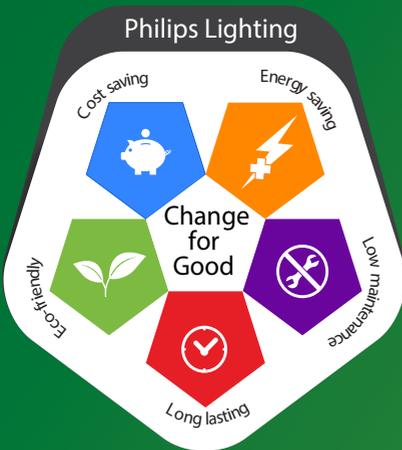


PHILIPS



Lighting

Change for Good
brochure-2015



Change to Save!

Savings at your finger tips



Saving energy using energy efficient lighting had never been so easy. Presenting Philips **“Save with Lighting”** mobile App. Using this App, you can instantly calculate energy savings when you change/upgrade your existing lighting with Philips energy efficient lighting.

How to use the App

1. Download **“Save with Lighting App”** from Android/iOS App store
2. Open and browse through the App, enter your existing product details and see new recommended products
3. Fill your personal details and press **“Submit”** button to contact Philips

Download

Philips Save with Lighting App

Instantly calculate energy and money savings when you change your existing lighting with Philips lighting



Save with Lighting



Customers say

“I want technically superior, innovative and energy efficient lighting solutions for my clients” - Consultant

“I always go for products which provide superior value to my organization”

- Purchase manager/
Project manager

“I want lighting solutions which offer best value for money, save energy and are long lasting”

- End user

“I always suggest lighting solutions which aesthetically look good and save energy” - Architect



Do you face similar problems with your lighting?

It's time to change

Change for Good

Low savings Rising energy costs Old technology
High maintenance cost

High power consumption.

No savings Poor quality light

Low budget for lighting

High maintenance cost Frequent replacements
Difficult to repair



Change your existing lighting with Philips energy efficient lighting solutions. Act now.

Philips is leading the transformation towards energy efficient LED lighting by providing energy efficient and green products across categories and segments including retail, office, industry, outdoor and hospitality.

Why choose world's leading lighting company?

- Philips is best positioned to provide comprehensive energy efficiency lighting upgrades that provide the largest and quickest impact, helping to reduce energy use and costs.
- Philips is a leader in shaping the future with exciting new lighting applications and platforms such as LED technology.
- Philips is committed to sustainable practices.
- At Philips, every innovation is driven by the needs of the people, to help them feel more comfortable and to improve the functionality of their surroundings.

Change to Philips lighting. Start saving now.



Office



GreenSquare range-
2x2 luminaire
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Dayline- 2x2
LED luminaire
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Public



GreenLine Smart-LED Streetlight
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GreenLine-LED Streetlight
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Uniflood
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HPI-T lamp
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Office



GreenSquare range

Switch one to one. Save
from day one.

GreenSquare LED luminaire from Philips consumes significantly less energy, has longer life, low TCO and lower operational cost*. GreenSquare LED is a smart choice for offices.

For more information contact us at lighting.india@philips.com
or at 1800 102 2929 (Toll free)

*conditions apply



Switch one to one. Save from day one

Invest more in your business

40%* lower energy bills



Low operational cost

- No maintenance cost
- Perfect replacement for 2x2 luminaires



Reliable

Advanced Philips LED technology



Eco friendly

- No mercury
- Less heat
- No UV



40%* energy saving, lower your electricity bills

Comparison between GreenSquare and T5 luminaire

	Units	Standard 4x TL-14w luminaire with diffuser	Standard 4xTL-5 14w luminaire with mirror optics	GreenSquare
Light source	watt	4xTL-514w	4xTL-514w	LED
Power consumption	watt	63	63	38
Avg. Illumination level	lm	250-300	300-350	300-350
Saving	%			40

Room Dimensions : 100 Sq. mt., height 2.7 m



Dayline

Efficient light. More savings.

Dayline is an efficient luminaire which saves upto 65% energy as compared to 2 x PLL 36W luminaire. It ensures long and maintenance free life and comes with DALI dimming options. Dayline is a perfect combination of innovative design and efficient LED technology.



