Xitanium 44W 1.0/1.05A 42V I 230V G2	929001418680			√	√	√	√	√
CertaDrive 10W 0.25A 40V LPF I 230V	929001410006	√	√					
CertaDrive 12W 0.3A 40V LPF I 230V	929001409506	√	√					
CertaDrive 15W 0.35A 42V I 230V	929000898106	√	√	√	√	√		
CertaDrive 20W 0.5A 40V I 230V	929000898006	√	√	√	√	√		
CertaDrive 30W 0.7A 42V I 230V G2	929001414280			√	√	√	√	
CertaDrive 34W 0.8A 42V I 230V G2	929001414380			√	√	√	√	
CertaDrive 38W 0.9A 42V I 230V G2	929001414480			√	√	√	√	√
CertaDrive 44W 1.05A 42V I 230V G2	929001414580			√	√	√	√	√

* Check the Xitanium Indoor Point driver portfolio on pages 53 - 59 for all available drivers with the operating window you need.

** For more & latest combination, please always check the Easy Design-in Tool.

Fortimo SLM Gen7 New Footprint

We have extended Fortimo SLM Gen7 to another footprint that is common in the industry. So now, the leading efficacy and quality of light of Fortimo SLM latest platform becomes even wider available. The addition of the other common footprint includes Fortimo SLM G7 Super Efficacy and Premium White color platforms.
Applications: Retail.

Features

- Most industry-proven footprint
- Standard / Premium White / High Efficay sub family included
- System Proposition (CoB+Holder+Driver)
- Pre-configured system propositions both in high lm/W and lm/$
- Large choice of drivers available, including DALI dimming, Xitanium, Certaflux

Benefits

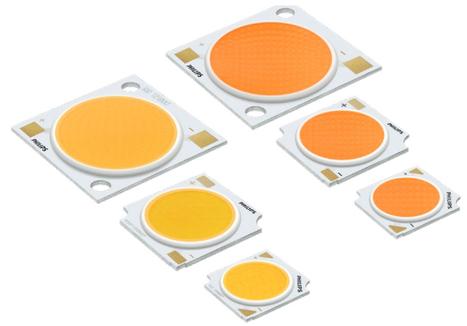
- Best quality of light for all applications
- Flexibility to optimize luminaire performance
- A reliable & flexible system approach
- Philips Standard warranty applies.

ALL NEW!

Product Desciption	Product code	Light Outpout	Module Power	Module Efficacy	Color Temperature	Color Rendering	Color Consistency	Tc Life	B50/L70 at Tc Life
	12NC	lm	W	lm/W	K	Ra	SDCM	° C	hrs
Fortimo SLM C 930 PW 1201 L09 1313 G7N	929003373706	470	3	155	3000	> 90	3	85	> 50,000
Fortimo SLM C 830 1202 L09 1313 G7N	929003374106	955	6	157	3000	> 80	3	85	> 50,000
Fortimo SLM C 927 1202 L09 1313 G7N	929003374606	775	6	128	2700	> 90	3	85	> 50,000
Fortimo SLM C 930 1202 L09 1313 G7N	929003374706	815	6	134	3000	> 90	3	85	> 50,000
Fortimo SLM C 930 PW 1202 L09 1313 G7N	929003375006	815	6	134	3100	> 90	3	85	> 50,000
Fortimo SLM C 830 1203 L09 1313 G7N	929003375406	1415	9	156	3000	> 80	3	85	> 50,000
Fortimo SLM C 927 1203 L09 1313 G7N	929003375906	1155	9	127	2700	> 90	3	85	> 50,000
Fortimo SLM C 930 1203 L09 1313 G7N	929003376006	1205	9	132	3000	> 90	3	85	> 50,000
Fortimo SLM C 930 PW 1203 L09 1313 G7N	929003376306	1205	9	132	3100	> 90	3	85	> 50,000
Fortimo SLM C 930 1204 L09 1313 G7N	929003377306	1575	12.1	130	3000	> 90	3	85	> 50,000
Fortimo SLM C 935 1204 L09 1313 G7N	929003377406	1630	12.1	134	3500	> 90	3	85	> 50,000
Fortimo SLM C 940 1204 L09 1313 G7N	929003377506	1675	12.1	138	4000	> 90	3	85	> 50,000
Fortimo SLM C 930 PW 1204 L09 1313 G7N	929003377606	1575	12.1	130	3100	> 90	3	85	> 50,000
Fortimo SLM C 935 PW 1204 L09 1313 G7N	929003377706	1630	12.1	134	3500	> 90	3	85	> 50,000
Fortimo SLM C 830 1205 L15 1919 G7N	929003378006	2415	15.2	159	3000	> 80	3	85	> 50,000
Fortimo SLM C 840 1205 L15 1919 G7N	929003378206	2535	15.2	167	4000	> 80	3	85	> 50,000
Fortimo SLM C 927 1205 L15 1919 G7N	929003378506	1965	15.2	130	2700	> 90	3	85	> 50,000
Fortimo SLM C 930 1205 L15 1919 G7N	929003378606	2060	15.2	136	3000	> 90	3	85	> 50,000
Fortimo SLM C 930 PW 1205 L15 1919 G7N	929003378906	2060	15.2	136	3100	> 90	3	85	> 50,000
Fortimo SLM C 935 PW 1205 L15 1919 G7N	929003379006	2135	15.2	141	3500	> 90	3	85	> 50,000
Fortimo SLM C 940 PW 1205 L15 1919 G7N	929003379106	2195	15.2	145	4000	> 90	3	85	> 50,000
Fortimo SLM C 930 1206 L15 1919 G7N	929003379906	2445	18.2	134	3000	> 90	3	85	> 50,000
Fortimo SLM C 935 1206 L15 1919 G7N	929003380006	2530	18.2	139	3500	> 90	3	85	> 50,000
Fortimo SLM C 830 1208 L15 1919 G7N	929003380606	3735	24.3	154	3000	> 90	3	85	> 50,000
Fortimo SLM C 840 1208 L15 1919 G7N	929003380806	3920	24.3	162	4000	> 90	3	85	> 50,000
Fortimo SLM C 927 1208 L15 1919 G7N	929003381106	3040	24.3	125	3040	> 90	3	85	> 50,000
Fortimo SLM C 930 1208 L15 1919 G7N	929003381206	3190	24.3	131	3000	> 90	3	85	> 50,000
Fortimo SLM C 930 PW 1208 L15 1919 G7N	929003381506	3190	24.3	131	3100	> 90	3	85	> 50,000
Fortimo SLM C 935 PW 1208 L15 1919 G7N	929003381606	3305	24.3	136	3500	> 90	3	85	> 50,000
Fortimo SLM C 940 PW 1208 L15 1919 G7N	929003381706	3400	24.3	140	4100	> 90	3	85	> 50,000
Fortimo SLM C 930 PW 1210 L15 1919 G7N	929003382806	3955	30.3	130	3100	> 90	3	85	> 50,000
Fortimo SLM C 935 PW 1210 L15 1919 G7N	929003382906	4100	30.3	135	3500	> 90	3	85	> 50,000
Fortimo SLM C 830 1211 L22 2828 G7N	929003383206	5320	33.4	159	3000	> 80	3	85	> 50,000
Fortimo SLM C 840 1211 L22 2828 G7N	929003383406	5590	33.4	168	4000	> 80	3	85	> 50,000
Fortimo SLM C 927 1211 L22 2828 G7N	929003383706	4330	33.4	130	2700	> 90	3	85	> 50,000
Fortimo SLM C 930 1211 L22 2828 G7N	929003383806	4550	33.4	136	3000	> 90	3	85	> 50,000
Fortimo SLM C 930 PW 1211 L22 2828 G7N	929003384106	4550	33.4	136	3100	> 90	3	85	> 50,000
Fortimo SLM C 927 1201 L09 1313 G7N HE	929003368306	420	3.0	138	2700	> 90	2	85	> 50,000
Fortimo SLM C 930 1201 L09 1313 G7N HE	929003369406	450	3.0	148	3000	> 90	2	85	> 50,000
Fortimo SLM C 935 1201 L09 1313 G7N HE	929003370506	470	3.0	154	3500	> 90	2	85	> 50,000
Fortimo SLM C 930 PW 1201 L09 1313 G7N HE	929003365006	455	3.0	149	3100	> 90	2	85	> 50,000

* Module Light output and efficacy is calculated @ typical. Measurement presision for flux +/-5%, Measurement presision for efficacy +/- 6%.For more detailed specifications (including lifetime) please approach local sales team

Fortimo SLM Gen7 New Footprint



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Product Desciption	Product code	Light Outpout	Module Power	Module Efficacy	Color Temperature	Color Rendering	Color Consistency	Tc Life	B50/L70 at Tc Life
	12NC	lm	W	lm/W	K	Ra	SDCM	° C	hrs
Fortimo SLM C 927 1202 L09 1313 G7N HE	929003368406	835	6.1	137	2700	> 90	2	85	> 50,000
Fortimo SLM C 930 1202 L09 1313 G7N HE	929003369506	890	6.1	146	3000	> 90	2	85	> 50,000
Fortimo SLM C 935 1202 L09 1313 G7N HE	929003370606	930	6.1	152	3500	> 90	2	85	> 50,000
Fortimo SLM C 930 PW 1202 L09 1313 G7N HE	929003365106	900	6.1	147	3100	> 90	2	85	> 50,000
Fortimo SLM C 927 1203 L09 1313 G7N HE	929003368506	1230	9.2	134	2700	> 90	2	85	> 50,000
Fortimo SLM C 930 1203 L09 1313 G7N HE	929003369606	1310	9.2	143	3000	> 90	2	85	> 50,000
Fortimo SLM C 935 1203 L09 1313 G7N HE	929003370706	1370	9.2	150	3500	> 90	2	85	> 50,000
Fortimo SLM C 930 PW 1203 L09 1313 G7N HE	929003365206	1325	9.2	145	3100	> 90	2	85	> 50,000
Fortimo SLM C 930 1204 L09 1313 G7N HE	929003369706	1720	12.2	141	3000	> 90	2	85	> 50,000
Fortimo SLM C 935 1204 L09 1313 G7N HE	929003370806	1800	12.2	148	3500	> 90	2	85	> 50,000
Fortimo SLM C 940 1204 L09 1313 G7N HE	929003371906	1845	12.2	151	4000	> 90	2	85	> 50,000
Fortimo SLM C 930 PW 1204 L09 1313 G7N HE	929003365306	1735	12.2	142	3100	> 90	2	85	> 50,000
Fortimo SLM C 930 1205 L15 1919 G7N HE	929003369806	2235	15.3	146	3000	> 90	2	85	> 50,000
Fortimo SLM C 935 1205 L15 1919 G7N HE	929003370906	2340	15.3	153	3500	> 90	2	85	> 50,000
Fortimo SLM C 930 PW 1205 L15 1919 G7N HE	929003365406	2260	15.3	148	3100	> 90	2	85	> 50,000
Fortimo SLM C 935 PW 1205 L15 1919 G7N HE	929003366506	2350	15.3	154	3500	> 90	2	85	> 50,000
Fortimo SLM C 940 PW 1205 L15 1919 G7N HE	929003367606	2415	15.3	158	4100	> 90	2	85	> 50,000
Fortimo SLM C 930 PW 1206 L15 1919 G7N HE	929003365506	2660	18.3	145	3100	> 90	2	85	> 50,000
Fortimo SLM C 935 PW 1206 L15 1919 G7N HE	929003366606	2770	18.3	151	3500	> 90	2	85	> 50,000
Fortimo SLM C 930 1208 L15 1919 G7N HE	929003370006	3465	24.4	142	3000	> 90	2	85	> 50,000
Fortimo SLM C 935 1208 L15 1919 G7N HE	929003371106	3630	24.4	149	3500	> 90	2	85	> 50,000
Fortimo SLM C 930 PW 1208 L15 1919 G7N HE	929003365606	3505	24.4	144	3100	> 90	2	85	> 50,000
Fortimo SLM C 935 PW 1208 L15 1919 G7N HE	929003366706	3645	24.4	149	3500	> 90	2	85	> 50,000
Fortimo SLM C 940 PW 1208 L15 1919 G7N HE	929003367806	3750	24.4	154	4100	> 90	2	85	> 50,000
Fortimo SLM C 930 PW 1210 L15 1919 G7N HE	929003365706	4315	30.5	141	3100	> 90	2	85	> 50,000
Fortimo SLM C 930 PW 1211 L22 2828 G7N HE	929003365806	5060	33.6	151	3100	> 90	2	85	> 50,000

* Module Light output and efficacy is calculated @ typical. Measurement presision for flux +/-5%, Measurement presision for efficacy +/- 6%.For more detailed specifications (including lifetime) please approach local sales team

Fortimo SLM Gen7 New Footprint

Compatible LED Drivers

The Fortimo LED SLM portfolio is compatible with multiple Xitanium & Certa LED drivers. For a detailed overview of all available Indoor Point drivers, pls go to the Xitanium Indoor Point driver section at page 53-59 or the Certa Indoor Point driver section at page 60-63. To find the best driver module combination for your application, the Easy Design-in Tool can help you. Below table shows which Xitanium and Certa LED driver window is compatible by default with Fortimo LED SLM.

Product Desciption	Product code	COB						
	12NC	1202	1203	1204	1205	1208	1211	1216
Smart Point LED Drivers								
Xitanium 36W/m 0.3-1.05A 54V TD 230V	929001419106			√	√	√		
Xitanium 20W WH 0.15-0.5A 54V TD/Is 230V	929000991706	√	√	√	√			
Xitanium 36W WH 0.3-1A 54V TD/Is 230V	929000969906			√	√	√		
Xitanium 50W WH 0.7-1.5A 54V TD/Is 230V	929000991806					√	√	√
Fixed Point LED Drivers								
Xitanium 20W WH 0.15-0.5 54V Is	929001413906	√	√	√	√			
Xitanium 20W WH 0.15-0.5A 54V S	929001416506	√	√	√	√			
Xitanium 36W WH 0.3-1.05A 54V Is	929001414006			√	√	√		
Xitanium 36W WH 0.3-1.05A 54V S	929001416606			√	√	√		
Xitanium 50W WH 0.7-1.5A 54V Is	929001416806					√	√	√
Xitanium 50W WH 0.7-1.5A 54V S	929001416706					√	√	√
Xitanium 20W/m 0.15-0.5A 54V 230V	929001415006	√	√	√	√			
Xitanium 20W/m 0.15-0.5A 48V 230V	929000893806	√	√	√	√			
Xitanium 36W/m 0.3-1.05A 54V 230V	929001415106		√	√	√	√		
Xitanium 36W/m 0.3-1.05A 48V 230V	929000881806			√	√	√		
Xitanium 50W/m 0.7-1.5A 54V 230V	929001415306					√	√	√
Xitanium 50W/m 0.7-1.5A 48V 230V	929000934606					√	√	√
Fixed Peak Point LED Drivers								
Xitanium 16W/m 0.35A 46V SC 230V	929001412380	√	√	√	√			
Xitanium 23W/m 0.5A 46V SC 230V	929001412480	√	√	√	√	√	√	√
Xitanium 32W/m 0.7A 46V SC 230V	929001412680			√	√	√	√	√
Xitanium 15W 0.35A 42V I 230V	929001410180	√	√	√	√			
Xitanium 21W 0.5A 42V I 230V	929001410280			√	√			
Xitanium 32W 0.7/0.75A 42V I 230V G2	929001418380			√	√	√	√	√
Xitanium 44W 1.0/1.05A 42V I 230V G2	929001418680			√	√	√	√	√
CertaDrive 10W 0.25A 40V LPF I 230V	929001410006	√	√					
CertaDrive 12W 0.3A 40V LPF I 230V	929001409506	√	√					
CertaDrive 15W 0.35A 42V I 230V	929000898106	√	√	√	√	√		
CertaDrive 20W 0.5A 40V I 230V	929000898006	√	√	√	√	√		
CertaDrive 30W 0.7A 42V I 230V G2	929001414280			√	√	√	√	
CertaDrive 34W 0.8A 42V I 230V G2	929001414380			√	√	√	√	
CertaDrive 38W 0.9A 42V I 230V G2	929001414480			√	√	√	√	√
CertaDrive 44W 1.05A 42V I 230V G2	929001414580			√	√	√	√	√

* Check the Xitanium Indoor Point driver portfolio on pages 53-59 for all available drivers with the operating window you need.
** For more & latest combination, please always check the Easy Design-in Tool.

Fortimo SLM Holders

Fortimo LED SLM Gen7 CoBs and holders can be ordered separately. This results in even more flexibility and a more extensive product portfolio. Optimized holders are available for spot and downlight applications. For pre-cabled luminaire designs, holders with Poke-in connectors can be ordered. Every holder type is available for every CoB size. CoB compatibility is defined by the CoB size. New Zhaga Poke in holder and 35mm Poke in holder are introduced.



Fortimo SLM Holders

Product specifications

Product type	Product Code	Type	COB Count	LES	Wire Length	Wire type
	12NC				mm2	mm2
FORTIMO SLM H PI 1215 35 G1	929001538106	Poke in	1202	L6.5	n/a	0.3-0.75
FORTIMO SLM H 1619 G1	929000993580	Standard	1203	L09	600	0.5
FORTIMO SLM H DL 1619 G1	929000993680	Down light	1203	L09	600	0.5
FORTIMO SLM H ZP 1619 G1	929001451980	Zhaga Poke in	1203	L09	n/a	0.3-0.75
FORTIMO SLM H PI 1619 G1	929000993780	Poke in	1203	L09	n/a	0.3-0.75
FORTIMO SLM H 2024 G1	929000980703	Standard	1204, 1205, 1208	L13, L15	600	0.5
FORTIMO SLM H DL 2024 G1	929000980803	Down light	1204, 1205, 1208	L13, L15	600	0.5
FORTIMO SLM H ZP 2024 G1	929001452080	Zhaga Poke in	1204, 1205, 1208	L13, L15	n/a	0.3-0.75
FORTIMO SLM H PI 2024 G1	929000980903	Poke in	1204, 1205, 1209	L13, L15	n/a	0.3-0.75
FORTIMO SLM H 2828 G1	929000981003	Standard	1211	L19	600	0.5
FORTIMO SLM H DL 2828 G1	929000981103	Down light	1211	L19	600	0.5
FORTIMO SLM H ZP 2828 G1	929001452180	Zhaga Poke in	1211	L19	n/a	0.3-0.75
FORTIMO SLM H PI 2828 G1	929000981203	Poke in	12,111,216	L19,L23	n/a	0.3-0.75

Product specifications

Product type	Product Code	Light Outpout	Module Power	Module Efficacy	Color Temperature	Color Rendering	Color Consistency	Tc Life	B50/L70 at Tc Life
	12NC	lm	W	lm/W	K	Ra	SDCM	°C	hrs
CertaFlux SLM C 830 1201 L04 1313 G2 HD	929002842506	436	3.4	129	3000	>80	3	85	> 50,000
CertaFlux SLM C 927 1201 L04 1313 G2 HD	929002842606	353	3.4	104	2700	>90	3	85	> 50,000
CertaFlux SLM C 930 1201 L04 1313 G2 HD	929002842706	372	3.4	110	3000	>90	3	85	> 50,000
CertaFlux SLM C 940 1201 L04 1313 G2 HD	929002842806	392	3.4	116	4000	>90	3	85	> 50,000
CertaFlux SLM C 827 1201 L06 1313 G2	929002835406	444	3.4	130	2700	>80	3	85	> 50,000
CertaFlux SLM C 830 1201 L06 1313 G2	929002835506	469	3.4	138	3000	>80	3	85	> 50,000
CertaFlux SLM C 835 1201 L06 1313 G2	929002835606	479	3.4	140	3500	>80	3	85	> 50,000
CertaFlux SLM C 840 1201 L06 1313 G2	929002835706	489	3.4	143	4000	>80	3	85	> 50,000
CertaFlux SLM C 850 1201 L06 1313 G2	929002835806	489	3.4	143	5000	>80	3	85	> 50,000
CertaFlux SLM C 860 1201 L06 1313 G2	929002835906	489	3.4	143	6000	>80	3	85	> 50,000
CertaFlux SLM C 927 1201 L06 1313 G2	929002836006	380	3.4	111	2700	>90	3	85	> 50,000
CertaFlux SLM C 930 1201 L06 1313 G2	929002836106	400	3.4	117	3000	>90	3	85	> 50,000
CertaFlux SLM C 935 1201 L06 1313 G2	929002836206	425	3.4	125	3500	>90	3	85	> 50,000
CertaFlux SLM C 940 1201 L06 1313 G2	929002836306	425	3.4	125	4000	>90	3	85	> 50,000
CertaFlux SLM C 830 1202 L06 1313 G2 HD	929002842906	904	6.8	133	3000	>80	3	85	> 50,000
CertaFlux SLM C 927 1202 L06 1313 G2 HD	929002843006	732	6.8	108	2700	>90	3	85	> 50,000
CertaFlux SLM C 930 1202 L06 1313 G2 HD	929002843106	766	6.8	113	3000	>90	3	85	> 50,000
CertaFlux SLM C 940 1202 L06 1313 G2 HD	929002843206	816	6.8	120	4000	>90	3	85	> 50,000
CertaFlux SLM C 827 1202 L09 1515 G2	929002836406	906	6.8	133	2700	>80	3	85	> 50,000
CertaFlux SLM C 830 1202 L09 1515 G2	929002836506	956	6.8	140	3000	>80	3	85	> 50,000

CertaFlux SLM Gen2

CertaFlux LED SLM is the most cost effective and affordable CoB family from Philips. With the upgrade from Gen1 to Gen2, +8% efficacy improvement is achieved. On top of this, we have extended the portfolio with 2 new product lines: High Density range and Vivid White range, which can help OEM customers to develop their luminaires with a more extensive portfolio. We offer a flux range from 500lm – 5800m, in 2700K, 3000K, 3500K, 4000K, 5000K with CRI 80 and CRI90, All SLM modules are fully compatible with our well known Philips Drivers. To find the best driver module combination for your application, the Easy Design-in Tool can help you.
Applications: retail, hospitality, and office.

Features

- Lumen packages from 500lm to 5800lm
- Broad portfolio in terms of CCT 2700K, 3000K, 3500K, 4000K, 5000K & CRI 80, 90 available
- Up to >140lm/W at 85˚C Tc
- Extend with Vivid White as more choices for retail application
- Extend with small LES size to enable compact luminaire desgin
- Pre-configured system propositions both in high lm/W and lm/$
- Large choice of drivers available, including DALI dimming
- Philips standard systems warranty applies

Benefits

- Good quality of light for all applications
- Flexibility to optimize luminaire performance
- A reliable & flexible system proposition



CertaFlux SLM Gen2

Product specifications

Product type	Product code	Light Outpout	Module Power	Module Efficacy	Color Temperature	Color Rendering	Color Consistency	Tc Life	B50/L70 at Tc Life
	12NC	lm	W	lm/W	K	Ra	SDCM	°C	hrs
CertaFlux SLM C 830 1201 L04 1313 G2 HD	929002842506	436	3.4	129	3000	>80	3	85	> 50,000
CertaFlux SLM C 927 1201 L04 1313 G2 HD	929002842606	353	3.4	104	2700	>90	3	85	> 50,000
CertaFlux SLM C 930 1201 L04 1313 G2 HD	929002842706	372	3.4	110	3000	>90	3	85	> 50,000
CertaFlux SLM C 940 1201 L04 1313 G2 HD	929002842806	392	3.4	116	4000	>90	3	85	> 50,000
CertaFlux SLM C 827 1201 L06 1313 G2	929002835406	444	3.4	130	2700	>80	3	85	> 50,000
CertaFlux SLM C 830 1201 L06 1313 G2	929002835506	469	3.4	138	3000	>80	3	85	> 50,000
CertaFlux SLM C 835 1201 L06 1313 G2	929002835606	479	3.4	140	3500	>80	3	85	> 50,000
CertaFlux SLM C 840 1201 L06 1313 G2	929002835706	489	3.4	143	4000	>80	3	85	> 50,000
CertaFlux SLM C 850 1201 L06 1313 G2	929002835806	489	3.4	143	5000	>80	3	85	> 50,000
CertaFlux SLM C 860 1201 L06 1313 G2	929002835906	489	3.4	143	6000	>80	3	85	> 50,000
CertaFlux SLM C 927 1201 L06 1313 G2	929002836006	380	3.4	111	2700	>90	3	85	> 50,000
CertaFlux SLM C 930 1201 L06 1313 G2	929002836106	400	3.4	117	3000	>90	3	85	> 50,000
CertaFlux SLM C 935 1201 L06 1313 G2	929002836206	425	3.4	125	3500	>90	3	85	> 50,000
CertaFlux SLM C 940 1201 L06 1313 G2	929002836306	425	3.4	125	4000	>90	3	85	> 50,000
CertaFlux SLM C 830 1202 L06 1313 G2 HD	929002842906	904	6.8	133	3000	>80	3	85	> 50,000
CertaFlux SLM C 927 1202 L06 1313 G2 HD	929002843006	732	6.8	108	2700	>90	3	85	> 50,000
CertaFlux SLM C 930 1202 L06 1313 G2 HD	929002843106	766	6.8	113	3000	>90	3	85	> 50,000
CertaFlux SLM C 940 1202 L06 1313 G2 HD	929002843206	816	6.8	120	4000	>90	3	85	> 50,000
CertaFlux SLM C 827 1202 L09 1515 G2	929002836406	906	6.8	133	2700	>80	3	85	> 50,000
CertaFlux SLM C 830 1202 L09 1515 G2	929002836506	956	6.8	140	3000	>80	3	85	> 50,000

CertaFlux SLM Gen2

Product specifications

	Product type	Product code	Light Outpout	Module Power	Module Efficacy	Color Temperature	Color Rendering	Color Consistency	Tc Life	B50/L70 at Tc Life
		12NC	lm	W	lm/W	K	Ra	SDCM	°C	hrs
	CertaFlux SLM C 835 1202 L09 1515 G2	929002836606	976	6.8	143	3500	>80	3	85	> 50,000
	CertaFlux SLM C 840 1202 L09 1515 G2	929002836706	995	6.8	146	4000	>80	3	85	> 50,000
	CertaFlux SLM C 850 1202 L09 1515 G2	929002836806	996	6.8	146	5000	>80	3	85	> 50,000
	CertaFlux SLM C 860 1202 L09 1515 G2	929002836906	996	6.8	146	6000	>80	3	85	> 50,000
	CertaFlux SLM C 927 1202 L09 1515 G2	929002837006	773	6.8	113	2700	>90	3	85	> 50,000
	CertaFlux SLM C 930 1202 L09 1515 G2	929002837106	812	6.8	119	3000	>90	3	85	> 50,000
	CertaFlux SLM C 935 1202 L09 1515 G2	929002837206	862	6.8	126	3500	>90	3	85	> 50,000
	CertaFlux SLM C 940 1202 L09 1515 G2	929002837306	862	6.8	126	4000	>90	3	85	> 50,000
	CertaFlux SLM C 827 1203 L09 1515 G2	929002837406	1544	12.1	128	2700	>80	3	85	> 50,000
	CertaFlux SLM C 830 1203 L09 1515 G2	929002837506	1628	12.1	135	3000	>80	3	85	> 50,000
	CertaFlux SLM C 835 1203 L09 1515 G2	929002837606	1663	12.1	138	3500	>80	3	85	> 50,000
	CertaFlux SLM C 840 1203 L09 1515 G2	929002837706	1697	12.1	141	4000	>80	3	85	> 50,000
	CertaFlux SLM C 850 1203 L09 1515 G2	929002837806	1698	12.1	141	5000	>80	3	85	> 50,000
	CertaFlux SLM C 860 1203 L09 1515 G2	929002837906	1699	12.1	141	6000	>80	3	85	> 50,000
	CertaFlux SLM C 927 1203 L09 1515 G2	929002838006	1314	12.1	109	2700	>90	3	85	> 50,000
	CertaFlux SLM C 930 1203 L09 1515 G2	929002838106	1383	12.1	115	3000	>90	3	85	> 50,000
	CertaFlux SLM C 935 1203 L09 1515 G2	929002838206	1467	12.1	122	3500	>90	3	85	> 50,000
	CertaFlux SLM C 940 1203 L09 1515 G2	929002838306	1467	12.1	122	4000	>90	3	85	> 50,000
	CertaFlux SLM C 830 1204 L09 1515 G2 HD	929002843306	2037	15.3	133	3000	>80	3	85	> 50,000
	CertaFlux SLM C 930 1204 L09 1515 G2 HD	929002843406	1730	15.3	113	3000	>90	3	85	> 50,000
	CertaFlux SLM C 940 1204 L09 1515 G2 HD	929002843506	1834	15.3	120	4000	>90	3	85	> 50,000
NEW	**CertaFlux SLM C 930VW 1204L09 1515 G2HD**	**929002843606**	**1730**	**15.3**	**113**	**3000**	**>90**	**3**	**85**	**> 50,000**
	CertaFlux SLM C 827 1204 L12 1818 G2	929002838406	2070	15.5	134	2700	>80	3	85	> 50,000
	CertaFlux SLM C 830 1204 L12 1818 G2	929002838506	2179	15.5	141	3000	>80	3	85	> 50,000
	CertaFlux SLM C 835 1204 L12 1818 G2	929002838606	2224	15.5	144	3500	>80	3	85	> 50,000
	CertaFlux SLM C 840 1204 L12 1818 G2	929002838706	2269	15.5	147	4000	>80	3	85	> 50,000
	CertaFlux SLM C 850 1204 L12 1818 G2	929002838806	2270	15.5	147	5000	>80	3	85	> 50,000
	CertaFlux SLM C 860 1204 L12 1818 G2	929002838906	2271	15.5	147	6000	>80	3	85	> 50,000
	CertaFlux SLM C 927 1204 L12 1818 G2	929002839006	1760	15.5	114	2700	>90	3	85	> 50,000
	CertaFlux SLM C 930 1204 L12 1818 G2	929002839106	1854	15.5	120	3000	>90	3	85	> 50,000
	CertaFlux SLM C 935 1204 L12 1818 G2	929002839206	1963	15.5	127	3500	>90	3	85	> 50,000
	CertaFlux SLM C 940 1204 L12 1818 G2	929002839306	1964	15.5	127	4000	>90	3	85	> 50,000
NEW	**CertaFlux SLM C 930 VW 1204 L12 1818 G2**	**929002841606**	**1855**	**15.5**	**120**	**3000**	**>90**	**3**	**85**	**> 50,000**
NEW	**CertaFlux SLM C 935 VW 1204 L12 1818 G2**	**929002841706**	**1964**	**15.5**	**127**	**3500**	**>90**	**3**	**85**	**> 50,000**
NEW	**CertaFlux SLM C 940 VW 1204 L12 1818 G2**	**929002841806**	**1964**	**15.5**	**127**	**4000**	**>90**	**3**	**85**	**> 50,000**
	CertaFlux SLM C 827 1205 L12 1818 G2	929002839406	2529	18.9	134	2700	>80	3	85	> 50,000
	CertaFlux SLM C 830 1205 L12 1818 G2	929002839506	2662	18.9	141	3000	>80	3	85	> 50,000
	CertaFlux SLM C 835 1205 L12 1818 G2	929002839606	2717	18.9	144	3500	>80	3	85	> 50,000
	CertaFlux SLM C 840 1205 L12 1818 G2	929002839706	2772	18.9	146	4000	>80	3	85	> 50,000
	CertaFlux SLM C 850 1205 L12 1818 G2	929002839806	2773	18.9	147	5000	>80	3	85	> 50,000
	CertaFlux SLM C 860 1205 L12 1818 G2	929002839906	2775	18.9	147	6000	>80	3	85	> 50,000
	CertaFlux SLM C 927 1205 L12 1818 G2	929002840006	2151	18.9	114	2700	>90	3	85	> 50,000
	CertaFlux SLM C 930 1205 L12 1818 G2	929002840106	2260	18.9	119	3000	>90	3	85	> 50,000
	CertaFlux SLM C 935 1205 L12 1818 G2	929002840206	2398	18.9	127	3500	>90	3	85	> 50,000
	CertaFlux SLM C 940 1205 L12 1818 G2	929002840306	2399	18.9	127	4000	>90	3	85	> 50,000
	CertaFlux SLM C 950 1205 L12 1818 G2	929002840406	2400	18.9	127	5000	>90	3	85	> 50,000
NEW	**CertaFlux SLM C 930 VW 1205 L12 1818 G2**	**929002841906**	**2261**	**18.9**	**119**	**3000**	**>90**	**3**	**85**	**> 50,000**
NEW	**CertaFlux SLM C 935 VW 1205 L12 1818 G2**	**929002842006**	**2399**	**18.9**	**127**	**3500**	**>90**	**3**	**85**	**> 50,000**
NEW	**CertaFlux SLM C 940 VW 1205 L12 1818 G2**	**929002842106**	**2400**	**18.9**	**127**	**4000**	**>90**	**3**	**85**	**> 50,000**
	CertaFlux SLM C 827 1208 L14 1818 G2	929002840506	3782	27.3	139	2700	>80	3	85	> 50,000
	CertaFlux SLM C 830 1208 L14 1818 G2	929002840606	3980	27.3	146	3000	>80	3	85	> 50,000
	CertaFlux SLM C 835 1208 L14 1818 G2	929002840706	4060	27.3	149	3500	>80	3	85	> 50,000
	CertaFlux SLM C 840 1208 L14 1818 G2	929002840806	4144	27.3	152	4000	>80	3	85	> 50,000
	CertaFlux SLM C 850 1208 L14 1818 G2	929002840906	4146	27.3	152	5000	>80	3	85	> 50,000
	CertaFlux SLM C 860 1208 L14 1818 G2	929002841006	4148	27.3	152	6000	>80	3	85	> 50,000
	CertaFlux SLM C 927 1208 L14 1818 G2	929002841106	3216	27.3	118	2700	>90	3	85	> 50,000
	CertaFlux SLM C 930 1208 L14 1818 G2	929002841206	3384	27.3	124	3000	>90	3	85	> 50,000
	CertaFlux SLM C 935 1208 L14 1818 G2	929002841306	3582	27.3	131	3500	>90	3	85	> 50,000
	CertaFlux SLM C 940 1208 L14 1818 G2	929002841406	3583	27.3	131	4000	>90	3	85	> 50,000
	CertaFlux SLM C 950 1208 L14 1818 G2	929002841506	3585	27.3	131	5000	>90	3	85	> 50,000
NEW	**CertaFlux SLM C 930 VW 1208 L14 1818 G2**	**929002842206**	**3384**	**27.3**	**124**	**3000**	**>90**	**3**	**85**	**> 50,000**
NEW	**CertaFlux SLM C 935 VW 1208 L14 1818 G2**	**929002842306**	**3583**	**27.3**	**131**	**3500**	**>90**	**3**	**85**	**> 50,000**
NEW	**CertaFlux SLM C 940 VW 1208 L14 1818 G2**	**929002842406**	**3583**	**27.3**	**131**	**4000**	**>90**	**3**	**85**	**> 50,000**

* Module efficacy is calculated for the typical lm output. For more detailed & Latest specifications (including lifetime) please always check the datasheets online or the Easy Design-in Tool.

