

PHILIPS



LED Products

September 2018

A nighttime cityscape featuring a large, illuminated rectangular frame in the center. The frame is lit with purple and blue lights and has a decorative pattern. The background shows a dense urban skyline with many lit-up buildings and streets.

LED Trade Products Catalog 2018

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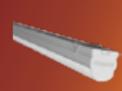
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LED Streetlight



LED Lamps



LED Bulb

MASTER LEDbulb

The MASTER LEDbulb range delivers a dimmable warm light effect for a welcoming, warm atmosphere, making it ideal for general lighting applications. With DimTone the light gets warmer when dimmed which is especially suited for hospitality applications.

- DimTone: the more you dim the warmer the light
- High Performance Dimming
- Longest lifetime
- Superior light quality
- Maximum energy savings



Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
MAS LEDbulb DT 40-6W E27 A60 CL	240-220 V	6W	40W	470 lm	2700-2000K	25000hrs	80	Yes	929001150802
MAS LEDbulb DT 40-6W B22 A60 CL	240-220 V	6W	40W	470 lm	2700-2000K	25000hrs	80	Yes	929001150602
MAS LEDbulb DT 60-8.5W E27 A60 CL	240-220 V	8.5W	60W	806 lm	2700-2000K	25000hrs	80	Yes	929001150932
MAS LEDbulb DT 60-8.5W B22 A60 CL	240-220 V	8.5W	60W	806 lm	2700-2000K	25000hrs	80	Yes	929001150732
MAS LEDbulb DT 75-11W A67 E827 27 FR	240-220 V	11W	75W	1055lm	2700-2000K	25000hrs	80	Yes	929001200502
MAS LEDbulb DT 75-11W A67 B827 22 FR	240-220 V	11W	75W	1055lm	2700-2000K	25000hrs	80	Yes	929001200402
MAS LEDbulb DT 100-15W A67 E827 27 FR	240-220 V	15W	100W	1521lm	2700-2000K	25000hrs	80	Yes	929001184402
MAS LEDbulb DT 100-15W A67 B827 22 FR	240-220 V	15W	100W	1521lm	2700-2000K	25000hrs	80	Yes	929001200302



LED bulb classic

Do you yearn for the magical glow and familiar look of incandescent bulbs? The Philips LED lamps classic recreate this ambiance in every way possible. The classic shapes have a timeless, decorative appeal. We've given our LED energy-saving technology a new twist by arranging the LEDs to mimic incandescent filaments. So you can enjoy the vintage glow without high energy bills. They use around 80% less energy than traditional light bulbs thanks to the latest LED energy-saving technology and last ten times longer.

LED bulb classic



Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
Deco Classic Bulbs - Non-Dimmable & 15000hrs Lifetime									
LEDClassic 25-2W B35 E14 WW CL ND APR	240-220 V	2W	25W	250 lm	2700K	15000hrs	80	No	929001238308
LEDClassic 25-2W BA35 E14 WW CL ND APR	240-220 V	2W	25W	250 lm	2700K	15000hrs	80	No	929001238408
LEDClassic 25-2W P45 E14 WW CL ND APR	240-220 V	2W	25W	250 lm	2700K	15000hrs	80	No	929001238608
LEDClassic 50-4W A60 E27 WW CL ND APR	240-220 V	4W	50W	470 lm	2700K	15000hrs	80	No	929001237108
LEDClassic 50-4W ST64 E27 WW CL ND APR	240-220 V	4W	50W	470 lm	2700K	15000hrs	80	No	929001237308
LEDClassic 70-6W A60 E27 WW CL ND APR	240-220 V	6W	70W	806 lm	2700K	15000hrs	80	No	929001237208
LEDClassic 70-6W ST64 E27 WW CL ND APR	240-220 V	6W	70W	806 lm	2700K	15000hrs	80	No	929001237408
LEDClassic 70-6W G93 E27 WW CL ND APR	240-220 V	6W	70W	806 lm	2700K	15000hrs	80	No	929001238808
Bulb Glass Filament - LED Classic Normal Dim									
LEDClassic 50-5W P45 E27 WW CL D APR	240-220 V	5W	50W	470lm	2700K	15000hrs	80	Yes	929001227608
LEDClassic 50-5W B35 E14 WW CL D APR	240-220 V	5W	50W	470lm	2700K	15000hrs	80	Yes	929001227208
LEDClassic 60-7.5W A60 E2000 27K GOLD APR	240-220 V	7.5W	60W	600lm	2000K	15000hrs	80	Yes	929001228108
LEDClassic 70-7.5W A60 E27 WW CL D 1CT APR	240-220 V	7.5W	70W	806lm	2700K	15000hrs	80	Yes	929001228008
LEDClassic 60-7W G120 E2000 27K GOLD APR	240-220 V	7W	60W	630lm	2000K	15000hrs	80	Yes	929001229108
LEDClassic 70-7W ST64 E27 WW CL D APR	240-220 V	7W	60W	806lm	2700K	15000hrs	80	Yes	929001229008
LEDClassic 60-7W ST64 E2000 27K GOLD APR	240-220 V	7W	60W	630lm	2000K	15000hrs	80	Yes	929001228908
LEDClassic 70-7W ST64 E27 WW CL D APR	240-220 V	7W	60W	806lm	2700K	15000hrs	80	Yes	929001228608

Entry LED bulb

Entry LED bulbs are designed for retrofit replacements of incandescent bulbs, and are compatible with existing fixtures with E27 or B22 holders.

- Easy retrofit
- Long lifetime
- Huge energy saving
- Low heat generation

Entry LED bulb



Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
Mini Bulb									
LEDBulb 25-3W E6500 27K 230V P45 (APR)	240-220 V	3W	25W	200 lm	6500K	15000hrs	80	No	929001160807
LEDBulb 25-3.5W E3000 27K 230V P45 (APR)	240-220 V	3.5W	25W	200 lm	3000K	15000hrs	80	No	929001160707
LEDBulb 40-4W E6500 27K 220V P45(APR)	240-220 V	4W	40W	350 lm	6500K	15000hrs	80	No	929001161007
LEDBulb 40-4W E3000 27K 220V P45(APR)	240-220 V	4W	40W	350 lm	3000K	15000hrs	80	No	929001160907
E27 Cap Base									
LEDBulb 60-6.5W E6500 27K 230V A60	240-220 V	6.5W	60W	600lm	6500K	15000hrs	80	No	929001312337
LEDBulb 60-6.5W E3000 27K 230V A60	240-220 V	6.5W	60W	600lm	3000K	15000hrs	80	No	929001312237
LEDBulb 70-8W E6500 27K 230V A60	240-220 V	8W	70W	806lm	6500K	15000hrs	80	No	929001304837
LEDBulb 70-8W E3000 27K 230V A60	240-220 V	8W	70W	806lm	3000K	15000hrs	80	No	929001304737
LEDBulb 85-10.5W E6500 27K 230V A60	240-220 V	10.5W	85W	1055 lm	6500K	15000hrs	80	No	929001163837
LEDBulb 85-10.5W E3000 27K 230V A60	240-220 V	10.5W	85W	1055 lm	3000K	15000hrs	80	No	929001162337
LEDBulb 100-13W E6500 27K 230V A60	240-220 V	13W	100W	1400 lm	6500K	15000hrs	80	No	929001163937
LEDBulb 100-13W E3000 27K 230V A60	240-220 V	13W	100W	1400 lm	3000K	15000hrs	80	No	929001162437
LEDBulb 120-14.5W E3000 27K 230V A67 APR	240-220 V	14.5W	120W	1800lm	3000K	10000hrs	70	No	929001355008
LEDBulb 120-14.5W E6500 27K 230V A67 APR	240-220 V	14.5W	120W	1800lm	6500K	10000hrs	70	No	929001355208
LEDBulb 160-19W E6500 27K 230V A80 APR	240-220 V	19W	160W	2300lm	6500K	10000hrs	70	No	929001355408
LEDBulb 200-27W E6500 27K 230V A110 APR	240-220 V	27W	200W	3000lm	6500K	10000hrs	70	No	929001355608
LEDBulb 33W E6500 27K 230V A110 APR	240-220 V	33W	300W+	4000lm	6500K	10000hrs	70	No	929001355708
LEDBulb 40W E6500 27K 230V A130 APR	240-220 V	40W	300W+	5000lm	6500K	10000hrs	70	No	929001355808
LEDBulb 40W E6500 40K 230V A130 APR	240-220 V	40W	300W+	5000lm	6500K	10000hrs	70	No	929001355908
B22 Cap Base									
LEDBulb 50-5W B3000 22K 230V A60/PF	240-220 V	5W	32W	470lm	6500K	15000hrs	80	No	929001305307
LEDBulb 50-5W B6500 22K 230V A60/PF	240-220 V	5W	32W	470lm	3000K	15000hrs	80	No	929001305407
LEDBulb 60-6.5W B3000 22K 230V A60/PF	240-220 V	6.5W	40W	600lm	6500K	15000hrs	80	No	929001312607
LEDBulb 60-6.5W B6500 22K 230V A60/PF	240-220 V	6.5W	40W	600lm	3000K	15000hrs	80	No	929001312707
LEDBulb 70-8W B3000 22K 230V A60/PF	240-220 V	8W	60W	806lm	6500K	15000hrs	80	No	929001305507
LEDBulb 70-8W B6500 22K 230V A60/PF	240-220 V	8W	60W	806lm	3000K	15000hrs	80	No	929001305607
LEDBulb 85-10.5W B3000 22K 230V A60/PF	240-220 V	10.5W	75W	1055lm	6500K	15000hrs	80	No	929001163307
LEDBulb 85-10.5W B6500 22K 230V A60/PF	240-220 V	10.5W	75W	1055lm	3000K	15000hrs	80	No	929001164837
LEDBulb 100-13W B3000 22K 230V A60/PF	240-220 V	13W	90W	1400lm	6500K	15000hrs	80	No	929001163407
LEDBulb 100-13W B6500 22K 230V A60/PF	240-220 V	13W	90W	1400lm	3000K	15000hrs	80	No	929001164937
LEDBulb 130-18W B6500 22K 230V A67 AU/PF	240-220 V	18W	130W	2000 lm	6500K	15000hrs	80	No	929001165207

Essential LED bulb

Philips Essential LED Bulb offers an even better value for money and is a sustainable green light bulb to ensure direct replacement of GLS bulbs in indoor application.

- Easy retrofit
- Long lifetime
- Huge energy saving
- Low heat generation

Essential LED bulb



Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Cap-Base	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
Essential LEDBulbs										
E27 Cap Base										
ESS LEDBulb 3W E27 3000K 230V 1PF/12 UAE	220-240 V	3W	40W	E27	280 lm	3000K	10000hrs	80	No	929001892985
ESS LEDBulb 3W E27 6500K 230V 1PF/12 UAE	220-240 V	3W	40W	E27	300 lm	6500K	10000hrs	80	No	929001893285
ESS LEDBulb 5W E27 3000K 230V 1PF/12 UAE	220-240 V	5W	55W	E27	460 lm	3000K	10000hrs	80	No	929001899085
ESS LEDBulb 5W E27 6500K 230V 1PF/12 UAE	220-240 V	5W	55W	E27	480 lm	6500K	10000hrs	80	No	929001899285
ESS LEDBulb 7W E27 3000K 230V 1PF/12 UAE	220-240 V	7W	65W	E27	660 lm	3000K	10000hrs	80	No	929001899485
ESS LEDBulb 7W E27 6500K 230V 1PF/12 UAE	220-240 V	7W	65W	E27	660 lm	6500K	10000hrs	80	No	929001899685
ESS LEDBulb 9W E27 3000K 230V 1PF/12 UAE	220-240 V	9W	80W	E27	900 lm	3000K	10000hrs	80	No	929001899885
ESS LEDBulb 9W E27 6500K 230V 1PF/12 UAE	220-240 V	9W	80W	E27	900 lm	6500K	10000hrs	80	No	929001900085
ESS LEDBulb 11W E27 3000K 230V 1PF/12 UAE	220-240 V	11W	100W	E27	1150 lm	3000K	10000hrs	80	No	929001900285
ESS LEDBulb 11W E27 6500K 230V 1PF/12 UAE	220-240 V	11W	100W	E27	1230 lm	6500K	10000hrs	80	No	929001900485
B22 Cap Base										
ESS LEDBulb 3W B22 3000K 230V 1PF/12 UAE	220-240 V	3W	40W	B22	280 lm	3000K	10000hrs	80	No	929001893185
ESS LEDBulb 3W B22 6500K 230V 1PF/12 UAE	220-240 V	3W	40W	B22	300 lm	6500K	10000hrs	80	No	929001893485
ESS LEDBulb 5W B22 3000K 230V 1PF/12 UAE	220-240 V	5W	55W	B22	460 lm	3000K	10000hrs	80	No	929001899185
ESS LEDBulb 5W B22 6500K 230V 1PF/12 UAE	220-240 V	5W	55W	B22	480 lm	6500K	10000hrs	80	No	929001899385
ESS LEDBulb 7W B22 3000K 230V 1PF/12 UAE	220-240 V	7W	65W	B22	660 lm	3000K	10000hrs	80	No	929001899585
ESS LEDBulb 7W B22 6500K 230V 1PF/12 UAE	220-240 V	7W	65W	B22	660 lm	6500K	10000hrs	80	No	929001899785
ESS LEDBulb 9W B22 3000K 230V 1PF/12 UAE	220-240 V	9W	80W	B22	900 lm	3000K	10000hrs	80	No	929001899985
ESS LEDBulb 9W B22 6500K 230V 1PF/12 UAE	220-240 V	9W	80W	B22	900 lm	6500K	10000hrs	80	No	929001900185
ESS LEDBulb 11W B22 3000K 230V 1PF/12 UAE	220-240 V	11W	100W	B22	1150 lm	3000K	10000hrs	80	No	929001900385
ESS LEDBulb 11W B22 6500K 230V 1PF/12 UAE	220-240 V	11W	100W	B22	1230 lm	6500K	10000hrs	80	No	929001900585

Philips LED SceneSwitch

One bulb three light settings

No dimmer required

Switch light settings without switching bulbs. Different activities require different light settings. With Philips SceneSwitch LED bulb, you can switch light settings without switching bulbs. It's one bulb, with 3 different light settings. Flip your switch to change your ambiance from functional soft white, to a dimmed light when you want to relax or to a cozy warm glow.

No dimmer or additional installation is required. All you need is your existing switch.

Philips SceneSwitch is available in:
 One bulb with step dimming to 3 settings
 One bulb with two different CCT

SceneSwitch



Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
LED SSW 60W A60 E27 WW FR ND 1SRT4	240-220 V	8W	60W	806lm	2700K	15000hrs	80	Step Dimming	929001236558
LED SSW 60W A60 B22 WW FR ND 1SRT4	240-220 V	8W	60W	806lm	2700K	15000hrs	80	Step Dimming	929001236658
LED SSW 40W B38 E14 WW CL ND 1SRT4	240-220 V	5.5W	40W	470lm	2700K	15000hrs	80	Step Dimming	929001260858
LED SSW 60W A60 E27 WW-CW FR ND 1SRT4	240-220 V	9.5W	60W	806lm	6500K2700-K	15000hrs	80	Color Change	929001264158
LED SSW 60W A60 B22 WW-CW FR ND 1SRT4	240-220 V	9.5W	60W	806lm	6500K2700-K	15000hrs	80	Color Change	929001264258





LED candle classic and lustre

MASTER LEDcandle and LEDlustre

Thanks to a revolutionary new lens design, these candles now produce the most beautiful sparkling light. The ivory-colored design is a perfect match with existing luminaires.

MASTER LEDcandle DimTone



E14 E27 B22 B15



Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
MAS LEDcandle DT 25-4W E14 B38 CL_AP	240-220 V	4W	25W	250 lm	2700-2200K	25000hrs	80	Yes	929001139808
MAS LEDcandle DT 25-4W E14 BA38 CL	240-220 V	4W	25W	250 lm	2700-2200K	25000hrs	80	Yes	929001139902
MAS LEDlustre DT 25-4W E14 P48 CL	240-220 V	4W	25W	250 lm	2700-2200K	25000hrs	80	Yes	929001140002
MAS LEDlustre DT 25-4W E27 P48 CL	240-220 V	4W	25W	250 lm	2700-2200K	25000hrs	80	Yes	929001140102
MAS LEDcandle DT 40-6W E14 B38 CL	240-220 V	6W	40W	470 lm	2700-2200K	25000hrs	80	Yes	929001140402
MAS LEDcandle DT 40-6W E14 BA38 CL	240-220 V	6W	40W	470 lm	2700-2200K	25000hrs	80	Yes	929001140502
MAS LEDlustre DT 40-6W E14 P48 CL	240-220 V	6W	40W	470 lm	2700-2200K	25000hrs	80	Yes	929001140602
MAS LEDcandle DT 40-6W E27 B38 CL	240-220 V	6W	40W	470 lm	2700-2200K	25000hrs	80	Yes	929001157902
MAS LEDlustre DT 40-6W E27 P48 CL	240-220 V	6W	40W	470 lm	2700-2200K	25000hrs	80	Yes	929001140702
MAS LEDcandle DT 40-6W B22 B38 CL	240-220 V	6W	40W	470 lm	2700-2200K	25000hrs	80	Yes	929001140802
MAS LEDcandle DT 60-8W B40 E827 14 CL	240-220 V	8W	60W	806 lm	2700-2200K	25000hrs	80	Yes	929001211702
MAS LEDlustre DT 60-8W P50 E827 14 CL	240-220 V	8W	60W	806 lm	2700-2200K	25000hrs	80	Yes	929001211902



Clear LEDcandle and LEDlustre

Clear LED candle adds comfort sparkle to your home Sparkling light for a warm and inviting atmosphere

- **Create a warm atmosphere**
True incandescent-like warm white light (2700 K)
- **Sustainable choice** - Lasts up to 15 years
- Very low energy consumption; saving at least 80%
- **Instant light (LED)** - Instant light when switched on

Clear LEDcandle DimTone



E14 E27 B22



Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
LED 25-4W E2700 14K 240-220V 50Hz/60Hz B35 CL ND_AP	240-220 V	4W	25W	250 lm	2700K	15000hrs	80	No	929001142207
LED 25-4W E2700 14K 240-220V 50Hz/60Hz P45 CL ND_AP	240-220 V	4W	25W	250 lm	2700K	15000hrs	80	No	929001142307
LED 40-5.5W E2700 14K 240-220V 50Hz/60Hz B35 CL ND_AP	240-220 V	5.5W	40W	470 lm	2700K	15000hrs	80	No	929001142507
LED 40-5.5W E2700 14K 240-220V 50Hz/60Hz P45 CL ND_AP	240-220 V	5.5W	40W	470lm	2700K	15000hrs	80	No	929001142607
CorePro lustre ND 25-4W E827 14 P45 FR	240-220 V	4W	25W	250 lm	2700K	15000hrs	80	No	929001157502

Essential LEDcandle and LEDlustre

Philips Essential LEDCandle and LEDLuster are of Philips sustainable essential range. They are with both warm white and cool white CCT and an energy saving of over 87%. Philips Essential LEDcandle and LED luster are ideal for installation in various kinds of fixtures where people can easily enjoy the art of light. The lamps can perfectly work with crystal chandeliers, wall sconces where lamps are exposed or modern fixtures with a glass shield.

Essential LEDcandle DimTone



E14



Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
Frosted Essential LEDCandle and LEDLuster									
ESS LEDCandle 45-5.5W E827 14 B38NDFRUA	240-220 V	5.5W	45W	470 lm	2700K	10000hrs	80	No	929001811067
ESS LEDCandle 45-5.5W E840 14 B38NDFRUA	240-220 V	5.5W	45W	470 lm	4000K	15000hrs	80	No	929001811167
ESS LEDCandle 55-6.5W E827 14 B38NDFRUA	240-220 V	6.5W	55W	550 lm	2700K	10000hrs	80	No	929001811267
ESS LEDCandle 60-6.5W E840 14 B38NDFRUA	240-220 V	6.5W	60W	640 lm	4000K	10000hrs	80	No	929001811367
ESS LEDCandle 55-6.5W E827 27 B38NDFRUA	240-220 V	6.5W	55W	550 lm	2700K	10000hrs	80	No	929001811467
ESS LEDLustre 55-6.5W E827 14 P48NDFRUA	240-220 V	6.5W	55W	550 lm	2700K	10000hrs	80	No	929001811567
ESS LEDLustre 60-6.5W E840 14 P48NDFRUA	240-220 V	6.5W	60W	640 lm	2700K	10000hrs	80	No	929001811667
ESS LEDLustre 55-6.5W E827 27 P48NDFRUA	240-220 V	6.5W	55W	550 lm	4000K	10000hrs	80	No	929001811767
Decorative Gold and Silver Candles									
LEDcandle 35-5W E827 14 BA35 CL ND S UAE	240-220 V	5W	35W	350 lm	2700K	10000hrs	80	No	929001168237
LEDcandle 35-5W E827 14 BA35 CL ND G UAE	240-220 V	5W	35W	350 lm	2700K	10000hrs	80	No	929001168137

HID replacement

TrueForce

Now there is a cost-effective alternative that makes it easy to upgrade urban and high bay lighting by using LED. Philips TrueForce is the first direct replacement to HID lamps. This ensures a perfect fit with existing modern and traditional luminaires. It's the simplest way to upgrade to LED while keeping your initial investment low.

- Energy saving up to %75
- Reliable lifetime up to 50.000 hours
- Right lamp size and lighting distribution for direct retrofit with a peace of mind
- Direct LED replacement solution without changing the fixture
- Optically efficient, emits light towards usage direction
- Mains voltage also available for High Bay version

TrueForce Post-top



Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
TForce LED HPL ND 25-32W E740 27 CL	240-220 V	25W	80W	3200lm	4000K	50000hrs	70	No	929001296602
TForce LED HPL ND 25-29W E740 27 FR	240-220 V	25W	80W	2900lm	4000K	50000hrs	70	No	929001296702
TForce LED HPL ND 33-48W E740 27 CL	240-220 V	33W	125W	4800lm	4000K	50000hrs	70	No	929001296402
TForce LED HPL ND 33-44W E740 27 FR	240-220 V	33W	125W	4400lm	4000K	50000hrs	70	No	929001296502

TrueForce High-Bay



Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
High Bay Retrofit Version - IP40									
TForce LED HPI ND 88-110W E60 840 40D	240-220 V	88W	250W	11000lm	4000K	50000hrs	80	No	929001356802
TForce LED HPI ND 88-110W E120 840 40D	240-220 V	88W	250W	11000lm	4000K	50000hrs	80	No	929001356902
TForce LED HPI ND 145-200W E60 840 40D	240-220 V	150W	400W	20000lm	4000K	50000hrs	80	No	929001357002
TForce LED HPI ND 145-200W E120 840 40D	240-220 V	150W	400W	20000lm	4000K	50000hrs	80	No	929001357102
True Force Mains Version - IP40									
TForce HB 85-100W E120 840 40D GM	277-110 V	85W	250W	10000lm	4000K	25000hrs	80	No	929001875708
TForce HB 85-100W E120 865 40D GM	277-110 V	85W	250W	10000lm	6500K	25000hrs	80	No	929001875908
TForce Core HB 160-200W E840 40 NB GM	277-110 V	160W	400W	20000lm	4000K	25000hrs	80	No	929001812408
TForce Core HB 160-200W E840 40 WB GM	277-110 V	160W	400W	20000lm	4000K	25000hrs	80	No	929001812508
TForce Core HB 160-200W E865 40 NB GM	277-110 V	160W	400W	20000lm	6500K	25000hrs	80	No	929001812608
TForce Core HB 200-160W E40 865 WB GM	110-277 V	160W	400W	20000lm	6500K	25000hrs	80	No	929001812708



LED tube

LED tube

MASTER LEDtube

Philips MASTER LEDtubes have %100 safe, hasslefree installation with a simple lamp-for-lamp replacement. We have the widest range on the market, with standard 1200mm and 1500mm tubes along with special 600, versions. Each replaces a different fluorescent type, ensuring a light for every application.