Get more savings and light output

High lumen efficacy

Benchmark efficacy of 100lm/W for better uniformity and distribution of light



High energy savings

65%* lower energy bills



Low operational cost

- No maintenance cost



65%* energy saving, lower your electricity bills

Comparison between Dayline and 2xPLL36W luminaire

	Units	3 x PLL 36W luminaire	Dayline
Light source	Watt	3*36W PLL	LED
Power consumption	Watt	114	40
Avg. Illumination level	lm	500	475
Saving	%		65

Room Dimensions : 100 Sq. mt., height 2.7 m



Office

Retail

Hospitality



GreenLEDi

Earn more, switch to Philips LED Lighting.

GreenLEDi range is a breakthrough offering which combines modern product design, the latest LED technology and reliable heat management to deliver a long lasting efficient solution for office and retail spaces.

For more information contact us at lighting.india@philips.com or at 1800 102 2929 (Toll free)



Good quality lighting

Highly efficient optical system ensuring low glare



Turn to green office with GreenLEDi

Range of wide application base



Compact integral design

Easy to install



Long luminaire life with zero maintenance

- 5 times* more life over CFLs
- Life > 10 yrs*



50%* energy saving with GreenLEDi

Comparison between 'CFL-Ni' and Philips 'GreenLEDi' downlights

Description	Unit	CFL- Ni D/L 2 x 18W**	Philips GreenLEDi
System energy consumption	watts	50	15
Life expectancy	hours	8000	40000
Life expectancy	Years	2	11
Energy consumed annually ¹	kWh	180	54
Cost of energy per year ²	Rs	1260	378
Yearly energy savings	kWh		126
Yearly energy cost savings	Rs		882
Maintenance cost (labour)	Rs	50	-
Cost of bulb/control gear replacement	Rs	100	-
Maintenance expenses saved annually ³	Rs	-	150
Annual savings	Rs	-	1032

** 2x18W downlight wired with electro magnetic ballasts

1. Based on operation of 12 hrs per day for 300 days

2. Energy tariff Rs. 7.00 per kWh

3. Based on lamp/gear replacement

Above comparison is for 15W GreenLEDi only.

Note: System wattage and lumen are nominal values

*conditions apply



Office

Retail

Hospitality



GreenLED Ultima

See the right color

Green LED Ultima is a slim downlighter with high lumen efficacy of 100 lm/W. It displays true colors with its high color rendering index of 80 and has a long life of 40000 hours.

For more information contact us at lighting.india@philips.com
or at 1800 102 2929 (Toll free)



CFL Ni downlight

One to one replacement



GreenLED Ultima

Ultimate performance in slim design

High efficacy

Delivers 100 lm/W



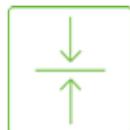
Long life

The luminaire has a long life of 40000 hours*



Slim design

Adds aesthetic value with its slim design



Displays true color

CRI =80



Conventional downlighter



GreenLED Ultima

77%* energy saving with GreenLED Ultima

Comparison between 'CFL-Ni' and Philips 'GreenLED Ultima' downlights

Description	Unit	CFL 2 x 18W**	Philips GreenLED Ultima downlight
System energy consumption	watts	45	10
Life expectancy	hours	8000	40000
Life expectancy	Years	2	11
Energy consumed annually ¹	kWh	162	38
Cost of energy per year ²	Rs	1296	302
Yearly energy savings	kWh		124
Yearly energy cost savings	Rs		994
Maintenance cost (labour)	Rs	50	
Cost of bulb/control gear replacement	Rs	100	
Maintenance expenses saved annually ³	Rs		150
Annual savings	Rs	-	1144
Wattage savings	Rs		35
Wattage savings	%		77

** 2x18W downlight wired with electro magnetic ballasts

1. Based on operation of 12 hrs per day for 300 days

2. Energy tariff Rs. 7.00 per kWh

3. Based on lamp/gear replacement

Note: System wattage and lumen are nominal values

*conditions apply



Office

Retail

Hospitality



MR16-LED lamp

Now save 90%* with Philips MR16 LED lamp

Philips MASTER LED MR16 lamp integrates leading high power LED light source and compact high efficiency driver into a traditional halogen form factor providing very high energy savings and long life.