CertaFlux SLM Gen2

Compatible LED Drivers

The Fortimo LED SLM portfolio is compatible with multiple Xitanium & Certa LED drivers. For a detailed overview of all available Indoor Point drivers, pls go to the Xitanium Indoor Point driver section at page 53-59 or the Certa Indoor Point driver section at page 60-63. To find the best driver module combination for your application, the Easy Design-in Tool can help you. Below table shows which Xitanium and Certa LED driver window is compatible by default with Fortimo LED SLM.

Product specifications

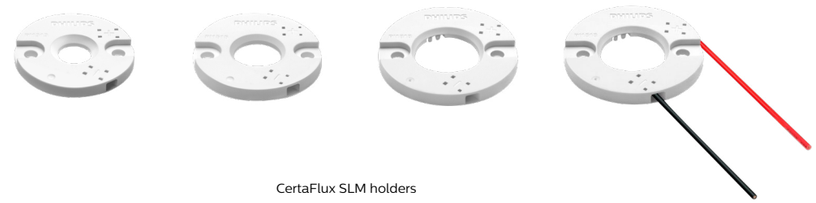
Product type	Product code	COB					
	12NC	1201	1202	1203	1204	1205	1208
Xitanium 10W/m 0.35A 30V SC 230V	929001412280		√	√	√		
Xitanium 16W/m 0.35A 46V SC 230V	929001412380		√	√	√		
Xitanium 23W/m 0.5A 46V SC 230V	929001412480			√	√	√	
Xitanium 28W/m 0.6A 46V SC 230V	929001418706			√	√	√	√
Xitanium 32W/m 0.7A 46V SC 230V	929001412680				√	√	√
Xitanium 20 W/m 0.15-0.5 A 48 V 230 V	929000893806		√	√	√		
Xitanium 36W/m 0.3-1.05A 48V 230V	929000881806			√	√	√	√
Xitanium 15W 0.35A 42V I 230V	929001410180		√	√	√		
Xitanium 21W 0.5A 42V I 230V	929001410280			√	√	√	
Xitanium 27W 0.6/0.65A 42V I 230V G2	929001418280			√	√	√	√
Xitanium 32W 0.7/0.75A 42V I 230V G2	929001418380				√	√	√
Xitanium 36W 0.8/0.85A 42V I 230V G2	929001418580				√	√	√
Xitanium 40W 0.9/0.95A 42V I 230V G2	929001419380						√
Xitanium 44W 1.0 1.05A 42V I 230V G2	929001418680						√
CertaDrive 6W 0.15A 40V LPF I 230V	929001411780	√	√				
CertaDrive 8W 0.2A 40V I 230V CN	929000956080		√				
CertaDrive 8W 0.2A 40V LPF I 230V	929001409980		√				
CertaDrive 10W 0.25A 40V I 230V CN	929000956180	√	√				
CertaDrive 10W 0.25A 40V LPF I 230V	929001410006	√	√				
CertaDrive 12W 0.3A 40V 230V CN	929000953580	√	√				
CertaDrive 12W 0.3A 40V LPF I 230V	929001409506	√	√				
CertaDrive 15W 0.35A 42V I 230V	929000898106		√	√			
CertaDrive 20W 0.5A 40V I 230V	929000898006		√	√	√		
CertaDrive 25W 0.6A 42V I 230V G2	929001414180			√	√	√	
CertaDrive 30W 0.7A 42V I 230V G2	929001414280			√	√	√	
CertaDrive 34W 0.8A 42V I 230V G2	929001414380				√	√	
CertaDrive 38W 0.9A 42V I 230V G2	929001414480				√	√	
CertaDrive 44W 1.05A 42V I 230V G2	929001414580					√	

* Check the Indoor Point driver portfolio on page 53-63 for all available drivers with the operating window you need.

** For more & latest combination, please always check the Easy Design-in Tool.

CertaFlux SLM Holders

Certaflux SLM holders will further enhance easy design for our certaflux SLM CoB family. Optimized and compacted designed holders with reliable performance can enhance more flexbile design. It also provides upto 3 year warranty with Certaflux SLM CoB + Holders.



CertaFlux SLM holders

Product specifications

Product type	Product code	Type	COB Count	LES	Diameter
	12NC				mm
Certaflux SLM H PI 1313	929001431680	Poke in	1201	L06/L04	30mm
Certaflux SLM H PI 1515	929001431780	Poke in	1202/1203	L06/L09	32mm
Certaflux SLM H PI 1818	929001431880	Poke in	1204/1205/1208	L12/L14	35mm
Certaflux SLM H 1818	929001431980	Wiring	1204/1205/1208	L12/L14	35mm

Downlight Modules

DLM New Products

Just released!

CretaFlux DLM Slim
See page 93



NEW

Our most popular downlight family - CertaFlux DLM Slim has now been upgraded from Gen1 to Gen2, with increased efficacy +5%....10%. Dimensions and look&feel remain unchanged, enabling simple upgrades.

Fortimo DLM EaseSelect Gen2

Fortimo DLM EaseSelect is a high performance driver on board (DoB) solution, delivering an excellent quality of light with low flicker. Having an integrated driver and the same mechanical footprint as existing DLM solutions (DLM Flex), enables easy and hassle free design-in. The Fortimo brand promise brings with it the assurance of quality, reliability and performance. Comparing to Gen1, Fortimo DLM ES Gen2 has improved Output current ripple (Max 4%)
Applications:Offices, public buildings and retail.

Features

- Low flicker (Max 4% for output current Ripple)
- Excellent color consistency of 3 SDCM
- Full portfolio with all typical downlight lumen packages(1100 lm, 2000 lm, 3000 lm) and different CCTs (3000K, 4000K)
- Long life-time: 50,000 hours

Benefits

- Ease of design-in
- Suitable for compact heat sink designs
- Long lasting
- Simple and easy to maintain



Fortimo DLM EaseSelect Gen2

Product specifications

Product type	Product code	Light Outpout @ Typical	Module Power @ 230V	Module Efficacy @ Typical	Color Temperature	Color Rendering	Color Consistency	Tc Life	B50/L70 at Tc Life
	12NC	lm	W	lm/W	K	Ra	SDCM	°C	hrs
Fortimo DLM ES 1100/830 G2	929001435506	1080	9.5	114	3000	> 80	3	70	> 50,000
Fortimo DLM ES 1100/840 G2	929001435606	1100	9.5	116	4000	> 80	3	70	> 50,000
Fortimo DLM ES 2000/830 G2	929001435706	1930	17.5	110	3000	> 80	3	70	> 50,000
Fortimo DLM ES 2000/840 G2	929001435806	2000	17.5	114	4000	> 80	3	70	> 50,000
Fortimo DLM ES 3000/830 G2	929001435906	2850	26.5	108	3000	> 80	3	70	> 50,000
Fortimo DLM ES 3000/840 G2	929001436006	3000	26.5	113	4000	> 80	3	70	> 50,000

Fortimo DLM Flex Gen2

Being the trend setter in high performance LED downlighting with the Fortimo DLM range, Philips introduced the next generation of the Fortimo LED DLM Flex family. Being backwards compatible with the previous generation, Fortimo LED DLM Flex Gen2 enables further optimization of existing as well as new flexible downlight luminair designs.
Applications: Offices, public buildings, hospitality, and retail.

Features

- Range of 1100 to 5000lm
- Color temperatures: 3000K, 4000K, 5000K and 6500K with CRI >80
- Offer includes PCB only version, shallow housing and high housing
- Compatible with both high performance, full flexibility window drivers and high value-for-money CertaDrive drivers

Benefits

- Full flexibility and design freedom based on a full portfolio
- Easy design-in based on outstanding efficiencies & high robustness
- High quality of light
- A reliable & flexible system proposition offering peace of mind



Fortimo DLM Flex Gen2

Product specifications

Product type	Product code	Light Outpout	Module Efficacy @ Low-housing	Module Efficacy @ High-housing	Color Temperature	Color Rendering	Color Consistency	Tc Life	B50/L70 at Tc Life
	12NC	lm	lm/W	lm/W	K	Ra	SDCM	°C	hrs
FORTIMO LED DLM FLEX 1100/830 GEN2	929001503880	1100	115	93	3000	> 80	3	75	> 50,000
FORTIMO LED DLM FLEX 1100/840 GEN2	929001503980	1100	127	104	4000	> 80	3	75	> 50,000
FORTIMO LED DLM FLEX 1100/850 GEN2	929001508380	1100	127	104	5000	> 80	3	75	> 50,000
FORTIMO LED DLM FLEX 1100/865 GEN2	929001504080	1100	127	104	6500	> 80	3	75	> 50,000
FORTIMO LED DLM FLEX 2000/830 GEN2	929001504180	2000	113	91	3000	> 80	3	75	> 50,000
FORTIMO LED DLM FLEX 2000/840 GEN2	929001504280	2000	125	102	4000	> 80	3	75	> 50,000
FORTIMO LED DLM FLEX 2000/850 GEN2	929001508480	2000	125	102	5000	> 80	3	75	> 50,000
FORTIMO LED DLM FLEX 2000/865 GEN2	929001504380	2000	125	102	6500	> 80	3	75	> 50,000
FORTIMO LED DLM FLEX 3000/830 GEN2	929001504480	3000	115	94	3000	> 80	3	75	> 50,000
FORTIMO LED DLM FLEX 3000/840 GEN2	929001504580	3000	127	105	4000	> 80	3	75	> 50,000
FORTIMO LED DLM FLEX 3000/850 GEN2	929001508580	3000	127	105	5000	> 80	3	75	> 50,000
FORTIMO LED DLM FLEX 3000/865 GEN2	929001504680	3000	127	105	6500	> 80	3	75	> 50,000
FORTIMO LED DLM FLEX 5000/830 GEN2	929001504780	5000	110	88	3000	> 80	3	75	> 50,000
FORTIMO LED DLM FLEX 5000/840 GEN2	929001504880	5000	122	99	4000	> 80	3	75	> 50,000
FORTIMO LED DLM FLEX 5000/850 GEN2	929001508680	5000	122	99	5000	> 80	3	75	> 50,000
FORTIMO LED DLM FLEX 5000/865 GEN2	929001504980	5000	122	99	6500	> 80	3	75	> 50,000

* Module efficacy is calculated for the typical lm output. For more detailed specifications (including lifetime) please check the datasheets or the Easy Design-in Tool

Accessories

Fortimo LED DLM Flex Cover Shallow housing	929000908506
Fortimo LED DLM Flex High Cover High housing	929000927806
Fortimo LED DLM Flex cable 600mm Cable	929000910706

Fortimo DLM Flex Gen2

Compatible LED Drivers

The Fortimo LED DLM portfolio is compatible with multiple Xitanium LED drivers. Xitanium LED drivers are available as a built-in or independent driver, dimmable or with a fixed output. For a detailed overview of all available Xitanium Indoor Point drivers, please go to the Xitanium Indoor Point driver section at page 53-59. To find the best driver module combination for your application, the Easy Design-in Tool can help you. Below table shows which Xitanium LED driver window is compatible by default with Fortimo LED DLM.

Product specifications

Product type	Product code	1100lm	2000lm	3000lm	5000lm
	12NC				
Smart Point LED Drivers					
Xitanium 20W WH 0.15-0.5A 54V TD/Is 230V	929000991706	√	√		
Xitanium 36W/m 0.3-1.05A 54V TD 230V	929000969906	√	√	√	√
Xitanium 36W WH 0.3-1A 48V TD/Is 230V	929000969906	√	√	√	√
Xitanium 50W WH 0.7-1.5A 54V TD/Is 230V	929000904106			√	√
Fixed Point LED Drivers					
Xitanium 20W WH 0.15-0.5A 54V Is	929001413906	√	√		
Xitanium 20W WH 0.15-0.5A 54V S	929001416506	√	√		
Xitanium 20W/m 0.15-0.5A 48V 230V	929000893806	√	√		
Xitanium 20W/m 0.15-0.5A 54V 230V	929001415006	√	√		
Xitanium 36W/m 0.3-1.05A 48V 230V	929000881806	√	√	√	√
Xitanium 36W WH 0.3-1.05A 54V Is	929001414006	√	√	√	√
Xitanium 36W WH 0.3-1.05A 54V S	929001416606	√	√	√	√
Xitanium 36W/m 0.3-1.05A 54V 230V	929001415106	√	√	√	√
Xitanium 43W/m 0.7-1.2A 54V 230V	929001415206			√	√
Xitanium 50W WH 0.7-1.5A 54V Is	929001416806			√	√
Xitanium 50W/m 0.7-1.5A 54V 230V	929001415306			√	√
Xitanium 50W/m 0.7-1.5A 48V 230V	929000934606			√	√
Xitanium 50W WH 0.7-1.5A 54V S	929001415306			√	√
Fixed Peak Point LED Drivers					
CertaDrive 15W 0.35A 42V I 230V	929000898106	√			
CertaDrive 20W 0.5A 40V I 230V	929000898006		√		
CertaDrive 30W 0.7A 42V I 230V G2	929001414280			√	
CertaDrive 44W 1.05A 42V I 230V G2	929001414580				√
Xitanium 15W 0.35A 42V I 230V	929001410180	√			
Xitanium 21W 0.5A 42V I 230V	929001410280		√		
Xitanium 32W 0.7/0.75A 42V I 230V G2	929001418380			√	
Xitanium 44W 1.0/1.05A 42V I 230V G2	929001418680				√

* Check the Indoor Point driver portfolio on page 53-63 for all available drivers with the operating window you need.

CertaFlux DLM Slim

CertaFlux DLM Slim modules provide a very easy to use solution for downlight applications with affordable cost but no sacrifice to light quality. The module is integrated with optics and heatsink which help to make the product extremely easy to use. Optimized diffuser gives uniform light. The whole DLM portfolio is fully compatilbe with Philips Drivers and with high flexibility in lm/W and $/W. 6500K is added to the family.
Applications: offices, public buildings, hospitality, and retail.

Features

- Provides 600lm/1000lm/2000lm lum package
- Optimized diffuser provides good uniformity
- Up to 130 lm/W @ module level
- Color temperatures: 3000K, 4000K, 5000K, 6500K with CRI >80 and good colour stability over lifetime
- Fully compatible with Philips Certa Drivers

Benefits

- Easy to Use
- Flexible in Flux package with different combination with different drivers
- Good light of Quality



4 inch 6 inch 8 inch

CertaFlux DLM Slim

Product specifications

Product type	Product code	Light Outpout	Module Power	Module Efficacy	Color Temperature	Color Rendering	Color Consistency	Tc Life	B50/L70 at Tc Life
	12NC	lm	W	lm/W	K	Ra	SDCM	°C	hrs
CertaFlux DLM Slim 600lm 830 4" G2	**929003389780**	**670**	**6.6**	**102**	**3000**	**> 80**	**6**	**70**	**> 25,000**
CertaFlux DLM Slim 600lm 840 4" G2	**929003389880**	**690**	**6.6**	**105**	**4000**	**> 80**	**6**	**70**	**> 25,000**
CertaFlux DLM Slim 600lm 850 4" G2	**929003389980**	**690**	**6.6**	**105**	**5000**	**> 80**	**6**	**70**	**> 25,000**
CertaFlux DLM Slim 600lm 865 4" G2	**929003390080**	**690**	**6.6**	**105**	**6500**	**> 80**	**6**	**70**	**> 25,000**
CertaFlux DLM Slim 1000lm 830 4" G2	**929003390180**	**1120**	**9.8**	**115**	**3000**	**> 80**	**6**	**80**	**> 25,000**
CertaFlux DLM Slim 1000lm 840 4" G2	**929003390280**	**1150**	**9.8**	**118**	**4000**	**> 80**	**6**	**80**	**> 25,000**
CertaFlux DLM Slim 1000lm 850 4" G2	**929003390380**	**1150**	**9.8**	**118**	**5000**	**> 80**	**6**	**80**	**> 25,000**
CertaFlux DLM Slim 1000lm 865 4" G2	**929003390480**	**1150**	**9.8**	**118**	**6500**	**> 80**	**6**	**80**	**> 25,000**
CertaFlux DLM Slim 1000lm 830 6" G2	**929003390580**	**1200**	**9.9**	**121**	**3000**	**> 80**	**6**	**65**	**> 25,000**
CertaFlux DLM Slim 1000lm 840 6" G2	**929003390680**	**1260**	**9.9**	**127**	**4000**	**> 80**	**6**	**65**	**> 25,000**
CertaFlux DLM Slim 1000lm 850 6" G2	**929003390780**	**1260**	**9.9**	**127**	**5000**	**> 80**	**6**	**65**	**> 25,000**
CertaFlux DLM Slim 1000lm 865 6" G2	**929003390880**	**1260**	**9.9**	**127**	**6500**	**> 80**	**6**	**65**	**> 25,000**
CertaFlux DLM Slim 2000lm 830 6" G2	**929003390980**	**2070**	**16.3**	**127**	**3000**	**> 80**	**6**	**75**	**> 25,000**
CertaFlux DLM Slim 2000lm 840 6" G2	**929003391080**	**2140**	**16.3**	**132**	**4000**	**> 80**	**6**	**75**	**> 25,000**
CertaFlux DLM Slim 2000lm 850 6" G2	**929003391180**	**2140**	**16.3**	**132**	**5000**	**> 80**	**6**	**75**	**> 25,000**
CertaFlux DLM Slim 2000lm 865 6" G2	**929003391280**	**2140**	**16.3**	**132**	**6500**	**> 80**	**6**	**75**	**> 25,000**
CertaFlux DLM Slim 2000lm 830 8" G2	**929003391380**	**2150**	**16.3**	**132**	**3000**	**> 80**	**6**	**70**	**> 25,000**
CertaFlux DLM Slim 2000lm 840 8" G2	**929003391480**	**2210**	**16.3**	**136**	**4000**	**> 80**	**6**	**70**	**> 25,000**
CertaFlux DLM Slim 2000lm 850 8" G2	**929003391580**	**2210**	**16.3**	**136**	**5000**	**> 80**	**6**	**70**	**> 25,000**
CertaFlux DLM Slim 2000lm 865 8" G2	**929003391680**	**2210**	**16.3**	**136**	**6500**	**> 80**	**6**	**70**	**> 25,000**

NEW

* Module Light output and efficacy is calculated @ typical. Measurement presision for flux +/-5%, Measurement presision for efficacy +/- 6%.

For more detailed specifications (including lifetime) please approach local sales team

CertaFlux DLM Slim

Compatible LED Drivers

The CretaFlux DLM portfolio is compatible with multiple Certa LED drivers. For a detailed overview of all available Indoor Point drivers, pls go to the Certa Indoor Point driver section at page 60-63. To find the best driver module combination for your application, the Easy Design-in Tool can help you. Below table shows which Xitanium and Certa LED driver window is compatible by default with Fortimo LED SLM.

Product specifications

Product type	Product code	600lm 4"	1000lm 4"	1000lm 6"	2000lm 6"	2000lm 8"
	12NC					
CertaDrive 6W 0.15A 40V LPF I 230V	929001411780	√				
CertaDrive 8W 0.2A 40V LPF I 230V	929001409980	√				
CertaDrive 11W 0.25A 42V I 230V	929001421880	√				
CertaDrive 10W 0.25A 40V LPF I 230V	929001480380	√				
CertaDrive 17W 0.4A 42V I 230V	929001422180		√	√		
CertaDrive 14W 0.35A 40V LPF I 230V	929001480480		√	√		
CertaDrive 21W 0.5A 42V I 230V	929001422380			√	√	√
CertaDrive 20W 0.5A 40V LPF I 230V	929001480780			√	√	√
CertaDrive 30W 0.7A 42V I 230V	929002819480				√	√
CertaDrive 30W/m 0.7A 42V 230V	929002860780				√	√
CertaDrive 21W 0.5A 42V I 230V	929001422380		√	√	√	
CertaDrive 30W 0.7A 42V I 230V	929002819480			√	√	√
CertaDrive 20W 0.5A 40V LPF I 230V	929001480780		√	√		
Xitanium 20W WH 0.15 -0.5A 54V TD/Is 230V	929000991706	√	√	√	√	√
Xitanium 36W WH 0.3-1A 54V TD/Is 230V	929000969906		√	√	√	√
Xitanium 36W/m 0.3-1.05A 54V TD 230V	929001419106			√	√	√

* For latest compatialbe driver list, please always help to check with local sales team



Linear drivers

Create the office of the future

Portfolio

Isolated Linear Driver

Product type	Dimming			Basic Features and Performance		
	SR	DALI	1-10V	Programmable	Adjustable Output Current(AOC)	Driver lifetime (hours)
Xitanium Programmable SR	Yes	Yes	No	Yes	Yes	100,000
Xitanium Programmable	No	Yes	No	Yes	Yes	100,000
Xitanium AOC	No	No	Yes	Yes	Yes	100,000
Xitanium Single Current	No	No	Yes	No	No	50,000-100,000
CertaDrive Single Current	No	No	No	No	No	30,000-50,000

Non-isolated Linear Driver

Product type	Dimming				Basic Features and Performance		
	MasterConnect	SR	DALI	1-10V	Programmable	Adjustable Output Current(AOC)	Driver lifetime (hours)
Xitanium Programmable SR	No	Yes	Yes (D4i)	No	Yes	Yes	100,000
Xitanium Programmable	Yes	No	Yes	No	Yes	Yes	100,000
Xitanium AOC	No	No	No	Yes	Yes	Yes	100,000
Xitanium Single Current	--	--	--	--	-	--	--
CertaDrive Single Current	No	No	No	No	No	No	30,000

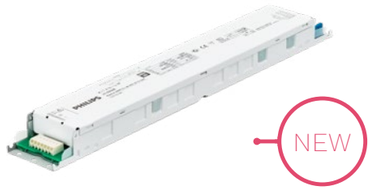


Linear New Products

Just released!

Xitanium non-iso 300W Industry DALI driver [D4i upgrade]

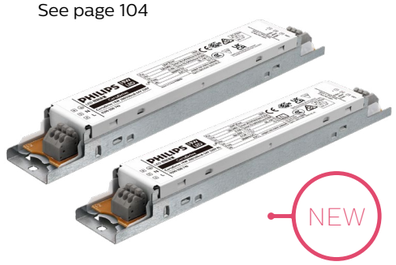
See page 101



The new generation iXt driver equips implementation of standardized memory banks (DALI parts 251, 252 and 253), making the driver compliant with the latest DiiA standards. Furthermore, Adjustable Start-up Time (AST) has been added as a feature that can be configured via the MultiOne software.

CertaDrive non-isolated 19W-65W, low ripple, dual current (Standard & EL version)

See page 104

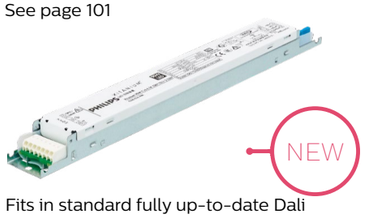


The new generation CertaDrive non-isolated low-ripple dual-current Linear Drivers offer an attractive combination of features and benefits for a wide range of Linear applications. EL version added additional value to work compatibly with DC Emergency Lighting.

Just released!

Xitanium non-isolated 90W, DALI & Touch Dim

See page 101



Fits in standard fully up-to-date Dali networks, enabling luminaire manufacturers to create intelligent luminaires that report operational, diagnostic and inventory data. Bring added value to end-users.

Xitanium isolated 21/44W, dip switch, 1-10V, independent

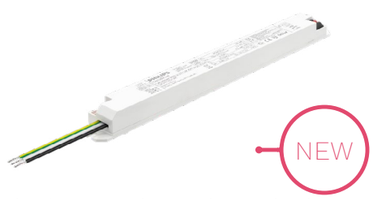
See page 103



Dimmable: 1-10V, enable adjustable output light for end users; 4 currents settable by dip switch, easily to operate and reduce SKU's by 75%; independent design for panels beneficial.

CertaDrive isolated 31W/ 50W, dual current, 18mm low profile, DS

See page 104



This CertaDrive driver is designed with 18mm low profile, which enables ample luminaire design freedom. Dual current reduces the SKU's by 50%. What' more, 50k hrs lifetime makes the driver more reliable and cost saving.

Just released!

Xitanium isolated 41W/72W DALI & Touch Dim, Dip switch

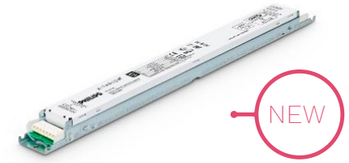
See page 101



Dimmable & programmable: Dali 2.0, which enable adjustable light output by end users; 4 currents settable by dip switch, easily to operate and reduce SKU's by 75%.

Xitanium isolated 36W/75W DALI & Touch Dim G2

See page 101



Offer best in class performance and comply with the latest DiiA standards, including standardized memory banks (DALI parts 251, 252 and 253), enable manufacturers to create intelligent luminairs that report operational , diagnostic and inventory data.

Xitanium non-isolated 35W/60W MasterConnect Wireless

See page 101



Work standalone or with sensor, switch and MC app. Fits in existing luminaires also enables dimming without the hassle and cost of wiring. A brand new innovation for intelligent application.

Xitanium Programmable SR

Because light is all around us, the lighting infrastructure is an ideal platform for collecting and carrying information. This is the driving force behind connected lighting. D4i brings standardization to intra-luminaire DALI and defines how data relevant for connected lighting networks is stored and communicated. D4i extends the existing DALI-2 program by adding a standard for power supply to control devices such as sensors (DALI part 250). It also standardizes how drivers store and report data, including luminaire info (DALI part 251), energy metering (DALI part 252) and diagnostics (DALI part 253). This standardization makes it easier for luminaire manufacturers to create luminaires that can easily be integrated in connected lighting systems.
For more information go to **philips.com/xitaniumsr** .



SR bridge (can be used in combination with all indoor DALI drivers, including point source drivers)

Product name	Product code	Housing	Dimming range	Output power range	Output current range	Output voltage range	Energy metering accuracy	SimpleSet
	12NC	mm	%	W	A	V	%	
Xitanium SR bridge built-in	929001546406	204x30x21	n.a.	n.a.	n.a.	n.a.	4	n.a.
Xitanium SR bridge independent	929001546506	228x30x21	n.a.	n.a.	n.a.	n.a.	4	n.a.



SR non-isolated FlexTune drivers - for tunable white applications

Product name	Product code	Housing	Dimming range	Output power range	Output current range	Output voltage range	Energy metering accuracy	SimpleSet
	12NC	mm	%	W	A	V	%	
Xi 36W 0.08-0.4A 220V SR FlexTune 230V	929001693706	360x30x21	100-1	10-36	0.08-0.4	50-220	4	√
Xi 75W 0.15-0.7A 220V SR FlexTune 230V	929001693806	360x30x21	100-1	21-75	0.15-0.7	50-220	4	√



SR non-isolated drivers

Product name	Product code	Housing	Dimming range	Output power range	Output current range	Output voltage range	Energy metering accuracy	SimpleSet
	12NC	mm	%	W	A	V	%	
Xitanium 35W 0.08-0.35A 150V SR 230V	929001695306	360x30x21	100-1	10-35	0.08-0.35	50-150	4	√
Xitanium 60W 0.08-0.35A 220V SR 230V	929001695406	360x30x21	100-1	17-60	0.08-0.35	50-220	4	√
Xitanium 60W 0.08-0.35A 300V SR 230V	929001695506	360x30x21	100-1	17-60	0.08-0.35	100-300	4	√
Xitanium 100W 0.25-0.7A 220V SR 230V	929001695606	360x30x21	100-1	28-100	0.25-0.27	50-220	4	√



SR non-isolated - for industry applications

Product name	Product code	Housing	Dimming range	Output power range	Output current range	Output voltage range	Energy metering accuracy	SimpleSet
	12NC	mm	%	W	A	V	%	
Xitanium 100W 0.15-0.5A 300V SR 230V iXt	929001695706	425x30x21	100-1	28-100	0.15-0.5	100-300	4	√
Xitanium 150W 0.2-0.7A 300V SR 230V iXt	929001695806	425x30x21	100-1	43-150	0.2-0.7	100-300	4	√



SR isolated drivers

Product name	Product code	Housing	Dimming range	Output power range	Output current range	Output voltage range	Energy metering accuracy	SimpleSet
	12NC	mm	%	W	A	V	%	
Xitanium 36W 0.3-1A_54V SR 230V	929001516306	360x30x21	100-1	10-36	0.3-1	27-54	4	√
Xitanium 75W 0.7-2.0A 54V SR 230V	929001505006	360x30x21	100-1	21-75	0.7-2	27-54	4	√

Xitanium Programmable

Xitanium LED drivers are designed to operate LED solutions for professional general lighting applications, with non-isolated and isolated drivers to support HV and LV linear systems. Flexibility in luminaire design is assured thanks to an adjustable output current. Application-oriented operating windows offer the flexibility required to provide the stable lumen output and light quality levels that lighting specifiers and architects demand. Reliability is enhanced by specific features that protect the connected LED module, e.g. hot wiring, reduced ripple current and thermal de-rating. With Xitanium programmable indoor linear drivers, it supports light point management and is programmable for all your needs.
Applications: office, industry, retail, public buildings (airports, cinemas, theatres, exhibition halls), distribution centers and shopping malls

Features

- Dimmable and Programmable
- Latest DiiA standards, including implementation of standardized memory banks (DALI parts 251, 252 and 253).
- iXt (Industry Extreme) LED-drivers have a Longer life time (100khrs), improved surge and burst (4kV) and Tambient (-40°C to +60°C) specifications
- Central DC operation supported (except for Dipswitch version)
- MC drivers can work standalone or with sensor, switch and MC app and is upgradable to cloud solutions (IoT) with a gateway

Benefits

- Optimize intelligent features for each application
- Fits in standard fully up-to-date Dali networks, enabling luminaire manufacturers to create intelligent luminaires that report operational, diagnostic and inventory data
- Enlarges the application field for more stable and reliable output light, especially for industrial application
- Compatible with Emergency Lighting
- Enables room-based control. Applications such as heat mapping, energy dashboarding, diagnostics etc. become possible with a gateway.