Master LEDTube T5



Product Description

	MASTER LEDtube (HF)	Voltage (V)	Lamp Wattage (W)	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
1	MASTER LEDtube 600mm 7.5W865 G5 I	19 V	7.5W	800 lm	6500K	40000hrs	83	No	929001155010
	MASTER LEDtube 600mm 7.5W840 G5 I	19 V	7.5W	800 lm	4000K	40000hrs	83	No	929001154910
	MASTER LEDtube 1200mm 13W865 G5 I	33 V	13W	1600 lm	6500K	40000hrs	83	No	929001131210
	MASTER LEDtube 1200mm 13W840 G5 I	33 V	13W	1600 lm	4000K	40000hrs	83	No	929001131110

MASTER LEDtube T8 High Output



G13



1 EM

Product Description

MASTER LEDtube (HF)	Voltage (V)	Lamp Wattage (W)	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
MAS LEDtube 600mm HO 8W865 T8	220-240 V	8W	1050lm	6500K	50000hrs	80	No	929001299708
MAS LEDtube 600mm HO 8W840 T8	220-240 V	8W	1050lm	6500K	50000hrs	80	No	929001299608
MAS LEDtube 600mm HO 8W830 T8	220-240 V	8W	1000lm	3000K	50000hrs	80	No	929001299508
MAS LEDtube 1200mm HO 14W865 T8	220-240 V	14W	2100lm	6500K	50000hrs	80	No	929001299408
MAS LEDtube 1200mm HO 14W840 T8	220-240 V	14W	2100lm	6500K	50000hrs	80	No	929001299308
MAS LEDtube 1200mm HO 14W830 T8	220-240 V	14W	2000lm	3000K	50000hrs	80	No	929001299208
MAS LEDtube 1500mm HO 20W865 T8	220-240 V	20W	3100lm	6500K	50000hrs	80	No	929001298802
MAS LEDtube 1500mm HO 20W840 T8	220-240 V	20W	3100lm	4000K	50000hrs	80	No	929001298702
MAS LEDtube 1500mm HO 20W830 T8	220-240 V	20W	3100lm	3000K	50000hrs	80	No	929001298602

Dimming a LED tube: please refer to the site www.philips.com/ledtube for the latest update on our InstantFit LED tube/dimming ballast compatibility information.

LED tube

ESSENTIAL LEDtube

Essential LEDtube 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 over 60% energy saving 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 environment friendly image for our customers.

Essential LEDtube T5



G5



1

Product Description

	Voltage (V)	Lamp Wattage (W)	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
1 ESSENTIAL LEDtube 600mm 8W830 G5 I APR	110-240 V	8W	1000 lm	3000K	30000hrs	80	No	929001380608
ESSENTIAL LEDtube 600mm 8W840 G5 I APR	110-240 V	8W	1050 lm	4000K	30000hrs	80	No	929001380708
ESSENTIAL LEDtube 600mm 8W865 G5 I APR	110-240 V	8W	1050 lm	6500K	30000hrs	80	No	929001380808
ESSENTIAL LEDtube 1200mm 16W830 G5 I APR	110-240 V	16W	2000 lm	3000K	30000hrs	80	No	929001380908
ESSENTIAL LEDtube 1200mm 16W840 G5 I APR	110-240 V	16W	2100 lm	4000K	30000hrs	80	No	929001381008
ESSENTIAL LEDtube 1200mm 16W865 G5 I APR	110-240 V	16W	2100 lm	6500K	30000hrs	80	No	929001381108

ESSENTIAL LEDtube T8



G13



1 T8

Product Description

	Voltage (V)	Lamp Wattage (W)	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
1 ESSENTIAL LEDtube 600mm 8W840 T8 AP I	220-240 V	8W	800lm	4000K	30000hrs	80	No	929001338608
ESSENTIAL LEDtube 600mm 8W865 T8 AP I	220-240 V	8W	800lm	6500K	30000hrs	80	No	929001338708
ESSENTIAL LEDtube 1200mm 14.5W840 T8AP I	220-240 V	14.5W	1600lm	4000K	30000hrs	80	No	929001338808
ESSENTIAL LEDtube 1200mm 14.5W865 T8AP I	220-240 V	14.5W	1600lm	6500K	30000hrs	80	No	929001338908



Dimming a LED tube: please refer to the site www.philips.com/ledtube for the latest update on our InstantFit LED tube/dimming ballast compatibility information.

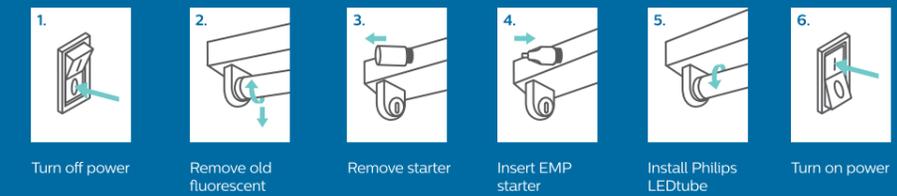
Ecofit LED tube T8

Ecofit LED tubes offer even better value and are equipped with LED technology to provide greater energy savings through its long lifespan, as well as greater eye comfort.

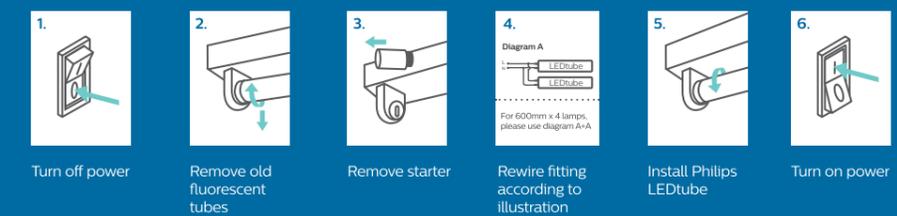
Installation guide

Most of the Ecofit LEDtubes do not require rewiring and can simply be retrofitted into many existing fittings. Follow these simple instructions to install your LEDtubes.

Method 1: Plug & play (retrofit*)



Method 2: Re-wiring



EM retrofit:

1pcs x 1200mm TL lamps (1 x 36W)

2pcs x 1200mm TL lamps (2 x 36W)

3pcs x 1200mm TL lamps (3 x 36W)

4pcs x 1200mm TL lamps (4 x 36W)

1pcs x 600mm TL lamps (1 x 18W)

3pcs x 600mm TL lamps (3 x 18W)

Re-wiring:

2pcs x 600mm TL lamps (2 x 18W)

4pcs x 600mm TL lamps (4 x 18W)

* Please note that the Consumer Color Box Pack and Consumer Color Sleeve Pack come with starters while the industrial pack is starter free



G13

Ecofit LED tube T8

1 EM



Product Description

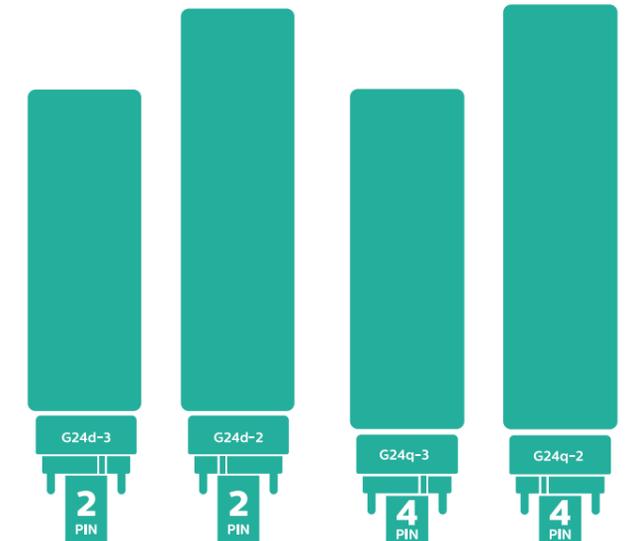
	Voltage (V)	Lamp Wattage (W)	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
EcoFit TLED LEDtube Consumer Color Box Pack (With EMP starter)								
LEDtube 600mm 8W 765 T8 AP C G - Consumer Pack	220-240 V	8W	800lm	6500K	15000hrs	73	No	929001184808
LEDtube 600mm 8W 740 T8 AP C G - Consumer Pack	220-240 V	8W	800lm	4000K	15000hrs	73	No	929001184708
LEDtube 1200mm 16W 765 T8 AP C G - Consumer Pack	220-240 V	16W	1600lm	6500K	15000hrs	73	No	929001184608
LEDtube 1200mm 16W 740 T8 AP C G - Consumer Pack	220-240 V	16W	1600lm	4000K	15000hrs	73	No	929001184508
EcoFit TLED LEDtube Consumer Color Sleeve Pack (With EMP starter)								
LEDtube 600mm 8W 740 T8 AP SL G	220-240 V	8W	1600lm	4000K	15000hrs	70	No	929001184768
LEDtube 600mm 8W 765 T8 AP SL G	220-240 V	8W	1600lm	6500K	15000hrs	70	No	929001184868
LEDtube 1200mm 16W 740 T8 AP SL G	220-240 V	16W	800lm	4000K	15000hrs	70	No	929001184568
LEDtube 1200mm 16W 765 T8 AP SL G	220-240 V	16W	800lm	6500K	15000hrs	70	No	929001184668
EcoFit TLED LEDtube Industry (no EMP starter)								
LEDtube 600mm 8W 765 T8 AP I G - Industrial Pack	220-240 V	8W	800lm	6500K	15000hrs	73	No	929001184838
LEDtube 600mm 8W 740 T8 AP I G - Industrial Pack	220-240 V	8W	800lm	4000K	15000hrs	73	No	929001184738
LEDtube 1200mm 16W 765 T8 AP I G - Industrial Pack	220-240 V	16W	1600lm	6500K	15000hrs	73	No	929001184638
LEDtube 1200mm 16W 740 T8 AP I G - Industrial Pack	220-240 V	16W	1600lm	4000K	15000hrs	73	No	929001184538
EcoFit TLED HO LEDtube Consumer Sleeve								
LEDtube HO 600mm 10W 765 T8 AP SL G	220-240 V	10W	1050lm	6500K	15000hrs	70	No	929001277568
LEDtube HO 600mm 10W 740 T8 AP SL G	220-240 V	10W	1050lm	4000K	15000hrs	70	No	929001277468
LEDtube HO 600mm 10W 730 T8 AP SL G	220-240 V	10W	1000lm	3000K	15000hrs	70	No	929001299968
LEDtube HO 1200mm 20W 765 T8 AP SL G	220-240 V	20W	2100lm	6500K	15000hrs	70	No	929001277368
LEDtube HO 1200mm 20W 740 T8 AP SL G	220-240 V	20W	2100lm	4000K	15000hrs	70	No	929001277268
LEDtube HO 1200mm 20W 730 T8 AP SL G	220-240 V	20W	2000lm	3000K	15000hrs	70	No	929001299868



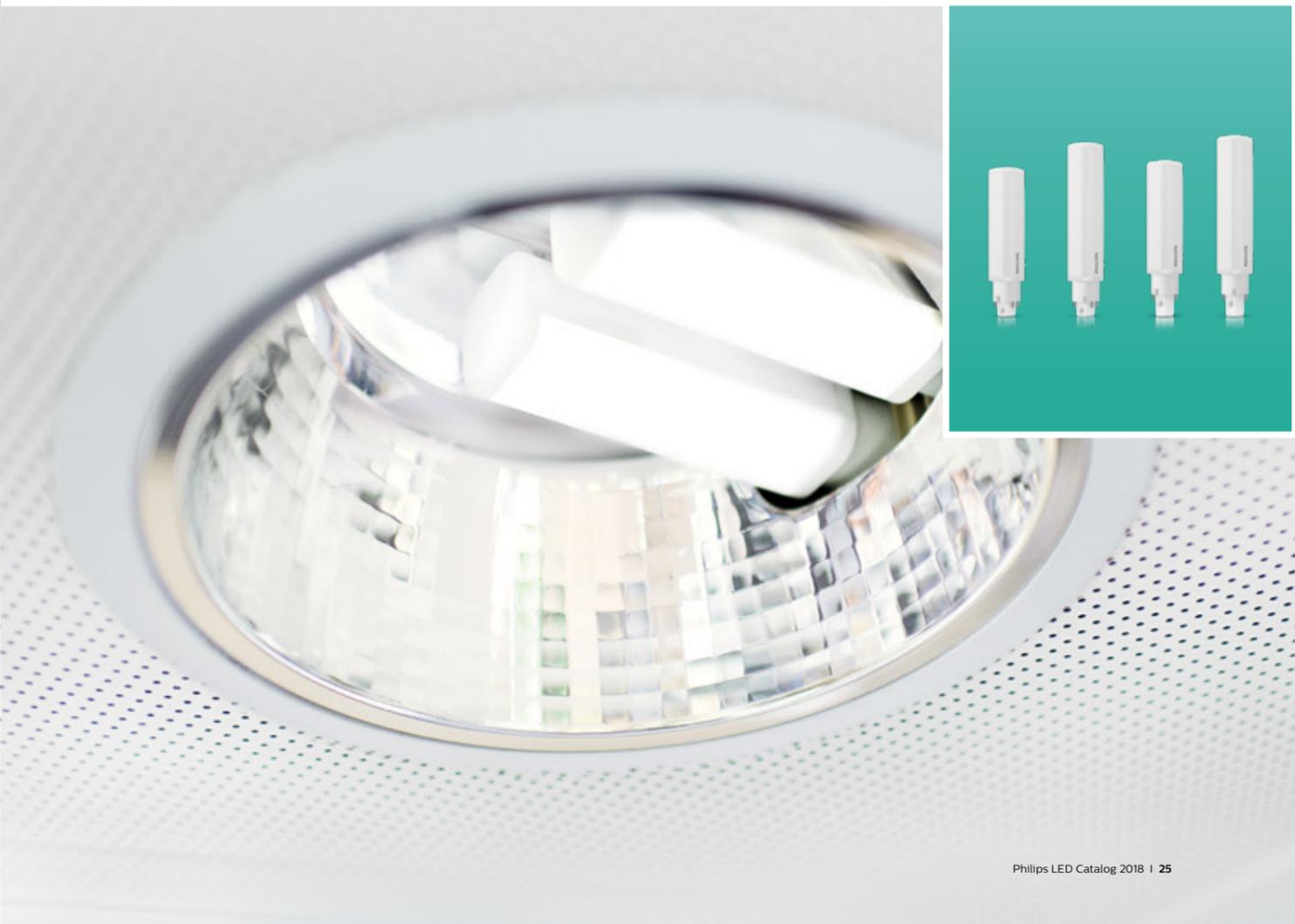
CorePro LED PL-C

Downlighting in general circulation areas represents a major lighting cost for many buildings. CorePro LED PLC is a retrofit LED PLC lamp that delivers incredible energy savings over a 30,000 hours lifetime and requires less maintenance and servicing. So you can downsize your downlighting costs with energy efficient LED lamps.

- Up to 60% more efficient compared to fluorescent PLC lamps, saving on energy costs.
- Lifetime up to 30,000 hours, reducing maintenance costs.
- Made of shatter-proof plastic instead of glass.
- Easy upgrade from current conventional downlight fixture.
- Re-using the existing fixture without major modifications, using a similar PLC form-factor.
- Instant 100% light.
- No flickering or stroboscopic light.



LED PL-C



LED PL-C

LED PL-C



LED PL-C

Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Cap-Base	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Product code
LED PLC - Compatibility list with ballast to be checked before purchase									
CorePro LED PLC 6.5W H 830 G24q-2	220-240 V	6.5W	18W	G24q-2	600 lm	3000K	30000hrs	83	929001201002
CorePro LED PLC 6.5W H 840 G24q-2	220-240 V	6.5W	18W	G24q-2	650 lm	4000K	30000hrs	83	929001201102
CorePro LED PLC 9W H 830 G24q-3	220-240 V	9W	26W	G24q-3	900 lm	3000K	30000hrs	83	929001200802
CorePro LED PLC 9W H 840 G24q-3	220-240 V	9W	26W	G24q-3	950 lm	4000K	30000hrs	83	929001200902
LED PLC 6.5W 865 2P G24d-2	220-240 V	6.5W	18W	G24d-2	700lm	6500K	30000hrs	83	929001280208
LED PLC 6.5W 840 2P G24d-2	220-240 V	6.5W	18W	G24d-2	700lm	4000K	30000hrs	83	929001201508
LED PLC 6.5W 830 2P G24d-2	220-240 V	6.5W	18W	G24d-2	650lm	3000K	30000hrs	83	929001201408
LED PLC 8.5W 865 2P G24d-3	220-240 V	8.5W	26W	G24d-3	1000lm	6500K	30000hrs	83	929001280108
LED PLC 8.5W 840 2P G24d-3	220-240 V	8.5W	26W	G24d-3	1000lm	4000K	30000hrs	83	929001201308
LED PLC 8.5W 830 2P G24d-3	220-240 V	8.5W	26W	G24d-3	950lm	3000K	30000hrs	83	929001201208

LED spot



LED spot

MASTER LEDspot MV

With our LED spots Mains Voltage you can enjoy bright, energizing light, at the same time as saving energy and money. Perfect for accent and general lighting. With DimTone the light gets warmer when dimmed. CRI90 gives you the best color presentation (for retail applications).

- CRI90
- DimTone: the more you dim the warmer the light
- High Performance Dimming
- Longest lifetime
- Superior light quality
- Maximum energy savings
- Delivers committed lifetime in application

MASTER LEDspot MV DimTone



Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Cap-Base	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
MAS LED spot VLE DT 50-4.9W GU36 927 10D	240-220 V	4.9W	50W	GU10	355 lm	2200K -	25000hrs	90	Yes	929001350302

Essential, Master and Master Expert Color GU10 LED Spots

Our GU10 family are now made from glass. The stylist design is appreciated for its well-known look and feel whether switch on or off. They are perfect halogen replacement for applications such as restaurants, hotels or private residences. The single optic glass offers perfect beam, high quality light output with a good Color Rendering Index (+80).

Create beautiful experiences with ExpertColor light

The new GU10 LED spots family

offers a wide range of products covering all your requirements and application. With our latest technology, ExpertColor offers a unique lighting experience.

Color to match your mood

Now you can match the true color spectrum of halogens to make spaces bright, vivid and refreshing. Perfect color saturation and an enhanced red spectrum make for a warmer, richer light and vivid reds, creating a truly comfortable ambience.

Dim to the exact light level

You get deep dimming (to below 5%) for the exact light level you need and improved dimmer compatibility. There's no visible flicker either, giving your customers smooth and constant light for exceptionally comfortable viewing.

Hassle-free replacement

These are hassle-free, 1-for-1 GU10 retrofits that make re-lamping and renovation easy. Lifetime is 40,000 hours with little lumen depreciation, which makes the ExpertColor range an excellent choice for professional "long-life" applications.

MASTER LEDspot ExpertColor MV



Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Cap-Base	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
MAS LED ExpertColor 5.5-50W GU10 927 24D	220-240 V	5.5W	50W	GU10	385lm	2700K	40000hrs	97	Yes	929001347008
MAS LED ExpertColor 5.5-50W GU10 930 24D	220-240 V	5.5W	50W	GU10	405lm	3000K	40000hrs	97	Yes	929001347108
MAS LED ExpertColor 5.5-50W GU10 927 36D	220-240 V	5.5W	50W	GU10	385lm	2700K	40000hrs	97	Yes	929001347308
MAS LED ExpertColor 5.5-50W GU10 930 36D	220-240 V	5.5W	50W	GU10	405lm	3000K	40000hrs	97	Yes	929001347408
Master LED 5-50W GU10 927 36D Dim	220-240 V	5W	50W	GU10	395lm	2700K	25000hrs	90	Yes	929001348808
Master LED 5-50W GU10 930 36D Dim	220-240 V	5W	50W	GU10	395lm	3000K	25000hrs	90	Yes	929001348908
Master LED 5-50W GU10 940 36D Dim	220-240 V	5W	50W	GU10	395lm	4000K	25000hrs	90	Yes	929001349008
Essential LED 4.6-50W GU10 827 36D	220-240 V	4.6W	50W	GU10	395lm	2700K	15000hrs	80	Yes	929001215208
Essential LED 4.6-50W GU10 830 36D	220-240 V	4.6W	50W	GU10	410lm	3000K	15000hrs	80	Yes	929001218108
Essential LED 4.6-50W GU10 865 36D	220-240 V	4.6W	50W	GU10	410lm	6500K	15000hrs	80	Yes	929001218308