For more information contact us at lighting.india@philips.com or at 1800 102 2929 (Toll free)

*conditions apply



Upgrade to LED lamps, save from day one

Low cost of ownership

- 90%* savings on energy bill
- Less replacement costs



Harmless light

No UV or IR radiation.



Long life and no maintenance cost

Lasts upto 40,000* hours



Eco friendly

- Less heat
- No mercury



Attractive payback time of 12 months*

Comparison between halogen lamps and LED lamps

	Units	Dimmable		Non-dimmable	
		Halogen Lamp	MR 16 7W	Haligen Lamp	MR16 5W
Energy consumption	watts	50	7	50	5
Usage	hours	10	10	10	10
Total energy consumed	watts ¹	150000	21000	150000	15000
Energy cost	Rs/year ²	1125	157.5	1125	112.5
Energy cost	%		86		90
Product cost**	Rs		1050		700
Estimated Savings/year	Rs		968		1013
Payback	years		13		8

Note : above analysis is for replacement of existing product with LED

1. Product used for 300 days in a year

2. Energy cost assumed at Rs 7.50 per KW

** depending on market price

Note: System wattage and lumen are nominal values

*conditions apply



Retail

Hospitality



GU10-LED lamp

Now save 88%* with Philips
GU10 LED lamp

Efficient accent lighting is now possible with GU10 MASTER LED lamp. With no heat, UV or IR in the beam, it outperforms halogen lighting in terms of lighting while providing significant energy savings.

For more information contact us at lighting.india@philips.com
or at 1800 102 2929 (Toll free)

*conditions apply



Upgrade to LED lamps, save from day one

Low cost of ownership

- 88%* savings on energy bill
- Less replacement costs



Harmless light

No UV or IR radiation.



Long life and no maintenance cost

Lasts upto 40,000* hours



Eco friendly

- Less heat
- No mercury



Attractive payback time of 12 months*

Comparison between halogen lamps and LED lamps

	Units	Halogen Lamp	GU10 6W
Energy consumption	watts	50	6
Usage	hours	10	10
Total energy consumed	watts ¹	150000	18000
Energy cost	Rs/year ²	1125	135
Energy cost savings (approx)	%		88
Product cost**	Rs		720
Estimated Savings/year	Rs		990
Payback	months		9

Note : above analysis is for replacement of existing product with LED

1. Product used for 300 days in a year

2. Energy cost assumed at Rs 7.50 per KW

** depending on market price



Office

Retail

Industry

Hospitality



Essential LEDtube

Now save 50%* with Philips
Essential LEDtube

Philips LEDtube integrates LED light source with frosted cover design into traditional linear fluorescent form while consuming only 20Watt and offers energy saving up to 50%*.

For more information contact us at lighting.india@philips.com
or at 1800 102 2929 (Toll free)

*conditions apply



Increase productivity and savings with LED Tube

Low cost of ownership

- 50%* savings on energy bill
- Less replacement costs



Harmless light

No UV or IR radiation



Long life and no maintenance cost

Lasts upto 30,000* hours



Eco friendly

- Less heat
- No mercury



50%* energy saving with Essential LEDtube

Comparison between T8 lamps and Essential LEDtube

	Units	T8 lamp	Essential LEDtube 20W
Energy consumption	watts	40	20
Usage	hours	24	24
Total energy consumed	watts ¹	288000	144000
Energy cost	Rs/year ²	2160	1080
Energy cost savings (approx)	%		50
Product cost**	Rs		1100
Estimated Savings/year	Rs		1080
Payback	months		12

Note : above analysis is for replacement of existing product with LED
 1. Product used for 300 days in a year
 2. Energy cost assumed at Rs 7.50 per KW
 ** depending on market price



Office

Retail

Industry

Hospitality



Master LEDtube

Now save 60%* with Philips Master LEDtube

Philips Master LEDtube integrates LED light source with frosted cover design into traditional linear fluorescent form providing high efficacy upto 60%* energy savings.