Xitanium Programmable

Product specifications

	Product type	Product code	Isolated	Output Power	Output Voltage	Uout max	Dimensions	Dimming	Adjustable Output Current
		12NC		W	V	V	mm		
	Xitanium 35W 0.08-0.35A 220V TD11 230V	929001696706	No	10-35	50-220	250	280x30x11	Dali & Touch Dim	MultiOne, SimpleSet, LEDSet
	Xitanium 60W 0.15-0.5A 220V TD11 230V	929001696806	No	17-60	50-220	250	280x30x11	Dali & Touch Dim	MultiOne, SimpleSet, LEDSet
	Xitanium 35W 0.08-0.35A 220V TD16 230V	929001681406	No	10-35	50-220	250	280x30x16	Dali & Touch Dim	MultiOne, SimpleSet, LEDSet
	Xitanium 60W 0.08-0.35A 300V TD16 230V	929001681506	No	17-60	100-300	330	280x30x16	Dali & Touch Dim	MultiOne, SimpleSet, LEDSet
	Xitanium 60W 0.15-0.5A 220V TD16 230V	929001681606	No	17-60	50-220	250	280x30x16	Dali & Touch Dim	MultiOne, SimpleSet, LEDSet
	Xitanium 100W 0.25-0.7A 220V TD16 230V	929001547306	No	28-100	50-220	250	360x30x16	Dali & Touch Dim	MultiOne, SimpleSet, LEDSet
	Xitanium 35W 0.08-0.35A 220V TD21 230V	929001681706	No	10-35	50-220	250	280x30x21	Dali & Touch Dim	MultiOne, LEDSet
	Xitanium 60W 0.08-0.35A 300V TD21 230V	929001681806	No	17-60	100-300	330	280x30x21	Dali & Touch Dim	MultiOne, LEDSet
	Xitanium 60W 0.15-0.5A 220V TD21 230V	929001681906	No	17-60	50-220	250	280x30x21	Dali & Touch Dim	MultiOne, LEDSet
	Xitanium 75W 0.12-0.4A 215V TD 230V	929000852103	No	21-75	100-215	275	360x30x22	Dali & Touch Dim	MultiOne, LEDSet
	Xitanium 100W 0.15-0.5A 300V iXt TD 230V	929001685606	No	28-100	100-300	330	360x30x21	Dali & Touch Dim	MultiOne, SimpleSet, LEDSet
	Xitanium 150W 0.2-0.7A 300V iXt TD 230V	929001685706	No	43-150	100-300	330	360x30x21	Dali & Touch Dim	MultiOne, SimpleSet, LEDSet
	Xitanium 300W 0.5-1.4A 300V iXt TD 230V	**929001696606**	**No**	**85-300**	**100-300**	**330**	**360x50x28**	**Dali & Touch Dim**	**MultiOne, SimpleSet, LEDSet**
NEW	**Xitanium 90W 0.25-0.7A 220V TD21 230V**	**929001694706**	**No**	**25-90**	**50-220**	**250**	**280x30x21**	**Dali & Touch Dim**	**MultiOne, LEDset**
	Xitanium 90W 0.25-0.7A 220V TD21 S 230V	**929001694806**	**No**	**25-90**	**50-220**	**250**	**280x30x21**	**Dali & Touch Dim**	**MultiOne, LEDset, SimpleSet**
	Xitanium 90W 0.15-0.5A 300V TD21 S 230V	**929001694906**	**No**	**25-90**	**100-300**	**330**	**280x30x21**	**Dali & Touch Dim**	**MultiOne, LEDset, SimpleSet**
	Xitanium 18W 0.1-0.5A 54V TD 230V	929001682106	Yes	6-18	24-54	60	210x30x21	Dali & Touch Dim	MultiOne, SimpleSet, LEDSet
	Xitanium 36W 0.3-1A 54V TD 230V	929001503606	Yes	10-36	27-54	60	360x30x21	Dali & Touch Dim	MultiOne, SimpleSet, LEDSet
	Xitanium 75W 0.7-2A 54V TD 230V	929001503706	Yes	21-75	27-54	60	360x30x21	Dali & Touch Dim	MultiOne, SimpleSet, LEDSet
	Xitanium 32W 0.35-0.7A 46V TD DS 230V I	929002851680	Yes	12-32.2	23-46	60	215x50.5x30	Dali & Touch Dim	dipswitch
	Xitanium 48W 0.7-1.05A 46V TD DS 230V I	929002851780	Yes	16.1-48.3	23-46	60	215x50.5x30	Dali & Touch Dim	dipswitch
	Xitanium 41W 0.5-0.8A 51V TD DS 230V	**929002876880**	**Yes**	**11.5-40.8**	**23-51**	**60**	**360x30x21**	**Dali & Touch Dim**	**dipswitch**
NEW	**Xitanium 72W 0.9-1.4A 51V TD DS 230V**	**929002876980**	**Yes**	**20.7-71.4**	**23-51**	**60**	**360x30x21**	**Dali & Touch Dim**	**dipswitch**
	Xitanium 36W 0.3-1.0A 54V TD 230V G2	**929001696006**	**Yes**	**10-36**	**27-54**	**60**	**360x30x21**	**Dali & Touch Dim**	**MultiOne, iSet**
	Xitanium 75W 0.7-2.0A 54V TD 230V G2	**929001696106**	**Yes**	**21-75**	**27-54**	**60**	**360x30x21**	**Dali & Touch Dim**	**MultiOne, iSet**

Product specifications

	Product type	Product code	Isolated	Output Power	Output Voltage	Uout max	Dimensions	Dimming	Adjustable Output Current
		12NC		W	V	V	mm		
NEW	**Xitanium 35W 0.08-0.35A 220V MC21 230V**	**929001693906**	**No**	**10-35**	**50-220**	**250**	**280x30x21**	**MasterConnect**	**SimpleSet, Wireless**
	Xitanium 60W 0.15-0.5A 220V MC21 230V	**929001694006**	**No**	**17-60**	**50-220**	**250**	**280x30x21**	**MasterConnect**	**SimpleSet, Wireless**



L360



L360



L360



L215

Xitanium Adjustable Output Current

Xitanium LED drivers are designed to operate LED solutions for professional general lighting applications, with non-isolated and isolated drivers to support HV and LV linear systems. With Xitanium LED drivers, flexibility in luminaire design is assured thanks to an adjustable output current. Application-oriented operating windows offer the flexibility required to provide the stable lumen output and light quality levels that lighting specifiers and architects demand. Reliability is enhanced by specific features that protect the connected LED module, e.g. hot wiring, reduced ripple current and thermal de-rating.
Applicarions: office, industry, retail, public buildings (airports, cinemas, theatres, exhibition halls), distribution centers and shopping malls

Features

- Multiple versions: 1-10V dimmable and fixed output
- Adjustable output current via a resistor outside the driver or with SimpleSet tools
- iXt (Industry Extreme) LED-drivers have a Longer life time (100khrs), improved surge and burst (4kV) and Tambient (-40°C to +60°C) specifications
- Central DC operation supported
- Low profile, height down to 16mm for non-isolated drivers

Benefits

- Fulfill various requirements based on cost efficiency
- Compatibility - adjustable output current enables operation of various LED solutions from different manufacturers or OEM own designs
- Enlarges the application field for more stable and reliable output light, especially for industrial application
- Compatible with Emergency Lighting
- Low profile drivers enabling greater luminaire design freedom



L280



L280



L360



L424

Product specifications

Product type	Product code	Isolated	Output Power	Output Current	Output Voltage	Uout max	Dimensions	Dimming	Adjustable Output Current
	12NC		W	A	V	V	mm		
Xitanium 150W 0.2-0.7A 300V 230V iXt	929001506706	No	43-150	0.2...0.7	100-300	330	360x30x21	No	SimpleSet & LEDSet
Xitanium 100W 0.15-0.5A 300V 230V iXt	929001506606	No	28-100	0.15...0.5	100-300	330	360x30x21	No	SimpleSet & LEDSet
Xitanium 75W 0.12-0.4A 220V 1-10V 230V	929000953706	No	21-75	0.12...0.4	100-220	250	280x30x21	1-10V	LEDSet
Xitanium 36W 0.12-0.4A 115V 1-10V 230V	929000953606	No	10-36	0.12...0.4	50-115	170	280x30x21	1-10V	LEDSet
Xitanium 75W 0.12-0.4A 220V 230V	929000950706	No	21-75	0.12...0.4	100-220	330	280x30x21	No	LEDSet
Xitanium 36W 0.12-0.4A 115V 230V	929000950606	No	10-36	0.12...0.4	50-115	330	280x30x21	No	LEDSet
Xitanium 100W 0.25-0.7A 220V S21 230V	929002116106	No	28-100	0.25...0.7	50-220	250	360x30x21	No	SimpleSet
Xitanium 60W 0.15-0.5A 220V S16 230V	929002116006	No	17-60	0.15...0.5	50-220	250	280x30x16	No	SimpleSet
Xitanium 60W 0.08-0.35A 300V S16 230V	929002115906	No	17-60	0.08...0.35	100-300	330	280x30x16	No	SimpleSet
Xitanium 35W 0.08-0.35A 220V S16 230V	929002115806	No	10-35	0.08...0.35	50-220	250	280x30x16	No	SimpleSet
Xitanium 35W 0.08-0.35 150V S 230V	929001506406	No	10...35	0.08...0.35	50-150	250	280x30x21	No	SimpleSet
Xitanium 60W 0.08-0.35A 300V S 230V	929001506506	No	17...60	0.08...0.35	100-300	330	280x30x21	No	SimpleSet
Xitanium 60W 0.08-0.35A 220V S 230V	929001509106	No	17...60	0.08...0.35	50-220	250	280x30x21	No	SimpleSet
Xitanium 100W 0.25-0.7A 220V S 230V	929001529506	No	28...100	0.25...0.7	50-220	250	360x30x21	No	LEDset, SimpleSet
Xitanium 90W 0.25-0.7A 220V 21 230V	929001694606	No	25-90	0.25...0.7	50-220	250	280x30x21	No	LEDSet
Xitanium 60W 0.15-0.5A 220V 21 230V	929001694506	No	17-60	0.15...0.5	50-220	250	280x30x21	No	LEDSet
Xitanium 60W 0.08-0.35A 300V 21 230V	929001694406	No	17-60	0.08...0.35	100-300	330	280x30x21	No	LEDSet
Xitanium 35W 0.08-0.35A 220V 21 230V	929001694306	No	10-35	0.08...0.35	50-220	250	280x30x21	No	LEDSet
Xitanium 65W 0.5-1.4A 54V S 230V	929001571506	Yes	18.5-65	0.5...1.4	27-54	60	360x30x21	No	SimpleSet & LEDSet
Xitanium 36W 0.3-1.05A 54V S 230V	929001571406	Yes	10-36	0.3...1.05	27-54	60	360x30x21	No	SimpleSet & LEDSet
Xitanium 18W 0.1-0.5A 54V S 230V	929001487906	Yes	6-18	0.1...0.5	24-54	60	210x30x21	No	SimpleSet & LEDSet
Xitanium 75W 0.7-2A 54V 230V	929001694206	Yes	21-75	0.7...2.0	27-54	60	360x30x21	No	LEDSet
Xitanium 36W 0.3-1A 54V 230V	929001694106	Yes	11-36	0.3...1.0	27-54	60	360x30x21	No	LEDSet

Xitanium Single Current

Xitanium LED drivers with single current output offer industry leading performance and reliability at optimized cost. They are ideal for high volume applications where performance specification is also very key. These drivers gurantee OEMs Xitanium performance and Philips dependability but with standard current settings.
Applications: office & public buildings (panel), retail, industry, distribution centers and shopping malls

Features
- Low ripple: 1-4%, low output current tolerance
- Dip switch version: 2/4 currents settable
- Dimmable version:1-10V
- 50k hours lifetime

Benefits
- Enable healthier and higher quality of light
- Reduce SKU's by 50-75%
- Adjustable light output by end users
- High reliability underpinned by 5 year warranty



L115



L195



L143



L250



L280

Product specifications

	Product type	Product code	Isolated	Output Power	Output Voltage	Ripple	Dimensions LxWxH	Dimming
		12NC		W	V		mm	
NEW	**Xitanium 21W 0.2-0.5A 42V 1-10V 230V I**	**929002882180**	**Yes**	**6-21**	**30-42**	**<4%**	**157x53.6x30**	**1-10V**
	Xitanium 44W 0.7-1.05A 42V 1-10V 230V I	**929002882280**	**Yes**	**21-44**	**30-42**	**<4%**	**157x53.6x30**	**1-10V**
	Xitanium 30W LT 0.7A 42V 230V I	929002171080	Yes	21-29.4	30-42	<1%	143x54x30	No
	Xitanium 34W LT 0.8A 42V 230V I	929002171180	Yes	24-33.6	30-42	<1%	143x54x30	No
	Xitanium 38W LT 0.9A 42V 230V I	929002171280	Yes	27-37.8	30-42	<1%	143x54x30	No
	Xitanium 44W LT 1.05A 42V 230V I	929002171380	Yes	31.5-44	30-42	<1%	143x54x30	No
	Xitanium 44W 0.9/1.05A 42V 13 230V	929001425480	Yes	27-44	30-42	<4%	250x48.6x13	No
	Xitanium 25W 0.5/0.6A 42V 13 230V	929001425380	Yes	15-25.2	30-42	<4%	250x48.6x13	No
	Xitanium 59W 1.2/1.4A 42V 230V	929001420180	Yes	32.4-58.8	27-42	<4%	280x30x21	No
	Xitanium 41W 0.5-0.8A 51V DS 230V	929002831880	Yes	11.5-41	23-51	<4%	188x30x21	No
	Xitanium 54W 0.9/1.05A 51V DS 230V	929002831980	Yes	20.7-53.5	23-51	<4%	210x30x21	No
	Xitanium 72W 1.2/1.4A 51V DS 230V	929002832080	Yes	27.6-71.4	23-51	<4%	280x30x21	No
	Xitanium 40W 0.3/0.35A 115V 230V	929001487706	Yes	21-40	70-115	<4%	211x40x30	No

CertaDrive Single Current

CertaDrive LED drivers are designed to fulfill the market needs for essential lighting. They are therefore ideal for high volume applications and can be used with CertaFlux LED modules, or other LED light engines. This generation of low ripple drivers will enable manufacturers to create luminaires that meet PstLM and SVM requirements for their luminaires as defined by the European Single Lighting Regulation (SLR). In addition, low ripple is becoming a trend, as part of a driver to provide more healthy quality of Light.
Applications: office (recessed & suspended luminaires), industry & retail (waterproof, trunking)

Features
- Non-isolated driver reduces ripple to <4%
- New products with Dual current
- EL(Emergency Lighting) version can operate on DC input
- 30,000-50,000 hours lifetime at Tc-life

Benefits
- Healthy quality light and meets SLR
- Reduce SKU's by 50%
- Compatible with DC Emergency Lighting
- 3 year warranty



L168



L210



L280

L125

Product specifications

	Product type	Product code	Isolated	Output Power	Output Voltage	Uout max	Ripple	Dimensions
		12NC		W	V	V		mm
	CertaDrive 20W 350mA 57V 230V	929002108380	No	10.5-20	30-57	300	<30%	168x30x21
	CertaDrive 30W 350mA 85V 230V	929002108480	No	17.5-30	50-85	300	<30%	168x30x21
	CertaDrive 40W 350mA 115V 230V	929002108580	No	24.5-40	70-115	300	<30%	168x30x21
	CertaDrive 60W 350mA 170V 230V	929002108680	No	36.8-60	105-170	300	<30%	210x30x21
	CertaDrive 19W 200-350mA 54V DS 230V	929002165880	No	6-19	30-54	210	<30%	168x30x21
	CertaDrive 44W 200-350mA 125V DS 230V	929002165980	No	14-43.7	70-125	210	<30%	168x30x21
	CertaDrive 65W 200-350mA 185V DS 230V	929002166080	No	24-64.7	120-185	250	<30%	210x30x21
	CertaDrive 19W 200/350mA 54V 230V	**929002874380**	**No**	**7-19**	**30-54**	**210**	**<4%**	**210x30x21**
	CertaDrive 38W 250/300mA 125V 230V	**929002881980**	**No**	**17.5-37.5**	**70-125**	**210**	**<4%**	**210x30x21**
	CertaDrive 44W 200/350mA 125V 230V	**929002874480**	**No**	**15-43.75**	**70-125**	**210**	**<4%**	**210x30x21**
	CertaDrive 56W 250/300mA 185V 230V	**929002882080**	**No**	**30-55.5**	**120-185**	**250**	**<4%**	**210x30x21**
NEW	**CertaDrive 65W 200/350mA 185V 230V**	**929002874580**	**No**	**24-64.75**	**120-185**	**250**	**<4%**	**210x30x21**
NEW	**CertaDrive 19W 200/350mA 54V 230V EL**	**929002874680**	**No**	**7-19**	**30-54**	**210**	**<4%**	**210x30x21**
	CertaDrive 44W 200/350mA 125V 230V EL	**929002874780**	**No**	**15-43.75**	**70-125**	**210**	**<4%**	**210x30x21**
	CertaDrive 65W 200/350mA 185V 230V EL	**929002874880**	**No**	**30-55.5**	**120-185**	**250**	**<4%**	**210x30x21**
	CertaDrive 44W 1.05A 42V 230V	929002107580	Yes	24.1-44	23-42	60	<30%	210x30x21
	CertaDrive 41W 0.5-0.8A 51V DS 230V	929002141380	Yes	11.5-41	23-51	60	<30%	210x30x21
	CertaDrive 54W 0.9/1.05A 51V DS 230V	929002141480	Yes	20.7-53.5	70-125	60	<30%	210x30x21
	CertaDrive 72W 1.2/1.4A 51V DS 230V	929002141680	Yes	27.6-71.4	120-185	60	<30%	280x30x21
	CertaDrive 25W 0.5/0.6A 42V 230V I	929002804680	Yes	15-25.2	23-42	60	<4%	125x45x31.8
	CertaDrive 34W 0.7/0.8A 42V 230V I	929002804780	Yes	21-33.6	23-42	60	<4%	125x45x31.8
	CertaDrive 44W 0.9/1.05A 42V 230V I	929002804880	Yes	27-44.1	23-51	60	<4%	125x45x31.8

Quality of light to brighten up spaces

Fortimo LED strip Gen5

Our new Fortimo LED strip Gen5 portfolio is fully upgraded. With an improved efficacy, this extensive portfolio is widely used in a variety of luminaire types: office troffers, trunking, waterproof, battens, light lines and many more. One of the key benefits of the Fortimo LED strip portfolio is that once you design it into your systems, you can easily upgrade to high efficiency solutions, FlexTune (tunable white), high flux and HCL solutions. Besides that, the portfolio is extremely wide to cover all your needs in luminaire designs: from 0.5 ft to 5 ft, high voltage or low voltage, a wide range of CCTs in CRI 80 and CRI 90, connectors on the front or back and different lumen output versions. The CRI 90 products in Gen5 and Gen4+ are all equipped with our unique high efficient CRI 90 technology, closing the lm/W gap to CRI 80 minimum.



Product information Gen5 (HV)

Commercial name	Product code	Light output	Module efficacy	Color rendering	Color consistency	Lifetime	Case temp. lifetime
	12NC	lm	lm/W @ Tc Nom	CRI	SDCM	hrs	°C
Low-flux (650 lm per 1 ft / 280 mm)							
Fortimo LED strip 1ft 650lm 830 FC HV5	929002119706	620	172	>80	3	>60,000	70
Fortimo LED strip 1ft 650lm 840 FC HV5	929002119806	650	181	>80	3	>60,000	70
Fortimo LED strip 1ft 650lm 927 FC HV5	929002119906	585	155	>90	3	>60,000	70
Fortimo LED strip 1ft 650lm 930 FC HV5	929002120006	620	164	>90	3	>60,000	70
Fortimo LED strip 1ft 650lm 940 FC HV5	929002120106	650	172	>90	3	>60,000	70
Fortimo LED strip 1ft 650lm 830 BC HV5	929002120206	620	172	>80	3	>60,000	70
Fortimo LED strip 1ft 650lm 840 BC HV5	929002120306	650	181	>80	3	>60,000	70
Fortimo LED strip 2ft 1300lm 830 FC HV5	929002123206	1235	172	>80	3	>60,000	70
Fortimo LED strip 2ft 1300lm 840 FC HV5	929002123306	1300	181	>80	3	>60,000	70
Fortimo LED strip 2ft 1300lm 930 FC HV5	929002123406	1235	163	>90	3	>60,000	70
Fortimo LED strip 2ft 1300lm 940 FC HV5	929002123506	1300	172	>90	3	>60,000	70
Fortimo LED strip 2ft 1300lm 830 BC HV5	929002123606	1235	172	>80	3	>60,000	70
Fortimo LED strip 2ft 1300lm 840 BC HV5	929002123706	1300	181	>80	3	>60,000	70
Mid-flux (1100 lm per 1 ft / 280 mm)							
Fortimo LED strip 0.5 ft 490lm 830 FC HV5	929002119106	465	173	>80	3	>60,000	70
Fortimo LED strip 0.5 ft 490lm 840 FC HV5	929002119206	490	182	>80	3	>60,000	70
Fortimo LED strip 0.5 ft 490lm 930 FC HV5	929002119306	465	165	>90	3	>60,000	70
Fortimo LED strip 0.5 ft 490lm 940 FC HV5	929002119406	490	174	>90	3	>60,000	70
Fortimo LED strip 0.5 ft 490lm 830 BC HV5	929002119506	465	173	>80	3	>60,000	70
Fortimo LED strip 0.5 ft 490lm 840 BC HV5	929002119606	490	182	>80	3	>60,000	70
Fortimo LED strip 1ft 1100lm 830 FC HV5	929002121106	1045	173	>80	3	>60,000	70
Fortimo LED strip 1ft 1100lm 840 FC HV5	929002121206	1100	183	>80	3	>60,000	70
Fortimo LED strip 1ft 1100lm 850 FC HV5	929002121306	1100	183	>80	3	>60,000	70
Fortimo LED strip 1ft 1100lm 865 FC HV5	929002121406	1100	183	>80	3	>60,000	70
Fortimo LED strip 1ft 1100lm 927 FC HV5	929002121506	990	156	>90	3	>60,000	70
Fortimo LED strip 1ft 1100lm 930 FC HV5	929002121606	1045	165	>90	3	>60,000	70
Fortimo LED strip 1ft 1100lm 940 FC HV5	929002121706	1100	174	>90	3	>60,000	70
Fortimo LED strip 1ft 1100lm 965 FC HV5	929002121806	1100	174	>90	3	>60,000	70
Fortimo LED strip 1ft 1100lm 830 BC HV5	929002121906	1045	173	>80	3	>60,000	70
Fortimo LED strip 1ft 1100lm 840 BC HV5	929002122006	1100	183	>80	3	>60,000	70
Fortimo LED strip 2ft 2200lm 830 FC HV5	929002124406	2090	173	>80	3	>60,000	70
Fortimo LED strip 2ft 2200lm 840 FC HV5	929002124506	2200	183	>80	3	>60,000	70
Fortimo LED strip 2ft 2200lm 850 FC HV5	929002124606	2200	183	>80	3	>60,000	70
Fortimo LED strip 2ft 2200lm 865 FC HV5	929002124706	2200	183	>80	3	>60,000	70
Fortimo LED strip 2ft 2200lm 930 FC HV5	929002124806	2090	165	>90	3	>60,000	70
Fortimo LED strip 2ft 2200lm 940 FC HV5	929002124906	2200	174	>90	3	>60,000	70
Fortimo LED strip 2ft 2200lm 830 BC HV5	929002125006	2090	173	>80	3	>60,000	70
Fortimo LED strip 2ft 2200lm 840 BC HV5	929002125106	2200	183	>80	3	>60,000	70
Fortimo LED strip 1120mm 4400lm 830 HV5F	929002174006	4180	173	>80	3	>60,000	70
Fortimo LED strip 1120mm 4400lm 840 HV5F	929002174106	4400	182	>80	3	>60,000	70
Fortimo LED strip 1120mm 4400lm 850 HV5F	929002174206	4400	182	>80	3	>60,000	70
Fortimo LED strip 1120mm 4400lm 865 HV5F	929002174306	4400	182	>80	3	>60,000	70
Fortimo LED strip 1120mm 4400lm 930 HV5F	929002174406	4180	161	>90	3	>60,000	70
Fortimo LED strip 1120mm 4400lm 940 HV5F	929002174506	4400	170	>90	3	>60,000	70
Fortimo LED strip 1120mm 4400lm 830 HV5B	929002174606	4180	173	>80	3	>60,000	70
Fortimo LED strip 1120mm 4400lm 840 HV5B	929002174706	4400	182	>80	3	>60,000	70
Fortimo LED strip 1400mm 5500lm 830 HV5F	929002176806	5225	173	>80	3	>60,000	70
Fortimo LED strip 1400mm 5500lm 840 HV5F	929002176906	5500	182	>80	3	>60,000	70
Fortimo LED strip 1400mm 5500lm 865 HV5F	929002177006	5500	182	>80	3	>60,000	70
Fortimo LED strip 1400mm 5500lm 930 HV5F	929002177106	5225	162	>90	3	>60,000	70
Fortimo LED strip 1400mm 5500lm 940 HV5F	929002177206	5500	171	>90	3	>60,000	70
Fortimo LED strip 1400mm 5500lm 830 HV5B	929002177306	5225	173	>80	3	>60,000	70
Fortimo LED strip 1400mm 5500lm 840 HV5B	929002177406	5500	182	>80	3	>60,000	70

Fortimo LED strip Gen5

Product information Gen5 (HV)

Commercial name	Product code	Light output	Module efficacy	Color rendering	Color consistency	Lifetime	Case temp. lifetime
	12NC	lm	lm/W @ Tc Nom	CRI	SDCM	hrs	°C
Fortimo LED Strip 1150mm 4400lm 830 HV5F	929002829906	4180	173	>80	3	>60,000	70
Fortimo LED Strip 1150mm 4400lm 840 HV5F	929002830006	4400	183	>80	3	>60,000	70
Fortimo LED Strip 1450mm 5500lm 830 HV5F	929002830606	5225	173	>80	3	>60,000	70
Fortimo LED Strip 1450mm 5500lm 840 HV5F	929002830706	5500	183	>80	3	>60,000	70
Fortimo LED Strip 1450mm 5500lm 840 HV5B	929002830806	5500	183	>80	3	>60,000	70

CRI 90 high efficiency+

Commercial name	Product code	Light output	Module efficacy	Color rendering	Color consistency	Lifetime	Case temp. lifetime
	12NC	lm	lm/W @ Tc Nom	CRI	SDCM	hrs	°C
Fortimo LED strip 0.5ft 550lm 930 HV4 +	929002110406	518	168	>90	3	>50,000	70
Fortimo LED strip 0.5ft 550lm 940 HV4 +	929002110506	551	178	>90	3	>50,000	70
Fortimo LED strip 1ft 1100lm 927 HV4 +	929002110806	1005	163	>90	3	>50,000	70
Fortimo LED strip 1ft 1100lm 930 HV4 +	929002111006	1036	168	>90	3	>50,000	70
Fortimo LED strip 1ft 1100lm 940 HV4 +	929002111106	1102	178	>90	3	>50,000	70
Fortimo LED strip 1ft 1100lm 965 HV4 +	929002110906	1102	178	>90	3	>50,000	70
Fortimo LED strip 2ft 2200lm 930 HV4 +	929002111406	2073	168	>90	3	>50,000	70
Fortimo LED strip 2ft 2200lm 940 HV4 +	929002111506	2204	178	>90	3	>50,000	70

Premium white

Commercial name	Product code	Light output	Module efficacy	Color rendering	Color consistency	Lifetime	Case temp. lifetime
	12NC	lm	lm/W @ Tc Nom	CRI	SDCM	hrs	°C
Fortimo LED strip 1ft 1100lm 840 PW HV4	929001481006	1100	173	>80	3	>50,000	70
Fortimo LED strip 1ft 1100lm 930 PW HV4	929001481106	1037	141	>90	3	>50,000	70
Fortimo LED strip 1ft 1100lm 935 PW HV4	929001481206	1063	145	>90	3	>50,000	70
Fortimo LED strip 1ft 1100lm 940 PW HV4	929001481306	1100	150	>90	3	>50,000	70
Fortimo LED strip 2ft 2200lm 840 PW HV4	929001481406	2200	173	>80	3	>50,000	70
Fortimo LED strip 2ft 2200lm 930 PW HV4	929001481506	2073	141	>90	3	>50,000	70
Fortimo LED strip 2ft 2200lm 935 PW HV4	929001481606	2125	145	>90	3	>50,000	70
Fortimo LED strip 2ft 2200lm 940 PW HV4	929001481706	2200	150	>90	3	>50,000	70

High efficiency

Commercial name	Product code	Light output	Module efficacy	Color rendering	Color consistency	Lifetime	Case temp. lifetime
	12NC	lm	lm/W @ Tc Nom	CRI	SDCM	hrs	°C
Mid-flux (1100 lm per 1 ft)							
Fortimo LED strip 1ft 1100lm 830 HE HV4	929001657306	1030	184	>80	3	>50,000	70
Fortimo LED strip 1ft 1100lm 840 HE HV4	929001657406	1100	196	>80	3	>50,000	70
Fortimo LED strip 1ft 1100lm 850 HE HV4	929001657506	1100	194	>80	3	>50,000	70
Fortimo LED strip 2ft 2200lm 830 HE HV4	929001657906	2060	184	>80	3	>50,000	70
Fortimo LED strip 2ft 2200lm 840 HE HV4	929001658006	2200	196	>80	3	>50,000	70
High-flux (2000 lm per 1 ft / 280 mm)							
Fortimo LED strip 1ft 2000lm 830 HE HV4	929001657606	1890	180	>80	3	>50,000	70
Fortimo LED strip 1ft 2000lm 840 HE HV4	929001657706	2000	192	>80	3	>50,000	70
Fortimo LED strip 1ft 2000lm 850 HE HV4	929001657806	2000	190	>80	3	>50,000	70
Fortimo LED strip 2ft 4000lm 830 HE HV4	929001658106	3780	180	>80	3	>50,000	70
Fortimo LED strip 2ft 4000lm 840 HE HV4	929001658206	4000	192	>80	3	>50,000	70

Fortimo LED strip Gen5

Product information Gen5 (LV)