MASTER LEDspot LV MR16

MASTER LEDspot LV MR16



Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Cap-Base	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
Master LEDspot MR16 (12V)										
Non-Dimmable										
CRI 80 & 25000hrs Lifetime										
MASTER LED 4-35W 2700K MR16 24D	12 V	4W	35W	GU5.3	240 lm	2700 K	25000hrs	80	No	929001147408
MASTER LED 4-35W 2700K MR16 36D	12 V	4W	35W	GU5.3	240 lm	2700 K	25000hrs	80	No	929001147508
MASTER LED 4-35W 3000K MR16 24D	12 V	4W	35W	GU5.3	240 lm	3000 K	25000hrs	80	No	929001147708
MASTER LED 4-35W 3000K MR16 36D	12 V	4W	35W	GU5.3	240 lm	3000 K	25000hrs	80	No	929001147608
MASTER LED 5.5-50W 2700K MR16 24D	12 V	5.5W	50W	GU5.3	415 lm	2700K	25000hrs	80	No	929001145908
MASTER LED 5.5-50W 3000K MR16 24D	12 V	5.5W	50W	GU5.3	415 lm	3000K	25000hrs	80	No	929001146708
MASTER LED 5.5-50W 2700K MR16 36D	12 V	5.5W	50W	GU5.3	415 lm	2700K	25000hrs	80	No	929001146108
MASTER LED 5.5-50W 3000K MR16 36D	12 V	5.5W	50W	GU5.3	415 lm	3000K	25000hrs	80	No	929001146608
MASTER LED 5.5-50W 4000K MR16 24D	12 V	5.5W	50W	GU5.3	450 lm	4000K	25000hrs	80	No	929001146808
MASTER LED 5.5-50W 4000K MR16 36D	12 V	5.5W	50W	GU5.3	450 lm	4000K	25000hrs	80	No	929001146908
Dimmable (40000hrs Lifetime)										
CRI 80										
MASTER LED 8-50W+ 827 MR16 24D Dim	12 V	8W	50W	GU5.3	660 lm	2700K	40000hrs	80	Yes	929001881308
MASTER LED 8-50W+ 830 MR16 24D Dim	12 V	8W	50W	GU5.3	660 lm	3000K	40000hrs	80	Yes	929001881408
MASTER LED 8-50W+ 827 MR16 36D Dim	12 V	8W	50W	GU5.3	660 lm	2700K	40000hrs	80	Yes	929001881608
MASTER LED 8-50W+ 830 MR16 36D Dim	12 V	8W	50W	GU5.3	660 lm	3000K	40000hrs	80	Yes	929001881708
CRI 90										
MASTER LED 7-50W 927 MR16 24D Dim	12 V	7W	50W	GU5.3	500 lm	2700K	40000hrs	90	Yes	929001879808
MASTER LED 7-50W 930 MR16 24D Dim	12 V	7W	50W	GU5.3	500 lm	3000K	40000hrs	90	Yes	929001879908
MASTER LED 7-50W 940 MR16 24D Dim	12 V	7W	50W	GU5.3	500 lm	4000K	40000hrs	90	Yes	929001880008
MASTER LED 7-50W 927 MR16 36D Dim	12 V	7W	50W	GU5.3	500 lm	2700K	40000hrs	90	Yes	929001880108
MASTER LED 7-50W 930 MR16 36D Dim	12 V	7W	50W	GU5.3	500 lm	3000K	40000hrs	90	Yes	929001880208
MASTER LED 7-50W 940 MR16 36D Dim	12 V	7W	50W	GU5.3	500 lm	4000K	40000hrs	90	Yes	929001880308
MASTER LED 7-50W 927 MR16 60D Dim	12 V	7W	50W	GU5.3	500 lm	2700K	40000hrs	90	Yes	929001880408
MASTER LED 7-50W 930 MR16 60D Dim	12 V	7W	50W	GU5.3	500 lm	3000K	40000hrs	90	Yes	929001880508
MASTER LED 7-50W 940 MR16 60D Dim	12 V	7W	50W	GU5.3	500 lm	4000K	40000hrs	90	Yes	929001880608
MASTER LED 7-50W 927 MR16 10D Dim	12 V	7W	50W	GU5.3	500 lm	2700K	40000hrs	90	Yes	929001879508
MASTER LED 7-50W 930 MR16 10D Dim	12 V	7W	50W	GU5.3	500 lm	3000K	40000hrs	90	Yes	929001879608
MASTER LED 7-50W 940 MR16 10D Dim	12 V	7W	50W	GU5.3	500 lm	4000K	40000hrs	90	Yes	929001879708

MASTER ExpertColor MR16

MASTER ExpertColor MR16



Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Cap-Base	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
Master LEDspot MR16 ExpertColor - CRI 97										
MAS LED MR16 ExpertColor 7.2-50W 927 10D	12 V	7.2W	50W	GU5.3	450 lm	2700K	40000hrs	97	Yes	929001241908
MAS LED MR16 ExpertColor 7.2-50W 930 10D	12 V	7.2W	50W	GU5.3	480 lm	3000K	40000hrs	97	Yes	929001242008
MAS LED MR16 ExpertColor 7.2-50W 940 10D	12 V	7.2W	50W	GU5.3	480 lm	4000K	40000hrs	97	Yes	929001242108
MAS LED MR16 ExpertColor 7.2-50W 927 24D	12 V	7.2W	50W	GU5.3	450 lm	2700K	40000hrs	97	Yes	929001242208
MAS LED MR16 ExpertColor 7.2-50W 930 24D	12 V	7.2W	50W	GU5.3	480 lm	3000K	40000hrs	97	Yes	929001242308
MAS LED MR16 ExpertColor 7.2-50W 940 24D	12 V	7.2W	50W	GU5.3	480 lm	4000K	40000hrs	97	Yes	929001242408
MAS LED MR16 ExpertColor 7.2-50W 927 36D	12 V	7.2W	50W	GU5.3	450 lm	2700K	40000hrs	97	Yes	929001242508
MAS LED MR16 ExpertColor 7.2-50W 930 36D	12 V	7.2W	50W	GU5.3	480 lm	3000K	40000hrs	97	Yes	929001242608
MAS LED MR16 ExpertColor 7.2-50W 940 36D	12 V	7.2W	50W	GU5.3	480 lm	4000K	40000hrs	97	Yes	929001242708
MAS LED MR16 ExpertColor 7.2-50W 927 60D	12 V	7.2W	50W	GU5.3	450 lm	2700K	40000hrs	97	Yes	929001341408
MAS LED MR16 ExpertColor 7.2-50W 930 60D	12 V	7.2W	50W	GU5.3	480 lm	3000K	40000hrs	97	Yes	929001341508
MAS LED MR16 ExpertColor 7.2-50W 940 60D	12 V	7.2W	50W	GU5.3	480 lm	4000K	40000hrs	97	Yes	929001341608

Essential LEDspot MR16 (12V and Mains Voltage)

Essential LEDspot MR16 (12V and Mains Voltage)



GU5.3



1

Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Cap-Base	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
Essential LEDspot MR16 - Non-Dimmable & 15000hrs Lifetime										
ESS LED MR16 3-35W 120D 2700K 220V	220-240 V	3W	35W	GU5.3	240 lm	2700K	10000hrs	70	NO	929001844808
ESS LED MR16 3-35W 120D 4000K 220V	220-240 V	3W	35W	GU5.3	240 lm	4000K	10000hrs	70	NO	929001844908
ESS LED MR16 3-35W 120D 6500K 220V	220-240 V	3W	35W	GU5.3	240 lm	6500K	10000hrs	70	NO	929001845008
ESS LED MR16 5-50W 120D 2700K 220V	220-240 V	5W	50W	GU5.3	400 lm	2700K	10000hrs	70	NO	929001844508
ESS LED MR16 5-50W 120D 4000K 220V	220-240 V	5W	50W	GU5.3	400 lm	4000K	10000hrs	70	NO	929001844608
ESS LED MR16 5-50W 120D 6500K 220V	220-240 V	5W	50W	GU5.3	400 lm	6500K	10000hrs	70	NO	929001844708
Essential LEDspot MR16 (12V) - Non-Dimmable & 15000hrs Lifetime										
Essential LED 3-35W 2700K MR16 24D	12 V	3W	35W	GU5.3	260 lm	2700K	15000hrs	80	NO	929001239708
Essential LED 3-35W 6500K MR16 24D	12 V	3W	35W	GU5.3	290 lm	2700K	15000hrs	80	NO	929001239808
Essential LED 5-50W 2700K MR16 24D	12 V	5W	50W	GU5.3	400 lm	2700K	15000hrs	80	NO	929001240108
Essential LED 5-50W 6500K MR16 24D	12 V	5W	50W	GU5.3	435 lm	6500K	15000hrs	80	NO	929001240208

MASTER LEDspot LV MR11

The MR11 spot truly enhances the presentation of silver jewelry, adding sparkle to the items on display.

- Long lifetime
- Clearly defined beam spread
- Compatible with most commonly available halogen transformers. Exclusively suited for electronic transformers



GU4

MASTER LEDspot LV MR11



Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Cap-Base	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
MAS LEDspotLV 3.5-20W 827 MR11 24D	12 V	3.5W	20W	GU4	210 lm	2700K	40000hrs	80	Yes	929001123802

MASTER LEDspot LV AR111

With an elegant new design, MASTER LEDspot LV AR111 creates a brilliant visual effect for retail and hospitality applications like shops, showrooms and galleries. The high quality light brings out the true colors in merchandise, including reds. With excellent rendering of CRI90 and R50<9, colors stay vibrant and natural, enhancing the appeal of everything on display.

- TransforMax
- Dimmable
- High quality of light
- Unique lens design

MASTER LEDspot LV AR111



Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Cap-Base	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
Master LEDspot LV AR111 - Dimmable										
CRI 90 and 40000hrs Lifetime										
MAS LEDspotLV D 50-11W 927 AR24 111D	12 V	11W	50W	G53	620 lm	2700K	40000hrs	90	Yes	929001169808
MAS LEDspotLV D 50-11W 930 AR24 111D	12 V	11W	50W	G53	640 lm	3000K	40000hrs	90	Yes	929001169908
MAS LEDspotLV D 50-11W 927 AR40 111D	12 V	11W	50W	G53	620 lm	2700K	40000hrs	90	Yes	929001170008
MAS LEDspotLV D 50-11W 930 AR40 111D	12 V	11W	50W	G53	640 lm	3000K	40000hrs	90	Yes	929001170108
MAS LEDspotLV D 75-15W 927 AR24 111D	12 V	15W	75W	G53	820 lm	2700K	40000hrs	90	Yes	929001170208
MAS LEDspotLV D 75-15W 930 AR24 111D	12 V	15W	75W	G53	820 lm	3000K	40000hrs	90	Yes	929001170308
MAS LEDspotLV D 75-15W 927 AR40 111D	12 V	15W	75W	G53	820 lm	2700K	40000hrs	90	Yes	929001170408
MAS LEDspotLV D 75-15W 930 AR40 111D	12 V	15W	75W	G53	820 lm	3000K	40000hrs	90	Yes	929001170508
CRI 80 and 25000hrs Lifetime										
MAS LEDspotLV D 100-20W 830 AR12 111D	12 V	20W	100W	G53	1350 lm	3000K	25000hrs	80	Yes	929001170608
MAS LEDspotLV D 100-20W 840 AR12 111D	12 V	20W	100W	G53	1400 lm	4000K	25000hrs	80	Yes	929001170708
MAS LEDspotLV D 100-20W 830 AR24 111D	12 V	20W	100W	G53	1350 lm	3000K	25000hrs	80	Yes	929001170908
MAS LEDspotLV D 100-20W 840 AR24 111D	12 V	20W	100W	G53	1400 lm	4000K	25000hrs	80	Yes	929001171008
MAS LEDspotLV D 100-20W 830 AR40 111D	12 V	20W	100W	G53	1350 lm	3000K	25000hrs	80	Yes	929001171208
MAS LEDspotLV D 100-20W 840 AR40 111D	12 V	20W	100W	G53	1400 lm	4000K	25000hrs	80	Yes	929001171308

Essential and MASTER LEDspot MV PAR

With our LED spots Mains Voltage you can enjoy bright, energizing light, at the same time as saving energy and money. Perfect for task lighting.

- AirFlux
- Longest lifetime
- For accent and general lighting
- Superior light quality
- Maximum energy savings
- New and improved design



Essential and MASTER LEDspot MV PAR



Product Description

	Voltage (V)	Lamp Wattage (W)	Equivalent GLS Wattage (W)	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Color Rendering Index	Dimmable	Product code
Essential LEDspot PAR - Non-Dimmable & 15000hrs Lifetime									
Essential LED 75-9W PAR30S 25 827D	240-220 V	9W	75W	850lm	2700K	15000hrs	80	No	929001389608
Essential LED 80-10W PAR25 827 38D	240-220 V	10W	80W	900lm	2700K	15000hrs	80	No	929001322708
Master LEDspot PAR - Dimmable & 45000hrs Lifetime									
MAS LEDspot D 50-6W E827 27 PAR25 20D	240-220 V	6W	50W	520lm	2700K	25000hrs	80	Yes	929001317408
MAS LEDspot D 60-9W E927 27 PAR30S 25D	240-220 V	9W	60W	630lm	2700K	25000hrs	90	Yes	929001323108
MAS LEDspot D 100-13W E927 27 PAR25 38D	240-220 V	13W	100W	1000lm	2700K	25000hrs	90	Yes	929001322508
Master LEDspot PAR30L - Non-Dimmable & 25000hrs Lifetime									
Master LED PAR30L 20W 15D 830	240-220 V	20W	-	1800lm	3000K	25000hrs	82	No	929001353808
Master LED PAR30L 20W 15D 840	240-220 V	20W	-	1850lm	4000K	25000hrs	82	No	929001353908
Master LED PAR30L 20W 30D 830	240-220 V	20W	-	1800lm	3000K	25000hrs	82	No	929001354008
Master LED PAR30L 20W 30D 840	240-220 V	20W	-	1850lm	4000K	25000hrs	82	No	929001354108
Master LED PAR30L 32W 15D 830	240-220 V	32W	-	3000lm	3000K	25000hrs	82	No	929001354308
Master LED PAR30L 32W 15D 840	240-220 V	32W	-	3000lm	4000K	25000hrs	82	No	929001354408
Master LED PAR30L 32W 15D 857	240-220 V	32W	-	3000lm	5700K	25000hrs	82	No	929001354508
Master LED PAR30L 32W 30D 830	240-220 V	32W	-	3000lm	3000K	25000hrs	82	No	929001354708
Master LED PAR30L 32W 30D 840	240-220 V	32W	-	3000lm	4000K	25000hrs	82	No	929001354808
Master LED PAR30L 32W 30D 857	240-220 V	32W	-	3000lm	5700K	25000hrs	82	No	929001354908
Master LED PAR30L 40W 15D 827	240-220 V	40W	-	3850lm	2700K	25000hrs	82	No	929001374308
Master LED PAR30L 40W 15D 830	240-220 V	40W	-	4000lm	3000K	25000hrs	82	No	929001374408
Master LED PAR30L 40W 15D 840	240-220 V	40W	-	4200lm	4000K	25000hrs	82	No	929001374508
Master LED PAR30L 40W 15D 857	240-220 V	40W	-	4200lm	5700K	25000hrs	82	No	929001374608
Master LED PAR30L 40W 30D 827	240-220 V	40W	-	4300lm	2700K	25000hrs	82	No	929001374708
Master LED PAR30L 40W 30D 830	240-220 V	40W	-	4500lm	3000K	25000hrs	82	No	929001374808
Master LED PAR30L 40W 30D 840	240-220 V	40W	-	4600lm	4000K	25000hrs	82	No	929001374908
Master LED PAR30L 40W 30D 857	240-220 V	40W	-	4600lm	5700K	25000hrs	82	No	929001375008



Essential and MASTER Value LEDspot MV

Everything you value in LED

Thanks to a single optic beam the latest MASTER Value LEDspots provide a clean beam that's free from shadows with a beam angle of 36 and 60 degrees to suit every general lighting application. The perfect replacement for traditional GU10 lamps that are no longer permitted under the ErP

Directive, they are available as a 35 W or 50 W equivalent. They also come in a choice of three colour temperature with a 25,000 lifetime and the option of DimTone technology. Everything you value in LED.



GU10



MASTER Value LEDspot MV



Product type	LED	Traditional	Lumen output	Efficacy	Dimmable	Beam intensity	Beam angle	CRI	Color temp.	Pack	Lifetime	Energy-label	Dimensions	EOC
	W	W	lm	lm/W		cd	°		K		Hrs.		H x W	8718696
MASTER LEDspot MV Value														
D 35-3.7W GU36 927 10D NEW	3,7	35	260	70	Yes	500	36	90	2700	10	35,000	A+	55x50	70773900
D 35-3.7W GU36 930 10D NEW	3,7	35	270	73	Yes	500	36	90	3000	10	35,000	A+	55x50	70775300
D 35-3.7W GU36 940 10D NEW	3,7	35	285	77	Yes	500	36	90	4000	10	35,000	A+	55x50	70777700
D 35-3.7W GU60 927 10D NEW	3,7	35	260	70	Yes	330	36	90	2700	10	35,000	A+	55x50	70779100
D 35-3.7W GU60 930 10D NEW	3,7	35	270	73	Yes	340	36	90	3000	10	35,000	A+	55x50	70781400
D 35-3.7W GU60 940 10D NEW	3,7	35	285	77	Yes	350	36	90	4000	10	35,000	A+	55x50	70783800
D 50-4.9W GU36 927 10D NEW	4,9	50	355	72	Yes	650	36	90	2700	10	35,000	A++	55x50	56310600
D 50-4.9W GU36 930 10D NEW	4,9	50	365	74	Yes	650	36	90	3000	10	35,000	A++	55x50	56314400
D 50-4.9W GU36 940 10D NEW	4,9	50	380	78	Yes	700	36	90	4000	10	35,000	A++	55x50	56318200
D 50-4.9W GU60 927 10D NEW	4,9	50	355	72	Yes	400	36	90	2700	10	35,000	A++	55x50	56312000
D 50-4.9W GU60 930 10D NEW	4,9	50	365	74	Yes	400	36	90	3000	10	35,000	A++	55x50	56316800
D 50-4.9W GU60 940 10D NEW	4,9	50	380	78	Yes	400	36	90	4000	10	35,000	A++	55x50	56320500

Please refer to the site www.philips.com/masterledlamps for the latest information about dimming MASTER LEDlamps and about transformer compatibility.





LED Indoor

PHILIPS

SmartBright
LED Downlight

DN020B series



Essential SmartBright DN020B LED Downlight

Essential SmartBright DN020B LED Downlight is a value for money product with good lighting performance. It offers wide lumen output from 600lm to 2000lm with multiple cut out dimensions from D90mm to D200mm. It can be used for retail store, residential and office application. It's an ideal product family to distribute in professional trade market.

Feature & Benefits

- Full range of lumen output from 600lm to 2000lm
- 3 Colour temperatures (3000/4000/6500K)
- Multiple cut out dimensions (D90-200)
- 75lm/w System Efficacy15K (ta=25C L70) hours life time
- A complete family offer to customer
- Flexible to suit your style
- Easy to fit various installations
- To replace conventional downlights perfectly

Applications

- Retail
- Office
- Residential
- General lighting

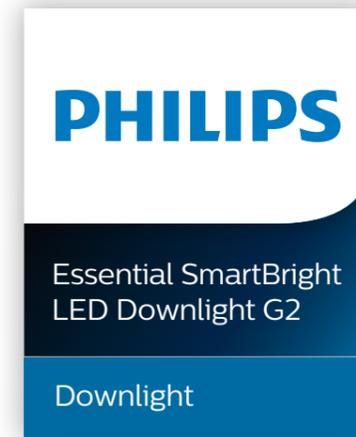
Specifications

	DN020B – (Recessed Round)					
Type	LED6	LED9	LED12	LED15	LED20	
lumen output	600lm	900lm	1200lm	1500lm	2000lm	
Cut-out (mm)	Ø90;Ø125	Ø125;Ø150	Ø150	Ø175	Ø200	
SDCM	<5					
CRI	>80					
CCT	3000K / 4000K / 6500K					
Voltage	220-240V-50/60Hz					
Power		8w	12w	6w	20w	24w
Efficacy	Up to 75 lm/w					
PF	Up to 0.5					
LED driver	Fixed output (Integrated with luminaire)					
Connection	150mm flex					
Materials and finishing	Plastic white housing					
Lifetime	15,000 hours (L70B50 @ 25°C)					
Working Temp.	-20°C < Ta < +40°C					
Electrical Class	Class II					
IP rating	IP20					
Certifications	CB, CE, CCC					



DN020 Product Portfolio

Product Description	Frequency (Hz)	Lumen Output (lm)	Color Temperature (K)	Lifetime (hrs)	Power Factor	IP	IK	Country of Origin	Product code
DN020B LED20/CW 24W 220-240V D200 RD	50	2000	6500	15K	0.5	20	02	CN	911401715742
DN020B LED20/NW 24W 220-240V D200 RD	50	2000	4000	15K	0.5	20	02	CN	911401715732
DN020B LED20/WW 24W 220-240V D200 RD	50	2000	3000	15K	0.5	20	02	CN	911401715722
DN020B LED15/CW 20W 220-240V D175 RD	50	1500	6500	15K	0.5	20	02	CN	911401715712
DN020B LED15/NW 20W 220-240V D175 RD	50	1500	4000	15K	0.5	20	02	CN	911401715702
DN020B LED15/WW 20W 220-240V D175 RD	50	1500	3000	15K	0.5	20	02	CN	911401715692
DN020B LED12/CW 16W 220-240V D150 RD	50	1200	6500	15K	0.5	20	02	CN	911401715682
DN020B LED12/NW 16W 220-240V D150 RD	50	1200	4000	15K	0.5	20	02	CN	911401715672
DN020B LED12/WW 16W 220-240V D150 RD	50	1200	3000	15K	0.5	20	02	CN	911401715662
DN020B LED9/CW 12W 220-240V D150 RD	50	900	6500	15K	0.5	20	02	CN	911401715652
DN020B LED9/NW 12W 220-240V D150 RD	50	900	4000	15K	0.5	20	02	CN	911401715642
DN020B LED9/WW 12W 220-240V D150 RD	50	900	3000	15K	0.5	20	02	CN	911401715632
DN020B LED9/CW 12W 220-240V D125 RD	50	900	6500	15K	0.5	20	02	CN	911401715622
DN020B LED9/NW 12W 220-240V D125 RD	50	900	4000	15K	0.5	20	02	CN	911401715612
DN020B LED9/WW 12W 220-240V D125 RD	50	900	3000	15K	0.5	20	02	CN	911401715602
DN020B LED6/CW 8W 220-240V D125 RD	50	600	6500	15K	0.5	20	02	CN	911401715592
DN020B LED6/NW 8W 220-240V D125 RD	50	600	4000	15K	0.5	20	02	CN	911401715582
DN020B LED6/WW 8W 220-240V D125 RD	50	600	3000	15K	0.5	20	02	CN	911401715572
DN020B LED6/CW 8W 220-240V D90 RD	50	600	6500	15K	0.5	20	02	CN	911401715562
DN020B LED6/NW 8W 220-240V D90 RD	50	600	4000	15K	0.5	20	02	CN	911401715552
DN020B LED6/WW 8W 220-240V D90 RD	50	600	3000	15K	0.5	20	02	CN	911401715542



Less Hassle, More Savings

Essential SmartBright LED Downlight G2

Essential SmartBright G2 LED Downlight is value for money product with high efficacy, good quality and reliability. It offers multiple configurations from 300lm to 2000lm output, to replace conventional downlight. It can be used for shopping mall, retail store, residential and office. It's an ideal product family to distribute in trade market.