For more information contact us at lighting.india@philips.com or at 1800 102 2929 (Toll free)

*conditions apply



Increase productivity and savings with LED Tube

Low cost of ownership

- 60%* savings on energy bill
- Less replacement costs



High efficacy

Available in
100 lumen/watt



Long life and no maintenance cost

Lasts upto 40,000* hours



Eco friendly

- Less heat
- No mercury



60%* energy saving with LEDtube

Comparison between T8 lamps and Master LEDtube

	Units	T8 lamp	Master LEDtube 16W
Energy consumption	watts	40	16
Usage	hours	24	24
Total energy consumed	watts ¹	288000	115200
Energy cost	Rs/year ²	2160	864
Energy cost savings (approx)	%		60
Product cost**	Rs		1300
Estimated Savings/year	Rs		1296
Payback	months		12

Note : above analysis is for replacement of existing product with LED

1. Product used for 300 days in a year

2. Energy cost assumed at Rs 7.50 per KW

** depending on market price



Office

Retail

Industry



Master T5 Eco

Now save 10%* with Philips Master T5 Eco

Philips Master T5 Eco, is an extremely efficient T5 lamp that saves considerable energy by simple lamp-for-lamp replacement. The T5 HE Eco lamp offers excellent lumen maintenance and color rendering. Application areas vary from offices and industry to retail environments.

For more information contact us at lighting.india@philips.com or at 1800 102 2929 (Toll free)