Commercial name	Product code	Light output	Module efficacy	Color rendering	Color consistency	Lifetime	Case temp. lifetime
	12NC	lm	lm/W @ Tc Nom	CRI	SDCM	hrs	°C
Low-flux (650 lm per 1 ft / 280 mm)							
Fortimo LED strip 1ft 650lm 830 FC LV5	929002120406	620	173	>80	3	>60,000	70
Fortimo LED strip 1ft 650lm 840 FC LV5	929002120506	650	181	>80	3	>60,000	70
Fortimo LED strip 1ft 650lm 927 FC LV5	929002120606	585	156	>90	3	>60,000	70
Fortimo LED strip 1ft 650lm 930 FC LV5	929002120706	620	165	>90	3	>60,000	70
Fortimo LED strip 1ft 650lm 940 FC LV5	929002120806	650	173	>90	3	>60,000	70
Fortimo LED strip 1ft 650lm 830 BC LV5	929002120906	620	173	>80	3	>60,000	70
Fortimo LED strip 1ft 650lm 840 BC LV5	929002121006	650	181	>80	3	>60,000	70
Fortimo LED strip 2ft 1300lm 830 FC LV5	929002123806	1235	172	>80	3	>60,000	70
Fortimo LED strip 2ft 1300lm 840 FC LV5	929002123906	1300	181	>80	3	>60,000	70
Fortimo LED strip 2ft 1300lm 930 FC LV5	929002124006	1235	163	>90	3	>60,000	70
Fortimo LED strip 2ft 1300lm 940 FC LV5	929002124106	1300	172	>90	3	>60,000	70
Fortimo LED strip 2ft 1300lm 830 BC LV5	929002124206	1235	172	>80	3	>60,000	70
Fortimo LED strip 2ft 1300lm 840 BC LV5	929002124306	1300	181	>80	3	>60,000	70
Fortimo LED strip 1150mm 4400lm 830 LV4F	929001548406	4177	169	>80	3	>50,000	70
Fortimo LED strip 1150mm 4400lm 840 LV4F	929001548506	4400	178	>80	3	>50,000	70
Fortimo LED strip 1150mm 4400lm 840 LV4B	929001550906	4400	178	>80	3	>50,000	70
Fortimo LED strip 1400mm 5500lm 840 LV4F	929001656506	5500	178	>80	3	>50,000	70
Fortimo LED strip 1400mm 5500lm 840 LV4B	929001656606	5500	178	>80	3	>50,000	70
Mid-flux (1100 lm per 1 ft 280 mm)							
Fortimo LED strip 1ft 1100lm 830 FC LV5	929002122106	1045	173	>80	3	>60,000	70
Fortimo LED strip 1ft 1100lm 840 FC LV5	929002122206	1100	182	>80	3	>60,000	70
Fortimo LED strip 1ft 1100lm 850 FC LV5	929002122306	1100	182	>80	3	>60,000	70
Fortimo LED strip 1ft 1100lm 865 FC LV5	929002122406	1100	182	>80	3	>60,000	70
Fortimo LED strip 1ft 1100lm 927 FC LV5	929002122506	990	156	>90	3	>60,000	70
Fortimo LED strip 1ft 1100lm 930 FC LV5	929002122606	1045	165	>90	3	>60,000	70
Fortimo LED strip 1ft 1100lm 940 FC LV5	929002122706	1100	174	>90	3	>60,000	70
Fortimo LED strip 1ft 1100lm 965 FC LV5	929002122806	1100	174	>90	3	>60,000	70
Fortimo LED strip 1ft 1100lm 830 BC LV5	929002122906	1045	173	>80	3	>60,000	70
Fortimo LED strip 1ft 1100lm 840 BC LV5	929002123006	1100	182	>80	3	>60,000	70
Fortimo LED strip 2ft 2200lm 830 FC LV5	929002125206	2090	173	>80	3	>60,000	70
Fortimo LED strip 2ft 2200lm 840 FC LV5	929002125306	2200	182	>80	3	>60,000	70
Fortimo LED strip 2ft 2200lm 850 FC LV5	929002125406	2200	182	>80	3	>60,000	70
Fortimo LED strip 2ft 2200lm 865 FC LV5	929002125506	2200	182	>80	3	>60,000	70
Fortimo LED strip 2ft 2200lm 930 FC LV5	929002125606	2090	165	>90	3	>60,000	70
Fortimo LED strip 2ft 2200lm 940 FC LV5	929002125706	2200	174	>90	3	>60,000	70
Fortimo LED strip 2ft 2200lm 830 BC LV5	929002125806	2090	173	>80	3	>60,000	70
Fortimo LED strip 2ft 2200lm 840 BC LV5	929002125906	2200	182	>80	3	>60,000	70
Fortimo LED Strip 1150mm 4400lm 830 LV5F	929002829506	4180	173	>80	3	>60,000	70
Fortimo LED Strip 1150mm 4400lm 840 LV5F	929002829606	4400	182	>80	3	>60,000	70
Fortimo LED Strip 1150mm 4400lm 850 LV5F	929002829706	4400	182	>80	3	>60,000	70
Fortimo LED Strip 1150mm 4400lm 865 LV5F	929002829806	4400	182	>80	3	>60,000	70
Fortimo LED strip 1120mm 4400lm 830 LV5F	929002174806	4180	173	>80	3	>60,000	70
Fortimo LED strip 1120mm 4400lm 840 LV5F	929002174906	4400	182	>80	3	>60,000	70
Fortimo LED strip 1120mm 4400lm 850 LV5F	929002175006	4400	182	>80	3	>60,000	70
Fortimo LED strip 1120mm 4400lm 865 LV5F	929002175106	4400	182	>80	3	>60,000	70
Fortimo LED strip 1120mm 4400lm 930 LV5F	929002175206	4180	160	>90	3	>60,000	70
Fortimo LED strip 1120mm 4400lm 940 LV5F	929002175306	4400	168	>90	3	>60,000	70
Fortimo LED strip 1120mm 4400lm 830 LV5B	929002175406	4180	173	>80	3	>60,000	70
Fortimo LED strip 1120mm 4400lm 840 LV5B	929002175506	4400	182	>80	3	>60,000	70
Fortimo LED strip 1400mm 5500lm 830 LV5F	929002177506	5225	173	>80	3	>60,000	70
Fortimo LED strip 1400mm 5500lm 840 LV5F	929002177606	5500	182	>80	3	>60,000	70
Fortimo LED strip 1400mm 5500lm 865 LV5F	929002177706	5500	182	>80	3	>60,000	70
Fortimo LED strip 1400mm 5500lm 930 LV5F	929002177806	5225	160	>90	3	>60,000	70
Fortimo LED strip 1400mm 5500lm 940 LV5F	929002177906	5500	168	>90	3	>60,000	70
Fortimo LED strip 1400mm 5500lm 830 LV5B	929002178006	5225	173	>80	3	>60,000	70
Fortimo LED strip 1400mm 5500lm 840 LV5B	929002178106	5500	182	>80	3	>60,000	70
Fortimo LED Strip 1450mm 5500lm 830 LV5F	929002830106	5225	173	>80	3	>60,000	70
Fortimo LED Strip 1450mm 5500lm 840 LV5F	929002830206	5500	182	>80	3	>60,000	70
Fortimo LED Strip 1450mm 5500lm 850 LV5F	929002830306	5500	182	>80	3	>60,000	70
Fortimo LED Strip 1450mm 5500lm 865 LV5F	929002830406	5500	182	>80	3	>60,000	70
Fortimo LED Strip 1450mm 5500lm 840 LV5B	929002830506	5500	182	>80	3	>60,000	70

Fortimo LED strip Gen5

Module driver compatibility

The Fortimo LED linear portfolio is compatible with multiple Xitanium LED drivers. Xitanium window drivers offer the freedom to adjust current settings and to differentiate in terms of lumen output, efficacy and lifetime. The corresponding linear Xitanium driver portfolio includes isolated and non-isolated drivers, in fixed light output, 1-10V and DALI versions. For a detailed overview of all linear Xitanium LED drivers see pages 97-104.

Complementary partners

Jordan	Ledil	BJB
R	L	L

L = lenses
R = reflectors

See pages 187-188 for more information.

Fortimo LED strip OC Gen5

A new addition to our portfolio is the Fortimo LED strip OC. In many cases, to create a perfect lighting system optics are required. The Fortimo LED strip OC (optic compliant) is designed together with a brand new set of optics. Due to this, the LED module and the optics have a perfect interaction and provide a beautiful lighting solution. As you'd expect of the Fortimo LED strip family, there is a wide range of lengths, types, CCTs and connector options available, making the portfolio extremely suitable for office and retail applications.

Product information (HV)

Commercial name	Product code	Light output	Module efficacy	Color rendering	Color consistency	Lifetime	Case temp. lifetime
	12NC	lm	lm/W @ Tc Nom	CRI	SDCM	hrs	°C
Fortimo LED strip OC 0.5ft 550lm 830 BC HV5	929002191706	522	175	>80	3	>60,000	70
Fortimo LED strip OC 0.5ft 550lm 840 BC HV5	929002191806	550	184	>80	3	>60,000	70
Fortimo LED strip OC 0.5ft 550lm 830 FC HV5	929002191906	522	175	>80	3	>60,000	70
Fortimo LED strip OC 0.5ft 550lm 840 FC HV5	929002192006	550	184	>80	3	>60,000	70
Fortimo LED strip OC 1ft 1100lm 830 BC HV5	929002192106	1045	175	>80	3	>60,000	70
Fortimo LED strip OC 1ft 1100lm 840 BC HV5	929002192206	1100	184	>80	3	>60,000	70
Fortimo LED strip OC 1ft 1100lm 865 BC HV5	929002192306	1100	184	>80	3	>60,000	70
Fortimo LED strip OC 1ft 1100lm 830 FC HV5	929002192406	1045	175	>80	3	>60,000	70
Fortimo LED strip OC 1ft 1100lm 840 FC HV5	929002192506	1100	184	>80	3	>60,000	70
Fortimo LED strip OC 1ft 1100lm 865 FC HV5	929002192606	1100	184	>80	3	>60,000	70
Fortimo LED strip OC 2ft 2200lm 830 BC HV5	929002193306	2090	175	>80	3	>60,000	70
Fortimo LED strip OC 2ft 2200lm 840 BC HV5	929002193406	2200	184	>80	3	>60,000	70
Fortimo LED strip OC 2ft 2200lm 865 BC HV5	929002193506	2200	184	>80	3	>60,000	70
Fortimo LED strip OC 2ft 2200lm 830 FC HV5	929002193606	2090	175	>80	3	>60,000	70
Fortimo LED strip OC 2ft 2200lm 840 FC HV5	929002193706	2200	184	>80	3	>60,000	70
Fortimo LED strip OC 2ft 2200lm 865 FC HV5	929002193806	2200	184	>80	3	>60,000	70

Product information (LV)

Commercial name	Product code	Light output	Module efficacy	Color rendering	Color consistency	Lifetime	Case temp. lifetime
	12NC	lm	lm/W @ Tc Nom	CRI	SDCM	hrs	°C
Fortimo LED strip OC 0.5ft 550lm 830 BC LV5	929002191306	522	175	>80	3	>60,000	70
Fortimo LED strip OC 0.5ft 550lm 840 BC LV5	929002191406	550	184	>80	3	>60,000	70
Fortimo LED strip OC 0.5ft 550lm 830 FC LV5	929002191506	522	175	>80	3	>60,000	70
Fortimo LED strip OC 0.5ft 550lm 840 FC LV5	929002191606	550	184	>80	3	>60,000	70
Fortimo LED strip OC 1ft 1100lm 830 BC LV5	929002192706	1045	175	>80	3	>60,000	70
Fortimo LED strip OC 1ft 1100lm 840 BC LV5	929002192806	1100	184	>80	3	>60,000	70
Fortimo LED strip OC 1ft 1100lm 865 BC LV5	929002192906	1100	184	>80	3	>60,000	70
Fortimo LED strip OC 1ft 1100lm 830 FC LV5	929002193006	1045	175	>80	3	>60,000	70
Fortimo LED strip OC 1ft 1100lm 840 FC LV5	929002193106	1100	184	>80	3	>60,000	70
Fortimo LED strip OC 1ft 1100lm 865 FC LV5	929002193206	1100	184	>80	3	>60,000	70
Fortimo LED strip OC 2ft 2200lm 830 BC LV5	929002193906	2090	175	>80	3	>60,000	70
Fortimo LED strip OC 2ft 2200lm 840 BC LV5	929002194006	2200	184	>80	3	>60,000	70
Fortimo LED strip OC 2ft 2200lm 865 BC LV5	929002194106	2200	184	>80	3	>60,000	70
Fortimo LED strip OC 2ft 2200lm 830 FC LV5	929002194206	2090	175	>80	3	>60,000	70
Fortimo LED strip OC 2ft 2200lm 840 FC LV5	929002194306	2200	184	>80	3	>60,000	70
Fortimo LED strip OC 2ft 2200lm 865 FC LV5	929002194406	2200	184	>80	3	>60,000	70

Product information Optics

Commercial name	Beam angle	Length	12NC
1R Optic 30D 1ft FLS OC HV/LV5	30°	1ft	929002818406
1R Optic 60D 1ft FLS OC HV/LV5	60°	1ft	929002818506
1R Optic 90D 1ft FLS OC HV/LV5	90°	1ft	929002818606
1R Optic DA 1ft FLS OC HV/LV5	Single-Asymmetric	1ft	929002818706
1R Optic SA 1ft FLS OC HV/LV5	Double-Asymmetric	1ft	929002818806
1R Optic FLS OC HV/LV5 END-CAP	n/a	n/a	929002818906

Complementary partners

BJB
L

L = lenses
R = reflectors

See pages 187-188 for more information.

Fortimo LED strip high flux Gen6

Industrial applications are typically the most difficult for LED technology to fullfil. The Fortimo LED strip high flux is the key product in the industry for these kind of applications as it's specifically designed to be used in high temperature environments that require a high light output. The updated generation 6 (HV6) increases the efficiency of the LED boards and also adds an even higher flux board to the possibilities (now also in 3000 lm per ft).



Product information (HV)

Commercial name	Product code	Light output	Module efficacy	Color rendering	Color consistency	Lifetime	Case temp. lifetime
	12NC	lm	lm/W @ Tc Nom	CRI	SDCM	hrs	°C
2000 lm per ft							
Fortimo LED strip 1ft 2000lm FC 830 HV6	**929002801306**	**1880**	**167**	**>80**	**3**	**>100,000**	**90**
Fortimo LED strip 1ft 2000lm FC 840 HV6	**929002801406**	**2000**	**178**	**>80**	**3**	**>100,000**	**90**
Fortimo LED strip 1ft 2000lm FC 850 HV6	**929002801506**	**2000**	**178**	**>80**	**3**	**>100,000**	**90**
Fortimo LED strip 1ft 2000lm FC 865 HV6	**929002801606**	**1980**	**176**	**>80**	**3**	**>100,000**	**90**
Fortimo LED strip 2ft 4000lm FC 830 HV6	**929002801706**	**3760**	**167**	**>80**	**3**	**>100,000**	**90**
Fortimo LED strip 2ft 4000lm FC 840 HV6	**929002801806**	**4000**	**178**	**>80**	**3**	**>100,000**	**90**
Fortimo LED strip 2ft 4000lm FC 850 HV6	**929002801906**	**4000**	**178**	**>80**	**3**	**>100,000**	**90**
Fortimo LED strip 2ft 4000lm FC 865 HV6	**929002802006**	**3960**	**176**	**>80**	**3**	**>100,000**	**90**
3000 lm per ft							
Fortimo LED strip 1ft 3000lm FC 830 HV6	**929002802106**	**2820**	**167**	**>80**	**3**	**>100,000**	**90**
Fortimo LED strip 1ft 3000lm FC 840 HV6	**929002802206**	**3000**	**178**	**>80**	**3**	**>100,000**	**90**
Fortimo LED strip 1ft 3000lm FC 850 HV6	**929002802306**	**3000**	**178**	**>80**	**3**	**>100,000**	**90**
Fortimo LED strip 1ft 3000lm FC 865 HV6	**929002802406**	**2970**	**176**	**>80**	**3**	**>100,000**	**90**
Fortimo LED strip 2ft 6000lm FC 830 HV6	**929002802506**	**5640**	**167**	**>80**	**3**	**>100,000**	**90**
Fortimo LED strip 2ft 6000lm FC 840 HV6	**929002802606**	**6000**	**178**	**>80**	**3**	**>100,000**	**90**
Fortimo LED strip 2ft 6000lm FC 850 HV6	**929002802706**	**6000**	**178**	**>80**	**3**	**>100,000**	**90**
Fortimo LED strip 2ft 6000lm FC 865 HV6	**929002802806**	**5940**	**176**	**>80**	**3**	**>100,000**	**90**

Fortimo LED strip CES

More applications require the use of HCL elements. One of those elements is lighting solutions to improve people's circadian rhythm by using a different spectrum of light. With the Fortimo LED strip CES (cyan enhanced static) we have created a specific spectrum to achieve the highest MDER at a regular light level of 500 lux. This is done in a static 4000 K solution with CRI 80. The product is based on the Fortimo LED strip platform, which makes luminaires designed with the standard Fortimo LED strip Gen5 easily upgradable to a HCL solution. The Fortimo LED strip CES is perfectly suitable when conditions ask for high MDER solutions (e.g. WELL Building certification).



Product information (HV)

	Commercial name	Product code	Light output	Module efficacy	Color rendering	Color consistency	Lifetime	Case temp. lifetime
		12NC	lm	lm/W @ Tc Nom	CRI	SDCM	hrs	°C
NEW	**Fortimo LED strip CES 1ft 1100lm HV5 F**	**929002198806**	**1100**	**162**	**>80, >50**	**3**	**>50,000**	**70**
	Fortimo LED strip CES 2ft 2200lm HV5 F	**929002198906**	**2200**	**162**	**>80, >50**	**3**	**>50,000**	**70**

Product information (HV)

	Commercial name	Product code	Light output	Module efficacy	Color rendering	Color consistency	Lifetime	Case temp. lifetime
		12NC	lm	lm/W @ Tc Nom	CRI	SDCM	hrs	°C
NEW	**Fortimo LED strip CES 1ft 1100lm LV5 F**	**929002199006**	**1100**	**162**	**>80, >50**	**3**	**>50,000**	**70**
	Fortimo LED strip CES 2ft 2200lm LV5 F	**929002199106**	**2200**	**162**	**>80, >50**	**3**	**>50,000**	**70**

Note: CES products are always in CCT 4000 K with CRI >80 (840)

Complementary partners

Jordan	Ledil	BJB
R	L	L

L = lenses
R = reflectors

See pages 187-188 for more information.

Fortimo LED strip FlexTune

With a system combination of the Xitanium FlexTune driver and the Fortimo LED strip FlexTune modules you can build a high performing and unique tunable white system. The drivers and modules are designed to be a perfect match and together provide great specifications and ease of use. The Fortimo LED strip FlexTune modules are available in two versions: the ST version has a unique 2-in-1 LED that does the CCT mixing inside the LED so all LEDs on the module always have the same CCT;
the PR version is based on the traditional tunable white concept of two individual LEDs (2700 K and 6500 K) and combined they tune the module's CCT. This version is equipped with our high efficiency CRI 90 technology.



Product information (HV)

	Commercial name	Product code	Light output	Module efficacy	Color rendering	Color consistency	Lifetime	Case temp. lifetime
		12NC	lm	lm/W @ Tc Nom	CRI	SDCM	hrs	°C
NEW	Fortimo strip ST FT 1ft 1100lm 827-865 FC HV5*	929002800606	1100	159/171	>80	3	>50,000	70
	Fortimo strip ST FT 2ft 2200lm 827-865 FC HV5*	929002800706	2200	159/171	>80	3	>50,000	70

*ST: two-in-one LED CCT tuning

Product information (HV)

	Commercial name	Product code	Light output	Module efficacy	Color rendering	Color consistency	Lifetime	Case temp. lifetime
		12NC	lm	lm/W @ Tc Nom	CRI	SDCM	hrs	°C
NEW	Fortimo strip PR FT 1ft 1100lm 927-965 FC HV5*	929002800806	1100	145/157	>90	3	>50,000	70
	Fortimo strip PR FT 2ft 2200lm 927-965 FC HV5*	929002800906	2200	145/157	>90	3	>50,000	70

*PR: two individual CCT LEDs in CRI 90 high efficiency

Complementary partners

Jordan	Ledil	BJB
R	L	L

L = lenses
R = reflectors

See pages 187-188 for more information.

Fortimo LED line

Fortimo LED line systems are designed to provide pure white light for general lighting applications with high efficiency levels. The Fortimo LED line portfolio consists of two main product ranges. The Fortimo LED line 1R system, with one row of LEDs on the module, is ideal for applications requiring beam shaping and where light is intended to fall on a vertical surface, such as racking or shelves. The Fortimo LED line 3R system, with three rows of LEDs, has been designed to produce high-efficiency white light for general lighting applications where diffuse lighting on the horizontal plane is key.



Product information (HV)

Type	Commercial name	Light output	Module efficacy	Color rendering	Color consistency	Lifetime	Case temp. lifetime	Product code
		lm	lm/W @ Tc Nom	CRI	SDCM	hrs	°C	12NC
Low-flux (650 lm per 1 ft/280 mm)								
3R	Fortimo LED line 1ft 650lm 830 3R HV4	604	164	>80	3	>50,000	75	929001543706
	Fortimo LED line 1ft 650lm 840 3R HV4	650	177	>80	3	>50,000	75	929001543806
	Fortimo LED line 1ft 650lm 850 3R HV4	650	177	>80	3	>50,000	75	929001543906
Mid-flux (1100 lm per 1 ft/280 mm)								
1R	Fortimo LED line 1ft 1100lm 830 1R HV4	1045	164	>80	3	>50,000	80	929001542306
	Fortimo LED line 1ft 1100lm 840 1R HV4	1100	173	>80	3	>50,000	80	929001542406
	Fortimo LED line 1ft 1100lm 850 1R HV4	1111	174	>80	3	>50,000	80	929001542506
	Fortimo LED line 2ft 2200lm 830 1R HV4	2090	164	>80	3	>50,000	80	929001542606
	Fortimo LED line 2ft 2200lm 840 1R HV4	2200	173	>80	3	>50,000	80	929001542706
	Fortimo LED line 2ft 2200lm 850 1R HV4	2222	174	>80	3	>50,000	80	929001542806
3R	Fortimo LED line 1ft 1100lm 830 3R HV4F	1045	174	>80	3	>50,000	80	929001544306
	Fortimo LED line 1ft 1100lm 840 3R HV4F	1100	183	>80	3	>50,000	80	929001544406
	Fortimo LED line 1ft 1100lm 850 3R HV4F	1111	185	>80	3	>50,000	80	929001544506
	Fortimo LED line 1ft 1100lm 830 3R HV4B	1045	174	>80	3	>50,000	80	929001545506
	Fortimo LED line 1ft 1100lm 840 3R HV4B	1100	183	>80	3	>50,000	80	929001545606
	Fortimo LED line 1ft 1100lm 850 3R HV4B	1111	185	>80	3	>50,000	80	929001545706
	Fortimo LED line 2ft 2200lm 830 3R HV4	2090	174	>80	3	>50,000	80	929001544806
	Fortimo LED line 2ft 2200lm 840 3R HV4	2200	183	>80	3	>50,000	80	929001544906
	Fortimo LED line 2ft 2200lm 850 3R HV4	2222	185	>80	3	>50,000	80	929001545006
3R VO	Fortimo LED line VO 1ft 1100lm 830 3R HV4	1025	159	>80	3	>50,000	80	929002112506
	Fortimo LED line VO 1ft 1100lm 840 3R HV4	1098	171	>80	3	>50,000	80	929002112606
	Fortimo LED line VO 2ft 2200lm 830 3R HV4	2050	159	>80	3	>50,000	80	929002112706
	Fortimo LED line VO 2ft 2200lm 840 3R HV4	2196	171	>80	3	>50,000	80	929002112806
High-flux (2000 lm per 1 ft/280 mm)								
1R	Fortimo LED line 1ft 2000lm 830 1R HV4	1902	163	>80	3	>50,000	90	929001645206
	Fortimo LED line 1ft 2000lm 840 1R HV4	2000	172	>80	3	>50,000	90	929001645306
	Fortimo LED line 1ft 2000lm 850 1R HV4	2020	172	>80	3	>50,000	90	929001645406
	Fortimo LED line 2ft 4000lm 830 1R HV4	3804	163	>80	3	>50,000	90	929001645606
	Fortimo LED line 2ft 4000lm 840 1R HV4	4000	172	>80	3	>50,000	90	929001645806
	Fortimo LED line 2ft 4000lm 850 1R HV4	4040	172	>80	3	>50,000	90	929001645906
3R	Fortimo LED line 1ft 2000lm 830 3R HV4	1901	172	>80	3	>50,000	90	929001646106
	Fortimo LED line 1ft 2000lm 840 3R HV4	2000	180	>80	3	>50,000	90	929001646206
	Fortimo LED line 1ft 2000lm 850 3R HV4	2019	180	>80	3	>50,000	90	929001646306

Product information (LV)

Type	Commercial name	Light output	Module efficacy	Color rendering	Color consistency	Lifetime	Case temp. lifetime	Product code
		lm	lm/W @ Tc Nom	CRI	SDCM	hrs	°C	12NC
Low-flux (650 lm per 1 ft/280 mm)								
3R	Fortimo LED line 1ft 650lm 830 3R LV4	604	164	>80	3	>50,000	75	929001544006
	Fortimo LED line 1ft 650lm 840 3R LV4	650	177	>80	3	>50,000	75	929001544106
Mid-flux (1100 lm per 1 ft/280 mm)								
1R	Fortimo LED line 1ft 1100lm 830 1R LV4	1045	164	>80	3	>50,000	80	929001542906
	Fortimo LED line 1ft 1100lm 840 1R LV4	1100	173	>80	3	>50,000	80	929001543106
	Fortimo LED line 1ft 1100lm 850 1R LV4	1111	174	>80	3	>50,000	80	929001543206
	Fortimo LED line 2ft 2200lm 830 1R LV4	2090	164	>80	3	>50,000	80	929001543306
	Fortimo LED line 2ft 2200lm 840 1R LV4	2200	173	>80	3	>50,000	80	929001543506
	Fortimo LED line 2ft 2200lm 850 1R LV4	2222	174	>80	3	>50,000	80	929001543606

Module driver compatibility

The Fortimo LED linear portfolio is compatible with multiple Xitanium LED drivers. Xitanium window drivers offer the freedom to adjust current settings and to differentiate in terms of lumen output, efficacy and lifetime. The corresponding linear Xitanium driver portfolio includes isolated and non-isolated drivers, in fixed light output, 1-10V and DALI versions. For a detailed overview of all linear Xitanium LED drivers see pages 97-104.

Complementary partners

Jordan	Ledil	BJB	Carclo	CKO	Darkoo
R	L	L	L	L	L

L = lenses
R = reflectors

See pages 187-188 for more information.

Fortimo LED square

The Fortimo LED square HV/LV3 systems deliver high-quality homogeneous light at high efficiencies. Fortimo LED square systems are ideal for office applications where the luminaires require a very homogeneous exit surface window. Typical applications are recessed, surface mounted and suspended office luminaires. In generation 3 we've now included the features of our CRI 90 high efficiency technology and FlexTune.



Product information

Commercial name	Light output	Module efficacy	Color rendering	Color consistency	Lifetime	Case temp. lifetime	Product code
	lm	lm/W @ Tc Nom	CRI	SDCM	hrs	°C	12NC
1250 lumen - static white							
Fortimo LED square 1250lm 830 HV/LV3	1200	184	>80	3	>50,000	65	929002819906
Fortimo LED square 1250lm 840 HV/LV3	1250	191	>80	3	>50,000	65	929002820006
Fortimo LED square 1250lm 865 HV/LV3	1250	191	>80	3	>50,000	65	929002820106
Fortimo LED square 1250lm 930 HV/LV3	1180	170	>90	3	>50,000	65	929002820206
Fortimo LED square 1250lm 940 HV/LV3	1250	180	>90	3	>50,000	65	929002820306
Fortimo LED square 1250lm 965 HV/LV3	1250	180	>90	3	>50,000	65	929002820406
2500 lumen - static white							
Fortimo LED square 2500lm 830 HV/LV3	2400	184	>80	3	>50,000	65	929002820506
Fortimo LED square 2500lm 840 HV/LV3	2500	191	>80	3	>50,000	65	929002820606
Fortimo LED square 2500lm 865 HV/LV3	2500	191	>80	3	>50,000	65	929002820706
Fortimo LED square 2500lm 930 HV/LV3	2360	170	>90	3	>50,000	65	929002820806
Fortimo LED square 2500lm 940 HV/LV3	2500	180	>90	3	>50,000	65	929002820906
Fortimo LED square 2500lm 965 HV/LV3	2500	180	>90	3	>50,000	65	929002821006
FlexTune*							
Fortimo LED square 1250lm 927-965 HV/LV3**	1203	173	>90	3	>50,000	65	929002821106
Fortimo LED square 2500lm 927-965 HV/LV3**	2406	173	>90	3	>50,000	65	929002821206

* Compatible with Xitanium FlexTune drivers.
** Performance at 4000 K CRI 90.

Module driver compatibility

The Fortimo LED linear portfolio is compatible with multiple Xitanium LED drivers. Xitanium window drivers offer the freedom to adjust current settings and to differentiate in terms of lumen output, efficacy and lifetime. The corresponding linear Xitanium driver portfolio includes isolated and non-isolated drivers, in fixed light output, 1-10V and DALI versions. For a detailed overview of all linear Xitanium LED drivers see pages 97-104.

Fortimo LED panel

Fortimo LED panels are designed for office applications and the range consists of different dimensions for different ceiling sizes. The panels are office compliant and have a long lifetime. Use these panels in combination with Xitanium drivers for the best performance.

Product information

Commercial name	Light output	Panel efficacy	Color rendering	Office compliant	Lifetime	Product code
	lm	lm/W @ Tc Nom	CRI	UGR	hrs @ Ta 25°C	12NC
Fortimo LED panel 6060 830 MD2	3220	115	>80	<19	>50,000	929001687706
Fortimo LED panel 6060 835 MD2	3220	115	>80	<19	>50,000	929002828006
Fortimo LED panel 6060 840 MD2	3500	121	>80	<19	>50,000	929001687806
Fortimo LED panel 6060 865 MD2	3500	121	>80	<19	>50,000	929001687906
Fortimo LED panel 6060 830 TPA MD2	3220	115	>80	<19	>50,000	929002168806
Fortimo LED panel 6060 835 TPA MD2	3220	115	>80	<19	>50,000	929002828406
Fortimo LED panel 6060 840 TPA MD2	3400	121	>80	<19	>50,000	929002168906
Fortimo LED panel 6262 830 MD2	3220	115	>80	<19	>50,000	929002167906
Fortimo LED panel 6262 835 MD2	3320	115	>80	<19	>50,000	929002828106
Fortimo LED panel 6262 840 MD2	3400	121	>80	<19	>50,000	929002168006
Fortimo LED panel 6262 865 MD2	3400	121	>80	<19	>50,000	929002168106
Fortimo LED panel 30120 830 MD2	3220	115	>80	<19	>50,000	929002168206
Fortimo LED panel 30120 835 MD2	3220	115	>80	<19	>50,000	929002828206
Fortimo LED panel 30120 840 MD2	3400	121	>80	<19	>50,000	929002168306
Fortimo LED panel 30120 865 MD2	3400	121	>80	<19	>50,000	929002168406
Fortimo LED panel 30120 830 TPA MD2	3220	115	>80	<19	>50,000	929002169006
Fortimo LED panel 30120 835 TPA MD2	3220	115	>80	<19	>50,000	929002828506
Fortimo LED panel 30120 840 TPA MD2	3400	121	>80	<19	>50,000	929002169106
Fortimo LED panel 60120 830 MD2	5000	122	>80	<19	>50,000	929002168506
Fortimo LED panel 60120 835 MD2	5000	122	>80	<19	>50,000	929002828306
Fortimo LED panel 60120 840 MD2	5350	131	>80	<19	>50,000	929002168606
Fortimo LED panel 60120 865 MD2	5350	131	>80	<19	>50,000	929002168706

Drivers recommendation

Commercial name	Product code
	12NC
Xitanium 36W WH 0.3-1A 54V TD/Is 230V	929000969906
Xitanium 50W WH 0.7-1.5A 54V TD/Is 230V	929000991806
Xitanium 28W/m 0.6A 46V SC 230V	929001418706
Xitanium 30W/m 0.65A 46V SC 230V	929001470806
Xitanium 32W/m 0.7A 46V SC 230V	929001412680
Xitanium 34W/m 0.8A 42V SC 230V	929001418806
Xitanium 38W/m 0.9A 42V SC 230V	929001418906
Xitanium 48W/m 1.05A 46V SC 230V	929001572806

Accessories

Commercial name	Product code
	12NC
LED panel safety cable	929001688006

CertaFlux LED strip HV4

CertaFlux LED strip is upgraded with a higher lm/W performance, now reaching up to 165 lm/W. The CertaFlux LED strips offer a good product performance and functionality meeting the market needs for basic lighting. The system is cost effective when combined with CertaDrive linear LED drivers.