Benefits

- Reliability and safety: meets national and international regulation
- Energy saving: High system efficacy with lower power consumption
- Diversity: One stop shopping with multiple choices of recess round, square as well as surface-mount to fit your dedicated applications
- Easy to install with slim design

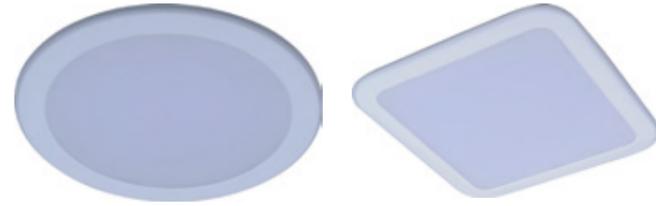
Features

- Long life time: 20Khrs (L70B50@25°C)
- System efficiency: up to 85lm/W
- One family offers recess round, square and surface mount options
- Slim design: 33mm housing body height

Application

- Retail
- Office
- Residential

Versions



DN027B/DN003B/DN004B D90 RD

DN027B/DN003B/DN004B L100 SQ

Product details



Essential SmartBright DN027B Round



Essential SmartBright DN027B Square



Essential SmartBright DN027C Round

Approval and Application

Mech. Impact protection code	IK02
Ingress protection code	IP20

General Information

Driver Included	Yes
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Initial Performance (IEC Compliant)

Init. Color Rendering Index	80
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Product Description	Voltage (V)	Wattage (W)	Frequency (Hz)	Lumen Output (lm)	Color Rendering Index	Lifetime (hrs)	Power Factor	IP	IK	Country of Origin	Product code
DN027B L100 Square Shape											
DN027B LED3/WW L100 SQ	220-240 V	4W	50/60	300 lm	80	20000hrs	0.8	IP40	IK02	CN	911401813597
DN027B LED3/NW L100 SQ	220-240 V	4W	50/60	300 lm	80	20000hrs	0.8	IP40	IK02	CN	911401813697
DN027B LED3/CW L100 SQ	220-240 V	4W	50/60	300 lm	80	20000hrs	0.8	IP40	IK02	CN	911401813797
DN027B LED6/WW L100 SQ	220-240 V	7W	50/60	600 lm	80	20000hrs	0.8	IP40	IK02	CN	911401813897
DN027B LED6/NW L100 SQ	220-240 V	7W	50/60	600 lm	80	20000hrs	0.8	IP40	IK02	CN	911401813997
DN027B LED6/CW L100 SQ	220-240 V	7W	50/60	600 lm	80	20000hrs	0.8	IP40	IK02	CN	911401814097
DN027B L125 Square Shape											
DN027B LED6/WW L125 SQ	220-240 V	7W	50/60	300 lm	80	20000hrs	0.8	IP40	IK02	CN	911401814197
DN027B LED6/NW L125 SQ	220-240 V	7W	50/60	300 lm	80	20000hrs	0.8	IP40	IK02	CN	911401814297
DN027B LED6/CW L125 SQ	220-240 V	7W	50/60	300 lm	80	20000hrs	0.8	IP40	IK02	CN	911401814397
DN027B LED9/WW L125 SQ	220-240 V	11W	50/60	600 lm	80	20000hrs	0.8	IP40	IK02	CN	911401814497
DN027B LED9/NW L125 SQ	220-240 V	11W	50/60	600 lm	80	20000hrs	0.8	IP40	IK02	CN	911401814597
DN027B LED9/CW L125 SQ	220-240 V	11W	50/60	600 lm	80	20000hrs	0.8	IP40	IK02	CN	911401814697
DN027B L150 Square Shape											
DN027B LED6/WW L150 SQ	220-240 V	7W	50/60	600 lm	80	20000hrs	0.8	IP40	IK02	CN	911401814797
DN027B LED6/NW L150 SQ	220-240 V	7W	50/60	600 lm	80	20000hrs	0.8	IP40	IK02	CN	911401814897
DN027B LED6/CW L150 SQ	220-240 V	7W	50/60	600 lm	80	20000hrs	0.8	IP40	IK02	CN	911401814997
DN027B LED9/WW L150 SQ	220-240 V	11W	50/60	900 lm	80	20000hrs	0.8	IP40	IK02	CN	911401815097
DN027B LED9/NW L150 SQ	220-240 V	11W	50/60	900 lm	80	20000hrs	0.8	IP40	IK02	CN	911401815197
DN027B LED9/CW L150 SQ	220-240 V	11W	50/60	900 lm	80	20000hrs	0.8	IP40	IK02	CN	911401815297
DN027B LED12/WW L150 SQ	220-240 V	15W	50/60	1200 lm	80	20000hrs	0.8	IP40	IK02	CN	911401815397
DN027B LED12/NW L150 SQ	220-240 V	15W	50/60	1200 lm	80	20000hrs	0.8	IP40	IK02	CN	911401815497
DN027B LED12/CW L150 SQ	220-240 V	15W	50/60	1200 lm	80	20000hrs	0.8	IP40	IK02	CN	911401815597
DN027C D150 Surface Mounted											
DN027C LED9/WW D150	220-240 V	11W	50/60	900 lm	80	20000hrs	0.8	IP40	IK02	CN	911401815697
DN027C LED9/NW D150	220-240 V	11W	50/60	900 lm	80	20000hrs	0.8	IP40	IK02	CN	911401815797
DN027C LED9/CW D150	220-240 V	11W	50/60	900 lm	80	20000hrs	0.8	IP40	IK02	CN	911401815897
DN027C D175 Surface Mounted											
DN027C LED12/WW D175	220-240 V	15W	50/60	1200 lm	80	20000hrs	0.8	IP40	IK02	CN	911401815997
DN027C LED12/NW D175	220-240 V	15W	50/60	1200 lm	80	20000hrs	0.8	IP40	IK02	CN	911401816097
DN027C LED12/CW D175	220-240 V	15W	50/60	1200 lm	80	20000hrs	0.8	IP40	IK02	CN	911401816197
DN027C D200 Surface Mounted											
DN027C LED15/WW D200	220-240 V	18W	50/60	1500 lm	80	20000hrs	0.8	IP40	IK02	CN	911401816297
DN027C LED15/NW D200	220-240 V	18W	50/60	1500 lm	80	20000hrs	0.8	IP40	IK02	CN	911401816397
DN027C LED15/CW D200	220-240 V	18W	50/60	1500 lm	80	20000hrs	0.8	IP40	IK02	CN	911401816497
DN027C D225 Surface Mounted											
DN027C LED20/WW D225	220-240 V	23W	50/60	2000 lm	80	20000hrs	0.8	IP40	IK02	CN	911401816597
DN027C LED20/NW D225	220-240 V	23W	50/60	2000 lm	80	20000hrs	0.8	IP40	IK02	CN	911401816697
DN027C LED20/CW D225	220-240 V	23W	50/60	2000 lm	80	20000hrs	0.8	IP40	IK02	CN	911401816797

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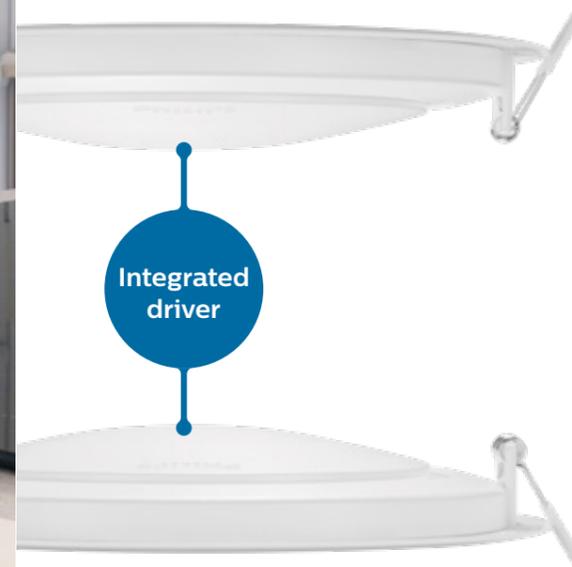
Marcasite

Downlight



Even and comfortable light in a compact fit

For soft and long-lasting illumination in your home



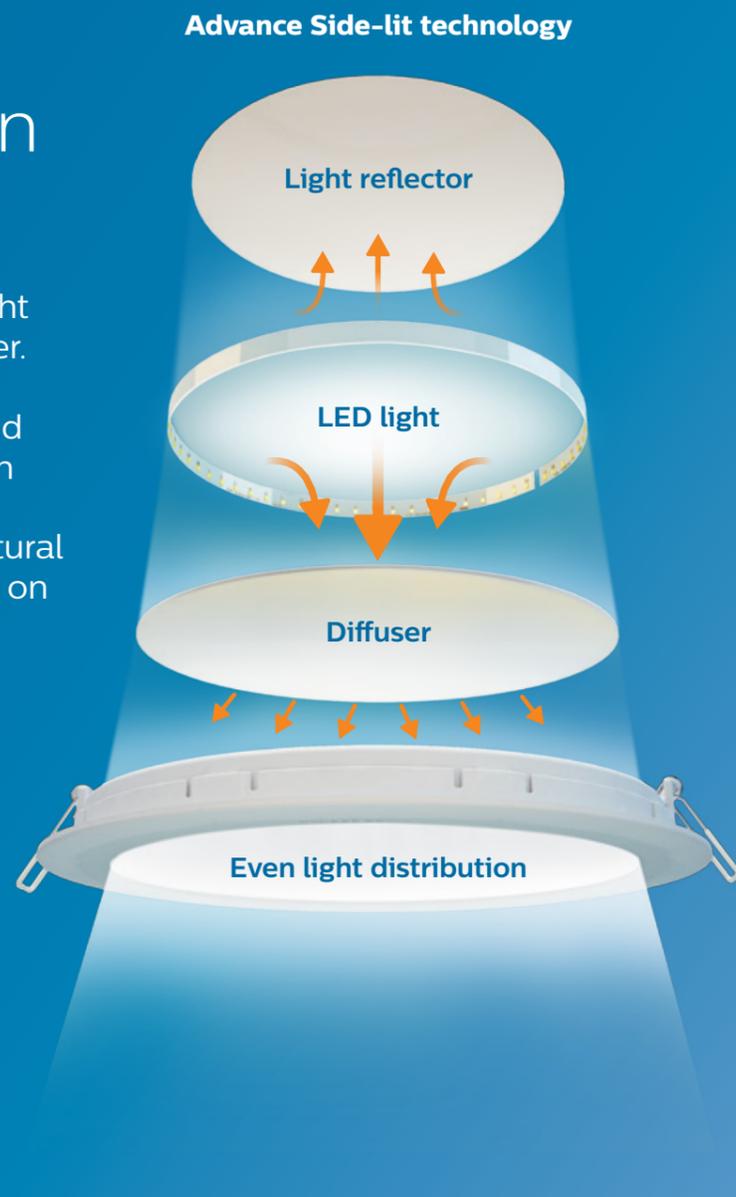
Hassle-free installation **Snap, slide, fit**

Experience a seamless installation of Philips Marcasite LED Downlight on any false ceiling. Wire your downlight to the power source and install it in 3 simple steps. **Snap** the attached spring clips upwards, **slide** it into your false ceiling and the downlight fits.

Enjoy **soft and evenly lit** spaces in your home

Advance Side-lit technology allows light to be reflected via a high quality diffuser. Light emitted is evenly distributed with low glare, comfortable for your eyes and makes an ideal home lighting. With high color rendering, Philips Marcasite LED Downlight reveals colors in its close natural state, providing good color distinctions on illuminated objects.

Powered by LED source, enjoy light that offers optimal brightness and energy savings today.



Product series

Philips Marcasite LED Downlight offers a collection of classic and circular downlight of different shapes and sizes to complement your interiors.

Round models	59536/31	59537/31
Material Synthetics	Wattage LED integrated 13W	Wattage LED integrated 15W
Voltage 220 – 240V	Lumen 1000lm, 1050lm	Lumen 1100lm, 1150lm
Color temperature Available in warm white light (3000K), cool white light (4000K), cool daylight (6500K)	Dimensions (mm) 185 x 185 x 31	Dimensions (mm) 210 x 210 x 31
	Cut out size (mm) Ø 175	Cut out size (mm) Ø 200

12NC	Description	Diameter (mm)
915005578501	59536 MCSLITE 175 14W 30K WH	175
915005578601	59536 MCSLITE 175 14W 40K WH	175
915005578701	59536 MCSLITE 175 14W 65K WH	175
915005578801	59537 MCSLITE 200 15W 30K WH	200
915005578901	59537 MCSLITE 200 15W 40K WH	200
915005579001	59537 MCSLITE 200 15W 65K WH	200



3 color temperature options

Choose your desired light settings from 3 different color temperatures, ranging from 3000K (warm white light), 4000K (cool white light) to 6500K (cool daylight) for your ultimate home experience.



PHILIPS

Essential
Smartbright

LED Spot RS022B



Essential SmartBright LED Spot

Features & Benefits

- **Retrofit conventional with energy saving**
 - Various lumen package to replace conventional solution
 - Concentrated light source to simulate CoB or single light source, MR16 alike
- **Compact design for greater functionality and versatility**
 - All in one, slim design with integrated driver, makes installation a breeze
 - Compact design with low height fits tight spaces, enabling easy installation into low suspension ceilings or false ceilings
- **Leading brand with safety and quality assurance**
 - Meets international standards and certifications.
 - Reliability and quality that offers peace of mind.
 - LED technology ensures long lifespan with minimal maintenance, bringing you value for money, and cost savings in electricity bills in the long-run.
- **Easy installation and replacement**
 - Various lumen package to replace conventional solution with significant energy saving
 - Concentrated light source to simulate CoB or single light source, MR16-like. And with higher efficiency reflector and better glare control.

Slim and compact downlight

Create a cozy and comfortable lighting experience in your home with Philips Marcasite LED Downlight. Engineered in a spacesaving, slim profile of 31 mm height with an integrated driver, this downlight is crafted for homeowners with low false ceilings. Philips Marcasite LED Downlight offers optimal lighting quality and durable performance in a compact fit for your home.

Philips Marcasite LED Downlight features at a glance:



Slim design



Even light
distribution



Easy
installation



Natural color
rendering (CRI)



Energy saving



Long-lasting

Essential SmartBright LED Spot

Application

One to one retrofit



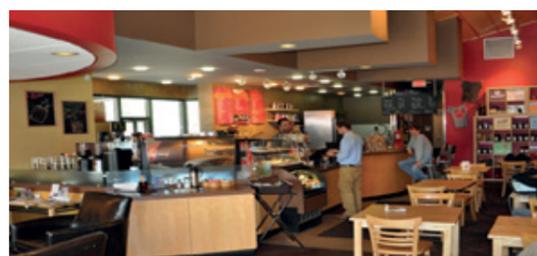
Retail store



Restaurant



Coffee shop



Hotel



Display rack



Essential SmartBright LED Spot

Specification

Light	Flux packages (lm)	Typical. 200lm, 480lm, 780lm
	CCT (K)	3000K, 4000K
	CRI	80
Optics	SDCM	<5
	Beam shapes	MB(30°) / WB(55°)
	Glare control	Deep single light source
	exit window (material, clear, diffuse...)	reflector + diffuser
Electrical	Input voltage	220-240 V / 50-60 Hz
	Power Factor	0.5
	System efficiency	>60lm/W
	System wattage	3W, 6W, 10W
	Dimming/Control	N.A
	Emergency lighting	N.A
	Connection (push-in, quick disconnect...)	15cm flying cable (120cm flexi plug cable for ANZ version)
Lifetime	Serviceability Electrical	N.A.(integrated driver)
	LED life time	15k hrs (L70B50@25°C)
	Driver life time	15k hrs
Environment	Operating temperature	-20°C ~ +40°C
	IP	IP20
	IK	IK02
	Class	II
Mechanical	Dimensions(mm)	Cut-out: 65/68/78 Size: Ø73xH37;Ø79XH43; Ø89xH49
	Shapes	Round
	Mounting	Recessed
	Housing material	Over molding Plastic over Alum
	Housing Color	White
	Aiming/Tilt	Adjustable: 25° (vertical)
	Installation effort (# of steps) accessories	Single person (3-step) N.A.
Approbation / Norms	Min. approbation	CB,EMC,CE, SAA
	Sustainability (RoHS, REACH, E*...)	RoHs
	Fire rating / Glow wire...	GW750

Product Portfolio

Product Description	Voltage (V)	Wattage (W)	Frequency (Hz)	Color Temperature (K)	Lumen Output (lm)	CRI	Lifetime (hrs)	Power Factor	IP	IK	Country of Origin	Product code
RS022B LED2 3000K WB SI ENG	220-240 V	3W	50/60	WW	200 lm	80	15000hrs	0.5	IP20	IK02	CN	911401637403
RS022B LED2 4000K MB SI ENG	220-240 V	3W	50/60	NW	200 lm	80	15000hrs	0.5	IP20	IK02	CN	911401637503
RS022B LED2 3000K MB WH ENG	220-240 V	3W	50/60	WW	200 lm	80	15000hrs	0.5	IP20	IK02	CN	911401637603
RS022B LED2 4000K MB WH ENG	220-240 V	3W	50/60	NW	200 lm	80	15000hrs	0.5	IP20	IK02	CN	911401637803
RS022B LED2 4000K WB WH ENG	220-240 V	3W	50/60	NW	200 lm	80	15000hrs	0.5	IP20	IK02	CN	911401638003
RS022B LED2 3000K MB SI ENG	220-240 V	3W	50/60	NW	200 lm	80	15000hrs	0.5	IP20	IK02	CN	911401637703
RS022B LED2 4000K WB SI ENG	220-240 V	3W	50/60	NW	200 lm	80	15000hrs	0.5	IP20	IK02	CN	911401637903
RS022B LED5 3000K MB SI ENG	220-240 V	6W	50/60	WW	500 lm	80	15000hrs	0.5	IP20	IK02	CN	911401638103
RS022B LED5 4000K MB SI ENG	220-240 V	6W	50/60	NW	500 lm	80	15000hrs	0.5	IP20	IK02	CN	911401638203
RS022B LED5 4000K MB WH ENG	220-240 V	6W	50/60	NW	500 lm	80	15000hrs	0.5	IP20	IK02	CN	911401638303
RS022B LED5 3000K WB SI ENG	220-240 V	6W	50/60	WW	500 lm	80	15000hrs	0.5	IP20	IK02	CN	911401638403
RS022B LED5 3000K WB WH ENG	220-240 V	6W	50/60	WW	500 lm	80	15000hrs	0.5	IP20	IK02	CN	911401638503
RS022B LED5 4000K WB SI ENG	220-240 V	6W	50/60	NW	500 lm	80	15000hrs	0.5	IP20	IK02	CN	911401638603
RS022B LED5 4000K WB WH ENG	220-240 V	6W	50/60	NW	500 lm	80	15000hrs	0.5	IP20	IK02	CN	911401638703
RS022B LED8 3000K MB SI ENG	220-240 V	10W	50/60	WW	800 lm	80	15000hrs	0.5	IP20	IK02	CN	911401638803
RS022B LED8 3000K MB WH ENG	220-240 V	10W	50/60	WW	800 lm	80	15000hrs	0.5	IP20	IK02	CN	911401638903
RS022B LED8 4000K MB SI ENG	220-240 V	10W	50/60	NW	800 lm	80	15000hrs	0.5	IP20	IK02	CN	911401639003
RS022B LED8 4000K MB WH ENG	220-240 V	10W	50/60	NW	800 lm	80	15000hrs	0.5	IP20	IK02	CN	911401639103



Essential lighting for a bright home

Manipulate the direction of your light in different ways with Philips Pomeron LED spotlight's adjustable head in 2 axis rotation. With a stylish white design that enhances your décor, bask in strong, focused beam with an accented feel.

Energy saving

- Built-in Philips conventional ballast

Easy to Experience

- Adjustable light angle



Specifications

Design and finishing

- Material: metal
- Color: white

- Lifetime up to: 15,000hrs
- IP code: IP20, protection against objects bigger than 12.5 mm, no protection against water
- Class of protection: II - double insulated

12NC	Description	Wattage	Lumen Output	Color Temperature
915005444301	59774 POMERON 3 070W 27K WH recessed LED	3W	250	2700K
915005444401	59774 POMERON 3 070W 40K WH recessed LED	3W	250	4000K
915005444501	59775 POMERON 5 070W 27K WH recessed LED	5W	290	2700K
915005444601	59775 POMERON 5 070W 40K WH recessed LED	5W	300	4000K
915005444701	59776 POMERON 7 070W 27K WH recessed LED	7W	390	2700K
915005444801	59776 POMERON 7 070W 40K WH recessed LED	7W	400	4000K



Essential lighting for a bright home

With its adjustable head, Philips Kyanite LED spotlight accentuates your ambiance directed to any area you desire, illuminating the highlights of your home in a bright, focused beam. Bask in beautiful light to create wonderful moments.

Energy saving

- Built-in Philips conventional ballast

Ease of use

- Space-saving design



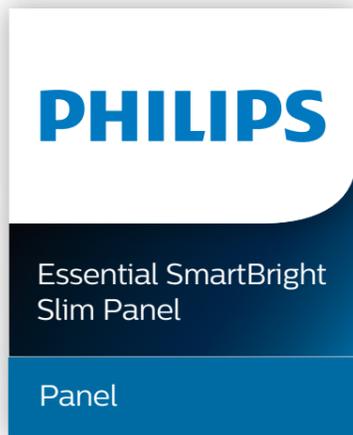
Specifications

Design and finishing

- Material: metal
- Color: white

- Lifetime up to: 15,000 hrs
- IP code: IP20, protection against objects bigger than 12.5 mm, no protection against water
- Class of protection: II - double insulated

12NC	Description	Wattage	Lumen Output	Color Temperature
915005443901	59751 KYANITE 3 070W 27K WH recessed LED	3W	200	2700K
915005444001	59751 KYANITE 3 070W 40K WH recessed LED	3W	200	4000K
915005444101	59752 KYANITE 5 070W 27K WH recessed LED	5W	310	2700K
915005444201	59752 KYANITE 5 070W 40K WH recessed LED	5W	310	4000K



Most affordable LED panel with excellent light quality

SmartBright Slim Panel

SmartBright Slim Panel provides the most affordable LED solution to replace TL troffer. Its slim design (height of luminaire only 10mm) and multiple mounting options cater various applications (including plastic ceiling). As an edge light architecture, SlimBright Slim Panel delivers comfortable light with Excellent uniformity.

Benefits

- 50% more energy efficient compared to conventional TL solution
- Full window illumination –deliver comfortable light with excellent uniformity
- Slim design with height of only 10mm

Features

- System efficacy 80lm/W
- CRI > 80, SDCM 5
- High reliability, 25k hours (L70@25deg)

Application

- Open plan office
- Cell office
- Hospital
- Meeting/Training room



Versions



RC091V W60L60

RC091V W30L120

Application Conditions		General Information		Initial Performance (IEC Compliant)	
Ambient temperature range	-10 to +35 °C	Beam angle of light source	- °	Initial chromaticity	(0.43, 0.40)
Maximum dim level	Not applicable	CE mark	CE mark		SDCM>5
Suitable for random switching	Not applicable	Protection class IEC	Safety class II	Init. Color Rendering Index	>80
Approval and Application		Driver included	Yes	Initial LED luminaire efficacy	80 lm/W
Mech. impact protection code	IK02	Flammability mark	-	Luminous flux tolerance	+/-10%
Ingress protection code	IP20	Glow-wire test	Temperature 650 °C, duration 30 s	Mechanical and Housing	
Controls and Dimming		Light source replaceable	No	Color	White
Dimmable	No	Number of gear units	1 unit		
Operating and Electrical		Optic type	Wide beam		
Input Voltage	220/240 V				

Initial Performance (IEC Compliant)

Product Description	Voltage (V)	Wattage (W)	Color Temperature (K)	Lumen Output (lm)	Lifetime (hrs)	IP	IK	Country of Origin	Product code
4in 1 Pack without individual packing. PCV Accessory to be ordered seperately.									
RC091V LED36S/865 PSU W30L120 GM G2	240-220 V	45W	6500K	3600 lm	25000hrs	IP20	IK02	CN	911401723842
RC091V LED36S/840 PSU W30L120 GM G2	240-220 V	45W	4000K	3600 lm	25000hrs	IP20	IK02	CN	911401723832
RC091V LED36S/865 PSU W60L60 GM G2	240-220 V	45W	6500K	3600 lm	25000hrs	IP20	IK02	CN	911401723822
RC091V LED36S/840 PSU W60L60 GM G2	240-220 V	45W	4000K	3600 lm	25000hrs	IP20	IK02	CN	911401723812
RC091V LED26S/865 PSU W30L120 GM G2	240-220 V	34W	6500K	2600 lm	25000hrs	IP20	IK02	CN	911401723802
RC091V LED26S/840 PSU W30L120 GM G2	240-220 V	34W	4000K	2600 lm	25000hrs	IP20	IK02	CN	911401723792
RC091V LED26S/865 PSU W60L60 GM G2	240-220 V	34W	6500K	2600 lm	25000hrs	IP20	IK02	CN	911401723782
RC091V LED26S/840 PSU W60L60 GM G2	240-220 V	34W	4000K	2600 lm	25000hrs	IP20	IK02	CN	911401723772
4in 1 Pack with individual packing. PCV Accessory to be ordered seperately.									
RC091V LED36S/865 PSU W30L120 GM G2 MR	240-220 V	45W	6500K	3600 lm	25000hrs	IP20	IK02	CN	911401723922
RC091V LED36S/840 PSU W30L120 GM G2 MR	240-220 V	45W	4000K	3600 lm	25000hrs	IP20	IK02	CN	911401723912
RC091V LED36S/865 PSU W60L60 GM G2 MR	240-220 V	45W	6500K	3600 lm	25000hrs	IP20	IK02	CN	911401723902
RC091V LED36S/840 PSU W60L60 GM G2 MR	240-220 V	45W	4000K	3600 lm	25000hrs	IP20	IK02	CN	911401723892
RC091V LED26S/865 PSU W30L120 GM G2 MR	240-220 V	34W	6500K	2600 lm	25000hrs	IP20	IK02	CN	911401723882
RC091V LED26S/840 PSU W30L120 GM G2 MR	240-220 V	34W	4000K	2600 lm	25000hrs	IP20	IK02	CN	911401723872
RC091V LED26S/865 PSU W60L60 GM G2 MR	240-220 V	34W	6500K	2600 lm	25000hrs	IP20	IK02	CN	911401723862
RC091V LED26S/840 PSU W60L60 GM G2 MR	240-220 V	34W	4000K	2600 lm	25000hrs	IP20	IK02	CN	911401723852
PCV Accessory									
RC091Z PCV Accessory									911401724242

PHILIPS

Essential
Smartbright

LED batten G1



Essential Smartbright T8 integrated LED batten

Smart Bright LED Batten G2

Is an affordable replacement for T5 and T8battens in indirect lighting solutions, such as pelmet or cove lighting. The product comes in a variety of lengths, and an excellent lifetime of 15,000hours. The product also comes with a plug in the packaging so is easy for installation.