*conditions apply



T5 lamp

One to one replacement



Master T5 Eco

Increase productivity and savings with Master T5 Eco

Energy saving

10%* energy saving



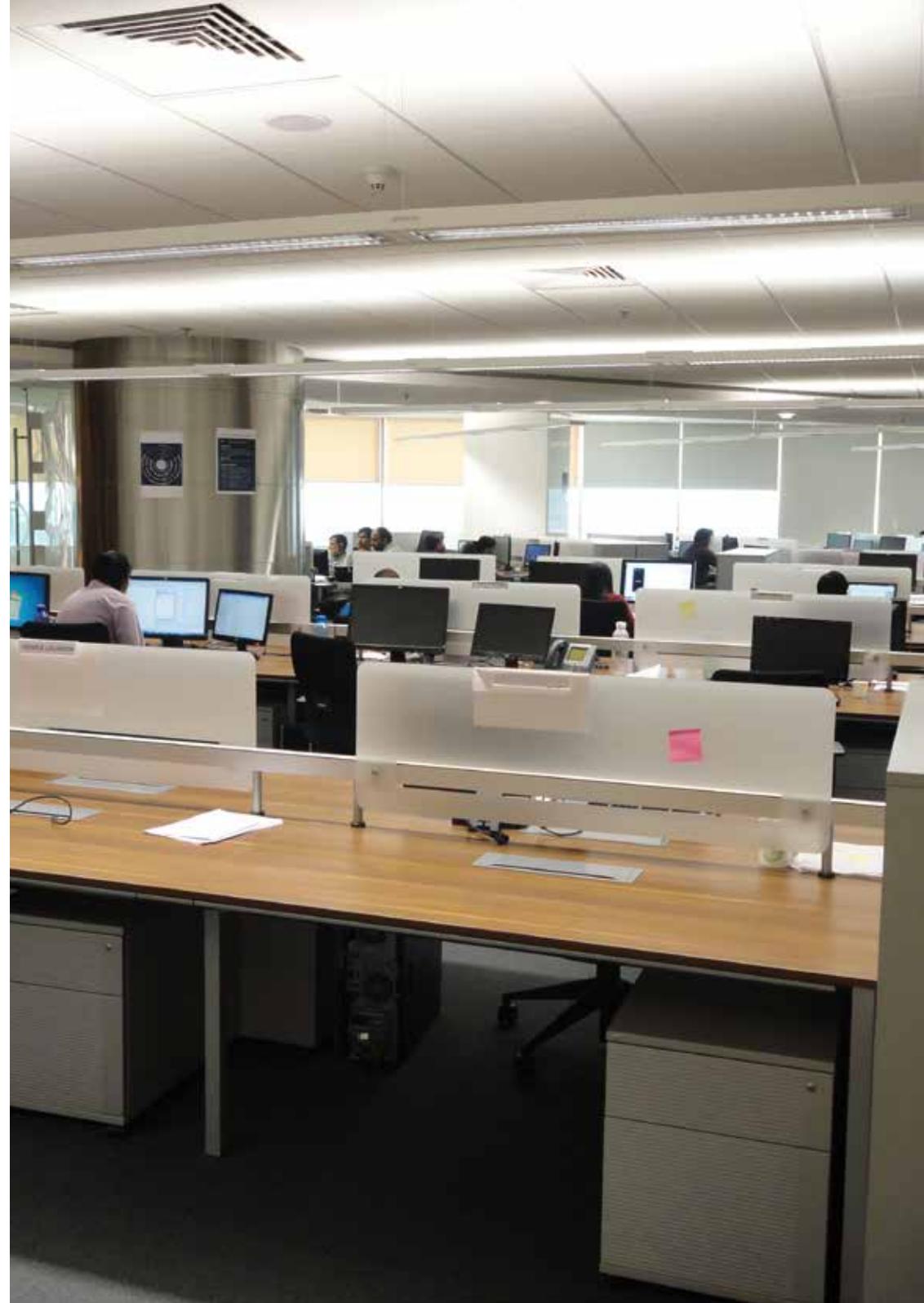
High efficiency

Efficacy > 114 Lm/W



Long life

Lasts upto 25,000* hours





Office

Retail

Industry

Hospitality



OccuSwitch

The OccuSwitch is a movement detector with a build-in switch. It will switch off the lights in a room or area when it is vacated and thus save energy. The OccuSwitch can switch any load up to 6 A and control an office area of around 20Sqm for small movement (e.g. desk work) and around 50Sqm for large movement (e.g. walking). It's smart daylight sensing technology offers additional saving through daylight override and daylight switching.

For more information contact us at lighting.india@philips.com
or at 1800 102 2929 (Toll free)

Smart lighting control for a greener world

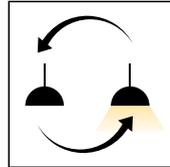
Smart savings

Energy consumption based upon actual usage instead of connected load



Automatic control

Switches on and off automatically based upon presence detection



Daylight switching

Switches light off automatically when sufficient daylight is available



Daylight override

Prevents automatic switch on when sufficient daylight is available even if presence is detected



Plug and play

OccuSwitch is a plug & play control that offers a single function occupancy control. It is very easy to install and can be applied without any commissioning.



Affordable

Energy consumption based upon actual usage instead of connected load.



High quality

OccuSwitch meets all the performance standards without compromising on the standards.

Functions and features

Automatic control

The OccuSwitch switches the lights on automatically when presence is detected and switches the lights off after the area is vacated (after 1 to 30 minutes depending on the settings).

Daylight override

It is possible to prevent the automatic switch on when sufficient daylight is available in the area in order to create additional savings.

Daylight Switching

It is also possible to make the OccuSwitch to switch the lights off when sufficient daylight becomes available during the occupied period, and turn them back on again when the light level drops below the required level.

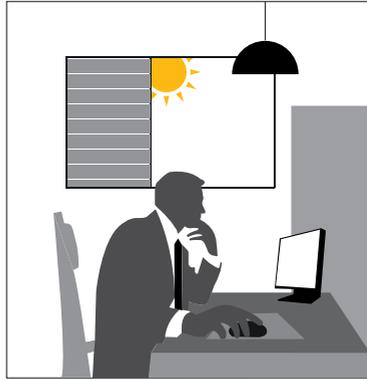
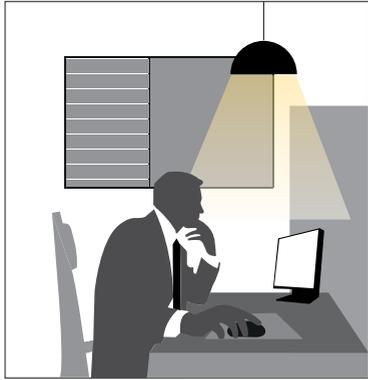
Smart timer

The smart timer will extend the delay time by 10 minutes if movement is detected shortly after switch-off, assuming that the area is still in use, but very little movement is made.