Product information

Commercial name	Light output	Module efficacy	Color rendering	Color consistency	Lifetime	Case temp. lifetime	Product code
	lm	lm/W @ Tc Nom	CRI	SDCM	hrs @ Tc Nom	°C	12NC
CertaFlux LED strip 1ft 775lm 830 HV4	725	157	>80	3	>50,000	85	929001684606
CertaFlux LED strip 1ft 775lm 840 HV4	774	168	>80	3	>50,000	85	929001684706
CertaFlux LED strip 1ft 1100lm 830 HV4	1029	155	>80	3	>50,000	85	929001684806
CertaFlux LED strip 1ft 1100lm 840 HV4	1098	166	>80	3	>50,000	85	929001684906
CertaFlux LED strip 1ft 1100lm 865 HV4	1080	163	>80	3	>50,000	85	929002109206
CertaFlux LED strip 2ft 1550lm 830 HV4	1451	158	>80	3	>50,000	85	929001685006
CertaFlux LED strip 2ft 1550lm 840 HV4	1548	168	>80	3	>50,000	85	929001685106
CertaFlux LED strip 2ft 1550lm 865 HV4	1522	166	>80	3	>50,000	85	929001685206
CertaFlux LED strip 2ft 2200lm 830 HV4	2059	156	>80	3	>50,000	85	929001685306
CertaFlux LED strip 2ft 2200lm 840 HV4	2197	166	>80	3	>50,000	85	929001685406
CertaFlux LED strip 2ft 2200lm 865 HV4	2160	163	>80	3	>50,000	85	929001685506

Module driver compatibility

CertaDrive LED drivers are designed to fulfill the market need for essential lighting. The CertaDrive LED drivers offer basic specifications such as specific current and voltage settings, optimized for operating CertaFlux LED modules. For a detailed overview of all CertaDrive LED linear drivers see page 97-104.

Complementary partners

Jordan	Ledil	BJB
R	L	L

L = lenses
R = reflectors

See pages 187-188 for more information.

CertaFlux LED strip 12

CertaFlux LED strip 12 is a small linear LED strip with a width of 12 mm, and available in 1 ft, 2 ft, 4 ft and 5 ft lengths. Without compromising lifetime, the CertaFlux LED strip 12 has a good lm/W performance and is very accessible. Perfect for combining with CertaDrive or Xitanium single current drivers and fit for waterproof or batten applications.

Product information

Commercial name	Product code	Light output	Module efficacy	Color rendering	Color consistency	Lifetime	Case temp. lifetime
	12NC	lm	lm/W @ Tc Nom	CRI	SDCM	hrs @ Tc Nom	°C
CertaFlux LED strip 12 1ft 1100lm 830 HV4	929002137406	1027	149	>80	4	>50,000	65
CertaFlux LED strip 12 1ft 1100lm 840 HV4	929002137506	1100	160	>80	4	>50,000	65
CertaFlux LED strip 12 1ft 1100lm 865 HV4	929002137606	1071	156	>80	4	>50,000	65
CertaFlux LED strip 12 2ft 2200lm 830 HV4	929002137706	2053	149	>80	4	>50,000	65
CertaFlux LED strip 12 2ft 2200lm 840 HV4	929002137806	2200	160	>80	4	>50,000	65
CertaFlux LED strip 12 2ft 2200lm 865 HV4	929002137906	2142	156	>80	4	>50,000	65
CertaFlux LED strip 12 4ft 4400lm 830 HV4	929002138006	4107	149	>80	4	>50,000	65
CertaFlux LED strip 12 4ft 4400lm 840 HV4	929002138106	4400	160	>80	4	>50,000	65
CertaFlux LED strip 12 4ft 4400lm 865 HV4	929002138206	4283	156	>80	4	>50,000	65
CertaFlux LED strip 12 5ft 5500lm 830 HV4	929002138306	5133	149	>80	4	>50,000	65
CertaFlux LED strip 12 5ft 5500lm 840 HV4	929002138406	5500	160	>80	4	>50,000	65
CertaFlux LED strip 12 5ft 5500lm 865 HV4	929002138506	5354	156	>80	4	>50,000	65
CertaFlux LED Strip 12mm 5ft 6400lm	929002139606	6455	160	>80	4	>50,000	65

Module driver compatibility

CertaDrive LED drivers are designed to fulfill the market need for essential lighting. The CertaDrive LED drivers offer basic specifications such as specific current and voltage settings, optimized for operating CertaFlux LED modules. For a detailed overview of all CertaDrive LED linear drivers see page 97-104.

CertaFlux LED panel Gen2 (backlit)

The newly introduced CertaFlux LED Panel Gen2(backlit) brings the next level of cost-effectiveness using backlit technology and comes in combination with different panel drivers as system offer.



Product information

Product Description	Product code	Light output	Panel efficacy	Color Temperature	Color Rendering	Color Consistency	B50/L70 at Tc Life
	12NC	lm	lm/W	K	Ra	SDCM	hrs
CertaFlux LED BL Panel 6060 830 MD2	929002847506	3100	104	3000	80	6	30,000
CertaFlux LED BL Panel 6060 840 MD2	929002847606	3350	112	4000	80	6	30000
CertaFlux LED BL Panel 6060 865 MD2	929002847706	3350	112	6500	80	6	30000
CertaFlux LED BL Panel 6060 sCCT MD2	929002847806	"3100@4000K 3300@5000K 3100@6500K"	"114@4000K 126@5000K 114@6500K"	"4000 5000 6500"	80	6	30000
CertaFlux LED BL Panel 6060L 830 MD2	929002847906	3100	104	3000	80	6	30000
CertaFlux LED BL Panel 6060L 830 MD2	929002847906	3100	104	3000	80	6	30000
CertaFlux LED BL Panel 6060L 840 MD2	929002848006	3350	112	4000	80	6	30000
CertaFlux LED BL Panel 6060L 865 MD2	929002848106	3350	112	6500	80	6	30000
CertaFlux LED BL Panel 30120 830 MD2	929002848206	3100	104	3000	80	6	30000
CertaFlux LED BL Panel 30120 840 MD2	929002848306	3350	112	4000	80	6	30000
CertaFlux LED BL Panel 30120 865 MD2	929002848406	3350	112	6500	80	6	30000
CertaFlux LED BL Panel 60120 830 MD2	929002848506	5800	104	3000	80	6	30000
CertaFlux LED BL Panel 60120 840 MD2	929002848606	6200	111	4000	80	6	30000
CertaFlux LED BL Panel 60120 865 MD2	929002848706	6200	111	6500	80	6	30000

Accessories

Product Description	Product code
	12NC
LED BL Panel safety cable accessory set	929002848806

* Module Light output and efficacy is calculated @ typical. Measurement presision for flux +/-5%, Measurement presision for efficacy +/- 6%.For more detailed specifications (including lifetime) please approach local sales team.

Compatible LED Drivers

CertaDrive LED drivers are designed to fulfill the market need for essential lighting. The CertaDrive LED drivers offer basic specifications such as specific current and voltage settings, optimized for operating CertaFlux LED modules. For a detailed overview of all CertaDrive LED linear drivers see page 97-104.

Product Description	12NC	60x60	60x60L	30x120	60x120	60x60 sCCT
CertaDrive 34W 0.7/0.8A 42V 230V I	929002804780	√	√	√		√
CertaDrive 44W 0.9/1.05A 42V 230V I	929002804880	√	√	√		√
Xitanium 34W/m 0.8A 42V SC 230V	929002105206	√	√	√		√
Xitanium 36W/m 0.85A 42V SC 230V	929002139306	√	√	√		√
Xitanium 38W/m 0.9A 42V SC 230V	929002113406	√	√	√		√
Xitanium 34W 0.8A 42V 1-10V 230V I	929001486380	√	√	√		√
Xitanium 38W 0.9A 42V 1-10V 230V I	929001486480	√	√	√		√
Xitanium 44W 1.05A 42V 1-10V 230V I	929001486580	√	√	√		√
Xitanium 64W 1.5A 1.6A 40V I 230V	929001423580				√	
Xitanium 75W 0.7-2A 54V TD 230V	929001503706				√	



LED Transformer

Portfolio

Constant Voltage Driver	Dimming		Features and Performances	
	DALI DIm	1-10V DIm	24V DC Output	Transformer lifetime (hours)
Dimmable	Yes	No	Yes	50,000
Standard	No	Yes	Yes	50,000
Economic/ CertaDrive	No	No	Yes	20,000 or 30,000

LED Transformer Dali

Philips DALI LED Transformers are designed to operate dimmable 24VDC LED solutions used for linear accent controllability, either via the digital DALI protocol or via Touch and Dim mains voltage control and are specifically designed to ensure the highest performance with maximum robustness combined with a long lifetime.

Features

- Dali 2 and Touch&Dim dimmable
- 1% to 100% dimming range
- Independent use for class II application
- 50,000 hours lifetime

Benefits

- Drivers designed based on Philips experience and knowledge in conventional fluorescent and HID technologies
- Energy savings through high efficiency
- Easy to design-in and install



Product specifications

Product type	Nominal voltage	Dimensions HxWxL	Nominal output voltage	Nominal output power	IP rated	Dimming	Lifetime	Order code
	Vac	mm	VDC	W				
LED Transformer 60W 24VDC TD 220-240V	220-240	30x43x225	24	60	20	Dali	50,000	929002200506
LED Transformer 100W 24VDC TD 220-240V	220-240	30x43x300	24	100	20	Dali	50,000	929002200606
LED Transformer 150W 24VDC TD 220-240V	220-240	30x43x325	24	150	20	Dali	50,000	929002200706

Xitanium LED Transformer 1-10V

Philips 1-10V LED Transformers are designed to operate dimmable 24VDC LED solutions used for linear accent controllability, via the 1-10V dimming interface and are specifically designed to ensure the highest performance with maximum robustness combined with a long lifetime.

Features

- 1-10V dimmable with dim to off
- 1% to 100% dimming range
- Super slim design, 16mm to 22mm height
- Independent use for class I/II application
- 50,000 hours lifetime

Benefits

- Drivers designed based on Philips experience and knowledge in conventional fluorescent and HID technologies
- Energy savings through high efficiency
- Easy to design-in and install
- High reliability underpinned by 5 year warranty



Product specifications

Product type	Nominal voltage	Dimensions HxWxL	Nominal output voltage	Nominal output power	IP rated	Dimming	Lifetime	Order code
	Vac	mm	VDC	W				
Xitanium LED Transformer 30W 1-10V 24VDC	220-240	16x30x300	24	30	20	1-10V	50,000	929002825880
Xitanium LED Transformer 60W 1-10V 24VDC	220-240	16x30x300	24	60	20	1-10V	50,000	929002825980
Xitanium LED Transformer 100W 1-10V 24VDC	220-240	18x30x350	24	100	20	1-10V	50,000	929002826080
Xitanium LED Transformer 150W 1-10V 24VDC	220-240	18x30x350	24	150	20	1-10V	50,000	929002826180
Xitanium LED Transformer 250W 1-10V 24VDC	220-240	22x40x400	24	250	20	1-10V	50,000	929002826280

Standard LED Transformer

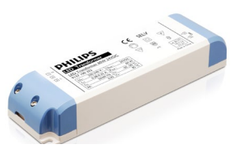
Philips standard LED Transformers are designed to operate non-dimmable 24VDC LED solutions, which are specifically designed to ensure the highest performance with maximum robustness combined with a long lifetime.

Features

- Global approbations and ceritfications
- Independent use for class I/II application
- 50,000 hours lifetime

Benefits

- Drivers designed based on Philips experience and knowledge in conventional fluorescent and HID technologies
- Energy savings through high efficiency
- Easy to design-in and install
- High reliability underpinned by 5 year warranty





Product specifications

Product type	Nominal voltage	Dimensions HxWxL	Nominal output voltage	Nominal output power	IP rated	Dimming	Lifetime	Order code
	Vac	mm	VDC	W				
LED Transformer 20W 24VDC 120-277V	120-277	30x40x150	24	20	20	No	50,000	929002105580
LED Transformer 40W 24VDC 120-277V	120-277	30x40x210	24	40	20	No	50,000	929002105680
LED Transformer 60W 24VDC 120-277V	120-277	30x40x250	24	60	20	No	50,000	929002105780
LED Transformer 60W 24VDC 220-240V	220-240	30x52x170	24	60	20	No	50,000	913710032267
LED Transformer 100W 24VDC 120-277V	120-277	30x40x310	24	100	20	No	50,000	929002105880
LED Transformer 120W 24VDC 220-240V	220-240	30x40x300	24	120	20	No	50,000	913710032567
LED Transformer 150W 24VDC 220-240V	220-240	30x40x300	24	150	20	No	50,000	929002105980

CertaDrive LED Transformer

Philips CertaDrive LED Transformers are designed to operate non-dimmable 24VDC LED solutions, which are specifically designed to ensure the highest performance with maximum robustness combined with 30,000 hours lifetime.

Features

- IEC approbations and certifications
- Independent use for class I/II application
- 30,000 hours lifetime

Benefits

- Drivers designed based on Philips experience and knowledge in conventional fluorescent and HID technologies
- Energy savings through high efficiency
- Easy to design-in and install



Product specifications

Product type	Nominal voltage	Dimensions HxWxL	Nominal output voltage	Nominal output power	IP rated	Dimming	Lifetime	Order code
	Vac	mm	VDC	W				
CertaDrive LED Transformer 30W 24VDC	220-240	40x28x150	24	30	20	No	30,000	929002146280
CertaDrive LED Transformer 60W 24VDC	220-240	40x32x211	24	60	20	No	30,000	929002146380
CertaDrive LED Transformer 120W 24VDC	220-240	40x34x280	24	120	20	No	30,000	929002146480
CertaDrive LED Transformer 180W 24VDC	220-240	50x35x300	24	180	20	No	30,000	929002146580
CertaDrive LED Transformer 250W 24VDC	220-240	22x40x400	24	250	20	No	30,000	929002826380

Economic LED Transformer

Philips Economic LED Transformers are designed to operate non-dimmable 24VDC LED solutions, which are specifically designed to ensure the highest performance with maximum robustness combined with 20,000 hours lifetime.

Features

- IEC approbations and certifications
- Independent use for class I/II application
- 20,000 hours lifetime

Benefits

- Drivers designed based on Philips experience and knowledge in conventional fluorescent and HID technologies
- Energy savings through high efficiency
- Easy to design-in and install



Product specifications

Product type	Nominal voltage	Dimensions HxWxL	Nominal output voltage	Nominal output power	IP rated	Dimming	Lifetime	Order code
	Vac	mm	VDC	W				
Economic LED Transformer 30W 24VDC	220-240	40x28x150	24	30	20	No	20,000	913710033080
Economic LED Transformer 60W 24VDC	220-240	40x32x211	24	60	20	No	20,000	913710033180
Economic LED Transformer 120W 24VDC	220-240	40x34x280	24	120	20	No	20,000	913710033680
Economic LED Transformer 180W 24VDC	220-240	50x35x300	24	180	20	No	20,000	913710033780
Economic LED Transformer 250W 24VDC	220-240	22x40x400	24	250	20	No	20,000	929002859480


PHILIPS
LED Flex

LEDFlex New Products

Just released!

Fortimo LEDFlex Continuous light Gen1
see page 131



Compared to conventional dotted LEDFlex products, the new Fortimo LEDFlex Continuous Light Gen1, delivers a non-dotted light strip that brings light distribution performance from flexible light to a whole new level, by providing a luxurious light feeling

Fortimo LEDFlex Continous

The new Fortimo LEDFlex Continous Gen1 is designed for built-in applications to deliver continous display lighting without any visible dots in shelf lighting, cove lighting and various decorative lighting applications including ceiling integration and accent lighting. With mainstream flux levels (500lm/m- 2000lm/m) as well as various Color temperatures, Tunable White and RGBW, the new CertaFlux LEDFlex family can meet different application requirements and brings maximum design flexibility. Together with Philip-Constant Voltage drivers and easy to use accessories, we offer a reliable system to our OEM customers to unlock the full potential of stylish lighting designs.

Features

- Chip on Board Technology applied
- Flux ranges covers 500lm/m 1000lm/m with 2700K 3000K 3500K 4000K and 6500K with CRI90
- Cuttable length with 4.5cm
- Two connetors - PCB-PCB and PCB-wire connectors
- System approach

Benefits

- Continous light output without dottish
- Extensive portfolio for different application
- Short cuttable length enables easily design
- Easy to use
- Reliable and Robust

Product Desciption	Product code	Power consumption	Lumen	Efficacy	Color Temperature	Color Rendering	Color Consistency	TC Life	B50/L70 at Tc Life
	12NC	W	lm/m	lm/W	K	Ra	SDCM	° C	hrs
Fortimo LEDFlex C 5m 500lm/m 927 C5 G1	929003399480	6.1	500	82	2700	90	5	75	50,000
Fortimo LEDFlex C 5m 500lm/m 930 C5 G1	929003399580	5.8	500	86	3000	90	5	75	50,000
Fortimo LEDFlex C 5m 500lm/m 935 C5 G1	929003399680	5.7	500	88	3500	90	5	75	50,000
Fortimo LEDFlex C 5m 500lm/m 940 C5 G1	929003399780	5.3	500	94	4000	90	5	75	50,000
Fortimo LEDFlex C 5m 500lm/m 965 C5 G1	929003399880	5.2	500	96	6500	90	5	75	50,000
Fortimo LEDFlex C 5m 1000lm/m 927 C5 G1	929003399980	12.4	1000	81	2700	90	5	75	50,000
Fortimo LEDFlex C 5m 1000lm/m 930 C5 G1	929003400080	12	1000	83	3000	90	5	75	50,000
Fortimo LEDFlex C 5m 1000lm/m 930PW C5G1	929003400180	12	1000	83	3000	90	5	75	50,000
Fortimo LEDFlex C 5m 1000lm/m 935 C5 G1	929003400280	11.6	1000	86	3500	90	5	75	50,000
Fortimo LEDFlex C 5m 1000lm/m 940 C5 G1	929003400380	10.8	1000	93	4000	90	5	75	50,000
Fortimo LEDFlex C 5m 1000lm/m 965 C5 G1	929003400480	10.6	1000	94	6500	90	5	75	50,000

* Module Light output and efficacy is calculated @ typical. Measurement presision for flux +/-5%, Measurement presision for efficacy +/- 6%.For more detailed specifications (including lifetime) please approach local sales team

Fortimo LEDFlex Continous

Compatible Constant Voltage LED Drivers

Product Desciption	12NC	500lm/m	1000lm/m
Economic LED Transformer 30W 24VDC	913710033080	√	√
Economic LED Transformer 60W 24VDC	913710033180	√	√
Economic LED Transformer 120W 24VDC	913710033680	√	√
Economic LED Transformer 180W 24VDC	913710033780	√	√
Economic LED Transformer 250W 24VDC	929002859480	√	√
CertaDrive LED Transformer 30W 24VDC	929002146280	√	√
CertaDrive LED Transformer 60W 24VDC	929002146380	√	√
CertaDrive LED Transformer 120W 24VDC	929002146480	√	√
CertaDrive LED Transformer 180W 24VDC	929002146580	√	√
CertaDrive LED Transformer 250W 24VDC	929002826380	√	√
LED Transformer 60W 24VDC 220-240V	913710032267	√	√
LED Transformer 120W 24VDC 220-240V	913710032567	√	√
LED Transformer 150W 24VDC 220-240V	929002105980	√	√
Xitanium LED Transformer 30W 1-10V 24VDC	929002825880	√	√
Xitanium LED Transformer 60W 1-10V 24VDC	929002825980	√	√
Xitanium LED Transformer 100W 1-10V 24VDC	929002826080	√	√
Xitanium LED Transformer 150W 1-10V 24VDC	929002826180	√	√
Xitanium LED Transformer 250W 1-10V 24VDC	929002826280	√	√
LED Transformer 60W 24VDC TD 220-240V	929002200506	√	√
LED Transformer 100W 24VDC TD 220-240V	929002200606	√	√
LED Transformer 150W 24VDC TD 220-240V	929002200706	√	√

* For latest compatialbe driver list, please always help to check with local sales team, for Tunable White and RGBWW/CW, Bridge Box is also needed.

Accessories	12NC
Fortimo LEDFlex C connector wire-PCB	929003400780
Fortimo LEDFlex C connector PCB-PCB	929003400880

Fortimo LEDFlex

Fortimo LEDFlex system Gen1

The Fortimo LEDFlex is designed for built-in applications to provide a sleek look and feel in stores for the ultimate shopping experience. Fortimo LEDFlex combines an optimized color spectrum for enhanced white performance and astonishingly lively rich colors to deliver an outstanding shopping experience. Create the ultimate look and feel for your store in combination with Philips premium white spotlighting solutions. What's more, Fortimo LEDFlex offers state-of-art efficacy up to 152 lm/W for low energy consumption, and the 50,000 hours lifetime offers peace of mind and lower maintenance costs. Fortimo LEDFlex provides high design freedom through cut options every 5 and 10 cms, and plug and play simplicity thanks to Fortimo LEDFlex accessories for no-tool handling and connection. Mounting is made simple, reliable and robust thanks to the best self-adhesive 3M tape, providing a sturdy mount to any surface.

Features

- Superior light quality featuring an optimized color spectrum for enhanced white performance and astonishing lively rich colors
- High efficacy Up to 152 lm/W with CRI >80 and 132 lm/W with CRI>90
- Extensive Range of lumen output, color temperatures and accessories
- High design freedom by cut-options every 5 cm and 10 cm
- System solution in combination with Philips 24V Constant voltage drivers with 5 year warranty

Benefits

- The best quality with an excellent performance
- Maximum design flexibility
- True system proposition



Fortimo LEDFlex 5 m C10 Gen1

Product specification

Product name	Product code	Power consumption	Lumen	Color rendering index	Correlated color temperature*
	12NC	W, typical ± 20%	lm, typical ± 20%	CRI, typical	K
Fortimo LEDFlex 5m 1000lm/m 830 C10 G1	929001490880	7.1	1000	80	3000
Fortimo LEDFlex 5m 1000lm/m 840 C10 G1	929001490980	6.6	1000	80	4000
Fortimo LEDFlex 5m 1000lm/m 827 C10 G1	929001491080	7.4	1000	80	2700
Fortimo LEDFlex 5m 1000lm/m 865 C10 G1	929001491180	6.6	1000	80	6500
Fortimo LEDFlex 5m 1500lm/m 830 C10 G1	929001491280	10.9	1500	80	3000
Fortimo LEDFlex 5m 1500lm/m 840 C10 G1	929001491380	10.0	1500	80	4000
Fortimo LEDFlex 5m 1500lm/m 827 C10 G1	929001491480	11.2	1500	80	2700
Fortimo LEDFlex 5m 1500lm/m 865 C10 G1	929001491580	10.0	1500	80	6500
Fortimo LEDFlex 5m 2000lm/m 830 C10 G1	929001491680	14.9	2000	80	3000
Fortimo LEDFlex 5m 2000lm/m 840 C10 G1	929001491780	13.8	2000	80	4000
Fortimo LEDFlex 5m 2000lm/m 827 C10 G1	929001491880	15.6	2000	80	2700
Fortimo LEDFlex 5m 2000lm/m 865 C10 G1	929001491980	13.8	2000	80	6500
Fortimo LEDFlex 5m 2500lm/m 830 C10 G1	929001492080	18.9	2500	80	3000
Fortimo LEDFlex 5m 2500lm/m 840 C10 G1	929001492180	17.6	2500	80	4000
Fortimo LEDFlex 5m 2500lm/m 865 C10 G1	929001492280	19.9	2500	80	2700
Fortimo LEDFlex 5m 2500lm/m 865 C10 G1	929001492380	17.6	2500	80	6500

* Correlated color temperature within 5 SDCM range



Fortimo LEDFlex 50 m C10 Gen1

Product specification

Product name	Product code	Power consumption	Lumen	Color rendering index	Correlated color temperature*
	12NC	W, typical ± 20%	lm, typical ± 20%	CRI, typical	K
Fortimo LEDFlex 50m 1000lm/m 830 C10 G1	929001493280	7.1	1000	80	3000
Fortimo LEDFlex 50m 1000lm/m 840 C10 G1	929001493380	6.6	1000	80	4000
Fortimo LEDFlex 50m 1500lm/m 830 C10 G1	929001493480	10.9	1500	80	3000
Fortimo LEDFlex 50m 1500lm/m 840 C10 G1	929001493580	10.0	1500	80	4000
Fortimo LEDFlex 50m 2000lm/m 830 C10 G1	929001493680	14.9	2000	80	3000
Fortimo LEDFlex 50m 2000lm/m 840 C10 G1	929001493780	13.8	2000	80	4000
Fortimo LEDFlex 50m 2500lm/m 830 C10 G1	929001493880	18.9	2500	80	3000
Fortimo LEDFlex 50m 2500lm/m 840 C10 G1	929001493980	17.6	2500	80	4000

Fortimo LEDFlex



Fortimo LEDFlex 5 m C5 Gen1

Product specification

Product name	Product code	Power consumption	Lumen	Color rendering index	Correlated color temperature*
	12NC	W, typical ± 20%	lm, typical ± 20%	CRI, typical	K
Fortimo LEDFlex 5m 1000lm/m 930PW C5 G1	929001489280	8.2	1000	90	3000
Fortimo LEDFlex 5m 1000lm/m 940PW C5 G1	929001489380	7.6	1000	90	4000
Fortimo LEDFlex 5m 1000lm/m 927 C5 G1	929001489480	8.6	1000	90	2700
Fortimo LEDFlex 5m 1000lm/m 965 C5 G1	929001489580	7.6	1000	90	6500
Fortimo LEDFlex 5m 1500lm/m 930PW C5 G1	929001489680	12.6	1500	90	3000
Fortimo LEDFlex 5m 1500lm/m 940PW C5 G1	929001489780	11.8	1500	90	4000
Fortimo LEDFlex 5m 1500lm/m 927 C5 G1	929001489880	13.2	1500	90	2700
Fortimo LEDFlex 5m 1500lm/m 965 C5 G1	929001489980	11.8	1500	90	6500
Fortimo LEDFlex 5m 2000lm/m 930PW C5 G1	929001490080	17.1	2000	90	3000
Fortimo LEDFlex 5m 2000lm/m 940PW C5 G1	929001490180	16.0	2000	90	4000
Fortimo LEDFlex 5m 2000lm/m 927 C5 G1	929001490280	18.0	2000	90	2700
Fortimo LEDFlex 5m 2000lm/m 965 C5 G1	929001490380	16.0	2000	90	6500
Fortimo LEDFlex 5m 2500lm/m 930PW C5 G1	929001490480	21.2	2500	90	3000
Fortimo LEDFlex 5m 2500lm/m 940PW C5 G1	929001490580	20.0	2500	90	4000
Fortimo LEDFlex 5m 2500lm/m 927 C5 G1	929001490680	22.5	2500	90	2700
Fortimo LEDFlex 5m 2500lm/m 965 C5 G1	929001490780	20.0	2500	90	6500



Fortimo LEDFlex 50 m C5 Gen1

Product specification

Product name	Product code	Power consumption	Lumen	Color rendering index	Correlated color temperature*
	12NC	W, typical ± 20%	lm, typical ± 20%	CRI, typical	K
Fortimo LEDFlex 50m 1000lm/m 930PW C5 G1	929001492480	8.2	1000	90	3000
Fortimo LEDFlex 50m 1000lm/m 940PW C5 G1	929001492580	7.6	1000	90	4000
Fortimo LEDFlex 50m 1500lm/m 930PW C5 G1	929001492680	12.6	1500	90	3000
Fortimo LEDFlex 50m 1500lm/m 940PW C5 G1	929001492780	11.8	1500	90	4000
Fortimo LEDFlex 50m 2000lm/m 930PW C5 G1	929001492880	17.1	2000	90	3000
Fortimo LEDFlex 50m 2000lm/m 940PW C5 G1	929001492980	16.0	2000	90	4000
Fortimo LEDFlex 50m 2500lm/m 930PW C5 G1	929001493080	21.2	2500	90	3000
Fortimo LEDFlex 50m 2500lm/m 940PW C5 G1	929001493180	20.0	2500	90	4000

Constant voltage drivers recommendation

Philips constant voltage drivers

Product name	Product code (12NC)
LED power driver 20W 24VDC 100-240V	929000654006
LED power driver 80W 24VDC 120-240V	929001669406
LED power driver 100W 24VDC 120-240V	929001669506
LED power driver 150W 24VDC 120-240V	929002101980
LED power driver 240W 24VDC 120-240V	929002102080
LED transformer 20W 24VDC 120-277V	929002105580
LED transformer 40W 24VDC 120-277V	929002105680
LED transformer 60W 24VDC 120-277V	929002105780
LED transformer 60W 24VDC 220-240V	913710032267
LED transformer 100W 24VDC 120-277V	929002105880
LED transformer 120W 24VDC 220-240V	913710032567
LED transformer 150W 24VDC 220-240V	929002105980
LED transformer 150W IP67 24VDC 220-240V	929001485580
LED transformer 300W IP67 24VDC 220-240V	929001485680
CertaDrive LED transformer 30W 24VDC	929002146280
CertaDrive LED transformer 60W 24VDC	929002146380
CertaDrive LED transformer 120W 24VDC	929002146480
CertaDrive LED transformer 180W 24VDC	929002146580
CertaDrive 35W 24VDC 220-240V	929001424006
CertaDrive 60W 24VDC 220-240V	929001424106
CertaDrive 100W 24VDC 220-240V	929001424206
CertaDrive 120W 24VDC 220-240V	929001424306
Xitanium 77W 100-277V 3.2A XI077C320V024FNS1M *	929001708113
Xitanium 100W 100-277V 4.1A XI100C410V024FNS1M*	929000771913
LED driver outdoor 100W 100-240V 24V**	929000485303

* Only for NAM region
** Only for Japan

Accessories	Product code (12NC)
Fortimo LEDFlex connector wire250mm-PCB	929001495880
Fortimo LEDFlex connector wire500mm-PCB	929001495980
Fortimo LEDFlex connector wire2000mm-PCB	929001496080
Fortimo LEDFlex connector PCB-PCB	929001496180
Fortimo LEDFlex cornerconnect wire60mm	929001496280
Fortimo LEDFlex cornerconnect wire150mm	929001496380

Certaflux LEDFlex Gen1

The CertaFlux LEDFlex Gen1 are dedicated designed for built-in applications for retail display lighting applications such as shelf lighting, and various decorative lighting applications such as cove lighting, ceiling integration, accent lighting. With mainstream flux level (500lm/m-2000lm/m) as well as various Color temperature, Tunable White and RGBW, the new CertaFlux LEDFlex family can meet different application requirements and maximum the design flexibility. Together with Philips constant voltage driver and easy to use accessories, we offer a reliable system to our OEM customers to unlock the full potential of stylish lighting designs.