Benefits

- Single piece Integral design for better aesthetics
- Suitable brightness
- Light quality combined with good energy savings
- Optimal optical design to ensure no spottiness
- Reliable long lasting solution
- 35% cost down vs smartbright batten BN012C

Features

- One piece PC extrusion housing
- 1,600lm@4ft and 800lm@2ft
- CRI 70, SDCM <7, 100lm/W
- Uniform Light
- L70 15k hours
- Cost control

Application

- Direct lighting
- Supermarket, convenient store
- Office
- Industry
- Classroom
- Indirect lighting
- Cove
- Under shelf

Claim

An Easier Way to More Savings on T8 batten application

Reason to believe

- One piece PC extrusion housing
- Side cable entry
- Individual version

COMING
IN SEP

Key specifications + range

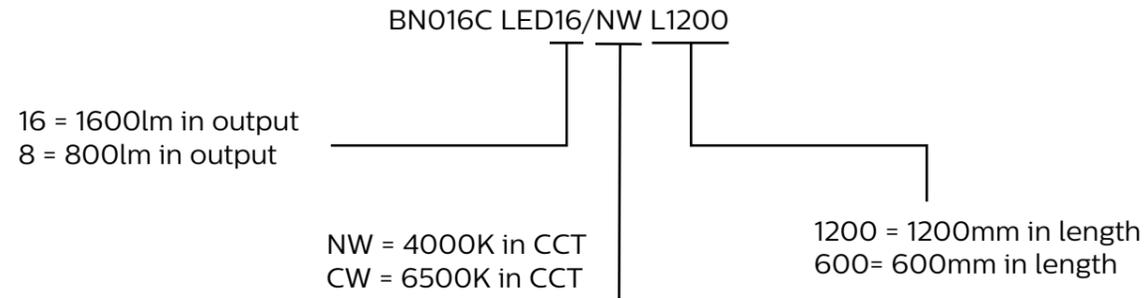
- 1600/800lm for 4ft/2ft
- 16W/8W for 4ft and 2ft
- Efficacy Typical: 100lm/W
- Standalone type
- CRI >70; CCT: 4000/6500K
- Color consistence: SDCM <7
- 15KHrs @Ta25C
- Working temperature range: -20 ~ 40°C
- Class II, 220-240V 50/60Hz,
- PF:0.5
- CCC/CB/EMC
- Look & feel: same as BN012

Keep the look & feel of Smartbright batten

Design for versatility, without compromise in robustness

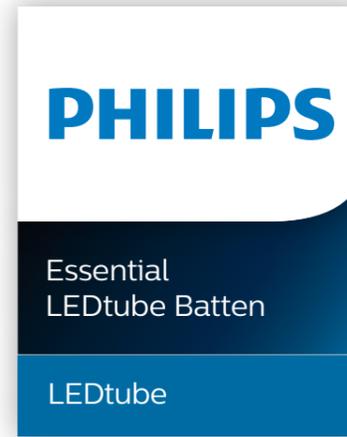


Product designation



BN016 Product Portfolio

Product Description	Frequency (Hz)	Lumen Output (lm)	Color Rendering Index	Lifetime (hrs)	Power Factor	IP	IK	Country of Origin	Product code
BN016C LED8/NW L600 GM	50/60	800	80	15000hrs	0.5	IP20	IK02	CN	911401709882
BN016C LED8/CW L600 GM	50/60	800	80	15000hrs	0.5	IP20	IK02	CN	911401709892
BN016C LED16/NW L1200 GM	50/60	1600	80	15000hrs	0.5	IP20	IK02	CN	911401709902
BN016C LED16/CW L1200 GM	50/60	1600	80	15000hrs	0.5	IP20	IK02	CN	911401709912



Elegant design batten for Philips TLED

Essential LEDtube Batten

This product is one bare batten for matching Philips TLED product with elegant design and more safety

Benefits

- Designed for Philips LEDtube lamp
- Enhanced safety design for usage and re-lamping
- Hassle-free installation

Features

- One end power supply, dedicatedly designed for Philips LEDtube 4ft/2ft
- Warning message in different languages on use of recommended lamp type
- In-built fuse protects against incorrect use with fluorescent lamp
- Compliant with IEC 60598 standard
- Wire "guide" slot to enable easy and tidy installation
- Clip-on brackets

Application

- General lighting, indoor
- Indoor car park, industry, shop, office, school
- Long distance linear lighting

Versions

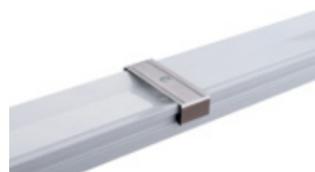


BN010C 1xTLED L600

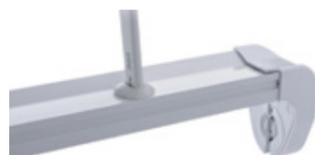
Product details



Essential LEDtube batten G1 BN010C top



Essential LEDtube batten G1 BN010C middle



Essential LEDtube batten G1 BN010C quarter



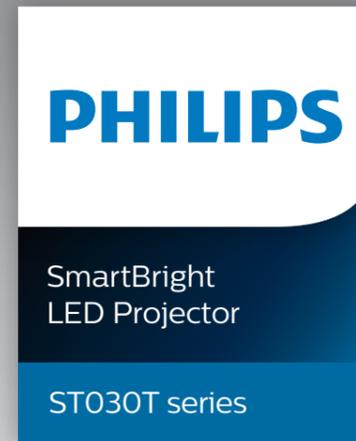
Essential LEDtube batten G1 BN010C side



Essential LEDtube batten G1 BN010C quarter2

BN010 Product Portfolio

Product Description	Country of Origin	Product code	Indicative Minimum order quantity Pcs.
BN010C 1xTLED L600 P	CN	911401576031	20
BN010C 1xTLED L1200 P	CN	911401576131	20
BN010C 1xTLED L600 P EN	CN	911401576431	20
BN010C 1xTLED L1200 P EN	CN	911401576531	20
BN010C 1xTLED L600 P M EN	CN	911401576631	20
BN010C 1xTLED L1200 P M EN	CN	911401576731	20
BN010C 1xTLED L580 P	CN	911401576831	20
BN010C 1xTLED L600 EN	CN	911401576931	20
BN010C 1xTLED L1200 EN	CN	911401577031	20



Essential SmartBright LED Projector ST030T

Essential SmartBright LED Projector is value for money product with high efficacy, good quality and reliability. It offers diverse configurations from 800lm to 3000lm output, and better beam performance with lens design. It could apply to shopping mall, retail store, It' s an ideal product family to distribute in trade market.

Feature & Benefits

- System efficiency, up to 85lm/W
- CRI 80+, SDCM <5
- Beam Angle: 24 degree, 36 degree
- CCT: 3000K, 4000K, 5000K(G.C)
- High reliability, 20Khrs (L70B50@25°C)
- Mounting Type : 1C Track
- Full range of lumen output from 800lm to 3000lm
- Reliability and safety: meets national and international regulation
- Energy saving: High system efficacy with lower power consumption

Applications

- Retail shop
- Fashion store
- Shopping mall

Specifications

ST030T – (CN/GM version)				
Type	LED8	LED12	LED20	LED30
lumen output	800lm	1200lm	2000lm	3000lm
Power consumption	8w	14w	23w	35w
Efficacy	100 lm/w	Up to 85 lm/w		
SDCM	SDCM (3000K, 4000K) <5, SDCM (5000K) <6			
CRI	>80			
Beam Angle	24/36 degree			
CCT	3000K / 4000K/5000K (CN)			
Voltage	AC 220-240V~ 50/60Hz			
Size of Head	Φ50x100mm (head)	Φ60x105mm (head)	Φ80x125mm (head)	
Dimension (L*H*W)	130*174*52mm	130*178*52mm	180*192*60mm	
Adjustment Angle	pane angle: 0->345; tilt angle : 0-90			
PF	Up to 0.9			
Adaptor	1C track			
Materials and finishing	Luminaire Body: Metal housing with white (RAL9003), Black (RAL9017) Electric box: PC housing with white(RAL9003), Black (RAL9017)			
Lifetime	20,000 hours (L70B50 @ 25°C)			
Working Temp.	- 20°C < Ta < +40°C			
Electrical Class	Class I			
IP rating	IP20			
Certifications	CCC, CB, EMC			

LED Projector ST030T Product Portfolio

Product Description	Frequency (Hz)	Color Temperature (K)	Lumen Output (lm)	Color Rendering Index	Lifetime (hrs)	Power Factor	IP	IK	Country of Origin	Product code
ST030T LED8/830 10W 220-240V I NB WH	50/60	3000K	800	80	20000hrs	0.90	IP20	IK02	CN	911401714212
ST030T LED8/840 10W 220-240V I NB WH	50/60	4000K	800	80	20000hrs	0.90	IP20	IK02	CN	911401714222
ST030T LED8/830 10W 220-240V I MB WH	50/60	3000K	800	80	20000hrs	0.90	IP20	IK02	CN	911401714232
ST030T LED8/840 10W 220-240V I MB WH	50/60	4000K	800	80	20000hrs	0.90	IP20	IK02	CN	911401714242
ST030T LED12/830 15W 220-240V I NB WH	50/60	3000K	1200	80	20000hrs	0.90	IP20	IK02	CN	911401714252
ST030T LED12/840 15W 220-240V I NB WH	50/60	4000K	1200	80	20000hrs	0.90	IP20	IK02	CN	911401714262
ST030T LED12/830 15W 220-240V I MB WH	50/60	3000K	1200	80	20000hrs	0.90	IP20	IK02	CN	911401714272
ST030T LED12/840 15W 220-240V I MB WH	50/60	4000K	1200	80	20000hrs	0.90	IP20	IK02	CN	911401714282
ST030T LED20/830 25W 220-240V I NB WH	50/60	3000K	2000	80	20000hrs	0.90	IP20	IK02	CN	911401714292
ST030T LED20/840 25W 220-240V I NB WH	50/60	4000K	2000	80	20000hrs	0.90	IP20	IK02	CN	911401714302
ST030T LED20/830 25W 220-240V I MB WH	50/60	3000K	2000	80	20000hrs	0.90	IP20	IK02	CN	911401714312
ST030T LED20/840 25W 220-240V I MB WH	50/60	4000K	2000	80	20000hrs	0.90	IP20	IK02	CN	911401714322
ST030T LED30/830 37W 220-240V I NB WH	50/60	3000K	3000	80	20000hrs	0.90	IP20	IK02	CN	911401714332
ST030T LED30/840 37W 220-240V I NB WH	50/60	4000K	3000	80	20000hrs	0.90	IP20	IK02	CN	911401714342
ST030T LED30/830 37W 220-240V I MB WH	50/60	3000K	3000	80	20000hrs	0.90	IP20	IK02	CN	911401714352
ST030T LED30/840 37W 220-240V I MB WH	50/60	4000K	3000	80	20000hrs	0.90	IP20	IK02	CN	911401714362
ST030T LED8/830 10W 220-240V I NB BK	50/60	3000K	800	80	20000hrs	0.90	IP20	IK02	CN	911401714372
ST030T LED8/840 10W 220-240V I NB BK	50/60	4000K	800	80	20000hrs	0.90	IP20	IK02	CN	911401714382
ST030T LED8/830 10W 220-240V I MB BK	50/60	3000K	800	80	20000hrs	0.90	IP20	IK02	CN	911401714392
ST030T LED8/840 10W 220-240V I MB BK	50/60	4000K	800	80	20000hrs	0.90	IP20	IK02	CN	911401714402
ST030T LED12/830 15W 220-240V I NB BK	50/60	3000K	1200	80	20000hrs	0.90	IP20	IK02	CN	911401714412
ST030T LED12/840 15W 220-240V I NB BK	50/60	4000K	1200	80	20000hrs	0.90	IP20	IK02	CN	911401714422
ST030T LED12/830 15W 220-240V I MB BK	50/60	3000K	1200	80	20000hrs	0.90	IP20	IK02	CN	911401714432
ST030T LED12/840 15W 220-240V I MB BK	50/60	4000K	1200	80	20000hrs	0.90	IP20	IK02	CN	911401714442
ST030T LED20/830 25W 220-240V I NB BK	50/60	3000K	2000	80	20000hrs	0.90	IP20	IK02	CN	911401714452
ST030T LED20/840 25W 220-240V I NB BK	50/60	4000K	2000	80	20000hrs	0.90	IP20	IK02	CN	911401714462
ST030T LED20/830 25W 220-240V I MB BK	50/60	3000K	2000	80	20000hrs	0.90	IP20	IK02	CN	911401714472
ST030T LED20/840 25W 220-240V I MB BK	50/60	4000K	2000	80	20000hrs	0.90	IP20	IK02	CN	911401714482
ST030T LED30/830 37W 220-240V I NB BK	50/60	3000K	3000	80	20000hrs	0.90	IP20	IK02	CN	911401714492
ST030T LED30/840 37W 220-240V I NB BK	50/60	4000K	3000	80	20000hrs	0.90	IP20	IK02	CN	911401714502
ST030T LED30/830 37W 220-240V I MB BK	50/60	3000K	3000	80	20000hrs	0.90	IP20	IK02	CN	911401714512
ST030T LED30/840 37W 220-240V I MB BK	50/60	4000K	3000	80	20000hrs	0.90	IP20	IK02	CN	911401714522



PHILIPS

SmartBright
Waterproof G2

Waterproof



Affordable and reliable energy saving LED Lighting Luminaires

Smartbright Waterproof G2

SmartBright Waterproof G2 is an innovation from SmartBright Waterproof G1, can be used to replace traditional waterproof luminaires with fluorescent lamps or LED tubes, provides quality of light with substantial energy & maintenance savings. The luminaire and its components are designed for both indoor and semi-outdoor application (anti-UV PC material housing and diffuser), it is an ideal lighting solution for canopy, food industry, parking garages, car washers. Beyond that, SmartBright Waterproof G2 is also maintenance free by seal for life integral design, and reliable 25K hrs lifetime.

Benefits

- Easy Wiring: 3 wiring options for select, fulfill with customer wiring habits.
- Excellent Performance: good uniformity SDCM<5, high quality light CRI>80, more brighter with higher lumen output.
- Reliable Quality: 25K hours with 70% lumen maintained, wide range working temperature from -30°C to +45°C, can be applied in various industrial environments

Features

- Robust design: IP65 IK06, Anti UV Polycarbonate housing, dual extrusion technology.
- Easy Installation: Stainless Universal Mounting Clip, Stainless Screws, Stainless Hooks, all in 1 package with luminaire.

Application

- Industry general area
- Food and beverage
- workshop and assembly line
- Car park
- Canopy, walkways
- Semi outdoor

Versions



WT066C with wire and bracket

WT066C L600

WT066C

Product details

WT066C Breather Detail Photo



WT066C Mounting Bracket Detail Photo



WT066C Wiring Detail Photo



Application Conditions		General Information		Initial Performance (IEC Compliant)	
Ambient temperature range	-30 to +45 °C	Beam angle of light source	- °	Initial chromaticy	SDCM<5
Maximum dim level	Not applicable	Protection class IEC	Safety class II	Init. Color Rendering Index	>80
Suitable for random switching	Not applicable	Driver included	Yes	Luminous flux tolerance	+/-10%
Approval and Application		ENEC mark	-	Mechanical and Housing	
Mech. Impact protection code	IK06	Flammability mark	-	Color	Gray and white
Ingress protection code	IP65	Glow-wire test	Temperature 750 °C, duration 5 s	Over Time Performance (IEC Compliant)	
Controls and Dimming		Light source replaceable	No	Driver failure rate at 5000 h	0.0022 %
Dimmable	No	Number of gear units	1 unit	Median useful life L80B50	17500 h
Operating and Electrical		Optic type	Symmetrical	Median useful life L90B50	8100 h
Input Voltage	220-240 V				

Product Description	Voltage (V)	Wattage (W)	Frequency (Hz)	Lumen Output (lm)	CRI	Lifetime (hrs)	Power Factor	IP	IK	Country of Origin	Product code
Stand Alone Version											
WT066C CW LED9 L600 PSU TB	240-220 V	9W	60/50	900 lm	80	25000hrs	0.9	IP65	IK06	CN	911401822597
WT066C NW LED9 L600 PSU TB	240-220 V	9W	60/50	900 lm	80	25000hrs	0.9	IP65	IK06	CN	911401822697
WT066C CW LED18 L600 PSU TB	240-220 V	18W	60/50	1800 lm	80	25000hrs	0.9	IP65	IK06	CN	911401822797
WT066C NW LED18 L600 PSU TB	240-220 V	18W	60/50	1800 lm	80	25000hrs	0.9	IP65	IK06	CN	911401822897
WT066C CW LED18 L1200 PSU TB	240-220 V	18W	60/50	1800 lm	80	25000hrs	0.9	IP65	IK06	CN	911401822997
WT066C NW LED18 L1200 PSU TB	240-220 V	18W	60/50	1800 lm	80	25000hrs	0.9	IP65	IK06	CN	911401823097
WT066C CW LED36 L1200 PSU TB	240-220 V	40W	60/50	3600 lm	80	25000hrs	0.9	IP65	IK06	CN	911401823197
WT066C NW LED36 L1200 PSU TB	240-220 V	40W	60/50	3600 lm	80	25000hrs	0.9	IP65	IK06	CN	911401823297
WT066C CW LED45 L1500 PSU TB	240-220 V	40W	60/50	4500 lm	80	25000hrs	0.9	IP65	IK06	CN	911401823397
WT066C NW LED45 L1500 PSU TB	240-220 V	50W	60/50	4500 lm	80	25000hrs	0.9	IP65	IK06	CN	911401823497
Through Wiring Version											
WT066C CW LED9 L600 PSU TW	240-220 V	9W	60/50	900 lm	80	25000hrs	0.9	IP65	IK06	CN	911401823597
WT066C NW LED9 L600 PSU TW	240-220 V	9W	60/50	900 lm	80	25000hrs	0.9	IP65	IK06	CN	911401823697
WT066C CW LED18 L600 PSU TW	240-220 V	18W	60/50	1800 lm	80	25000hrs	0.9	IP65	IK06	CN	911401823797
WT066C NW LED18 L600 PSU TW	240-220 V	18W	60/50	1800 lm	80	25000hrs	0.9	IP65	IK06	CN	911401823897
WT066C CW LED18 L1200 PSU TW	240-220 V	18W	60/50	1800 lm	80	25000hrs	0.9	IP65	IK06	CN	911401823997
WT066C NW LED18 L1200 PSU TW	240-220 V	18W	60/50	1800 lm	80	25000hrs	0.9	IP65	IK06	CN	911401824097
WT066C CW LED36 L1200 PSU TW	240-220 V	40W	60/50	3600 lm	80	25000hrs	0.9	IP65	IK06	CN	911401824197
WT066C NW LED36 L1200 PSU TW	240-220 V	40W	60/50	3600 lm	80	25000hrs	0.9	IP65	IK06	CN	911401824297
WT066C CW LED45 L1500 PSU TW	240-220 V	40W	60/50	4500 lm	80	25000hrs	0.9	IP65	IK06	CN	911401824397
WT066C NW LED45 L1500 PSU TW	240-220 V	50W	60/50	4500 lm	80	25000hrs	0.9	IP65	IK06	CN	911401824497

PHILIPS

SmartBright
Highbay G2

Highbay

High quality light helps to save more energy

SmartBright Highbay G2

SmartBright Highbay G2 is a high efficient and reliable LED luminaire. Designed as the point to point replacement for HPI 250W/400W luminaires, it offers customers all the benefits of LED lighting – reduced energy consumption, longer service time and less maintenance. In addition, with using high quality of the optical plate, it provides an excellent quality of light, which effectively improves the comfort of your environment.

Benefits

- Energy saving up to 64% comparing to HPI-P system
- Comfort light quality
- Safe & Reliable
- Easy installation and retrofitting

Features

- High efficacy: 90 lumens per watt
- High quality optical plate ensure good uniformity
- Lifetime of 50,000 hours @ Ta35°C with end-to-end Philips production quality assurance
- Full family is in compliance with CB and EMC norms
- Suitable for pole and hook mounting

Application

- Industry area: Factories, warehouses, workshops, assembly lines, etc.
- High ceiling indoor : Shopping malls, airports, stadium, etc.