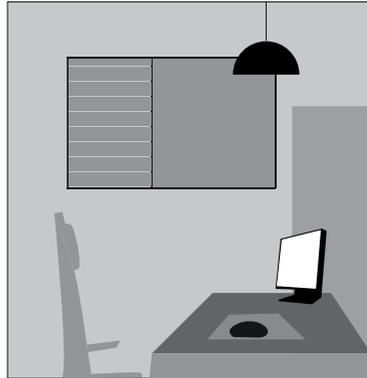
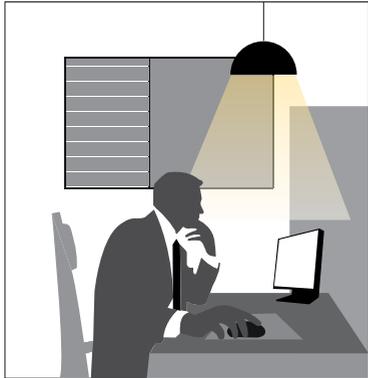
Shield

The OccuSwitch has a retractable shield that can be used to shield off areas like corridors, adjacent to the area the OccuSwitch is controlling.

Daylight sensing



Occupancy sensing



Typical application areas

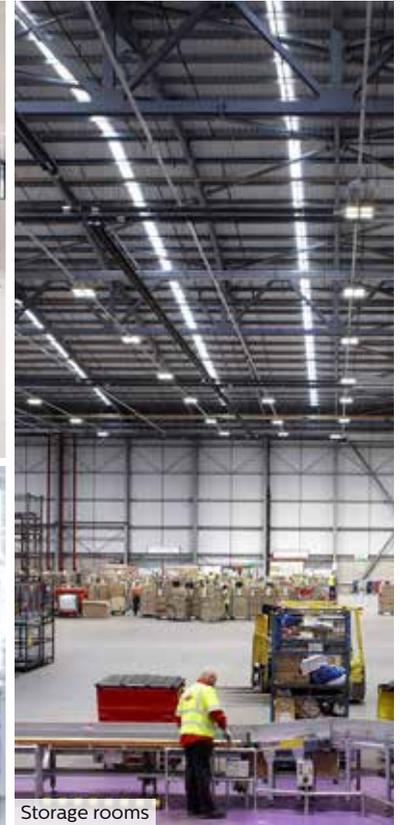
The OccuSwitch is designed for use in offices and similar applications, including toilets, storage rooms, etc. It is optimized for recessed ceiling mounting and for mounting heights between 2.5 and 3.5 meter.



Open office



Cabin and meeting rooms



Storage rooms



Changing rooms

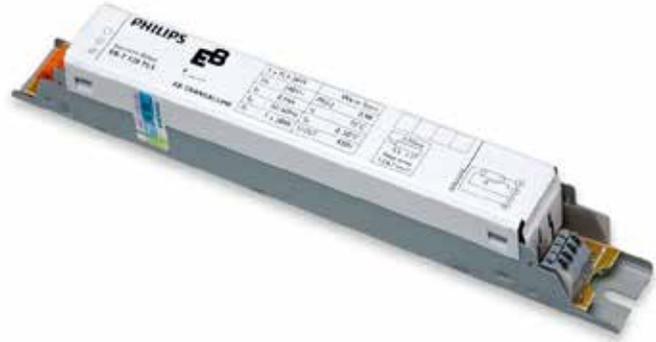


Office

Retail

Industry

Hospitality



EBT Ballast

Compact and light weight

EBT ballast is a compact, light weight, high-frequency electronic standard ballasts for TL-D 36 W/TL40 lamps. It provide flicker free warm start which ensures long lamp life. It offers 25% reduction in energy consumption as compared to conventional gear.

It is the only ballast with 3 star rating (authorized by BEE).