Features

- Flux ranges covers 500lm/m 1000lm/m 1500lm/m 2000lm/m with efficacy up to 110lm/W
- Available in 2400K 2700K 3000KPW 3500KPW 4000KPW and 6500K with CRI90
- Premium White color, tunable White and RGB(WW/CW) included
- Short cuttable length
- Two connectors - PCB-PCB and PCB-wire connectors

Benefits

- Extensive portfolio for different application
- Easy to design
- Easy to use
- Reliable and Robust
- System approach



Product specifications

Product Description	Product code	Power consumption	Lumen	Efficacy	Color Temperature	Color Rendering	Color Consistency	Tc Life	B50/L70 at Tc Life
	12NC	W	lm/m	lm/W	K	Ra	SDCM	°C	hrs
CertaFlux LEDFlex 5m 500lm/m 924 C10 G1	929002862380	7	500	72	2400	90	3	75	30,000
CertaFlux LEDFlex 5m 500lm/m 927 C10 G1	929002862480	6	500	83	2700	90	3	75	30,000
CertaFlux LEDFlex 5m 500lm/m 930PW C10G1	929002862580	6	500	83	3000	90	3	75	30,000
CertaFlux LEDFlex 5m 500lm/m 935PW C10G1	929002862680	6	500	83	3500	90	3	75	30,000
CertaFlux LEDFlex 5m 500lm/m 940PW C10G1	929002862780	6	500	83	4000	90	3	75	30,000
CertaFlux LEDFlex 5m 500lm/m 965 C10 G1	929002862880	6	500	83	6500	90	3	75	30,000
CertaFlux LEDFlex 5m 1000lm/m 924 C10 G1	929002862980	13	1000	77	2400	90	3	75	30,000
CertaFlux LEDFlex 5m 1000lm/m 927 C10 G1	929002863080	13	1050	81	2700	90	3	75	30,000
CertaFlux LEDFlex 5m 1000lm/m 930PWC10G1	929002863180	10.8	1000	83	3000	90	3	75	30,000
CertaFlux LEDFlex 5m 1000lm/m 935PWC10G1	929002863280	10.8	1000	83	3500	90	3	75	30,000
CertaFlux LEDFlex 5m 1000lm/m 940PWC10G1	929002863380	9.7	1000	93	4000	90	3	75	30,000
CertaFlux LEDFlex 5m 1000lm/m 965 C10 G1	929002863480	9.7	1000	93	6500	90	3	75	30,000
CertaFlux LEDFlex 5m 1500lm/m 930PW C5G1	929002863580	13.9	1450	104	3000	90	3	75	30,000
CertaFlux LEDFlex 5m 1500lm/m 935PW C5G1	929002863680	13.9	1500	108	3500	90	3	75	30,000
CertaFlux LEDFlex 5m 1500lm/m 940PW C5G1	929002863780	13.9	1500	108	4000	90	3	75	30,000
CertaFlux LEDFlex 5m 1500lm/m 965 C5 G1	929002863880	13.9	1500	108	6500	90	3	75	30,000
CertaFlux LEDFlex 5m 2000lm/m 930PW C5G1	929002863980	18	1900	106	3000	90	3	75	30,000
CertaFlux LEDFlex 5m 2000lm/m 935PW C5G1	929002864080	18	1900	106	3500	90	3	75	30,000
CertaFlux LEDFlex 5m 2000lm/m 940PW C5G1	929002864180	18	2000	111	4000	90	3	75	30,000
NEW **CertaFlux LEDFlex 5m 2000lm/m 930 C5G1**	**929002884180**	**18**	**1900**	**106**	**3000**	**90**	**3**	**75**	**30,000**
NEW **CertaFlux LEDFlex 5m 2000lm/m 935 C5G1**	**929002884280**	**18**	**1900**	**106**	**3500**	**90**	**3**	**75**	**30,000**
NEW **CertaFlux LEDFlex 5m 2000lm/m 940 C5G1**	**929002884380**	**18**	**2000**	**111**	**4000**	**90**	**3**	**75**	**30,000**
CertaFlux LEDFlex 5m 2000lm/m 965 C5 G1	929002864280	18	2000	111	6500	90	3	75	30,000
CertaFlux LEDFlex 5m 1000lm/m827-865C12G1	929002864380	10.1	1000 @ 2700K /1100 @ 6500K	100 @ 2700K / 109 @ 6500K	2700-6500	80	3	75	30,000
CertaFlux LEDFlex 5m 2000lm/m827-865C12G1	929002869580	20	2000 @ 2700 / 2200 @ 6500K		2700-6500	80	3	75	30,000
CertaFlux LEDFlex 5m 1000lm/mRGBWW C10G1	929002864480	4.8 (RGB)/10.1 (warmwhite)	75(blue)/335(green)128(red)/1000(warmwhite)	100 (warm-white)	2700	80	3(warmwhite)	75	30,000
CertaFlux LEDFlex 5m 1000lm/mRGBCW C10G1	929002864580	4.8 (RGB)/10.1 (coolwhite)	75(blue)/335(green)128(red)/1100(coolwhite)	109 (coolwhite)	6500	80	3(coolwhite)	75	30,000

* Module Light output and efficacy is calculated @ typical. Measurement presision for flux +/-5%, Measurement presision for efficacy +/- 6%.For more detailed specifications (including lifetime) please approach local sales team.

Certaflux LEDFlex Gen1

Compatible Constant voltage LED Drivers

Product Description	12NC	500lm/m	1000lm/m	1500lm/m	2000lm/m	1000lm TW	2000lm TW	1000lm RGBWW/CW
LED Transformer 20W 24VDC 120-277V	929002105580	√	√	√	√			
CertaDrive LED Transformer 30W 24VDC	929002146280	√	√	√	√			
Economic LED Transformer 30W 24VDC	913710033080	√	√	√	√			
CertaDriver LED Transformer 60W 24VDC	929002146380	√	√	√	√			
Economic LED Transformer 60W 24VDC	913710033180	√	√	√	√			
CertaDriver LED Transformer 120W 24VDC	929002146480	√	√	√	√			
Economic LED Transformer 120W 24VDC	913710033680	√	√	√	√			
CertaDriver LED Transformer 180W 24VDC	929002146580	√	√	√	√			
Economic LED Transformer 180W 24VDC	913710033780	√	√	√	√			
CertaDriver LED Transformer 250W 24VDC	929002826380	√	√	√	√			
Economic LED Transformer 250W 24VDC	929002159480	√	√	√	√			
Xitanium LED Transformer 30W 1-10V 24VDC	929002825880	√	√	√	√			
Xitanium LED Transformer 60W 1-10V 24VDC	929002825980	√	√	√	√			
Xitanium LED Transformer 100W 1-10V 24VDC	929002826080	√	√	√	√			
Xitanium LED Transformer 150W 1-10V 24VDC	929002826180	√	√	√	√			
Xitanium LED Transformer 250W 1-10V 24VDC	929002826280	√	√	√	√			
LED Transformer 40W 24VDC 120-277V	929002105680					√	√	√
LED Transformer 60W 24VDC 120-277V	913710032267					√	√	√

* For latest compatialbe driver list, please always help to check with local sales team, for Tunable White and RGBWW/CW, Bridge Box is also needed.

Accessories

Product Description	12NC
CertaFlux LEDFlex connector wire-PCB 8mm	929002864680
CertaFlux LEDFlex connector PCB-PCB 8mm	929002864780
CertaFlux LEDFlex connector wire-PCB TW	929002864880
CertaFlux LEDFlex connector PCB-PCB TW	929002864980
CertaFlux LEDFlex connector wire-PCBRGBW	929002865080
CertaFlux LEDFlex connector PCB-PCB RGBW	929002865180
CertaFlux LEDFlex connector wire-PCB10mm	929002865780
CertaFlux LEDFlex connector PCB-PCB 10mm	929002865880

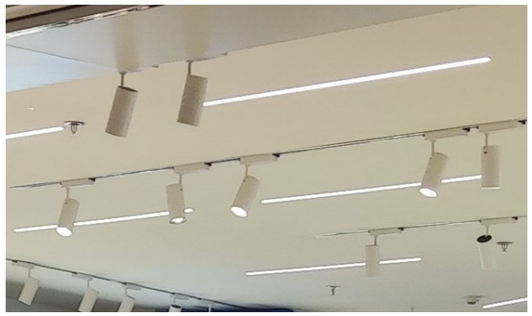
LEDFlex & SLM COB Color-matching Table

With more and more creative light applications emerging everywhere, the demand of flexible light solutions keeps on growing.
With the continuous improvement of LED efficacy, Constant Voltage light solutions keep on expanding into new areas, from ambient lighting, cove lighting to general lighting.
Among them, one of the key segmentations is retail lighting, for which the color consistency between LEDFlex and Tracklight becomes crucial.
We offer both LEDFlex and SLM COB which deliver one look-and-feel lighting solutions in stores for a supreme shopping experience.
Portfolio color matching tables below give a clear overview of matching colors between different lighting technologies.

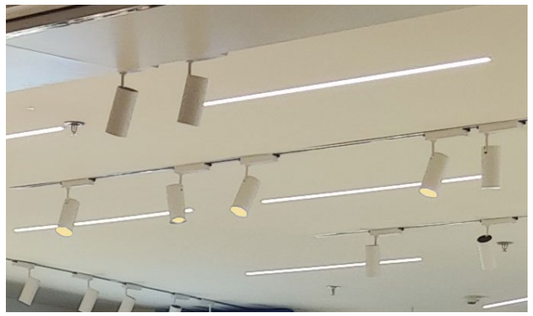
			CR190						CR180				
Normal White			2400	2700	3000	3500	4000	5000	2700	3000	3500	4000	5000
Spotlight	Fortimo	SLM COB											
Spotlight	CertaFlux	SLM COB											
LEDFlex	Fortimo	LEDFlex Continous Light											
LEDFlex	Fortimo	LEDFlex (Single color)											
LEDFlex	CertaFlux	LEDFlex (Single color)											

			CR190						CR180				
Premium White			2400	2700	3000	3500	4000	5000	2700	3000	3500	4000	5000
Spotlight	Fortimo	SLM COB PW											
LEDFlex	Fortimo	LEDFlex Continous Light PW											
LEDFlex	Fortimo	LEDFlex (Single color)											
LEDFlex	CertaFlux	LEDFlex (Single color)											

			CR190						CR180				
Tunable White			2400	2700	3000	3500	4000	5000	2700	3000	3500	4000	5000
Spotlight	Fortimo	SLM Tunable Premium White			PW	PW	PW						
Spotlight	CertaFlux	SLM Tunable Normal White		Coming									
LEDFlex	Fortimo	LEDFlex Continous Light		Coming									
LEDFlex	CertaFlux	LEDFlex TW											



Matching color



Non-Matching color



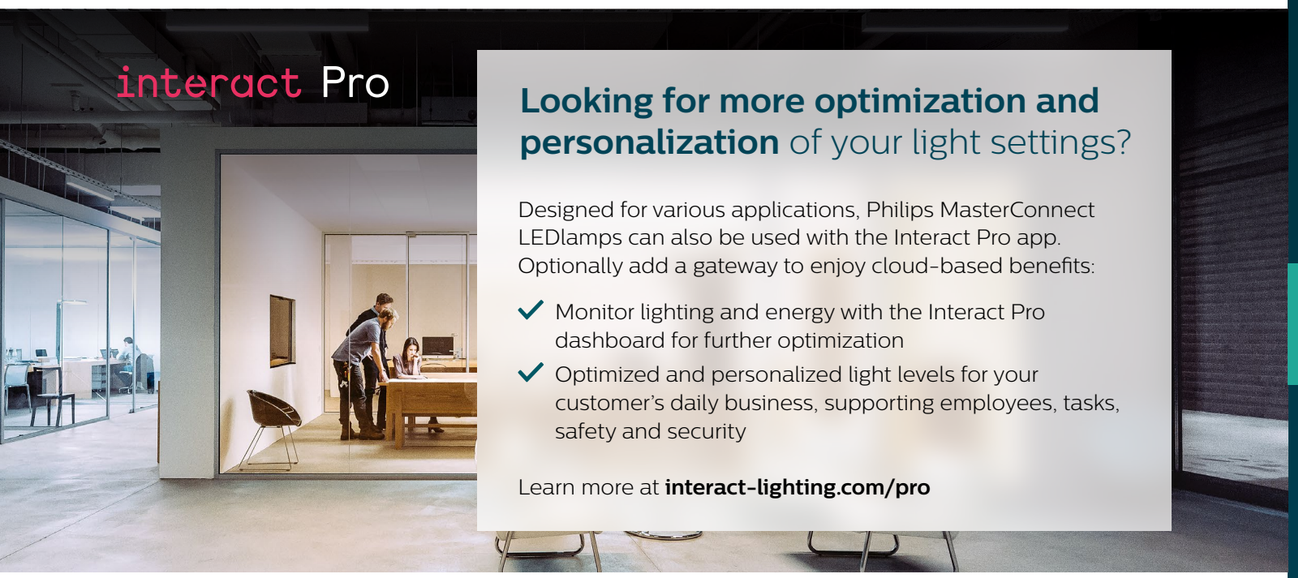
Smart lighting is only a few simple steps away,
thanks to easy installation and instant setup via the app.

Install
Time-saving installation without the need for a gateway, wireless retrofits and mobile app guided set up.

Configure
Activate and set up your lighting system and energy-saving automation settings with the app.

Ready!

Adjust
Once everything is set up, your customer can download the app and, if desired, change the light settings.



Looking for more optimization and personalization of your light settings?

Designed for various applications, Philips MasterConnect LEDlamps can also be used with the Interact Pro app. Optionally add a gateway to enjoy cloud-based benefits:

- ✓ Monitor lighting and energy with the Interact Pro dashboard for further optimization
- ✓ Optimized and personalized light levels for your customer's daily business, supporting employees, tasks, safety and security

Learn more at **interact-lighting.com/pro**

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PHILIPS
MasterConnect



Real pros choose

new connections for new opportunities.

Take the first step into connected lighting with **Philips MasterConnect LEDlamps.**

Works with Interact and Philips MasterConnect apps



REAL PROs REAL QUALITY

Philips MasterConnect LEDlamps.

Big news for businesses that want to switch to connected lighting.

Who says you have to spend a lot of money to have smart lighting? Take your first step with **Philips MasterConnect LEDlamps:** smart retrofit LED lamps that give you an easy and seamless way to upgrade and embrace all benefits of connected lighting.

Thanks to the proven wireless connected technology, MasterConnect LEDlamps maximize energy savings, while providing wireless and automated light for your comfort and convenience.

Simply set up with an intuitive app (such as the Interact or Philips MasterConnect app), your lighting system can be programmed to deliver automated occupancy and daylight detection, zone control, wireless dimming, and scenes. Once the basics are defined, it just works automatically, allowing for an 'install and forget' experience.

With MasterConnect LEDlamps, your system is fully scalable and upgradable. If you want to enjoy further benefits such as remote control or management dashboard, you can simply keep the currently installed lamps and add a gateway to experience all the advantages of a cloud-based system.

There's no better way to take lighting solutions to the next level.





Philips MasterConnect LEDlamps





MasterConnect LEDtube

- Retrofit to T8 lamps on EM ballast or mains
- Safe and hassle-free installation
- 55% energy savings compared with fluorescent lamps
- Extra-long lifetime of 60,000 hrs
- Perfect for office, school, retail, healthcare, parking and warehouse

MasterConnect LEDspot

- Perfect fit design to retrofit halogen lamps
- 90% energy savings compared with halogen lamps
- Color spectrum that replicates halogen, CRI 90
- Lifetime of up to 25,000 hrs
- Perfect for hospitality, restaurant and retail



Add switches for wireless lighting

- Wireless dimming and scenes
- No control wires for cost effective installation



Add sensors for automated lighting

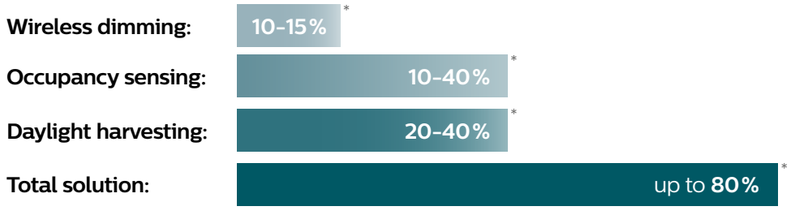
- Automated lighting through occupancy detection
- Daylight harvesting



Add a gateway for connected lighting

- Preventive maintenance of light
- Remote and personal control of lighting
- Management dashboard

Tap the full potential of energy savings



*Savings based on published articles and Signify internal study. Total solution means utilizing all available control strategies such as occupancy sensing, daylight harvesting, high-end trim, scheduling, personal control, demand response etc. All savings are compared with non-controlled LED lighting system. Actual savings may vary depending on the application and usage.



MasterConnect LEDtube – lighting possibilities

Occupancy sensor

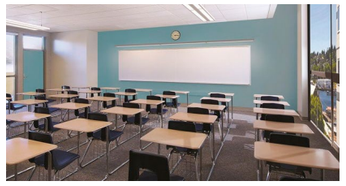




Meeting rooms
Optimize energy savings by automatically switching on/off the light when entering/leaving the room.

Occupancy and daylight sensor





Classrooms
Optimize comfort by adjusting the light level to the amount of natural light in the room.

4-button switch





Conference rooms
Group the lamps and adjust the level of light depending on the activity (e.g. presentation mode, focus time)

IP65 sensor





Storage/parking garages
Maximize energy savings by automatically boosting or dimming the lights depending on presence in the area.



MasterConnect LEDspot – lighting possibilities

Meeting rooms
Group the lamps and optimize lighting for various tasks. Adjust natural/artificial light level in a balanced way.





Occupancy and daylight sensor

Retail
Optimize shelf lighting by boosting or dimming the light level where needed or by setting different scenes.





4-button switch

Hospitality/restaurants
Group the lamps and adjust the light level or set different scenes to create the desired ambiance.





4-button switch

Visit **philips.com/masterconnect** for an overview of compatible control devices and systems.

Philips MasterConnect LEDlamps also work with: Philips MasterConnect app | **Interact Pro** app and dashboard | **Interact industry** app and dashboard | **Interact Office** app and dashboard

Simple. Scalable. Standardized.

Discover how Philips MasterConnect LEDlamps are a win-win for you and your customers.



Truly easy installation

- Wireless retrofits – minimum renovation
- No additional wiring and gateway needed
- Intuitive mobile app set up – 'install and forget'

More convenient than ever before

- Lighting automation enhances comfort
- Wireless dimming
- Easily set up scenes
- No gateway – no IT impact

Reliable quality

- Wide selection of high-quality LED lamps
- Minimal maintenance thanks to guaranteed product lifetime and system reliability

Improved energy savings

- Various lighting control strategies available to improve energy efficiency and maximize savings

Future-proof solution

- Become a trusted advisor and set up service contracts for recurring business

Grow your business, grow your light

- Upgradable to a cloud-based solution without reinvesting in hardware

Want to know more? Visit philips.com/masterconnect

MasterConnect LEDtube



interact ready. | 60000h | 10 PACK

Product Type	LED	Lumen Output	Dimmable	Beam angle	CRI	Color Temp.	EEL	EOC code
	W	lm				K		
MC LEDtube IA 600mm HO 7W840 T8	7	1050	Wireless Dim	160 °	83	4000	D	71748300
MC LEDtube IA 600mm HO 7W865 T8			Wireless Dim	160 °	83	6500	D	71750600
MC LEDtube IA 1200mm UO 16W840 T8	16	2500	Wireless Dim	160 °	83	4000	D	66970600
MC LEDtube IA 1200mm UO 16W865 T8			Wireless Dim	160 °	83	6500	D	66972000
MC LEDtube IA 1500mm UO 25W840 T8	25	3700	Wireless Dim	160 °	83	4000	D	66976800
MC LEDtube IA 1500mm UO 25W865 T8			Wireless Dim	160 °	83	6500	D	66978200

MasterConnect LEDspot



interact ready. | 25000h | 10 PACK

Product Type	LED	Lumen Output	Dimmable	Beam angle	CRI	Color Temp.	EEL	EOC code
	W	lm				K		
MC LEDspot IA 4.7-50W GU10 927 36D	4.7	345	Wireless Dim	36 °	90	2700	F	69392300
MC LEDspot IA 4.7-50W GU10 930 36D			Wireless Dim	36 °	90	3000	F	69394700
MC LEDspot IA 4.7-50W GU10 940 36D			Wireless Dim	36 °	90	4000	F	69396100

Smart sensor



10 PACK

Product Type	IP rating	EOC code
1 OCC Sensor IA CM IP42 WH (presence detection)	IP42	77752700
2 OCC-DL SENSOR IA CM IP42 WH (presence + daylight detection)		77754100
3 OCC Sensor IA CM IP65 WH (presence detection)	IP65	74542400
4 OCC-DL Sensor IA CM IP65 WH (presence + daylight detection)		74545500

Smart wall-switch



1 PACK

Product Type	EOC code
UID8470/10 ZGP Switch Dim 2B	27377100
UID8480/10 ZGP Switch Scene Recall 4B	27380100

Interact Pro – Gateway



interact Pro | 1 PACK

Product Type	EOC code
LCN1840/05 Wireless Gateway EU	77579000

LED Spot

Master LED MR16 ExpertColor

Master ExpertColor LED MR16 creates a warm and comfortable ambience for hospitality venues, homes and restaurants.It creates such an ambience with superior lighting that has a customized spectrum, high CRI, and deep dimming feature.
The result? A beautiful lighting experience. The innovative, trimless lens design will also suit almost any interior decor withits clean and neat look. The Master ExpertColor LED MR16 is well designed and robust, offering a variety of beam angles to manage a clearly defined beam spread suitable across various applications. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.). The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers.
Applications: Hospitality: hotel guest room, corridors, lobby, reception area, restaurants, bars, cafes; Home: living room, bedrooms, hall Way; Retail: exhibitions, display cabinets, shops, dressing rooms; Perfect for hospitality suites and guest room requiring adjustable settings

Features

- Customized color spectrum replicates halogen light color
- Deep and smooth dimming
- Best-in-class color realization, CRI97
- Innovative, trimless design with V-groove lens
- Lifetime of 40,000 hours

Benefits

- Warm, comfortable ambiance
- Dim to the right level
- Furnishings and fabrics look great
- Creates integrated look with minimal design to suit every application
- Efficient and sustainable, up to 85% energy savings compared to halogen lamp
- Broad compatibility with transformers
- Hassle-free retrofit solution, Retrofits into vast majority of GU5.3 based fixtures & EZ10 based fixtures



GU5.3



EZ10

Product specifications

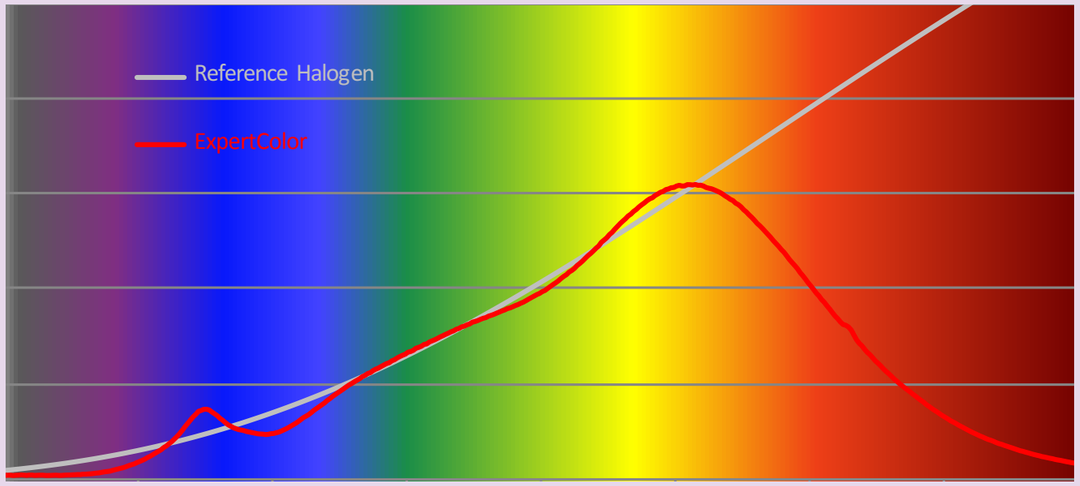
Product type	Product code	Power wattage	Replaced wattage	Base	Beam angle	Lumen	Color temp.	Intensity	Lifetime	CRI	Voltage	Dimming
	12NC	W	W		“	lm	K	Cd	Hours	Ra	V	
MAS LED MR16 ExpertColor 7.2-50W 927 10D	929001241908	6.7	50	GU5.3	10	450	2700	4500	40000	97	12	Yes
MAS LED MR16 ExpertColor 7.2-50W 930 10D	929001242008	6.7	50	GU5.3	10	480	3000	5000	40000	97	12	Yes
MAS LED MR16 ExpertColor 7.2-50W 940 10D	929001242108	6.7	50	GU5.3	10	480	4000	5000	40000	97	12	Yes
MAS LED MR16 ExpertColor 7.2-50W 927 24D	929001242208	6.7	50	GU5.3	24	450	2700	2200	40000	97	12	Yes
MAS LED MR16 ExpertColor 7.2-50W 930 24D	929001242308	6.7	50	GU5.3	24	480	3000	2400	40000	97	12	Yes
MAS LED MR16 ExpertColor 7.2-50W 940 24D	929001242408	6.7	50	GU5.3	24	480	4000	2400	40000	97	12	Yes
MAS LED MR16 ExpertColor 7.2-50W 927 36D	929001242508	6.7	50	GU5.3	36	450	2700	1350	40000	97	12	Yes
MAS LED MR16 ExpertColor 7.2-50W 930 36D	929001242608	6.7	50	GU5.3	36	480	3000	1450	40000	97	12	Yes
MAS LED MR16 ExpertColor 7.2-50W 940 36D	929001242708	6.7	50	GU5.3	36	480	4000	1450	40000	97	12	Yes
MAS LED MR16 ExpertColor 7.2-50W 927 60D	929001341408	6.7	50	GU5.3	60	450	2700	410	40000	97	12	Yes
MAS LED MR16 ExpertColor 7.2-50W 930 60D	929001341508	6.7	50	GU5.3	60	480	3000	440	40000	97	12	Yes
MAS LED MR16 ExpertColor 7.2-50W 940 60D	929001341608	6.7	50	GU5.3	60	480	4000	440	40000	97	12	Yes
MAS MR16 ExpertColor 7.2-50W 927 10D EZ10	929001302318	6.7	50	EZ10	10	450	2700	4500	40000	97	12	Yes
MAS MR16 ExpertColor 7.2-50W 930 10D EZ10	929001302418	6.7	50	EZ10	10	480	3000	5000	40000	97	12	Yes
MAS MR16 ExpertColor 7.2-50W 940 10D EZ10	929001302518	6.7	50	EZ10	10	480	4000	5000	40000	97	12	Yes
MAS MR16 ExpertColor 7.2-50W 927 24D EZ10	929001302618	6.7	50	EZ10	24	450	2700	2200	40000	97	12	Yes
MAS MR16 ExpertColor 7.2-50W 930 24D EZ10	929001302718	6.7	50	EZ10	24	480	3000	2400	40000	97	12	Yes
MAS MR16 ExpertColor 7.2-50W 940 24D EZ10	929001302818	6.7	50	EZ10	24	480	4000	2400	40000	97	12	Yes
MAS MR16 ExpertColor 7.2-50W 927 36D EZ10	929001302918	6.7	50	EZ10	36	450	2700	1350	40000	97	12	Yes
MAS MR16 ExpertColor 7.2-50W 930 36D EZ10	929001303018	6.7	50	EZ10	36	480	3000	1450	40000	97	12	Yes
MAS MR16 ExpertColor 7.2-50W 940 36D EZ10	929001303118	6.7	50	EZ10	36	480	4000	1450	40000	97	12	Yes

Expert Color

Experience perfect color with our new LED technology

The ExpertColor technology offers superb light quality with **halogen-like color realization.** The advanced phospor technology provides high color fidelity, with a **color rendering index of 97**, and high color saturation **(close to 100%)** with great rendering of reds **(R_9 >85)**. So you can bring out the true colors in furnishings and interior decors to add even more appeal.

MASTER LED MR16 ExpertColor features an optimized light spectrum to create a warm ambience that was, for long, only possible with traditional halogen lamps.



ExpertColor replicates halogen light color.ExpertColor offers **93.9%** close to halogen light color, standard LED offers around 60%.

Master LED MR16

Delivering intense accent beam, MASTER LED MR16 is an ideal retrofit solution for spot light. Thanks to its high CRI, it realize more natural colors, enabling cozy and comfortable ambience for residential, hospitality and emphasize the beauty of merchandise in retail. MASTER LED MR16 is compatible with most existing fixtures with a MR16 GU 5.3 holder and designed as a retrofit replacement for halogen or incandescent spots. Not only it employ Philips' patented solution to guarantee the broadest possible compatibility with standard 12V halogen electronic transformers, it also delivers high beam intensity which equivalent to halogen MR16 spots. The dimming function enables to create the desired atmosphere and it works with broad selection of dimmers. MASTER LED MR16 delivers huge energy savings and minimizes maintenance cost without any compromise on brightness, enabling residential owners and business owners to achieve a return on their investment within short period time with its efficiency energy use and long life time. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.).
Applications: Ideal for accent lighting in hotels, hospitals, shops and museums (e.g. floors, elevators, displays); Dimmable versions are perfect for hospitality suites and guest rooms requiring adjustable settings

Features

- Dimmable (6.5W and 7.5W versions)
- Patented intelligent driver
- Air movement mechanism
- Lifetime of 25,000-40,000 hours
- CRI80-90

Benefits

- High intensity of beam equivalent to halogen spots
- Better color realization with high CRI value
- Clearly defined beam spread foraccent lighting
- Compatible with an extensive range of transformers and smooth dimming for dim mable products
- High lumen maintenance with long lifetime
- Up to 80% energy savings compared to halogen lamp
- Can be retrofitted with low-voltage MR16 halogen lamps with GU5.3 sockets





Product specifications

Product Type	Product code	Lamp Wattage	Replaced Wattage	Color temp.	Beam Angle	Lumen	MBCP	Life Time	CRI	Voltage	Dimming
	12NC	W	W	K	°	lm	Cd	Hours	Ra	V	
MASTER LED 6.5-50W 927 MR16 10D Dim	929003071608	6.5	50	2700	10	500	5300	40000	90	12	Yes
MASTER LED 6.5-50W 930 MR16 10D Dim	929003071708	6.5	50	3000	10	500	5300	40000	90	12	Yes
MASTER LED 6.5-50W 940 MR16 10D Dim	929003071808	6.5	50	4000	10	530	5600	40000	90	12	Yes
MASTER LED 6.5-50W 927 MR16 24D Dim	929003071908	6.5	50	2700	24	500	2500	40000	90	12	Yes
MASTER LED 6.5-50W 930 MR16 24D Dim	929003072008	6.5	50	3000	24	500	2500	40000	90	12	Yes
MASTER LED 6.5-50W 940 MR16 24D Dim	929003072108	6.5	50	4000	24	530	2700	40000	90	12	Yes
MASTER LED 6.5-50W 927 MR16 36D Dim	929003072208	6.5	50	2700	36	500	1400	40000	90	12	Yes
MASTER LED 6.5-50W 930 MR16 36D Dim	929003072308	6.5	50	3000	36	500	1400	40000	90	12	Yes
MASTER LED 6.5-50W 940 MR16 36D Dim	929003072408	6.5	50	4000	36	530	1500	40000	90	12	Yes
MASTER LED 6.5-50W 927 MR16 60D Dim	929003075908	6.5	50	2700	60	500	500	40000	90	12	Yes
MASTER LED 6.5-50W 930 MR16 60D Dim	929003076008	6.5	50	3000	60	500	500	40000	90	12	Yes
MASTER LED 6.5-50W 940 MR16 60D Dim	929003076108	6.5	50	4000	60	530	550	40000	90	12	Yes
MASTER LED 7.5-50W+ 827 MR16 24D Dim	929003072508	7.5	50	2700	24	660	3100	40000	80	12	Yes
MASTER LED 7.5-50W+ 830 MR16 24D Dim	929003072608	7.5	50	3000	24	660	3250	40000	80	12	Yes
MASTER LED 7.5-50W+ 827 MR16 36D Dim	929003072708	7.5	50	2700	36	660	1700	40000	80	12	Yes
MASTER LED 7.5-50W+ 830 MR16 36D Dim	929003072808	7.5	50	3000	36	660	1700	40000	80	12	Yes
MASTER LED 7.5-50W+ 840 MR16 36D Dim	929003072908	7.5	50	4000	36	710	1800	40000	80	12	Yes
MASTER LED 6.5-50W 927 MR16 24D ND	929001881908	6.5	50	2700	24	470	2300	40000	90	12	No
MASTER LED 6.5-50W 930 MR16 24D ND	929001882008	6.5	50	3000	24	470	2300	40000	90	12	No
MASTER LED 6.5-50W 940 MR16 24D ND	929001882108	6.5	50	4000	24	520	2500	40000	90	12	No
MASTER LED 6.5-50W 927 MR16 36D ND	929001882208	6.5	50	2700	36	470	1400	40000	90	12	No
MASTER LED 6.5-50W 930 MR16 36D ND	929001882308	6.5	50	3000	36	470	1400	40000	90	12	No
MASTER LED 6.5-50W 940 MR16 36D ND	929001882408	6.5	50	4000	36	520	1500	40000	90	12	No



Product specifications

Product Type	Product code	Lamp Wattage	Replaced Wattage	Color temp.	Beam Angle	Lumen	MBCP	Life Time	CRI	Voltage	Dimming
	12NC	W	W	K	°	lm	Cd	Hours	Ra	V	
MASTER LED 6.5-50W 927 MR16 24D ND	929001881908	6.5	50	2700	24	470	2300	40000	90	12	No
MASTER LED 6.5-50W 930 MR16 24D ND	929001882008	6.5	50	3000	24	470	2300	40000	90	12	No
MASTER LED 6.5-50W 940 MR16 24D ND	929001882108	6.5	50	4000	24	520	2500	40000	90	12	No
MASTER LED 6.5-50W 927 MR16 36D ND	929001882208	6.5	50	2700	36	470	1400	40000	90	12	No
MASTER LED 6.5-50W 930 MR16 36D ND	929001882308	6.5	50	3000	36	470	1400	40000	90	12	No
MASTER LED 6.5-50W 940 MR16 36D ND	929001882408	6.5	50	4000	36	520	1500	40000	90	12	No

Master LED MR11

Philips 12V MR11 LED lamps is the latest product in series of low voltage (12VAC), Halogen MR11 replacement.
Applications: Hospitality: hotel, restaurant, café, bar; Retail: display cabinet, museum; Home: kitchen, wardrobe, cabinet, etc.