SmartBright Highbay G2

Versions



BY228P LED90/NW PSU



BY228P LED50/NW PSU



BY228P LED180/NW PSU

Product details



GreenUp Lowbay G2 BY288Z Hook



GreenUp Lowbay G2 BY288P Back



SmartBright Highbay G2 BY228P
LED90 Front



SmartBright Highbay G2 BY228P
LED90 Side



SmartBright Highbay G2 BY228P
Reflector



SmartBright Highbay G2 BY228P
LED50 Front



SmartBright Highbay G2 BY228P
LED50 Side

SmartBright Highbay G2

Product details

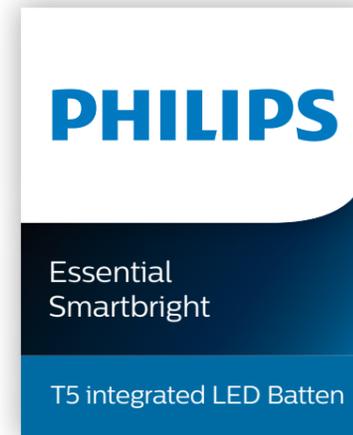


Accessories



Application Conditions		General Information		Initial Performance (IEC Compliant)	
Ambient temperature range	-20 to +40 °C	CE mark	CE mark	Initial chromaticity	SDCM<5
Suitable for random switching	No	Protection class IEC	Safety class I	Init. Color Rendering Index	≥80
Approval and Application		Driver Included	Yes	Initial LED luminaire efficacy	90 lm/W
Mech. Impact protection code	IK03	ENEC mark	-	Luminous flux tolerance	+/-10%
Ingress protection code	IP20	Flammability mark	For mounting on normally flammable surfaces	Mechanical and Housing	
Controls and Dimming		Glow-wire test	Temperature 650 °C, duration 5 s	Color	Gray and gray
Dimmable	No	Light source replaceable	No	Over Time Performance (IEC Compliant)	
Operating and Electrical		Optic type	Wide beam	Driver failure rate at 5000 h	1 %
Input Voltage	220-240 V			Median useful life L80B50	25000 h
				Median useful life L90B50	15000 h

Product Description	Voltage (V)	Wattage (W)	Frequency (Hz)	Lumen Output (lm)	Color Rendering Index	Lifetime (hrs)	P.F	IP	IK	Country of Origin	Product code
BY228P LED90/NW PSU	220-240 V	100W	50/60	9000 lm	80	30000hrs	1	IP20	IK02	CN	911401596431
BY228P LED50/NW PSU	220-240 V	60W	50/60	5400 lm	80	30000hrs	1	IP20	IK02	CN	911401596531
BY228P LED90/CW PSU	220-240 V	100W	50/60	9000 lm	80	30000hrs	1	IP20	IK02	CN	911401596631
BY228P LED180/NW PSU	220-240 V	200W	50/60	1800 lm	80	30000hrs	1	IP20	IK02	CN	911401596731
BY228P LED50/CW PSU	220-240 V	60W	50/60	5400 lm	80	30000hrs	1	IP20	IK02	CN	911401596831
BY228P LED180/CW PSU	220-240 V	200W	50/60	1800 lm	80	30000hrs	1	IP20	IK02	CN	911401596931
BY228P LED50/CW PSU EN	220-240 V	60W	50/60	5400 lm	80	30000hrs	1	IP20	IK02	CN	911401821497
BY228P LED90/NW PSU EN	220-240 V	100W	50/60	9000 lm	80	30000hrs	1	IP20	IK02	CN	911401821597
BY228P LED180/CW PSU EN	220-240 V	200W	50/60	1800 lm	80	30000hrs	1	IP20	IK02	CN	911401821697
BY228P LED180/NW PSU EN	220-240 V	200W	50/60	1800 lm	80	30000hrs	1	IP20	IK02	CN	911401821797
BY228P LED50/NW PSU EN	220-240 V	60W	50/60	5400 lm	80	30000hrs	1	IP20	IK02	CN	911401821897
BY228P LED90/CW PSU EN	220-240 V	100W	50/60	9000 lm	80	30000hrs	1	IP20	IK02	CN	911401821997
Accessories											
BY228Z RL-L EN	Reflector for BY228P LED180 (order seperately for UGR<19)										911401822097
BY228Z RL-S EN	Reflector for BY228P LED50 (order seperately for UGR<19)										911401822197
BY228Z RL-M EN	Reflector for BY228P LED90 (order seperately for UGR<19)										911401822297
BY218Z Pendant EN	For Pipe Installation (order seperately)										911041822497
BY218Z Hook	Included in the box										911401561721



Essential Smartbright T5 integrated LED batten



Most customers want lighting solutions that balance the initial investment and operational energy savings. Until now, LED linear lighting solutions were often designed for direct replacement of T5 or T8 fixtures. This meant that there was a risk of excessive use of light and energy in non-functional lighting applications such as cove, shelf or decorative lighting. MAD Batten prevents redundant light in these applications, thereby greatly reducing energy consumption.

Benefits

- Up to 60% energy saving compared to a T5 solution
- Shadow-free trunking – seamless cove lighting effect
- Easy installation – plug and play

Features

- Low energy consumption
- Ultra-thin end-cap and dedicated optical design

Application

- Cove lighting
- Shelf lighting
- Backlighting

Specification



	G2	G3
Lifetime	20,000 hours L70	15,000 hours L70
Efficacy	80lm/w	90lm/w
CRI	80	70
Max linage	10	8
Family code	BN068C	BN058C
Cost	-	>11% lower

Essential SB LED Trunkable Batten Portfolio-T5

Product Description	Voltage (V)	Wattage (W)	Frequency (Hz)	Lumen Output (lm)	Color Rendering Index	Lifetime (hrs)	Power Factor	IP	IK	Country of Origin	Product code	MOQ
BN068C LED3/CW L300 G2	220-240 V	3.6W	50/60	300 lm	80	20000hrs	0.5	IP20	IK02	CN	911401818497	120
BN068C LED3/NW L300 G2	220-240 V	3.6W	50/60	300 lm	80	20000hrs	0.5	IP20	IK02	CN	911401818597	120
BN068C LED3/WW L300 G2	220-240 V	3.6W	50/60	300 lm	80	20000hrs	0.5	IP20	IK02	CN	911401818697	120
BN068C LED6/CW L600 G2	220-240 V	7W	50/60	600 lm	80	20000hrs	0.5	IP20	IK02	CN	911401818797	120
BN068C LED6/NW L600 G2	220-240 V	7W	50/60	600 lm	80	20000hrs	0.5	IP20	IK02	CN	911401818897	120
BN068C LED6/WW L600 G2	220-240 V	7W	50/60	600 lm	80	20000hrs	0.5	IP20	IK02	CN	911401818997	120
BN068C LED9/CW L900 G2	220-240 V	10.6W	50/60	900 lm	80	20000hrs	0.5	IP20	IK02	CN	911401819097	120
BN068C LED9/NW L900 G2	220-240 V	10.6W	50/60	900 lm	80	20000hrs	0.5	IP20	IK02	CN	911401819197	120
BN068C LED9/WW L900 G2	220-240 V	10.6W	50/60	900 lm	80	20000hrs	0.5	IP20	IK02	CN	911401819297	120
BN068C LED12/CW L1200 G2	220-240 V	14W	50/60	1200 lm	80	20000hrs	0.5	IP20	IK02	CN	911401819397	120
BN068C LED12/NW L1200 G2	220-240 V	14W	50/60	1200 lm	80	20000hrs	0.5	IP20	IK02	CN	911401819497	120
BN068C LED12/WW L1200 G2	220-240 V	14W	50/60	1200 lm	80	20000hrs	0.5	IP20	IK02	CN	911401819597	120
TH Version (Power Cable included)												
BN068C LED3/CW L300 TH G2	220-240 V	3.6W	50/60	300 lm	80	20000hrs	0.5	IP20	IK02	CN	911401820297	120
BN068C LED3/NW L300 TH G2	220-240 V	3.6W	50/60	300 lm	80	20000hrs	0.5	IP20	IK02	CN	911401820397	120
BN068C LED3/WW L300 TH G2	220-240 V	3.6W	50/60	300 lm	80	20000hrs	0.5	IP20	IK02	CN	911401820497	120
BN068C LED6/CW L600 TH G2	220-240 V	7W	50/60	600 lm	80	20000hrs	0.5	IP20	IK02	CN	911401820597	120
BN068C LED6/NW L600 TH G2	220-240 V	7W	50/60	600 lm	80	20000hrs	0.5	IP20	IK02	CN	911401820697	120
BN068C LED6/WW L600 TH G2	220-240 V	7W	50/60	600 lm	80	20000hrs	0.5	IP20	IK02	CN	911401820797	120
BN068C LED9/CW L900 TH G2	220-240 V	10.6W	50/60	900 lm	80	20000hrs	0.5	IP20	IK02	CN	911401820897	120
BN068C LED9/NW L900 TH G2	220-240 V	10.6W	50/60	900 lm	80	20000hrs	0.5	IP20	IK02	CN	911401820997	120
BN068C LED9/WW L900 TH G2	220-240 V	10.6W	50/60	900 lm	80	20000hrs	0.5	IP20	IK02	CN	911401821097	120
BN068C LED12/CW L1200 TH G2	220-240 V	14W	50/60	1200 lm	80	20000hrs	0.5	IP20	IK02	CN	911401821197	120
BN068C LED12/NW L1200 TH G2	220-240 V	14W	50/60	1200 lm	80	20000hrs	0.5	IP20	IK02	CN	911401821297	120
BN068C LED12/WW L1200 TH G2	220-240 V	14W	50/60	1200 lm	80	20000hrs	0.5	IP20	IK02	CN	911401821397	120
Accessories												
ZCH086 C-2 - Power Cable	Power cable included with TH version indicated above									CN	911401591201	
ZCH086 CCPA - Link Cable	Link cable needs to be ordered seperately for all version									CN	911401591301	



Safe and easy

Beyond Standard Application



SmartBright Bulkhead product is an ideal solution for residential and industrial semi-outdoor applications. The whole luminaire and its components are designed for humidity environment, it is safe, easy to install, and can provides quality of light with substantial energy.

Features & Benefits

- Clean design
- Reliable solution
- Good user experience

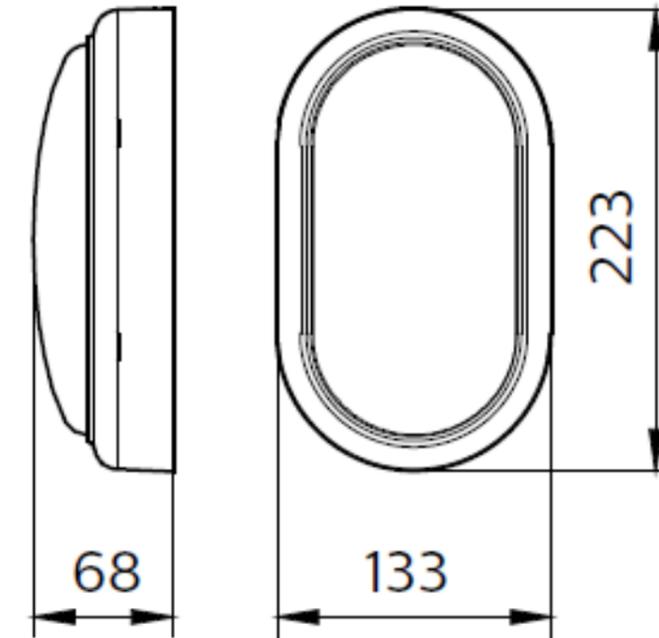
Product Datasheet

Product		SmartBright Bulkhead WL008C	
System performance	Type	Bulkhead Round	Bulkhead Oval
	Dimension (mm)	φ 182 x 64	133 x 223 x 68
	Lumen Output	Fix version 1400lm, Sensor version 1300lm	
	IP	Fix version IP65, Sensor version IP54	
	IK	IK06	
	Class	Class II	
Optics	CCT	NW 4000K	
	SDCM	<6	
	CRI	>80	
Electrical	Input Voltage	220~240/50~60hz	
	Power	15W	
	Power factor	> 0.9	
Lifetime	> 30K hrs (L70B50) @25°C		
Operating temperature	-20°C ~ +40°C		
Installation	Surface Mounted		
Accessory	2pcs x (screws + expansion bolt)		
Wiring	Stand alone Loop in loop out		
Package	Color package, 1 in 1		
Certificate	CCC, CB, CE, SAA		
Control	Fixe Motion Sensor		

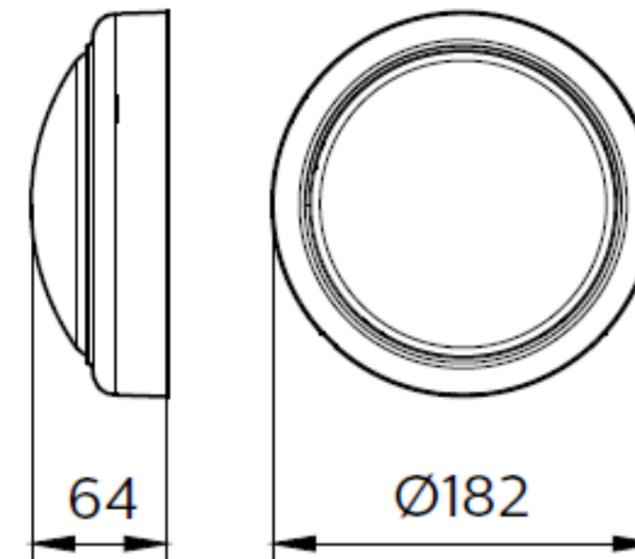
SmartBright Bulkhead – WT008C

Dimensional Drawing
(units: mm)

Oval Version:



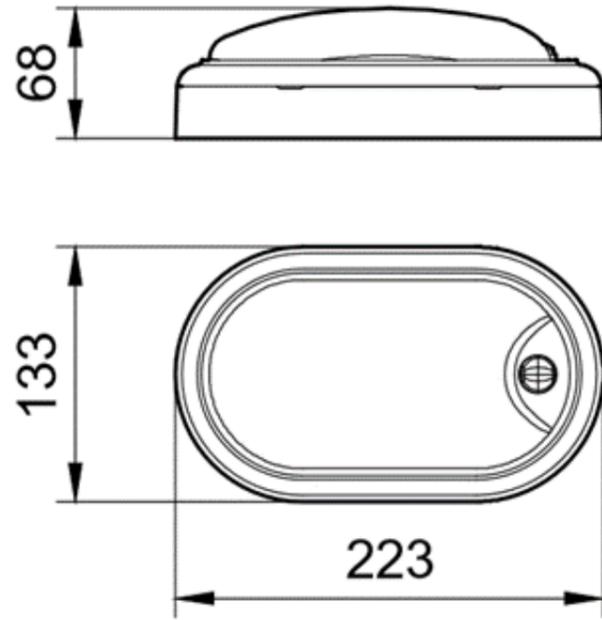
Round version:



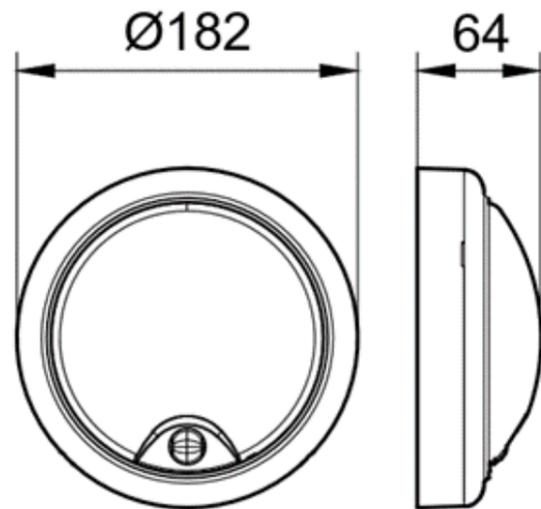
SmartBright Bulkhead – WT008C

Dimensional Drawing
(units: mm)

Oval Sensor Version:



Round Sensor version:



Specifications

Product Description	Voltage (V)	Wattage (W)	Color Temperature (K)	Lumen Output (lm)	Color Rendering Index	Lifetime (hrs)	IP	IK	Country of Origin	Product code
WLO08C LED10/NW round-Sensor W	240-220 V	15W	4000K	1300lm	80	30000hrs	IP65	IK06	CN	911401719232
WLO08C LED10/NW oval-Sensor W	240-220 V	15W	4000K	1300lm	80	30000hrs	IP65	IK06	CN	911401719222
WLO08C LED10/NW round W	240-220 V	15W	4000K	1500lm	80	30000hrs	IP65	IK06	CN	911401719212
WLO08C LED10/NW oval W	240-220 V	15W	4000K	1500lm	80	30000hrs	IP65	IK06	CN	911401719202
WLO08C LED10/NW round-Sensor BK	240-220 V	15W	4000K	1300lm	80	30000hrs	IP65	IK06	CN	911401719192
WLO08C LED10/NW oval-Sensor BK	240-220 V	15W	4000K	1300lm	80	30000hrs	IP65	IK06	CN	911401719182
WLO08C LED10/NW round W	240-220 V	15W	4000K	1500lm	80	30000hrs	IP65	IK06	CN	911401719172
WLO08C LED10/NW oval W	240-220 V	15W	4000K	1500lm	80	30000hrs	IP65	IK06	CN	911401719162
WLO08C LED10/NW round-Sensor BK	240-220 V	15W	4000K	1300lm	80	30000hrs	IP65	IK06	CN	911401719152
WLO08C LED10/NW oval-Sensor BK	240-220 V	15W	4000K	1300lm	80	30000hrs	IP65	IK06	CN	911401719142
WLO08C LED10/NW round BK	240-220 V	15W	4000K	1500lm	80	30000hrs	IP65	IK06	CN	911401719132
WLO08C LED10/NW oval BK	240-220 V	15W	4000K	1500lm	80	30000hrs	IP65	IK06	CN	911401719122
WLO08C LED10/NW round-Sensor	240-220 V	15W	4000K	1300lm	80	30000hrs	IP65	IK06	CN	911401719112
WLO08C LED10/NW oval-Sensor	240-220 V	15W	4000K	1300lm	80	30000hrs	IP65	IK06	CN	911401719102

LED Outdoor





Reliable energy saving LED Floodlight

The Essential SmartBright G2 LED floodlight comes with a compact and sturdy design. Its light weight with die-cast aluminum housing and corrosion-proof powder coating, suitable for general outdoor application. High efficiency designed with latest LED technology, achieves substantial energy savings comparing to conventional floodlights.

Features and Benefits

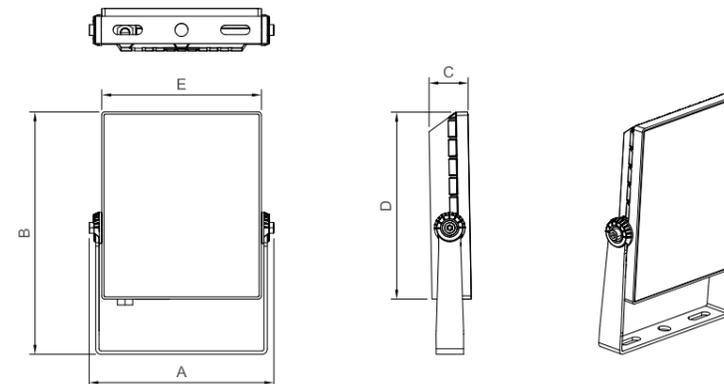
- Ideal replacement for conventional halogen floodlight
- Reliable quality guarantee hassle free for outdoor application
- Uniform and less glare light output
- Energy saving

Product data (for rest of GCGM)

Product family	Essential SmartBright G2 LED Floodlight				
Type	BVP131	BVP132	BVP133	BVP135	BVP137
System lumen*	800lm	1600lm	2400lm	4000lm	5600lm
Power	10W	20W	30W	50W	70W
Beam angle	Wide Beam (100°)				
CCT	3000K(WW)/4000K(NW)/6500K(CW)				
CRI	80				
Operating temperature	-40°C ~ +45°C				
Lifetime	15,000hrs(L70B50@25°C)				
IP/IK rating	IP65 / IK06				
Electrical class	Class I				
Input voltage	220-240V~, 50/60Hz				
Connection cable	250mm flying cable				
Mounting type	Bracket mounted				
Material and finishing	Housing: Die-cast aluminum, powder coated black Front cover: UV-resistant Polycarbonate Bracket: Steel, powder coated black				
Approbation	CE, CQC, EAC, TISI, CB, EMC				

* The system lumen refers to the typical lumen output of NW(4000K) product, it could result less lumen in WW(3000K) or higher lumen in CW(6500K).

Dimensions



Type	A	B	C	D	E
10W	117	138	27	109	99.4
20W	134	159	28	130	116.5
30W	167	220	36	170	146
50W	222	301	38	240	201
70W	222	301	38	240	201

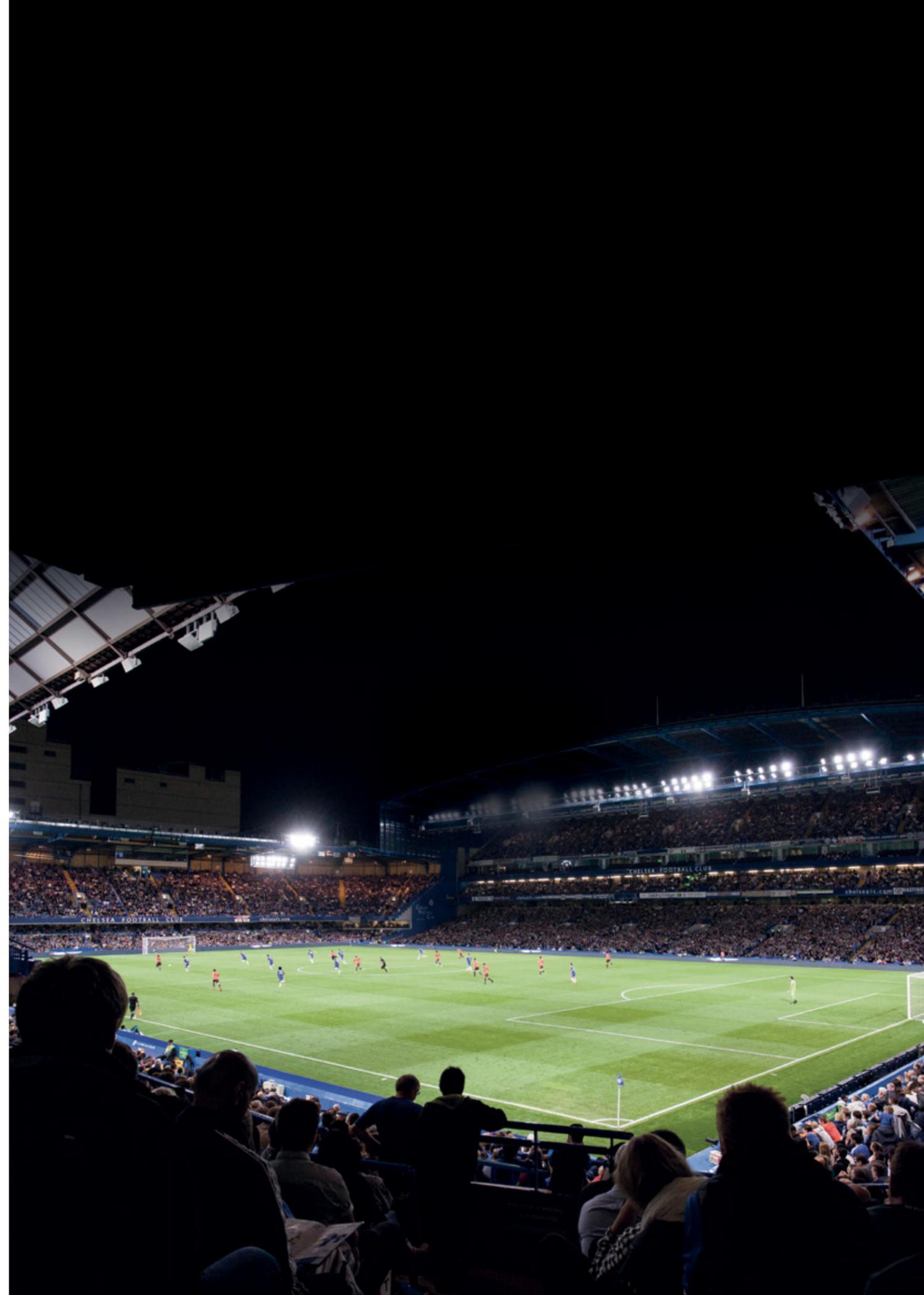
Unit: mm

Visuals



Order placement information

Product Description	Wattage (W)	Lumen Output (Lm)	Color Rendering Index	Lifetime (hrs)	Power Factor	IP	IK	Country of Origin	Product Code
BVP132 LED16/NW 20W 240-220V WB	20W	1600 lm	80	15000 hrs	0.9	IP65	IK06	CN	911401859198
BVP132 LED16/WW 20W 240-220V WB	20W	1600 lm	80	15000 hrs	0.9	IP65	IK06	CN	911401859098
BVP133 LED24/CW 30W 240-220V WB	30W	2400 lm	80	15000 hrs	0.9	IP65	IK06	CN	911401859598
BVP133 LED24/NW 30W 240-220V WB	30W	2400 lm	80	15000 hrs	0.9	IP65	IK06	CN	911401859498
BVP133 LED24/WW 30W 240-220V WB	30W	2400 lm	80	15000 hrs	0.9	IP65	IK06	CN	911401859398
BVP135 LED40/CW 50W 240-220V WB	50W	4000 lm	80	15000 hrs	0.9	IP65	IK06	CN	911401859898
BVP135 LED40/NW 50W 240-220V WB	50W	4000 lm	80	15000 hrs	0.9	IP65	IK06	CN	911401859798
BVP135 LED40/WW 50W 240-220V WB	50W	4000 lm	80	15000 hrs	0.9	IP65	IK06	CN	911401859698
BVP137 LED56/CW 70W 240-220V WB	70W	5600 lm	80	15000 hrs	0.9	IP65	IK06	CN	911401859198
BVP137 LED56/NW 70W 240-220V WB	70W	5600 lm	80	15000 hrs	0.9	IP65	IK06	CN	911401859998
BVP137 LED56/WW 70W 240-220V WB	70W	5600 lm	80	15000 hrs	0.9	IP65	IK06	CN	911401860098
BVP137 LED56/CW 70W 240-220V WB	70W	5600 lm	80	15000 hrs	0.9	IP65	IK06	CN	911401859198
BVP137 LED56/NW 70W 240-220V WB	70W	5600 lm	80	15000 hrs	0.9	IP65	IK06	CN	911401859998
BVP137 LED56/WW 70W 240-220V WB	70W	5600 lm	80	15000 hrs	0.9	IP65	IK06	CN	911401860098





PHILIPS

Outdoor Lighting

Essential SmartBright
LED Floodlight



Excellent lighting that never fails to impress



Illuminating the exterior efficiently

Philips Essential SmartBright LED Floodlight is a versatile flood light engineered to deliver significant energy savings of up to 85%. This versatile luminaire is an affordable and ideal choice for multi-purpose floodlighting. Its robust construction with high quality exposed flat lens meets IP65 and IK07 requirements. The product has a solid construction and high quality finish ensure that it is not only water and dust proof but also highly resistant to harsh weather conditions and outdoor environments.

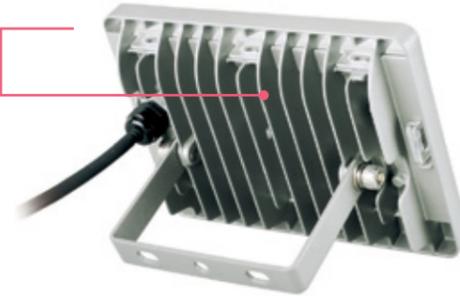
Philips Essential SmartBright LED Floodlight gives you peace of mind as its made with quality components and materials that conform to the highest safety standards. It also boasts a long lifespan of 30,000 hours and significant energy savings of up to 85%.

Applications

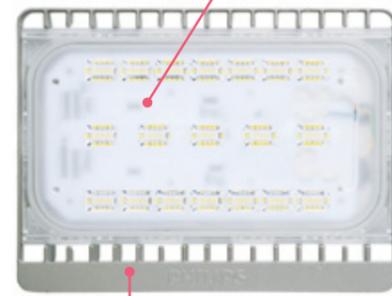
- Recreation
- Façades
- Signage
- Security

No maintenance, only vibrance

high quality materials
excellent corrosion
resistance and
robustness



Enhancing safety
High quality exposed
flat lense



Energy saving
Up to %85 savings compared
with conventional lighting

Features and benefits

Use with peace of mind

- 4KV surge protection*
- IK07 classification
- IP65 certified

Long-lasting performance

- Designed for energy savings of up to %85 compared with conventional lighting
- L70 30k hrs*
- Designed for operations under diverse environment from 40-°C to 45°C

*Designed to sustain %70 of initial lumen output (L70) at 30,000 hours of lifetime

High-quality materials and design

- High-quality exposed flat lense enhances safety
- Pressure die-cast housing offers excellent corrosion-resistance and robustness

Wide selection

- Multiple choice of color temperature - warm white (3000k), neutral (4000k) and cool white (5700k)
- Multiple choice of lumen packages

Product data

Product Description	Wattage (W)	Lumen Output (Lm)	Color Rendering Index	Lifetime (hrs)	Power Factor	IP	IK	Country of Origin	Product Code
BVPI61 LED23/WW 30W 240-220V WB Gold	30W	2300 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401805998
BVPI61 LED23/WW 30W 240-220V WB Grey	30W	2300 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401805698
BVPI61 LED26/CW 30W 240-220V WB Gold	30W	2300 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401806398
BVPI61 LED26/CW 30W 240-220V WB Grey	30W	2300 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401805598
BVPI61 LED26/NW 30W 240-220V WB Gold	30W	2600 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401806198
BVPI61 LED26/NW 30W 240-220V WB Grey	30W	2600 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401805398
BVPI61 LED39/WW 50W 240-220V WB Gold	50W	3900 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401806498
BVPI61 LED39/WW 50W 240-220V WB Grey	50W	3900 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401805898
BVPI61 LED43/CW 50W 240-220V WB Gold	50W	4300 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401806098
BVPI61 LED43/CW 50W 240-220V WB Grey	50W	4300 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401805798
BVPI61 LED43/NW 50W 240-220V WB Gold	50W	4300 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401806098
BVPI61 LED43/NW 50W 240-220V WB Grey	50W	4300 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401805798
BVPI61 LED55/WW 70W 240-220V WB Gold	70W	5500 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401809798
BVPI61 LED55/WW 70W 240-220V WB Grey	70W	5500 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401809498
BVPI61 LED60/CW 70W 240-220V WB Gold	70W	6000 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401809698
BVPI61 LED60/CW 70W 240-220V WB Grey	70W	6000 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401809398
BVPI61 LED60/NW 70W 240-220V WB Gold	70W	6000 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401809598
BVPI61 LED60/NW 70W 240-220V WB Grey	70W	6000 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401809298
BVPI61 LED90/CW 100W 240-220V WB Grey GM	100W	8500lm	70	30000 hrs	0.9	IP65	IK07	CN	911401823398
BVPI61 LED90/NW 100W 240-220V WB Grey GM	100W	8500lm	70	30000 hrs	0.9	IP65	IK07	CN	911401823498
BVPI61 LED85/WW 100W 240-220V WB Grey GM	100W	9000 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401823598
BVPI61 LED90/NW 100W 240-220V WB Gold GM	100W	9000 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401823698
BVPI61 LED90/NCW 100W 240-220V WB Gold GM	100W	9000 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401823798
BVPI61 LED85/WW 100W 240-220V WB Gold GM	100W	9000 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401823898

PHILIPS

Outdoor Lighting

Tempo LED Floodlight



Offering you the best value in floodlighting solutions

Floodlights are the most widely used outdoor luminaire. Tempo LED Floodlights are highly versatile and are designed to meet diverse application requirements, including billboards, high mast poles, building facade, sport stadiums (non professional), parking spaces, or indoor industrial workspaces. Not only do Tempo LED Floodlights provide illumination of high performance, they also combine functionality with aesthetics, without compromising on cost efficiency and reliability.



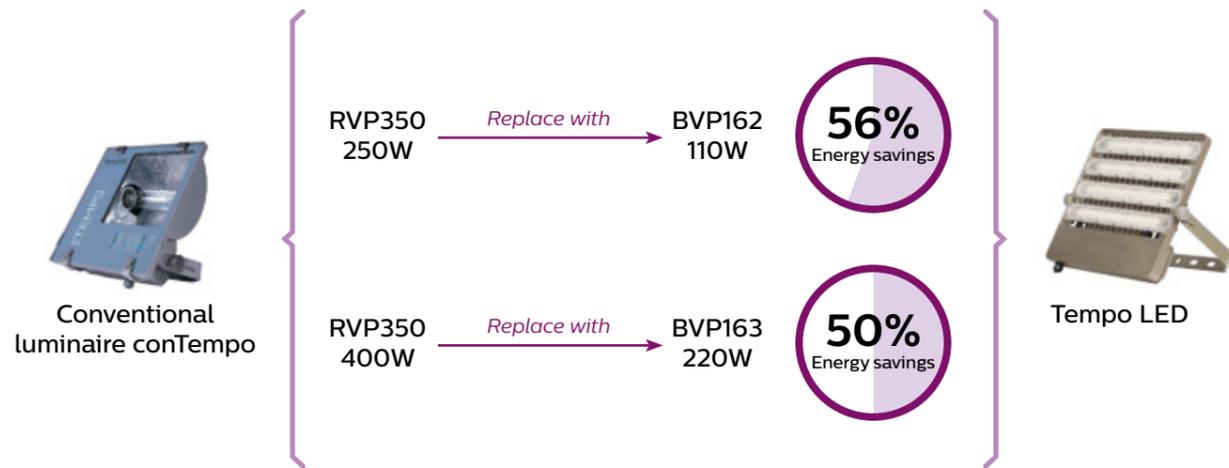
Features and benefits



Energy savings
of at least
50%

Energy-saving, easy replacement

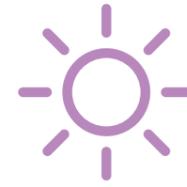
- More than 50% energy savings compared to conventional HPT-T 400W floodlight, providing significant annual savings.
- Efficacy of Tempo LED can exceed 100lm/w.
- One to one easy replacement. Conventional conTempo HPI-T flood can be replaced with Tempo LED via existing brackets and installation holes.
- Luminaire lifespan of over 30,000 hours (equivalent to 8.21 years of usage) ensures low maintenance cost and promises significant savings in electricity bills.
- High-performing luminaire that boasts early return on investment.



* More than 50% energy savings compared with HID 400W luminaire.



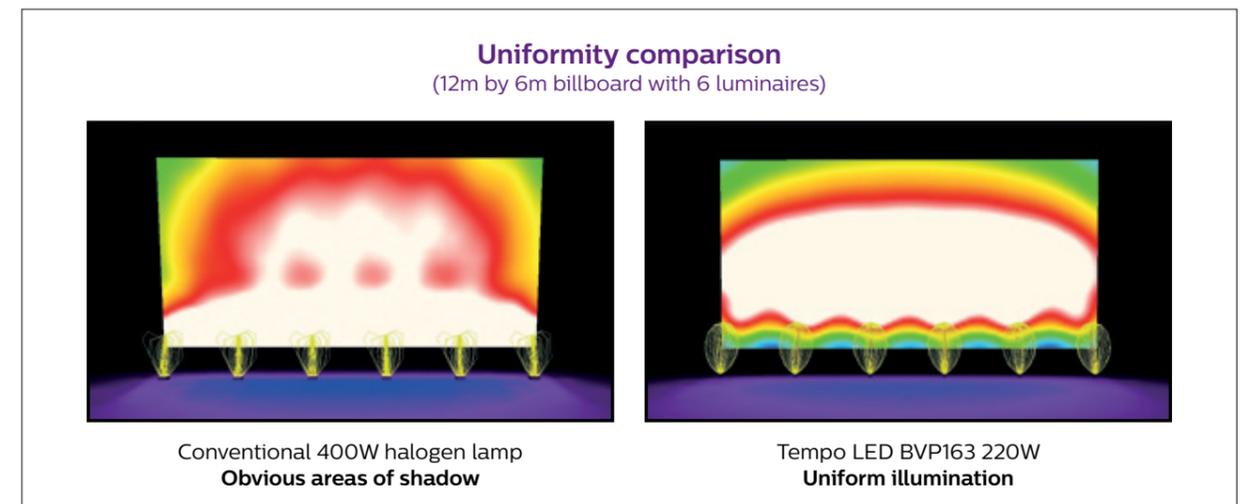
Features and benefits



Lighting uniformity
enhanced by
36.6%

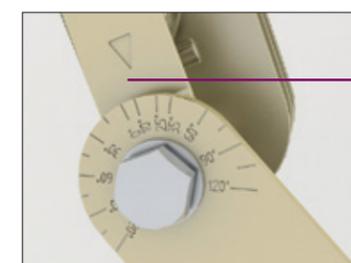
Designed to optimize billboard illumination as well as meet other diverse application requirements

- Designed for illumination of billboards, parking spaces, building facade, sports stadiums, road junctions and industrial workspaces.
- Billboard-optimising photometric greatly enhances visual impact. Tests conducted by Philips show uniformity can be enhanced by 36.6%.
- Installation angles are indicated on the bracket and can be adjusted to achieve optimal lighting uniformity. For example, on a 12m x 6m billboard, a 10-degree angle is recommended for single-row illumination using 6 luminaires; for double-row illumination using 8 luminaires, 35-degree and 25-degree angles should be employed for the upper and lower rows respectively.
- Full range of color temperature options (Warm white 3,000K/ Neutral white 4,000K/Cool white 5,700K) provide lighting solution for a wide range of environments.

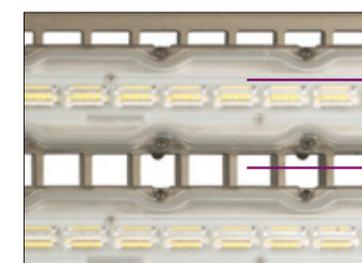


Modern design, outstanding quality

- Well-made with clean lines and modern design.
- Anti-dust, UV-resistant flat lens made of quality plastic material boast clarity and enhance light efficacy.
- Water-resistant (IP65) and anti-dust flat lens suitable for outdoor application.
- Tempo LED designed to withstand grade 14 typhoons.
- Lightweight design. Tempo LED housing is 44% lighter than conTempo. (Tempo LED 110W weighs 5kg; Tempo LED 220W weighs 7kg)



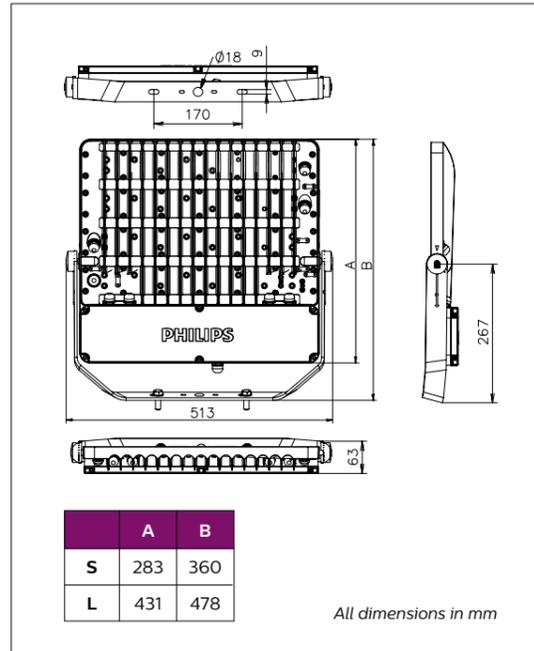
Installation angles are indicated on bracket, thus installation can be done directly based on recommended angles to achieve optimal lighting uniformity



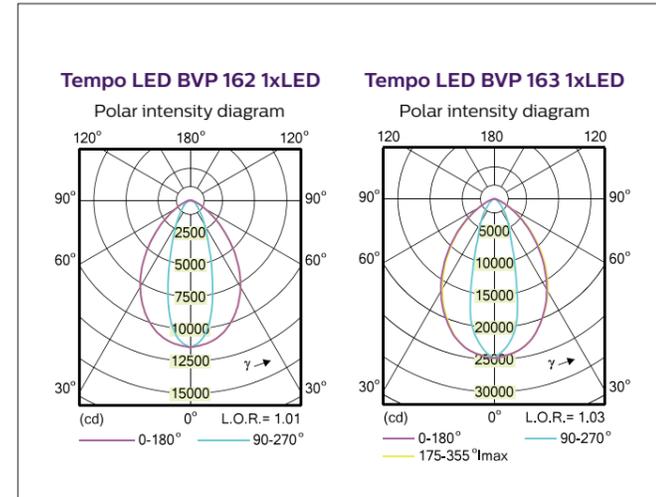
Anti-dust, UV-resistant flat lens

Heat emission hole

Dimensional drawing



Photometric Data



Mounting instructions

- Connect to the power source.**
Yellow : Ground
Brown : L
Blue : N
Water-tight wiring box
- Install the luminaire according to national regulation and ensures it stays firmly secured.**
- Remove plastic cap.**
- Adjust the luminaire angle accordingly.**
- Tighten screw on both sides.**
M10(2x)
50N.m
- Replace plastic caps.**

Product data

Technical Specifications

Application	Billboards, general lighting of outdoor spaces, industrial use, building facade, sports stadiums (non-professional), road junctions, parking spaces	Remarks
Color temperature	Warm white (3000K), Neutral (4000K), Cool white (5700K)	
CRI	Typical 70	Lumen below 4000K/5700K
Lumen output*	11000 lm (BVP 162), 22000 lm (BVP 163)	
Optic lens	Designed for diverse applications	
Wattage	110W (BVP 162), 220W (BVP 163)	
Input voltage	220-240V, 50/60hz	
Power factor	Min 0.9	
Efficacy	100 lm/w	
Working temperature	-40° C < Ta < 45° C	
IP protection level (water and dust - resistant)	IP65	Philip test report available
Surge protection device	Yes	Philips surge protection device
Salt spray	200 hours	
Shock test IK	IK07	Philip test report available
Wind proof	Designed to withstand grade 14 typhoons	Philip test report available
Shake proof	Pass Philips internal impact test	
Dimensions (mm)	510 x 365 x 53 (BVP 162), 510 x 500 x 53 (BVP 163)	
Weight	5 kg (BVP 162), 7 kg (BVP 163)	
Lifespan	30,000 hours at L70 B50, outdoor temperature TA = 35°C	
Installation	U-shaped bracket enables easy installation and adjustment to the recommended installation angles: 10°, 25°, 35°	
Certification	CQC, CB/EMC, RoHS, CE	
Housing material	ADC1 aluminium	
Optical glass	Non-glass, UV-resistant, and IP65 dust and water-resistant flat lens (made of imported quality material)	
ETO Possibility	No dimming	

* The Lumen output is only for Neutral and Cool white; lumen output for Warm white will decline by 9%.

Tempo LED Floodlight Portfolio

Product Description	Wattage (W)	Lumen Output (Lm)	Color Rendering Index	Lifetime (hrs)	Power Factor	IP	IK	Country of Origin	Product Code
Tempo LED									
BVP163 LED200/WW 220W 240-220V AWB GM	220W	20000 lm	70	30000 hrs	min 0.9	IP65	IK07	CN	911401697002
BVP163 LED220/CW 220W 240-220V AWB GM	220W	20000 lm	70	30000 hrs	min 0.9	IP65	IK07	CN	911401697202
BVP163 LED220/NW 220W 240-220V AWB GM	220W	20000 lm	70	30000 hrs	min 0.9	IP65	IK07	CN	911401696802



New launch
Will be
available
early Q3
2018

Reliable and high performance LED floodlight

The SmartBright LED Floodlight is a versatile floodlight engineered to deliver significant energy savings, an ideal solution for diverse floodlighting applications. The product is also designed to meet relevant performance and safety standards, offering you reliable and long-lasting performance.

Features and benefits

- Conventional HID floodlight replacement
- Easy to install
- Outstanding energy savings
- High quality and reliability

Product data

Product family	SmartBright LED Floodlight					
Type	BVP171	BVP172	BVP173	BVP174	BVP175	BVP176
Suggested to replace HID flood	35W	70W	100W	150W	250W	400W
System lumen*	2600lm	4300lm	6650lm	9500lm	14250lm	19000lm
Power	30W	50W	70W	100W	150W	200W
Power factor	>0.9					
Surge protection rating	2/4KV (DM/CM)			6/6KV (DM/CM)		
Beam angle	Wide Beam (30°x 80°)					
CCT	3000K(WW)/4000K(NW)/5700K(CW)					
CRI	>70					
Operating temperature	-40°C ~ +45°C					
Lifetime	30,000hrs (L70B50 @35°C)					
IP/IK rating	IP65 / IK07					
Electrical class	Class I					
Input voltage	220-240V~, 50/60Hz					
Connection cable	600mm length flying cable		600mm length flying cable (1000mm length flying cable configuration for HongKong and Taiwan market)			
Mounting type	Bracket mounted					
Material and finishing	Housing: Die-cast aluminum, powder coated dark grey(RAL7043) Front cover lens: UV-resistant Polycarbonate Bracket: Steel, powder coated dark grey(RAL7043)					
Weight	0.85Kg	1.6Kg	1.7Kg/2.4Kg**	2.3Kg/3.0Kg**	3.4Kg/4.4Kg**	4.5Kg/5.8Kg**
Certifications	CE, CQC, CB, EMC, AS/NZS60598, KC, EAC					

* The system lumen refers to the typical lumen output of NW(4000K) product, it could result less lumen in WW(3000K) or higher lumen in CW(5700K).
** Specification for Australia, New Zealand and Korea market.