Features

- Clearly defined beam spread
- UV and IR free light

Benefits

- Up to 80% energy savings compared to a 20W halogen MR11
- Long lifetime of 15,000-40,000 hours
- Retrofit into a vast majority of luminaires with GU4 sockets
- Good for heat sensitive objects like organic, food, leather goods, paintings



Product specifications

Product Type	Product code	Power Wattage	Replaced Wattage	Beam Angle	Lumen	Color temp.	Intensity	Life Time	CRI	Voltage	Dimming
	12NC	W	W	“	lm	K	Cd	Hours	Ra	V	
CorePro LED spot 2.3-20W 827 MR11 36D	929002066402	2.3	20	36	200	2700	400	25000	80	12	No
MAS LEDspotLV 3.5-20W 827 MR11 24D	929003087002	3.5	20	24	210	2700	1000	40000	80	12	No



High Lumen MR16

Philips high lumen LED MR16 brings out the true beauty of the merchandise by intense light with small form factor. It provides the right light to emphasize the merchandise and create bright and refreshing shopping environment. Not only its superior light quality, its innovative, trim-less V-groove lens will suit any kind of store interior without creating techy look. It is a hasslefree retrofit solution. It fits most of luminaires to make re-lamping and renovation projects as easy as possible.
Appications: Retail stores: Fashion retail, Cosmetics retail, Jewelry; Store’s display area. Window display area, dressing; Rooms; Museum: display area for artworks; Exhibition

Features

- High lumen output
- Strong punch effect in light beam
- Trimless design with V-groove lens
- Strong color maintenance and lumen maintenance
- Dimmable with dimmable driver use
- High efficiency with 50,000 hr lifetime
- Retrofit
- No UV and Cool Beam(no IR)

Benefits

- Emphasize merchandise display with strong intensive light
- Trimless design enables integrated look with luminaries to suit any kind of store interior style
- Strong performance of color realization and light effect stays over time
- Working with dimmable LED driver to enable dimmability
- Hassle free retrofit solution with GU5.3 luminaries
- Safe for illuminating heat-senstive objects (food, organic materials, paintings, etc.)



MR16 GU5.3

Product specificaitons

Product type	Product code	Power wattage	Base	Beam angle	Lumen	Color temp.	Intensity	Lifetime	CRI	Voltage	Dimming
	12NC	W		“	lm	K	Cd	Hours	Ra	V	
MR16 1200 827 36D	929001814308	9	GU5.3	36	1200	2700	2300	50000	80	36-40	Yes
MR16 1200 830 36D	929001814408	9	GU5.3	36	1200	3000	2300	50000	80	36-40	Yes
MR16 1200 840 36D	929001817808	9	GU5.3	36	1300	4000	2500	50000	80	36-40	Yes
MR16 1000 927 36D	929001918210	9	GU5.3	36	950	2700	1900	50000	90	36-40	Yes
MR16 1000 930 36D	929001918310	9	GU5.3	36	950	3000	1900	50000	90	36-40	Yes
MR16 1000 940 36D	929001918410	9	GU5.3	36	1000	4000	2000	50000	90	36-40	Yes
MR16 800 927 24D	929001918510	9	GU5.3	24	800	2700	2800	50000	90	36-40	Yes
MR16 800 930 24D	929001918610	9	GU5.3	24	800	3000	2800	50000	90	36-40	Yes
MR16 800 940 24D	929001918710	9	GU5.3	24	850	4000	3000	50000	90	36-40	Yes

Master LED GU10 & Essential LED GU10

Master LED ExpertColor GU10 creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates such an ambience with superior light quality that has a customized spectrum, high CRI, and deep dimming feature. These LEDspots has familiar look and feel of glass spot, it keeps classic beauty of glass spot and strong performance from LED technology. The innovative, trimless lens design will also suit most of interior decor style. Master LED ExpertColor GU10 is compatible with most existing fixtures with a GU10 holder and designed as a retrofit replacement for halogen GU10 lamps.
Applications: Retail; Hospitality; Residentail/Home

Features

- Compatible with an extensive range of dimmers
- Lifetime of 15,000 to 40,000 hours
- Clearly defined beam spread
- UV- and IR-free light for less heat and protection for heat-sensitive objects

Benefits

- Up to 80% energy savings compared to halogen lamp
- Easy retrofit
- Lower maintenance costs



ExpertColor GU10



Master GU10



Essential GU10

Product specifications

Product Type	Product code	Lamp Wattage	Replaced Wattage	Color temp.	Beam Angle	Lumen	MBCP	Life Time	CRI	Voltage	Dimming
	12NC	W	W	K	Degree	lm	cd	Hours	Ra	V	
MAS LED ExpertColor 5.5-50W GU10 927 24D	929001347008	5.5	50	2700	24	385	1000	40000	97	220-240	Yes
MAS LED ExpertColor 5.5-50W GU10 930 24D	929001347108	5.5	50	3000	24	405	1000	40000	97	220-240	Yes
MAS LED ExpertColor 5.5-50W GU10 927 36D	929001347308	5.5	50	2700	36	385	800	40000	97	220-240	Yes
MAS LED ExpertColor 5.5-50W GU10 930 36D	929001347408	5.5	50	3000	36	405	800	40000	97	220-240	Yes
Master LED 5-50W GU10 927 36D Dim	929001348808	5	50	2700	36	395	650	25000	90	220-240	Yes
Master LED 5-50W GU10 930 36D Dim	929001348908	5	50	3000	36	405	650	25000	90	220-240	Yes
Master LED 5-50W GU10 940 36D Dim	929001349008	5	50	4000	36	420	700	25000	90	220-240	Yes
MAS LEDspot VLE D 5-50W GU10 830 36D Dim	929002348402	5	50	3000	36	400	650	25000	80	220-240	Yes
MAS LEDspot VLE D 5-50W GU10 840 36D Dim	929002351102	5	50	4000	36	450	750	25000	80	220-240	Yes
MAS LEDspot VLE D 5-50W GU10 865 36D Dim	929002369602	5	50	6500	36	450	750	25000	80	220-240	Yes
MAS LED spot VLE D 6.2-80W GU10 930 36D	929002068402	6.2	80	3000	36	650	850	25000	90	220-240	Yes
MAS LED spot VLE D 6.2-80W GU10 940 36D	929002066002	6.2	80	4000	36	680	850	25000	90	220-240	Yes
MAS LED spot VLE D 6.2-80W GU10 965 36D	929002209902	6.2	80	6500	36	680	850	25000	90	220-240	Yes
MAS LED spot VLE D 650lm GU10 930 120D	929002210002	6.2	80	3000	120	650	850	25000	90	220-240	Yes
MAS LED spot VLE D 680lm GU10 940 120D	929002210102	6.2	80	4000	120	680	850	25000	90	220-240	Yes
MAS LED spot VLE D 680lm GU10 965 120D	929002210202	6.2	80	6500	120	680	850	25000	90	220-240	Yes
Essential LED 4.6-50W GU10 827 36D	929001215208	4.6	50	2700	36	395	700	15000	80	220-240	No
Essential LED 4.6-50W GU10 830 36D	929001218108	4.6	50	3000	36	410	740	15000	80	220-240	No
Essential LED 4.6-50W GU10 865 36D	929001218308	4.6	50	6500	36	430	770	15000	80	220-240	No



Master LED AR111

With its new Perfect-fit design, the Philips LED AR111 now works with most luminaries in the market as a true retrofit. The lamp creates a brilliant visual efect for retail and hospitality applications like shops, showrooms and galleries. The high quality light brings out the true colors in merchandise, including reds. Philips LED AR111 is an ideal retrofit solution for spot, track and general lighting applications in the hospitality and retail industry. The robustly designed Philips LED AR111 offers a well defined beam with a multitude of beam angles to suit various applications. This replacement lamp on 12V provides the light intensity and quality produced by traditional halogen lamps of 50W, 75W or 100W.
Applications: Retail, F&B, Hospitality, Galleries, Museums, Exhibitions, Lobbies, Corridors, Stairwells, Washrooms, Reception areas

Features

- Patented intelligent driver
- Lifetime of 25,000 to 40,000 hours
- Low energy consumption
- Clearly defined beam spread
- UV- and IR-free light for less heat and protection for heat-sensitive objects

Benefits

- Up to 80% energy savings compared to halogen lamp
- Broad compatibility with transformers
- Easy retrofit



11W-20W

Product specifications

Product Type	Product code	Lamp Wattage	Replaced Wattage	Color temp.	Beam Angle	Lumen	MBCP	Life Time	CRI	Voltage	Dimming
	12NC	W	W	K	Degree	lm	cd	Hours	Ra	V	
MAS LED ExpertColor 11-50W 927 AR111 8D	929002238408	11	50	2700	8	680	8000	40000	97	12	Yes
MAS LED ExpertColor 11-50W 930 AR111 8D	929002238508	11	50	3000	8	730	8000	40000	97	12	Yes
MAS LED ExpertColor 11-50W 927 AR111 24D	929002238608	11	50	2700	24	650	3000	40000	97	12	Yes
MAS LED ExpertColor 11-50W 930 AR111 24D	929002238708	11	50	3000	24	680	3000	40000	97	12	Yes
MAS LED ExpertColor 11-50W 927 AR111 40D	929002238808	11	50	2700	40	650	1300	40000	97	12	Yes
MAS LED ExpertColor 11-50W 930 AR111 40D	929002238908	11	50	3000	40	680	1300	40000	97	12	Yes
MAS LED ExpertColor 15-75W 927 AR111 24D	929002239008	15	75	2700	24	950	3500	40000	97	12	Yes
MAS LED ExpertColor 15-75W 930 AR111 24D	929002239108	15	75	3000	24	1000	3500	40000	97	12	Yes
MAS LED ExpertColor 15-75W 927 AR111 40D	929002239308	15	75	2700	40	950	1400	40000	97	12	Yes
MAS LED ExpertColor 15-75W 930 AR111 40D	929002239408	15	75	3000	40	1000	1400	40000	97	12	Yes
MAS LED SpotLV 20-100W 930 AR111 12D	929002239608	20	100	3000	12	1250	8000	25000	90	12	Yes
MAS LED SpotLV 20-100W 940 AR111 12D	929002239708	20	100	4000	12	1350	8000	25000	90	12	Yes
MAS LED SpotLV 20-100W 927 AR111 24D	929002239808	20	100	2700	24	1200	4000	25000	90	12	Yes
MAS LED SpotLV 20-100W 930 AR111 24D	929002239908	20	100	3000	24	1250	4000	25000	90	12	Yes
MAS LED SpotLV 20-100W 940 AR111 24D	929002240008	20	100	4000	24	1350	5000	25000	90	12	Yes
MAS LED SpotLV 20-100W 927 AR111 40D	929002240108	20	100	2700	40	1200	2000	25000	90	12	Yes
MAS LED SpotLV 20-100W 930 AR111 40D	929002240208	20	100	3000	40	1250	2000	25000	90	12	Yes
MAS LED SpotLV 20-100W 940 AR111 40D	929002240308	20	100	4000	40	1350	2200	25000	90	12	Yes

Master LED PAR & Essential LED PAR

With its robust design and warm-white beam of light, these new-generation PAR lamps are ideal for general lighting and spot lighting in the hospitality industry. Dimmable and non-dimmable models are available for your careful selection to meet various application needs. They are especially suitable for public areas such as lobbies, corridors, stairwells, where the light is always on. Compatible with existing fixtures with an E27 holder and designed for retrofit replacement of halogen or incandescent lamps, Philips Master LEDspot PAR brings you huge energy savings while minimizing maintenance costs without any reduction in brightness.
Applications: Retail, Hospitality

Features

- Lifetime of 15,000 to 25,000 hours
- Dim & Non Dimmable
- UV and IR-free, ideal for lighting heat- sensitive objects
- Free of mercury and hazardous materials

Benefits

- Up to 80% energy savings compared to halogen lamp
- Easy retrofit and compatible with existing fixtures with E27 holder
- Lower maintenance costs



Dimmable PAR20 | Dimmable PAR30S | Dimmable PAR38 | Essential PAR30S | Essential PAR38

Product specifications

Product Type	Product code	Lamp Wattage	Replaced Wattage	Color temp.	Beam Angle	Lumen	MBCP	Life Time	CRI	Voltage	Dimming
	12NC	W	W	K	Degree	lm	cd	Hours	Ra	V	
Essential LED 9-75W PAR30S 827 25D	929001389608	9	75	2700	25	850	3000	15000	80	220-240	No
Essential LED 14-120W PAR38 827 25D	929002339108	14	120	2700	25	1200	5000	15000	80	220-240	No
MAS LEDspot D 6-50W E27 827 PAR20 25D	929002338008	6	50	2700	25	520	1500	25000	80	220-240	Yes
MAS LEDspot D 12-100W E27 927 PAR30S 25D	929002030808	12	100	2700	25	1000	3000	25000	90	220-240	Yes
MAS LEDspot D 13-100W E27 927 PAR38 25D	929002339008	13	100	2700	25	1000	4000	25000	90	220-240	Yes

High Lumen PAR30L

Philips 220-240V High Lumen PAR30L integrates a leading COB LED light source and a compact high efficiency driver into a traditional CDM PAR30L form-factor. It brings out the beauty in merchandise with brighter, high performance lighting.
Applications: Retail, Hospitality

Features

- Lifetime 25,000 hours (B50, L70)
- Emits virtually no heat and will not fade colors
- Discharges virtually no UV/IR light
- Environmental friendly, RoHS compliant, contains no Mercury or other hazardous substances

Benefits

- Up to 54% energy savings compared to standard CDM lamps
- Lower initial investment for LED CDM replacement PAR30
- Easy retrofit and compatible with existing fixtures with E27 holder
- High efficiency solution >100lm/W
- Lower maintenance costs
- Safe design with over temperature protection (OTP)



20W-40W

Product specifications

Product Type	Product code	Lamp Wattage	Replaced Wattage	Color temp.	Beam Angle	Lumen	MBCP	Life Time	CRI	Voltage	Dimming
	12NC	W	W	K	Degree	lm	cd	Hours	Ra	V	
Master LED PAR30L 20W 15D 830	929001353808	20	35	3000	15	1800	18000	25000	82	220-240	No
Master LED PAR30L 20W 15D 840	929001353908	20	35	4000	15	1850	18500	25000	82	220-240	No
Master LED PAR30L 20W 30D 840	929001354108	20	35	4000	30	1850	5550	25000	82	220-240	No
Master LED PAR30L 32W 15D 830	929001354308	32	50	3000	15	3000	26000	25000	82	220-240	No
Master LED PAR30L 32W 15D 840	929001354408	32	50	4000	15	3000	27000	25000	82	220-240	No
Master LED PAR30L 32W 30D 830	929001354708	32	50	3000	30	3000	9200	25000	82	220-240	No
Master LED PAR30L 32W 30D 840	929001354808	32	50	4000	30	3000	9600	25000	82	220-240	No
Master LED PAR30L 32W 30D 857	929001354908	32	50	5700	30	3000	38500	25000	82	220-240	No
Master LED PAR30L 40W 15D 830	929001374408	40	70	3000	15	4000	42000	25000	82	220-240	No
Master LED PAR30L 40W 15D 840	929001374508	40	70	4000	15	4200	42000	25000	82	220-240	No
Master LED PAR30L 40W 30D 840	929001374908	40	70	4000	30	4600	14000	25000	82	220-240	No

LED Capsules

The LED capsules deliver a high quality light to make themselves to be a true replacement of halogen Capsule lamp. It is particularly suit for task lighting in hotel and restaurants, and ideal for decorative and ambient application.
LED capsule products deliver huge energy saving and minimize maintenance costs, without any compromise on light quality.
Applications: Retail (exhibitions, display cabinets); Hospitality/ Museums (reception areas); Residential

Features

- Easy retrofit
- Lifetime of 10,000- 15,000 hours
- UV- and IR-free light
- Free of mercury and hazardous materials – RoHS compliant

Benefits

- Up to 90% energy saving compared with halogen lamps
- Lower maintenance costs
- Broad compatibility with transformers

DOB(Drive on Board) Technology



G9_3.2W-4.8W | G9_2W | G9_3.2W | G4_1W | G4_1.8W-2.7W

Product specifications

Product Type	Product code	Cap	Lamp Wattage	Replaced Wattage	Color temp.	Lumen	MBCP	Life Time	CRI	Voltage	Dimming
	12NC		W	W	K	lm	cd	Hours	Ra	V	
CorePro LEDcapsuleLV 1-10W G4 827	929002388802	G4	1	10	2700	115	NA	15000	80	12	No
CorePro LEDcapsuleLV 1-10W G4 830	929002388902	G4	1	10	3000	120	NA	15000	80	12	No
CorePro LEDcapsuleLV 1.8-20W G4 827	929002389002	G4	1.8	20	2700	205	NA	15000	80	12	No
CorePro LEDcapsuleLV 1.8-20W G4 830	929002389102	G4	1.8	20	3000	215	NA	15000	80	12	No
CorePro LEDcapsuleLV 2.7-28W G4 827	929002389202	G4	2.7	28	2700	315	NA	15000	80	12	No
CorePro LEDcapsuleLV 2.7-28W G4 830	929002389302	G4	2.7	28	3000	330	NA	15000	80	12	No
CorePro LEDcapsuleLV 2.1-20W G4 827 D	929002389402	G4	2.1	20	2700	210	NA	15000	80	12	Yes
CorePro LEDcapsule 2-25W ND G9 827	**929002326202**	**G9**	**2**	**25**	**2700**	**210**	**NA**	**10000**	**80**	**220-240**	**No**
CorePro LEDcapsule 2-25W ND G9 830	**929002326302**	**G9**	**2**	**25**	**3000**	**220**	**NA**	**10000**	**80**	**220-240**	**No**
NEW **CorePro LEDcapsule 3.2-40W ND G9 827**	**929002495502**	**G9**	**3.2**	**40**	**2700**	**380**	**NA**	**10000**	**80**	**220-240**	**No**
CorePro LEDcapsule 3.2-40W ND G9 830	**929002495602**	**G9**	**3.2**	**40**	**3000**	**400**	**NA**	**10000**	**80**	**220-240**	**No**
CorePro LEDcapsuleMV 2.6-25W G9 827 D	929002389902	G9	2.6	25	2700	300	NA	15000	80	220-240	Yes
CorePro LEDcapsule ND 4.8-60W G9 827	929002055102	G9	4.8	60	2700	570	NA	15000	80	220-240	No
CorePro LEDcapsule ND 4.8-60W G9 830	929002059802	G9	4.8	55	3000	570	NA	15000	80	220-240	No

LED Tube

Master LEDtube T8

The Philips Master LEDtube cleverly integrates LED light sources into a traditional fluorescent form factor. Its unique design creates a perfectly familiar and uniform visual appearance which cannot be distinguished from its traditional fluorescent equivalent. For volume usage, and wide-scale applications, the Master LEDtube is great value-for-money, actualizing your projects within limited budgets and easy re-lamping works can be done to achieve better light effects and lifetime.
Appiications: Retail, industry, Offices, schools, Hospitals, indoor public spaces, Parking lots, covered car parks, Warehouses, cold-rooms, signages, Transport and distribution areas

Features

- Fit-and-forget LED tube, a direct replacement for T8 fluorescent tube
- Energy consumption >50% lower than fluorescent tubes
- Lifetime up to 70,000hours: 2-3 times longer than fluorescent lamps
- Full safety features and EM Protector safety device; completely safe installation process
- No mercury

Benefits

- Reduced operational costs due to lower need for maintenance
- Energy savings and a long life time
- Fastest and easiest way to upgrade existing luminaire to LED technology without a need for re-wiring
- Comfort to the eye, and minimal heat



Product specifications

Product Type	Product code	Lumen	Wattage	Voltage	Color Temp.	Beam Angle	CRI	Power Factor	Lifetime	Frequency	Dimming
	12NC	lm	W	V	K	°	Ra	Pf	Hours	Hz	
MAS LEDtube 600mm HO 8W865 T8	929001299708	1050	8	220-240	6500	160	83	>0.9	50000	50/60	No
MAS LEDtube 600mm HO 8W840 T8	929001299608	1050	8	220-240	4000	160	83	>0.9	50000	50/60	No
MAS LEDtube 600mm HO 8W830 T8	929001299508	1000	8	220-240	3000	160	83	>0.9	50000	50/60	No
MAS LEDtube 1200mm HO 14W865 T8	929001299408	2100	14	220-240	6500	160	83	>0.9	50000	50/60	No
MAS LEDtube 1200mm HO 14W840 T8	929001299308	2100	14	220-240	4000	160	83	>0.9	50000	50/60	No
MAS LEDtube 1200mm HO 14W830 T8	929001299208	2000	14	220-240	3000	160	83	>0.9	50000	50/60	No
MAS LEDtube VLE 600mm HO 8W 830 T8	**929003069808**	**1000**	**8**	**220-240**	**3000**	**240**	**83**	**>0.9**	**50000**	**50/60**	**No**
MAS LEDtube VLE 600mm HO 8W 840 T8	**929003069908**	**1050**	**8**	**220-240**	**4000**	**240**	**83**	**>0.9**	**50000**	**50/60**	**No**
NEW MAS LEDtube VLE 600mm HO 8W 865 T8	**929003070008**	**1050**	**8**	**220-240**	**6500**	**240**	**83**	**>0.9**	**50000**	**50/60**	**No**
MAS LEDtube VLE 1200mm HO 14W830 T8	**929003070108**	**2000**	**14**	**220-240**	**3000**	**240**	**83**	**>0.9**	**50000**	**50/60**	**No**
MAS LEDtube VLE 1200mm HO 14W840 T8	**929003070208**	**2100**	**14**	**220-240**	**4000**	**240**	**83**	**>0.9**	**50000**	**50/60**	**No**
MAS LEDtube VLE 1200mm HO 14W865 T8	**929003070308**	**2100**	**14**	**220-240**	**6500**	**240**	**83**	**>0.9**	**50000**	**50/60**	**No**
MAS LEDtube STD 1200mm 10.5W865 T8 I	929001297708	1600	10.5	220-240	6500	160	83	>0.9	50000	50/60	No
MAS LEDtube STD 1200mm 10.5W840 T8 I	929001297608	1600	10.5	220-240	4000	160	83	>0.9	50000	50/60	No
MAS LEDtube 1200mm UO 14.7W 830 T8	929002998202	2300	14.7	220-240	3000	160	80	>0.9	70000	50/60	No
MAS LEDtube 1200mm UO 14.7W 840 T8	929002998302	2500	14.7	220-240	4000	160	80	>0.9	70000	50/60	No
MAS LEDtube 1200mm UO 14.7W 865 T8	929002998402	2500	14.7	220-240	6500	160	80	>0.9	70000	50/60	No
MAS LEDtube 1500mm UO 21.7W 830 T8	929002998502	3400	21.7	220-240	3000	160	80	>0.9	70000	50/60	No
MAS LEDtube 1500mm UO 21.7W 840 T8	929002998602	3700	21.7	220-240	4000	160	80	>0.9	70000	50/60	No
MAS LEDtube 1500mm UO 21.7W 865 T8	929002998702	3700	21.7	220-240	6500	160	80	>0.9	70000	50/60	No
MAS LEDtube 1200mm UE 13.5W 840 T8	929003067002	2500	13.5	220-240	4000	160	80	>0.9	70000	50/60	No
MAS LEDtube 1200mm UE 13.5W 865 T8	929003067102	2500	13.5	220-240	6500	160	80	>0.9	70000	50/60	No
MAS LEDtube 1500mm UE 20W 840 T8	929003067202	3700	20	220-240	4000	160	80	>0.9	70000	50/60	No
MAS LEDtube 1500mm UE 20W 865 T8	929003067302	3700	20	220-240	6500	160	80	>0.9	70000	50/60	No

CorePro LEDtube T8

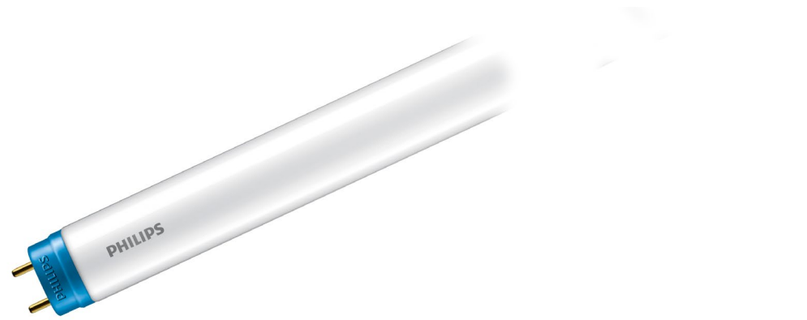
Philips CorePro LEDtube is an affordable LED tube suitable for T8 fluorescent replacements. The product delivers a natural lighting effect that is needed across a wide range of general lighting applications. It also brings instant energy savings and cost savings, when applied to projects of substantial scale, making this a much more environmentally-friendly and superior solution to replace fluorescents.
Applictions: Retail, offices, Industry, warehouses, public places, Schools, hospitals, car parks

Features

- Affordable LED replacement for T8 fluorescent tubes
- Energy consumption >50% lower than fluorescent tubes
- 30,000 hours lifetime, twice the length of normal fluorescents
- No mercury

Benefits

- Reduced electricity costs thanks to significant energy savings
- Longer lifetime equates to reduced maintenance costs
- A better choice for the environment
- Comfort to the eye, and minimal heat



Product specifications

Product Type	Product code	Lumen	Wattage	Voltage	Color Temp.	Beam Angle	CRI	Power Factor	Lifetime	Frequency	Dimming
	12NC	lm	W	V	K	°	Ra	Pf	Hours	Hz	
CorePro LEDtube 600mm 8W840 T8 AP I	929001338608	800	8	220-240	4000	240	80	>0.9	30,000	50/60	No
CorePro LEDtube 600mm 8W865 T8 AP I	929001338708	800	8	220-240	6500	240	80	>0.9	30,000	50/60	No
CorePro LEDtube 1200mm 14.5W840 T8AP I	929001338808	1600	14.5	220-240	4000	240	80	>0.9	30,000	50/60	No
CorePro LEDtube 1200mm 14.5W865 T8AP I	929001338908	1600	14.5	220-240	6500	240	80	>0.9	30,000	50/60	No
CorePro LEDtube 1500mm 20W840 T8AP I	929001337908	2200	20	220-240	4000	240	80	>0.9	30,000	50/60	No
CorePro LEDtube 1500mm 20W865 T8AP I	929001338008	2200	20	220-240	6500	240	80	>0.9	30,000	50/60	No
Corepro LEDtube HO 1200mm 18W840T8 AP	929001383408	2100	18	220-240	4000	240	80	>0.9	30,000	50/60	No
CorePro LEDtube HO 1200mm 18W865T8 AP	929001383508	2100	18	220-240	6500	240	80	>0.9	30,000	50/60	No

CorePro LEDtube T5 Mains

Philips CorePro LEDtube T5 is a reliable value-for-money LED lamp out of Philips Lighting portfolio, incorporated with frontier LED chips and other advanced technologies. The product helps customers to achieve up to 50% energy savings and significant maintenance cost reduction by comparing to fluorescent lamps. It also helps generate natural and comfortable lighting effect, and to build up green and environmental friendly image for our customers.
Appilications: Retail, Offices, Industry, Warehouses, Public places, Schools, Hospitals, Car parks

Features

- Protection circuit inside ensuring people's safety in case of mis-use, complying with IEC safety requirements
- Advanced optical design ensures a uniform light output and superio optical efficiency

Benefits

- Reliable operation between -20°C to 45°C ambient temperature
- 50,000 switching cycles
- Energy savings up to 40%



Product specifications

Product Type	Product code	Lumen	Wattage	Voltage	Color Temp.	Beam Angle	CRI	Power Factor	Lifetime	Frequency	Dimming
	12NC	lm	W	V	K	°	Ra	Pf	Hours	Hz	
CorePro LEDtube 600mm 8W830 G5 I APR	929001380608	1000	8	100-240	3000	240	80	>0.9	30,000	50/60	No
CorePro LEDtube 600mm 8W840 G5 I APR	929001380708	1050	8	100-240	4000	240	80	>0.9	30,000	50/60	No
CorePro LEDtube 600mm 8W865 G5 I APR	929001380808	1050	8	100-240	6500	240	80	>0.9	30,000	50/60	No
CorePro LEDtube 1200mm 16W830 G5 I APR	929001380908	2000	16	100-240	3000	240	80	>0.9	30,000	50/60	No
CorePro LEDtube 1200mm 16W840 G5 I APR	929001381008	2100	16	100-240	4000	240	80	>0.9	30,000	50/60	No
CorePro LEDtube 1200mm 16W865 G5 I APR	929001381108	2100	16	100-240	6500	240	80	>0.9	30,000	50/60	No





LED HID

TrueForce LED Road

Philips TrueForce LED road lamps offer an easy and short payback LED solution to replace High Intensity Discharge (HID) lamps. The products bring the energy efficiency and long lifetime benefits of LED to HID replacement and provide instant saving and low initial investment. With the right lamp size and light distribution, you can easily retrofit TrueForce LED road lamps into the existing systems without changing the luminaire's ballast or reflector while enhancing the lighting quality.
Applications: Public urban - streets, parks, squares; Public road/area - streets, area

Features

- High energy efficiency
- Lifetime 50,000hrs
- Right lamp size and lighting distribution for direct retrofit
- Direct LED replacement solution without changing the luminaire
- Pleasant white light with CRI 70 Benefits

Benefits

- Cost saving with short payback time
- Low initial investment
- Enhance lighting quality with easy adoption



35W-68W

Product specifications

	Product code	Lamp Wattage	Replaced Wattage	Colour Temp.	Beam Angle	Lumen	Life time	CRI	Voltage	Dimming
	12NC	W	W	K	°	lm	Hours	Ra	V	
TForce LED Road 35W E27 730 MV	929002221708	35	55	3000	360	5500	50000	70	100-277	No
TForce LED Road 35W E27 740 MV	929002068508	35	60	4000	360	6000	50000	70	100-277	No
TForce LED Road 35W E27 765 MV	929002068608	35	60	6500	360	6000	50000	70	100-277	No
TForce LED Road 55W E40 730 MV	929002221608	55	84	3000	360	8400	50000	70	100-277	No
TForce LED Road 55W E40 740 MV	929002068708	55	90	4000	360	9000	50000	70	100-277	No
TForce LED Road 55W E40 765 MV	929002068808	55	90	6500	360	9000	50000	70	100-277	No
TForce LED Road 68W E40 730 MV	929002277608	68	150	3000	360	11200	50000	70	120~277	No
TForce LED Road 68W E40 740 MV	929002277708	68	150	4000	360	12000	50000	70	120~277	No
TForce LED Road 68W E40 765 MV	929002277808	68	150	6500	360	12000	50000	70	120~277	No

TrueForce Core LED Road SON-T

The new Philips TrueForce Core LED can fit into the standard E27/E40 fixture and replicate a similar light effect to conventional street lighting. Philips TrueForce Core LED Road reduces the time needed to maintain, replace and fit each street light, including the knock-on time required for road closures. In addition, its longer lifespan of more than five years plus energy savings of up to 63% compared to conventional HID help save on running costs.
Applications: outdoor – street lighting

Features

- Omni-directional light source to compatible with the original reector and generate similar bat-wing light distrobution
- High energy eciency up to 187lm/W
- Pleasant white light with CRI 70

Benefits

- Energy saving up to 63%
- Easy to install, retrot EM/mains solution, save installation cost
- Lower maintenance cost, 25000 hrs lifetime



17W-40W

Product specifications

	Product code	Lumen	Wattage	Voltage	Color temp.	CRI	Lamp Socket	Lifetime	Dim-ming
	12NC	lm	W	V	K	Ra		Hours	
TF Core LED road 17W 730 E27 MV	929002484802	2800	17	220-240	3000	70	E27	25000	No
TF Core LED road 17W 740 E27 MV	929002484902	3000	17	220-240	4000	70	E27	25000	No
TF Core LED road 26W 730 E27 MV	929002485002	4200	26	220-240	3000	70	E27	25000	No
TF Core LED road 26W 740 E27 MV	929002485102	4500	26	220-240	4000	70	E27	25000	No
TF Core LED road 40W 730 E40 MV	929002485202	7200	40	220-240	3000	70	E40	25000	No
TF Core LED road 40W 740 E40 MV	929002485302	7500	40	220-240	4000	70	E40	25000	No