Visuals



BVP171



BVP172



BVP173



BVP174

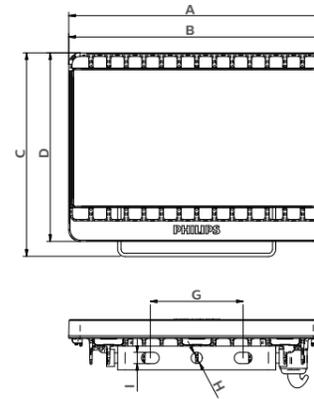


BVP175

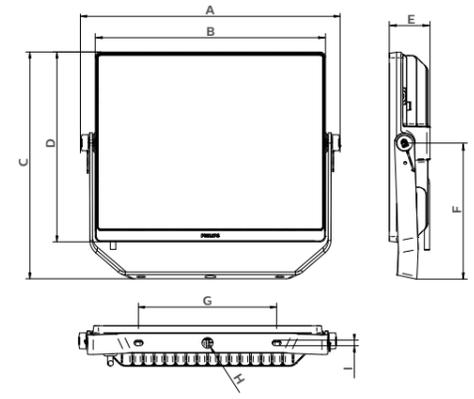


BVP176

Dimensions



BVP171 / BVP172



BVP173 / BVP174 / BVP175 / BVP176

Type	Power	A	B	C	D	E	F	G	H	I
BVP171	30W	195	195	155	143	34	75	80	Ø 10.2	8.5
BVP172	50W	270	270	205	202	38	101	120		
BVP173	70W	300	265	235	190	40	140	156	Ø 8.5 / Ø 10.2**	8.5
BVP174	100W	356	310	235	190	53	135	210		
BVP175	150W	375	340	310	260	65	185	210	Ø 16.5	
BVP176	200W	390	350	355	290	65	220	210		

** Specification for Australia, New Zealand and Korea market.

Unit: mm

Order placement information

Product Description	Voltage (V)	Wattage (W)	Lumen Output (Lm)	Color Rendering Index	Lifetime (hrs)	Power Factor	IP	IK	Country of Origin	Product Code
SmartBright Road – LED Streetlight										
BVP171 LED26/WW 30W 240-220VWB Grey CE	240-220 V	30W	2600 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401672104
BVP171 LED26/NW 30W 240-220VWB Grey CE	240-220 V	30W	2600 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401673404
BVP171 LED26/CW 30W 240-220VWB Grey CE	240-220 V	30W	2600 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401673104
BVP172 LED43/WW 50W 240-220VWB Grey CE	240-220 V	50W	4300 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401673004
BVP172 LED43/NW 50W 240-220VWB Grey CE	240-220 V	50W	4300 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401673304
BVP172 LED43/CW 50W 240-220VWB Grey CE	240-220 V	50W	4300 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401673804
BVP173 LED66/WW 70W 240-220VWB Grey CE	240-220 V	70W	6600 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401689104
BVP173 LED66/NW 70W 240-220VWB Grey CE	240-220 V	70W	6600 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401689204
BVP173 LED66/CW 70W 240-220VWB Grey CE	240-220 V	70W	6600 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401690104
BVP174 LED95/WW 100W 240-220VWB Grey CE	240-220 V	100W	9500 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401689404
BVP174 LED95/NW 100W 240-220VWB Grey CE	240-220 V	100W	9500 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401690204
BVP174 LED95/CW 100W 240-220VWB Grey CE	240-220 V	100W	9500 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401689704
BVP175 LED142/WW 150W 240-220VWB Grey CE	240-220 V	150W	14200 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401694904
BVP175 LED142/NW 150W 240-220VWB Grey CE	240-220 V	150W	14200 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401695004
BVP175 LED142/CW 150W 240-220VWB Grey CE	240-220 V	150W	14200 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401695104
BVP176 LED190/WW 200W -220 240VWB Grey CE	240-220 V	200W	19000 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401629704
BVP176 LED190/NW 200W -220 240VWB Grey CE	240-220 V	200W	19000 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401629204
BVP176 LED190/CW 200W -220 240VWB Grey CE	240-220 V	200W	19000 lm	70	30000 hrs	0.9	IP65	IK07	CN	911401629604

PHILIPS

SmartBright

LED Streetlight



SmartBright Street LED

SmartBright Street LED



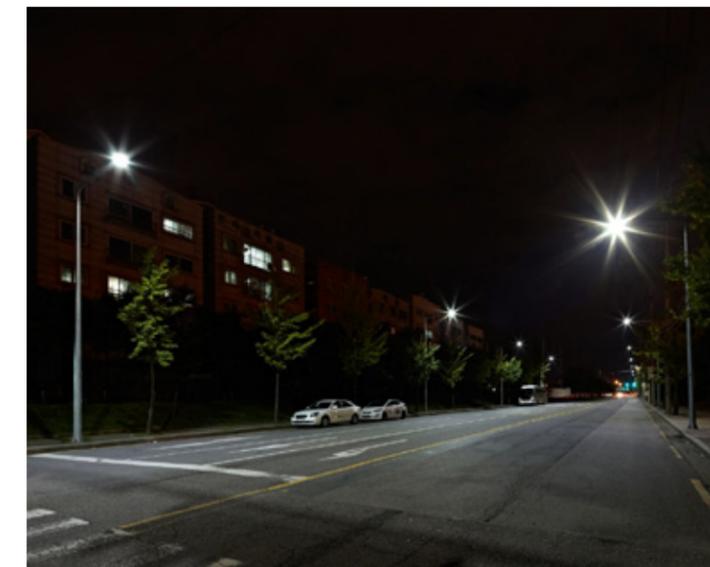
SmartBright Street LED is a low wattage LED street lighting luminaire for various lighting applications, such as periphery, Residential garden, footpath, Car park, Gated community and other applications.

The SmartBright Street LED light incorporates LED light source, optical system, heat sink and driver into one compact housing. Its specially designed finless heat sink incorporates aesthetics and functionality ensures reliability and long lifetime. SmartBright Street LED takes advantage of high power LED technology which provides energy savings and a longer lifetime, bringing area lighting into a new era.



Features & Benefits

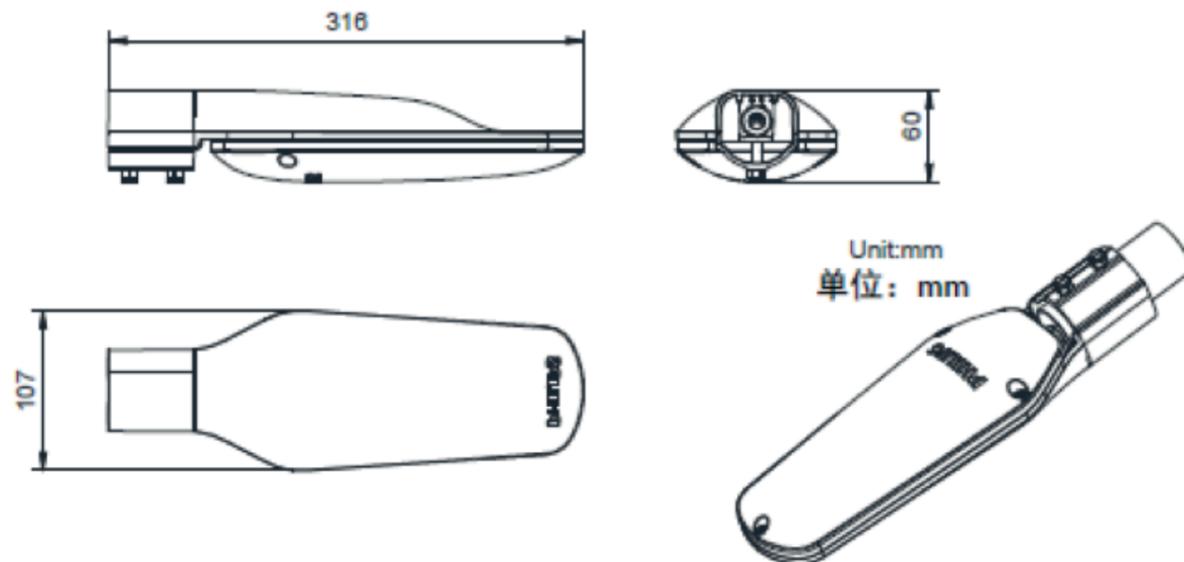
- **Energy saving:** Up-to %70 energy saving comparing to conventional street lights
- **Free from lamp replacement:** Lifetime reaches 30,000 hours at L70, which requires no lamp replacement after installation
- **Low maintenance cost:** IP65 housing ensures low maintenance with no need for internal cleaning, resulting in a lower total cost of ownership
- **Flexibility on lighting application:** Optical beam choice of symmetric, asymmetric and narrow fulfils majority needs of lighting application
- **Good reliability:** Painted non-corrosive die-cast aluminum housing, passed salt spray test with import anticorrosive coating and steel bracket gives extra strength when the luminaire is installed in a rough environment
- **Easy installation:** 300mm flying wire



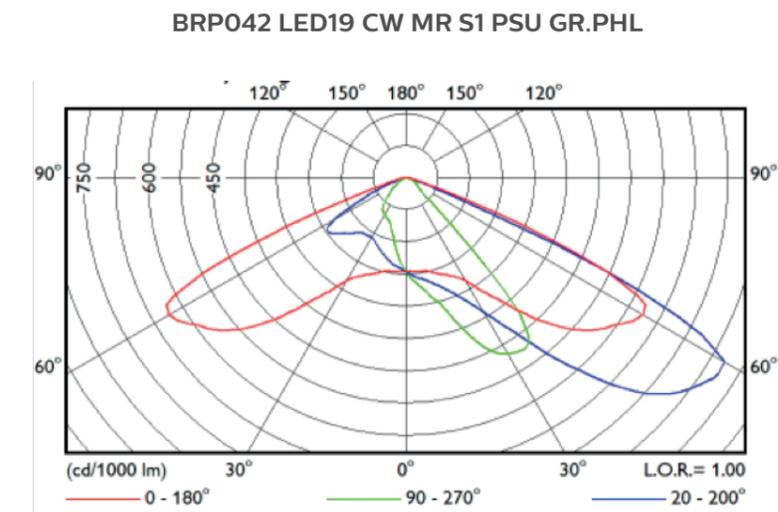
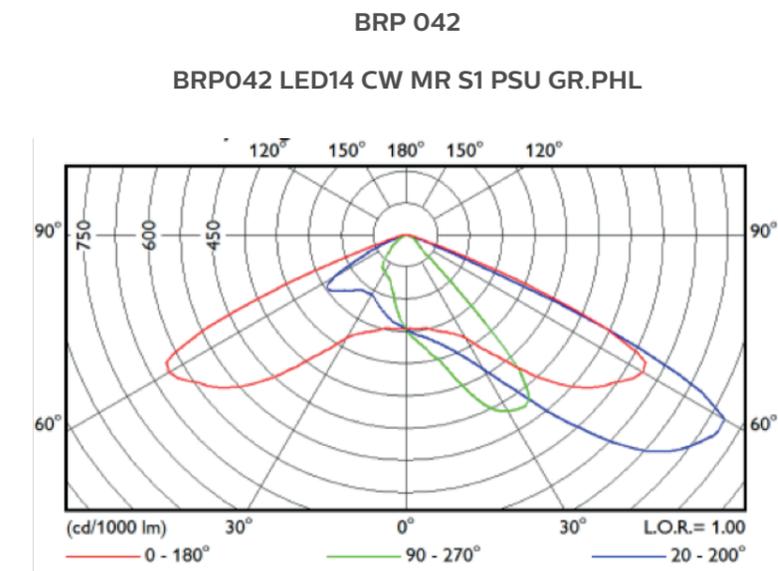
Specifications

Type	BRP042
Light source	High Power LED
Power requirement	220-240V 50Hz
Power factor	0.95
Power Consumption	15W, 20W;
LED driver & driving current	1000mA(15W)/ 930mA(20W)
System lumen output	1,400, 1,900lm
CRI	70
Color temperature	5700K ± 500K
Optics	MR
Materials and finishing	Housing: Die-cast aluminum Gasket: Heat resistant silicone rubber Cover: Polycarbonate Housing Color: Dark Grey RAL7011
Lifetime	30,000 hours (70% lumen maintenance @ Ta = 35°C)
Installation	28~40mm side entry
Dimensions (LxBxH)	316 x 107 x 60mm
Weight	850g
Classifications	IP65; IK07; Class I;
Operating Temperature	-40oC to 45oC (Outdoor)
Surge protection	4KV
Certifications	IEC CB

Dimensions (units: mm)



Photometry



Ordering information

Product Description	Wattage (W)	Lumen Output (Lm)	Color Rendering Index	Lifetime (hrs)	Power Factor	IP	IK	Country of Origin	Product Code
SmartBright Street LED									
BRP042 LED 14/CW 15W MR S1 PSU GR	15W	1400 lm	70	30000 hrs	0.95	IP65	IK07	IN	919515811876
BRP042 LED 19/CW 20W MR S1 PSU GR	20W	1900 lm	70	30000 hrs	0.95	IP65	IK07	IN	919515811877

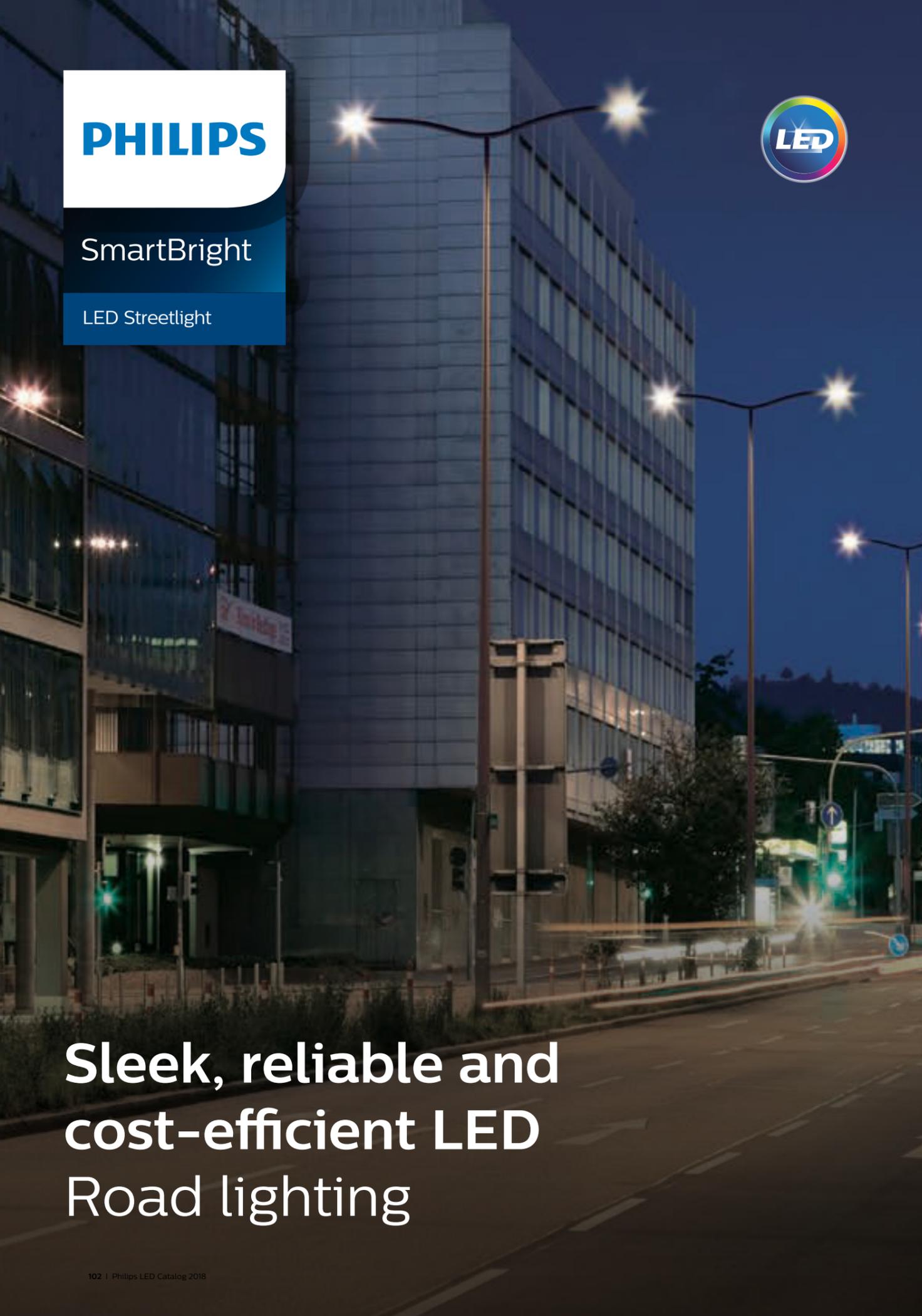
PHILIPS

SmartBright

LED Streetlight



Versatile and cost-efficient



Sleek, reliable and cost-efficient LED Road lighting

SmartBright road is ideal for new streets and for renovating existing installations, this affordable range of lighting solutions combines clean, high-quality light with significant energy savings and reduced maintenance.



Perfect for one to one replacement of conventional SON or HPL luminaires.



Offer initial investment with good-quality and energy-efficient lighting.



Fit wide application areas and suitable to use for residential street, main road and parking area



Slim, sleek and Light weight



- One to one replacement for 100W, 150W and 250W conventional SON or HPL luminaires
- Reliable design with diecast aluminum housing
- Fully IP66 Ingress and IK08 mechanical impacts protection
- 10kV/Ka replaceable surge protection device
- 30,000 hours L70 at 35C Ta rated lifetime
- 100lm/w luminous efficacy
- Operating temperature range - 40°C < Ta < 50°C
- Optimized optic for road and street lighting

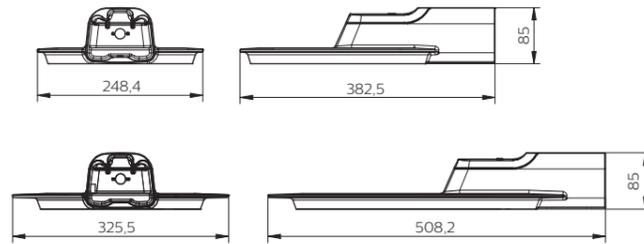
Application areas



Dimension & Optic

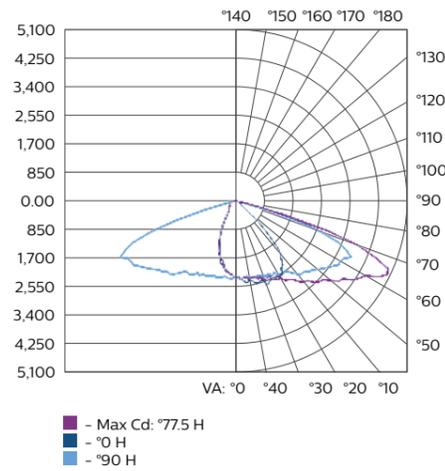
Dimension

Type	Luminaire Dimension(cm)	Weight(kg)
BRP70 130W	L38.25 x W24.84 x H8.5	2.6
BRP140 132W	L50.82 x W32.55 x H8.5	4.2

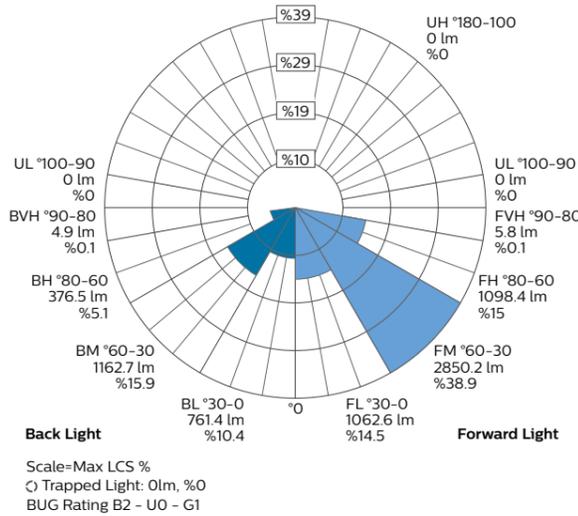


Optic

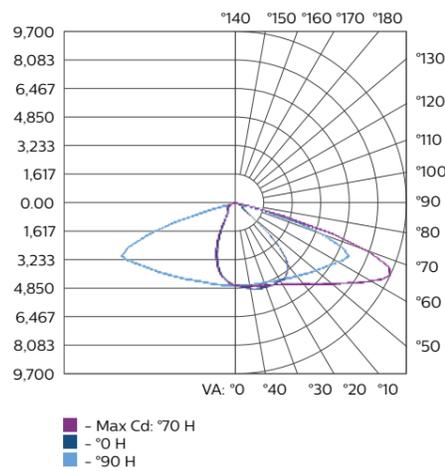
Typical 70W Polar Candela Distribution



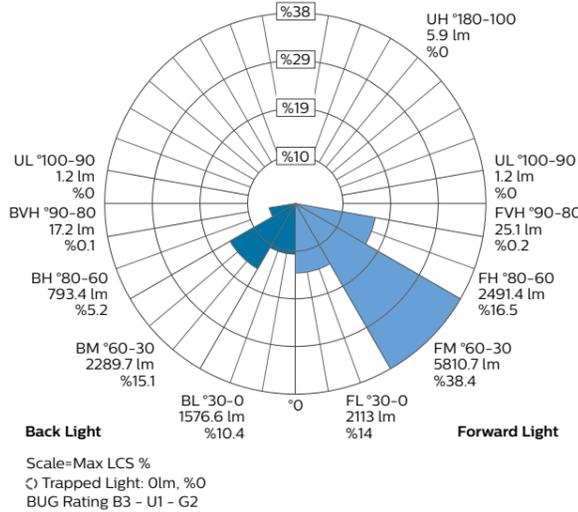
Typical 70W LCS Graph



Typical 140W Polar Candela Distribution



Typical 140W LCS Graph



Product data

Product Description	Voltage (V)	Wattage (W)	Color Temperature (K)	Lumen Output (Lm)	Color Rendering Index	Lifetime (hrs)	Power Factor	IP	IK	Country of Origin	Product Code
SmartBright Street LED											
BRP130 LED70/NW 70W 240-220VDM GM	-220 240 V	70W	NW	7000 lm	70	30000 hrs	0.9	IP66	IK08	CN	911401635404
BRP130 LED70/WW 70W 240-220VDM GM	-220 240 V	70W	WW	7000 lm	70	30000 hrs	0.9	IP66	IK08	CN	911401635504
BRP130 LED70/CW 70W 240-220VDM GM	-220 240 V	70W	CW	7000 lm	70	30000 hrs	0.9	IP66	IK08	CN	911401635604
BRP131 LED100/CW 100W 240-220VDM GM	-220 240 V	70W	CW	10000 lm	70	30000 hrs	0.9	IP66	IK08	CN	911401697004
BRP131 LED100/WW 100W 240-220VDM GM	-220 240 V	70W	WW	10000 lm	70	30000 hrs	0.9	IP66	IK08	CN	911401697104
BRP131 LED100/NW 100W 240-220VDM GM	-220 240 V	70W	NW	10000 lm	70	30000 hrs	0.9	IP66	IK08	CN	911401697404
BRP132 LED140/WW 140W 240-220VDM GM	-220 240 V	70W	WW	14000 lm	70	30000 hrs	0.9	IP66	IK08	CN	911401635704
BRP132 LED140/CW 140W 240-220VDM GM	-220 240 V	70W	CW	14000 lm	70	30000 hrs	0.9	IP66	IK08	CN	911401635904
BRP132 LED140/NW 140W 240-220VDM GM	-220 240 V	70W	NW	14000 lm	70	30000 hrs	0.9	IP66	IK08	CN	911401636104

Specification

	Target Specification	SmartBright Road
System	Flux packages (lm)	7000 14000
	CCT/color	4000K 3000K/5700K
	CRI	70 (typ.)
	System efficiency(typical)	100 lm/W
	System wattage	70W 140W
Optics	SDCM	6
	Target light distribution	DM
Electrical	Lens	PC
	Input voltage	240-220V,60/50hz
	Power Factor	0.9
	Surge protection	Replaceable 10kV/kA
Lifetime	Luminaire life time	30k hours L70B35@ 50C Ta outdoor
	Warranty	3 years
Environment	Operating temperature	- 40°C < Ta< 50°C
	IP	IP66
Mechanical	IK	IK08
	Salty spray	500 hours
Mechanical	Mounting	Side entry (42-60mm)
	Material & finishing	Aluminum/Dark grey color
Approval / Norms	Min. approbation	CB/CQC/As/NZS 60598/CE
	Sustainability	RoHS/REACH