TrueForce LED Public

Philips TrueForce LED Public lamps provide an easy LED solution with a fast payback to replace High-Intensity Discharge (HID) lamps. These lamps bring the energy efficiency and long lifetime benefits of LED to HID replacement, with a low initial investment delivering instant savings. With the right lamp size and light distribution, customers can easily retrofit TrueForce LED lamps into their existing system, thereby enhancing the light quality without having to change the fixtures or sacrifice the light effect.
Applications: Public Urban - Streets, Parks, Squares; Public Road/Area -Streets, Area

Features

- High energy efficiency
- Long lifetime 50,000hrs
- Same/right lamp size and lighting distribution for direct retrofit
- 2 beam angles selection
- Pleasant white light with CRI 80

Benefits

- Cost saving with short payback time
- Low initial investment
- Enhance lighting quality with easy adoption



21W-42W

Product specifications

	Product code	Lumen	Wattage	Voltage	Color temp.	CRI	Lamp Socket	Lifetime	Fre-quency	Dim-ming
	12NC	lm	W	V	K	Ra		Hours	Hz	
TForce LED HPL ND 28-21W E27 830	929002006102	2850	21	220-240	3000	80	E27	50000	50/60	No
TForce LED HPL ND 30-21W E27 840	929002006202	3000	21	220-240	4000	80	E27	50000	50/60	No
TForce LED HPL ND 38-28W E27 830	929002006302	3800	28	220-240	3000	80	E27	50000	50/60	No
TForce LED HPL ND 40-28W E27 840	929002006402	4000	28	220-240	4000	80	E27	50000	50/60	No
TForce LED HPL ND 57-42W E27 830	929002006502	5700	42	220-240	3000	80	E27	50000	50/60	No
TForce LED HPL ND 60-42W E27 840	929002006602	6000	42	220-240	4000	80	E27	50000	50/60	No
TForce LED HPL ND 57-42W E40 830	929002006702	5700	42	220-240	3000	80	E40	50000	50/60	No
TForce LED HPL ND 60-42W E40 840	929002006802	6000	42	220-240	4000	80	E40	50000	50/60	No

TrueForce Core LED HPI

The new Philips Trueforce Core LED HPL lamps offer you an easy, short-payback LED solution to replace High Intensity Discharge (HID) lamps.This new generation of products brings all the energy-efficiency and long-lifetime benefits of LED to HID replacement, while providing instant saving with a low initial investment. Furthermore, they're designed to have the same lamp size and light distribution as other HID lamps, so you will never know the difference. All thanks to our High-Power LED filament technology.Plus, its unique IP65 design means it can be used for outdoor applications as well as indoors.
Applications: Public urban - streets, parks, squares; Public road - streets, public area; Industrial buildings & warehouses

Features

- High-power LED filament technology
- Frosted glass finish, uniform light distribution
- Compact size
- IP65 design
- 2KV surge protection

Benefits

- Similar look & feel as conventional HID SON/HPL lamps
- Perfect fit in HID luminaires on existing EM ballast or mains connection
- IP65 design suitable for indoor and outdoor applications



13W-36W

Product specifications

NEW

Product type	Product code	Lumen	Wattage	Colour Temp.	Beam Angle	Voltage	Cap	Lifetime	CRI	Dimming
	12NC	lm	W	K	°	V		Hours	Ra	
TForce Core LED HPL 13W E27 830 FR	**929002281608**	**2000**	**13**	**3000**	**300**	**220-240**	**E27**	**25000**	**80**	**No**
TForce Core LED HPL 13W E27 840 FR	**929002281708**	**2000**	**13**	**4000**	**300**	**220-240**	**E27**	**25000**	**80**	**No**
TForce Core LED HPL 18W E27 830 FR	**929002281808**	**3000**	**18**	**3000**	**300**	**220-240**	**E27**	**25000**	**80**	**No**
TForce Core LED HPL 18W E27 840 FR	**929002281908**	**3000**	**18**	**4000**	**300**	**220-240**	**E27**	**25000**	**80**	**No**
TForce Core LED HPL 26W E27 830 FR	**929002282108**	**4000**	**26**	**3000**	**300**	**220-240**	**E27**	**25000**	**80**	**No**
TForce Core LED HPL 26W E27 840 FR	**929002281608**	**4000**	**26**	**4000**	**300**	**220-240**	**E27**	**25000**	**80**	**No**
TForce Core LED HPL 36W E27 830 FR	**929002281708**	**5500**	**36**	**3000**	**300**	**220-240**	**E27**	**25000**	**80**	**No**
TForce Core LED HPL 36W E27 840 FR	**929002281808**	**6000**	**36**	**4000**	**300**	**220-240**	**E27**	**25000**	**80**	**No**
TForce Core LED HPL 36W E40 830 FR	**929002281908**	**5500**	**36**	**3000**	**300**	**220-240**	**E40**	**25000**	**80**	**No**
TForce Core LED HPL 36W E40 840 FR	**929002282108**	**6000**	**36**	**4000**	**300**	**220-240**	**E40**	**25000**	**80**	**No**

TrueForce LED HighBay

Philips TrueForce LED Industrial and Retail (Highbay – HPI/SON/HPL) lamps give you a quick and easy payback solution to replace HID lamps in Highbay application. The solution gives you the LED benefits of energy-efficiency and long-lifetime, plus they come for a low initial investment. Lamp design allows retrofit HID lamps with TrueForce LED lamps with no gear loss and high power factor. Multiple beam angle options and high colour rendering index enhance the lighting distribution while creating a comfortable, safe and high productivity environment.
Applications: Industrial - Factories, Warehouses, Distribution centres; Retail - Hyper markets, Shopping malls; Others - Transportation hubs, Convention centres, Sports halls

Features

- High energy efficiency with directional light and no gear loss
- Long lifetime 25,000hrs
- Direct lamp replacement solution with high power factor
- 2 beam angles selection
- Pleasant white light with CRI 80

Benefits

- Cost saving with quick payback
- Easy adoption
- Low initial investment





Product specifications

Product type	Product code	Lamp Wattage	Replaced Wattage	Colour Temp.	Beam Angle	Lumen	Life time	CRI	Voltage	Dimming
	12NC	W	W	K	°	lm	Hours	Ra	V	
TForce HB 140W E40 840 NB	929002281608	140	400	4000	60	20000	50000	80	120-277	No
TForce HB 140W E40 840 WB	929002281708	140	400	4000	120	20000	50000	80	120-277	No
TForce HB 140W E40 865 NB	929002281808	140	400	6500	60	20000	50000	80	120-277	No
TForce HB 140W E40 865 WB	929002281908	140	400	6500	120	20000	50000	80	120-277	No
TForce HB 160W E40 865 WB Sensor	929002282108	160	600	6500	120	25000	80000*	80	120-277	No

LED Candle and Lustre

Master LEDcandle DimTone

Specially developed for chandeliers, we've upgraded our Master LEDcandle lamps to enhance the decorative and aesthetic appeal of luminaires – whether they are switched on or off. The new candles incorporate a revolutionary new shaped lens that allows the optics to radiate brilliant, clear and sparkling white LED light. The improved light quality provides consistent colour from every angle – even when dimmed in the most intimate of ambiences. What's more, the new ivory lamp colour is the perfect match for existing luminaires. The classic slender shape when used in multiple quantities will ensure the whole luminaire lights up brilliantly.
Applications: Hotels, Restaurants, Bars, Cafés, Wall scone or modern luminaire

Features

- With DimTone technology
- Revolutionary new lens design
- Lifetime of 25,000 hours
- IRetrofittable with existing E14 or B22 sockets
- Available in 25 W and 40 W

Benefits

- Sparkling white LED light
- Low energy consumption
- Dimmable, saving more energy



B38_E14 BA38_E14 B38_B22 B38_B15 B38_E27 B40_E14

Product specifications

Product type	Product code	Cap	Bulb Shape	Lamp Wattage	Replaced Wattage	Color Temp.	Lumen	Life time	CRI	Dimming
	12NC			W	W	K	lm	Hours	Ra	
MAS LEDcandle DT 2.8-25W E14 B38 CL	929002490402	E14	B38	2.8	25	2200-2700	250	25000	80	Yes
MAS LEDcandle DT 2.8-25W E14 BA38 CL	929002490602	E14	BA38	2.8	25	2200-2700	250	25000	80	Yes
MAS LEDcandle DT 2.8-25W B22 B38 CL	929002490502	B22	B38	2.8	25	2200-2700	250	25000	80	Yes
MAS LEDcandle DT 5.5-40W B15 B38 CL	929002490902	B15	B38	5.5	40	2200-2700	470	25000	80	Yes
MAS LEDcandle DT 5.5-40W E14 B38 CL	929002491002	E14	B38	5.5	40	2200-2700	470	25000	80	Yes
MAS LEDcandle DT 5.5-40W E14 BA38 CL	929002491302	E14	BA38	5.5	40	2200-2700	470	25000	80	Yes
MAS LEDcandle DT 5.5-40W B22 B38 CL	929002491102	B22	B38	5.5	40	2200-2700	470	25000	80	Yes
MAS LEDcandle DT 5.5-40W E27 B38 CL	929002491202	E27	B38	5.5	40	2200-2700	470	25000	80	Yes
MAS LEDcandle DT 8-60W B40 E14 827 CL	929002491702	E14	B40	8	60	2200-2700	806	25000	80	Yes

Master LEDlustre DimTone

A new shape developed for chandeliers or open luminaires, the LEDlustre DimTone range gives off light all around due to its clear bulb head, enhancing the decorative appeal of all luminaires. The creatively shaped lens allow the optics to radiat brilliant, clear and sparkling white LED light that yet releases minimal heat. The improved light quality is beautiful, suitable for a variety of luminaires and open cords used often in hotels, F&B chains and in retail.
Applictaions: Hotels, Restaurants, Bars, Cafés, Chandelier, Open luminaire/glass luminaire

Features

- With DimTone technology
- Revolutionary new lens design
- Lifetime of 25,000 hours
- Retrofittable with existing E14 and E27 holders
- Available in 25 W and 40 W

Benefits

- Sparkling white LED light
- Low energy consumption
- Dimmable, saving more energy



P48_E14 P48_E27 P48_B22 P50_E14

Product specifications

Product type	Product code	Cap	Bulb Shape	Lamp Wattage	Replaced Wattage	Color Temp.	Lumen	Life time	CRI	Dimming
	12NC			W	W	K	lm	Hours	Ra	
MAS LEDlustre DT 2.8-25W E14 P48 CL	929002490702	E14	P48	2.8	25	2200-2700	250	25000	80	Yes
MAS LEDlustre DT 2.8-25W E27 P48 CL	929002490802	E27	P48	2.8	25	2200-2700	250	25000	80	Yes
MAS LEDlustre DT 5.5-40W E14 P48 CL	929002491402	E14	P48	5.5	40	2200-2700	470	25000	80	Yes
MAS LEDlustre DT 5.5-40W E27 P48 CL	929002491602	E27	P48	5.5	40	2200-2700	470	25000	80	Yes
MAS LEDlustre DT 5.5-40W B22 P48 CL	929002491502	B22	P48	5.5	40	2200-2700	470	25000	80	Yes
MAS LEDlustre DT 8-60W P50 E14 827 CL	929002491802	E14	P50	8	60	2200-2700	806	25000	80	Yes

LED Bulb

MyCare LED Bulb

Our Philips signature entry-level LED bulb provides an instant-on, retrofit lighting solution, perfect for use in large volumes across multiple application areas. It delivers energy savings, reduces the need for regular bulb replacement, without compromising on the quality of your warm or white light. Available in E27 lamp base, and two color temperatures. Comfortable to the eye with minimal glare.
Applications: Shops, Hotels, Restaurants, Bars, Cafés, Galleries, Museums, Exhibitions, Lobbies, Corridors, Stairwells, Wash rooms, Reception areas

Features

- Instant start
- Simple replacement with existing sockets and fixtures
- Manufactured without any hazardous materials, making them a safe and sustainable choice
- Interlaced optic
- CRI90

Benefits

- Minimal heat, and comfort to the eye
- No UV and IR, safe for fabric and light sensitive materials
- Easy retrofit
- Long lifetime of up to 15 years, reducing the need for maintenance

EyeComfort





Entry range LED bulb

Product specifications

Product type	Product code	Cap	Bulb Shape	Lamp Wattage	Replaced Wattage	Color Temp.	Lumen	Life time	CRI	Dimming
	12NC			W	W	K	lm	Hours	Ra	
LEDBulb 4W E27 4000K 230V 1PF/12 9	929003005907	E27	A60S	4	45 (45W GLS, 8W CFLi)	4000	420	15000	90	No
LEDBulb 6W E27 4000K 230V 1PF/12 9	929003006507	E27	A60S	6	55 (55W GLS, 10W CFLi)	4000	580	15000	90	No
LEDBulb 8W E27 4000K 230V 1PF/12 9	929003007107	E27	A60S	8	68 (68W GLS, 13W CFL)	4000	770	15000	90	No
LEDBulb 10W E27 4000K 230V 1PF/12 9	929003007707	E27	A60M	10	83 (83W GLS, 16W CFLi)	4000	1020	15000	90	No
LEDBulb 12W E27 4000K 230V 1PF/12 9	929003008307	E27	A60M	12	98 (98W GLS, 22W CFLi)	4000	1360	15000	90	No
LEDBulb 4W E27 3000K 230V 1CT/12 9	929003005737	E27	A60S	4	45 (45W GLS, 8W CFLi)	3000	420	15000	90	No
LEDBulb 4W E27 6500K 230V 1CT/12 9	929003006137	E27	A60S	4	45 (45W GLS, 8W CFLi)	6500	420	15000	90	No
LEDBulb 6W E27 3000K 230V 1CT/12 9	929003006337	E27	A60S	6	55 (55W GLS, 10W CFLi)	3000	560	15000	90	No
LEDBulb 6W E27 6500K 230V 1CT/12 9	929003006737	E27	A60S	6	55 (55W GLS, 10W CFLi)	6500	580	15000	90	No
LEDBulb 8W E27 3000K 230V 1CT/12 9	929003006937	E27	A60S	8	68 (68W GLS, 13W CFL)	3000	770	15000	90	No
LEDBulb 8W E27 6500K 230V 1CT/12 9	929003007337	E27	A60S	8	68 (68W GLS, 13W CFL)	6500	770	15000	90	No
LEDBulb 10W E27 3000K 230V 1CT/12 9	929003007537	E27	A60M	10	83 (83W GLS, 16W CFLi)	3000	1020	15000	90	No
LEDBulb 10W E27 6500K 230V 1CT/12 9	929003007937	E27	A60M	10	83 (83W GLS, 16W CFLi)	6500	1020	15000	90	No
LEDBulb 12W E27 3000K 230V 1CT/12 9	929003008137	E27	A60M	12	98 (98W GLS, 22W CFLi)	3000	1360	15000	90	No
LEDBulb 12W E27 6500K 230V 1CT/12 9	929003008537	E27	A60M	12	98 (98W GLS, 22W CFLi)	6500	1360	15000	90	No

MyMoment LEDBulb Dimmable

Dimmable LED bulbs that meet the high standard for light experience. It is an idea product to provide customers long-lasting cozy atmosphere.
Applications: Domestic application, Hospitality: restaurants and hotels

Features

- Perfet fit and high dimming quality
- Super high color rendering (CRI>90)
- Enviromentally friendly: contains no mercury or other hazardous sustances

Benefits

- Easy replacement of conventional lamps
- Energy saving
- Very long lifetime that reduces the need for replacement





Product specifications

Product type	Product code	Cap	Bulb Shape	Lamp Wattage	Replaced Wattage	Color Temp.	Lumen	Life time	CRI	Dimming
	12NC			W	W	K	lm	Hours	Ra	
LEDBulb 8.5-60W E27 2700K D 1PF/6	929002069119	E27	A60	8.5	60	2700	806	15000	90	No
LEDBulb 8.5-60W B22 2700K D 1PF/6	929002069219	B22	A60	8.5	60	2700	806	15000	90	No
LEDBulb 10.5-75W E27 2700K D 1PF/6	929002069319	E27	A60M	10.5	75	2700	1055	15000	90	No
LEDBulb 10.5-75W B22 2700K D 1PF/6	929002069419	B22	A60M	10.5	75	2700	1055	15000	90	No
LEDBulb 13-100W E27 2700K D 1PF/6	929002069519	E27	A60M	13	100	2700	1521	15000	90	No
LEDBulb 13-100W B22 2700K D 1PF/6	929002069619	B22	A60M	13	100	2700	1521	15000	90	No

MyCare LEDStick

MyCare LEDStick deliver high quality light in a compact design ideal for downlights and slim luminaire applications. The compact and bright light makes it ideal for general lighting applications in the retail and hospitality industry by offering their guests a differentiating ambiance and unique experience in public areas.
Applications: Elite shops, Corridors, Stairways, Washrooms, Lobby, Reception areas, Hotel rooms, Bars, Home

Features

- All around illumination
- Up to 70% less glare*
- No visible flickering
- Eye safety of lamps compliance**

Benefits

- Over 85% energy savings
- Last up to 15 years
- Environmental friendly, no Mercury
- Low Carbon Footprint

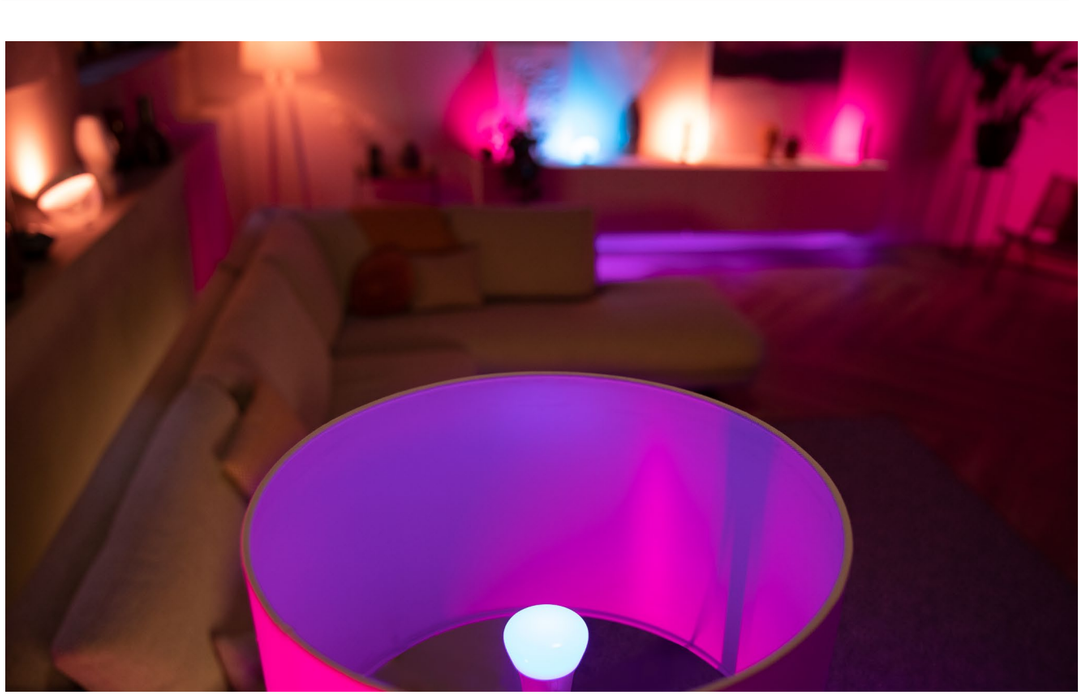


Product specifications

Product type	Product code	Cap	Wattage	Voltage	Colour Temp.	Beam angle	CRI	Power factor	Lifetime	Frequency	Dimming
	12NC		W	V	K	°	Ra	Pf	Hours	Hz	
DLStick 5.5W E14 3000K 1PF/12 APR	929001900607	600lm	5.5	220-240	3000	360	80	>0.5	15000	50/60Hz	No
DLStick 5.5W E14 4000K 1PF/12 APR	929001900707	600lm	5.5	220-240	4000	360	80	>0.5	15000	50/60Hz	No
DLStick 5.5W E14 6500K 1PF/12 APR	929001900807	600lm	5.5	220-240	6500	360	80	>0.5	15000	50/60Hz	No
DLStick 5.5W E27 3000K 1PF/12 APR	929001900907	600lm	5.5	220-240	3000	360	80	>0.5	15000	50/60Hz	No
DLStick 5.5W E27 4000K 1PF/12 APR	929001901007	600lm	5.5	220-240	4000	360	80	>0.5	15000	50/60Hz	No
DLStick 5.5W E27 6500K 1PF/12 APR	929001902207	600lm	5.5	220-240	6500	360	80	>0.5	15000	50/60Hz	No
DLStick 7.5W E27 4000K 1PF/12 APR	929001901207	806lm	7.5	220-240	4000	360	80	>0.5	15000	50/60Hz	No
DLStick 7.5W E27 3000K 1PF/12 APR	929001901107	806lm	7.5	220-240	3000	360	80	>0.5	15000	50/60Hz	No
DLStick 7.5W E27 6500K 1PF/12 APR	929001901307	806lm	7.5	220-240	6500	360	80	>0.5	15000	50/60Hz	No
DLStick 9.5W E27 4000K 1PF/12 APR	929001901507	1055lm	9.5	220-240	4000	360	80	>0.5	15000	50/60Hz	No
DLStick 9.5W E27 3000K 1PF/12 APR	929001901407	1055lm	9.5	220-240	3000	360	80	>0.5	15000	50/60Hz	No
DLStick 9.5W E27 6500K 1PF/12 APR	929001901607	1055lm	9.5	220-240	6500	360	80	>0.5	15000	50/60Hz	No
DLStick 11W E27 3000K 1PF/12 APR	929001950507	1400lm	11	220-240	3000	360	80	>0.5	15000	50/60Hz	No
DLStick 11W E27 6500K 1PF/12 APR	929001950607	1400lm	11	220-240	6500	360	80	>0.5	15000	50/60Hz	No

* Comparing the bulb surface brightness between Philips LEDstick and CFLi Genie.
** Compliance with IEC62471 photobiological safety of lamps and lamps systems.





Scene Switch LED Bulb

The Scene Switch bulb is a revolutionary bulb that truly surprises by giving out not one but two color temperatures within a single E27 bulb form. It allows spaces to be personalized for ease and comfort by using the existing wall switch with no need of re-wiring, to simply toggle the light color from warm white at 3000K to cool daylight at 6500K at your finger tips. The result is a uniformly lit bulb that delivers glare-free light that is easy on the eyes. A hassle-free retrofit that turns on instantly, adding flexibility and more value to any luminaire with an E27 base.
Applications: Homes, Offices and Cafés, Hotel guest rooms, Spa, Modern or classical luminaires, Wall sconces, open fixtures

Features

- Retrofit bulb with an E27 base
- 806 lumen, CCT 3000K/6500K
- CRI 80
- Lifetime 15000 hours

Benefits

- Warm white and cool day light, switchable instantly
- Unique bulb shape that gives light all around
- No hazardous material
- Versatile for all spaces



Product specifications

Product type	Product code	Cap	Bulb Shape	Lamp Wattage	Replaced Wattage	Color Temp.	Lumen	Life time	CRI	Dimming
	12NC			W	W	K	lm	Hours	Ra	
LED SSW A60 8-70W E27 WH-CDL 1PF/12	929001906128	E27	A60M	8	70	6500/3000	880	15000	80	No
LED SSW A60 3S 7.5-70W E27 WH 1PF/12	929001906428	E27	A60M	7.5-3-1.2	70	3000	806-380-140	15000	80	No
LED SSW A60 3S 7.5-70W E27 CDL 1PF/12	929001906728	E27	A60M	7.5-2.5-1	70	6500	806-380-140	15000	80	No

High Lumen LED Bulb

High Lumen LED Bulb in indoor application, even designed for a wide range of applications including damp areas. Under 220-240V, the product can deliver the best performance. And even under 90V, the bulb can be lit up, which makes it work in some unstable line voltage. LEDbulb offers up to 89% energy saving when replacing GLS and 50% when replacing a CFLi. It also has a longer lifetime of 15,000 hours (equivalent to 15years if lit 2.7 hours per day across 365 days) conditions.
Applications: Logic center, Factor, Car parking, Convenience store, Public space, Garden lighting, Wet market

Features

- Form factor is designed as a direct retrofit into high lumen LED bulbs at A75, A95, A110 and A125 shape
- Rugged plastic design

Benefits

- Long lifetime of 15,000 hours (F50L70)
- Up to 89% energy savings when replacing a GLS (50% when replacing a CFLi)
- Designed for a wide range of applications including damp areas
- Lit up under 90V line voltage. And best performance is delivered under 220V-240V



A67_E27



A67_B22



A80_B22



A80_E27

Product specifications

Product type	Product code	Cap	Lamp Wattage	Replaced Wattage	Color Temp.	CRI	Lumen	Life time	CRI	Dimming
	12NC	lm	W	W	K	Ra	lm	Hours	Ra	
LEDBulb 19W B22 6500K 230VA80 1CT/6APR	929002004749	B22	A80	19	160(160W for Incandescent;35W CFL)	6500	2300	12000	80	No
LEDBulb 19W B22 3000K 230VA80 1CT/6APR	929002004649	B22	A80	19	155(155W for Incandescent;35W CFL)	3000	2150	12000	80	No
LEDBulb 14.5W B22 6500K 230VA67 1CT/6APR	929002004549	B22	A67	14.5	120(120W for Incandescent;27W CFL)	6500	1800	12000	80	No
LEDBulb 14.5W B22 3000K 230VA67 1CT/6APR	929002004449	B22	A67	14.5	120(120W for Incandescent;27W CFL)	3000	1650	12000	80	No
LEDBulb 19W E27 6500K 230VA80 1CT/6APR	929002004149	E27	A80	19	160(160W for Incandescent;35W CFL)	6500	2300	12000	80	No
LEDBulb 19W E27 3000K 230VA80 1CT/6APR	929002004049	E27	A80	19	155(155W for Incandescent;35W CFL)	3000	2150	12000	80	No
LEDBulb 14.5W E27 6500K 230VA67 1CT/6APR	929002003949	E27	A67	14.5	120(120W for Incandescent;27W CFL)	6500	1800	12000	80	No
LEDBulb 14.5W E27 3000K 230VA67 1CT/6APR	929002003849	E27	A67	14.5	120(120W for Incandescent;27W CFL)	3000	1650	12000	80	No

Complementary partners

We are keen to bring the latest LED innovations to the market in a way that helps you design luminaires that meet your customers' needs. During this process, you might be faced with challenges that are not necessarily your speciality, but can easily be solved with the help of the right complementary partner.

Our complementary partners develop parts that are a perfect match with the LED systems we design. We have regular contact with these partners and keep them informed at the early stages of the development road map. This means they can tailor their products to ensure perfect matches with the LED lighting components we bring to the market. Support for cooling, reflectors, lampholders and optics can be found via the complementary partners listed here. Please visit the websites for more product information or contact them directly if you have any specific requests.

Cooling

Asia Vital Components (AVC) CO. Ltd
7F-3, No.24, Wucyuan 2 Rd.
Sinjhuang District
New Taipei City 24892
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Tel: +886 2 2299 6930 **Fax:** +886 2 2299 6929
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Web: www.sunon.com
Application areas

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Tel: +886 7 2382185 **Fax:** +886 7 2382187
E-mail: led@mechatronix-asia.com
Web: www.led-heatsink.com
Application areas

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138 Industrial Park Tangxia, Dongguan
Guangdong Province
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Tel: +86 769 8685 3888 **Fax:** +86 769 8772 4315
E-mail: contact@wisefull.com
Web: www.wisefull.com
Application areas

Mechanical fixings

BJB
Werler Str. 1
59755 Arnsberg
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Tel.: +49 2932 982 0
E-mail: info@bjb.com
Web: www.bjb.com
Application areas

Lenses

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E-mail: info@bjb.com
Web: www.bjb.com
Application areas

Darkoo Optics (Zhongshan) Co,. Ltd
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Tsuihang New District, Zhongshan City, Guangdong,
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Zip code: 528400
Tel: +86 760 85332970 **Fax:** +86 760 85335526
E-mail: sales@darkoo.cc
Web: www.darkoo.cc/en/index.html
Application areas

Carclo Optics
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Tel: +44 1753 575 011
E-mail: sales@carclo-optics.com
Web: www.carclo-optics.com
Application areas

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Paul Li
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Fax: +86 769 8897 5599 (China)
E-mail: paul_li@ledlink-optics.com
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Application areas

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E-mail: sales@ckopitcs.com
Web: www.ckoptics.com
Application areas

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24100 Salo
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Web: www.ledil.com
Application areas

Reflectors

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Application areas

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Application areas

Jordan Reflektoren GmbH & Co. KG
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E-mail: info@jordan-reflektoren.de
Web: www.jordan-reflektoren.de
Application areas

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Jiang Men City, Guangdong
China
Tel: +86 750 377 0000 **Fax:** +86 750 377 1111
E-mail: info@nata.cn
Web: www.nata.cn
Application areas

We give no warranties regarding complementary partner products and assume no legal liability or responsibility for any loss or damage resulting from the use of the information thereto given here.

Lighting definitions **explained**

Legend technical specifications	Symbol	Definition
Backwards compatible		It can work with an older product or technology
Beam angle	(º)	Exit angle of the light beam
Central beam candela		Power emitted by a light source in a particular direction. A common candle emits light with a luminous intensity of roughly one candela
Chip on board	CoB	Refers to the semiconductor assembly technology wherein the microchip or die is directly mounted on and electrically interconnected to its final circuit board, instead of undergoing traditional assembly or packaging as an individual IC
Correlated color temperature	K	CCT; describes whether white light appears warm (reddish), neutral or cool (bluish)
Color rendering index	CRI	The ability to reproduce the colors of various objects faithfully in reference to an ideal light source
Color consistency (initial)	SDCM	Standard Deviation of Color Matching; describing the difference between two colors. e.g. a differente of 1-3 SDCM is virtually imperceptible; a difference of 4 or more is readily visible
Connectivity		The capacity to be connected to other appliances, facilities and the internet
Digital		A collection of evolving technologies that enables generation, collection, analysis, storage in real-time and data exchange
Dimmable average lifetime 10% failure	hrs	Lifetime in hours, defined by reaching 10% failures (i.e. 90% survivors) when dimmed
Dimming range		Dimming range in which the system will perfom as specified
Driver power factor		Indicating how effective the driver converts electric current to useful power output
Efficiency range max load		Efficiency when operated at maximum power (not dimmed)
12NC code		Product code
Frequency	Hz	See line frequency
Housing color		Color of housing
Input Voltage	V	Voltage required as input for the product
IP classification		Ingress protection defined in terms of object size and water beam protected against
Inrush current peak		Highest current the capacitative components operate at start up
Lifetime	hrs	Lifetime in hours, associated with specific conditions (e.g. lumen maintenance, Tc, failure)
Lifetime 10% failure	hrs	Lifetime in hours, defined by reaching 10% failures (i.e. 90% survivors) for a population
Light output	lm	Output of luminous flux
Lumen maintenance @ 50,000 hrs		% of the original lumen flux remaining after indicated (life-)time for a defined population; e.g. B50/L70 indicates 50% of the population retaining 70% of the orginal light output
Luminous flux	lm	Total energy emitted by a light source across the visible wavelengths of light
Module efficacy	lm/W	Efficiency module; lumen output per Watt input
Module power	W	Energy required to operate the module
Module temperature control		Protective feature with which the driver regulates the module power when a certain critical temperature of the module is passed
Passive cooling		Cooling without power consumption
Power factor	Pf	See: driver power factor
Relative humidity	%	Portion of water vapor in a mixture of air and water vapor
Smart fixture		Lighting fixtures that are enabled for connectivity become a node in the network by containing one or more sensors and have the ability to change behavior as a response to a stimulus
System efficacy	lm/W	Efficiency module + driver
System power	W	Energy required to operate the system
Tc life driver	°C	Temperature of indicated point on the product on which the lifetime is based
Tc life module	°C	Temperature of indicated point on the product on which the lifetime is based
Zhaga		An industry-wide cooperation between companies aimed at enabling the interchangeability of LED light sources made by different manufacturers



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