For more information contact us at lighting.india@philips.com or at 1800 102 2929 (Toll free)

Smart lighting control for a greener world

Saves energy

Saves up to 25% energy



Flicker free operation

Ensures long lamp life



Robust

Protection against excessive mains voltage



High on energy saving

Only ballast with 3 star rating (authorized by BEE)



Typical application areas

EBT ballast is designed for use in office buildings, industrial premises, hotels, supermarkets and airports and railway stations. It is optimized for TLD36W/TL40W lamps.



Office buildings



Supermarkets



Industrial premises



Hotels



CDM Elite

Increase sales, boost the bottom line

Compact discharge lamps with a sparkling light, a warm (3000K) or fresh white (4200K) color impression and an excellent color rendering. CRI>90 (3000K). High beam intensities can be created thanks to the small discharge arc and compact dimensions of the lamp. It makes the retail spaces enticing and inviting.

CDM Elite is a premium solution for fashion retail because

- It makes the merchandise look superior
- Enhances ambience in the shops



Ceramic lamp

One to one replacement



CDM Elite lamp

Save 25%*

Brighten the retail experience with CDM Elite

Attract more customers with accurate and stable lighting

CRI > 90



MasterColour CDM



MasterColour CDM Elite

Enjoy 25% more lamp life with increased light output over lifetime

Low lumen maintenance @ 80%*



CDM at 0 hours



CDM Elite at 0 hrs



CDM at 10k hrs



CDM Elite at 10k hrs

Save more with low operational cost

Efficacy > 105 Lm/W



Offer visual comfort to your customers

Crisp white light



CDM Elite lamp Comparison*

	Units	PS 70W/830	SS 70W/830	CDM 70W/830
Lumen output	lm	6400 6300	6900	7,800
Efficacy	lm/W	88/86	94	>105
CRI		>90	90	>90
Maintenance @ 90%	kh	0.8	4	5
Maintenance @ 12000hrs	%	59	60	>80
Life survival @ 50%	hours	12000	12000	15000
Service life @ 80%	kh	3.5	4.5	10
Burning position		universal	universal	universal

Note: System wattage and lumen are nominal values

*conditions apply



CDM Evolution

Lower your total cost of ownership

CDM evolution is a perfect lamp for retailers looking for cost savings. It offers improved efficacy, excellent lumen maintenance and long lifetime of 20,000 hours.

The lamp brings the best in all colors and textures resulting in a clean and smooth impression. It offers exceptional color consistency with a limited color spread.

The lamp is particularly suitable for creating sparkling, dramatic effects in accent lighting in and around the store.

For more information contact us at lighting.india@philips.com or at 1800 102 2929 (Toll free)



One to one replacement



Enhance the retail experience with CDM Evolution

High energy savings

Delivers same light output with less power as compared to CDM standard lamp, resulting in upto 40%* energy savings



High efficacy

Efficacy > 112 Lm/W



Attract more customers with accurate and stable lighting

CRI = 90



MasterColour CDM



MasterColour CDM Evolution

Lasting sparkle everywhere

Suitable for creating sparkling, dramatic effects in and around the store



CDM Evolution lamp Comparison*

	Units	CDM standard (35W)	CDM Evolution (35W)
Lumen output	lm	3300	4400
Efficacy	lm/W	85	112
CRI	Ra	85	90
Maintenance @ 12000hrs	%	50	82
Lifetime	hours	12000	20000

Note: System wattage and lumen are nominal values

*conditions apply



GreenBay Gen II

Versatile LED lighting system

GreenBay Gen II is an integrally designed, versatile lighting solution from Philips to address different lighting requirements within the industrial space.

A specially designed heat management system ensures longlife. Greenbay Gen II has a superior system efficacy of 100Lm/W. The luminaire is also available in various beam angles and is DALI compatible which further enhances energy savings.

For more information contact us at lighting.india@philips.com or at 1800 102 2929 (Toll free)



Improve productivity with GreenBay Gen II

Instant start

Advanced Philips LED technology ensures instant start



Energy saving

49%* energy saving without compromising on lighting performance



Low on maintenance

- Designed to withstand industrial conditions without frequent maintenance.
- Enhanced IP65 protection



Eco friendly

- No UV / IR - cooler beam
- No mercury



49%* energy saving with GreenBay Gen II

Comparison between GreenBay Gen II and conventional highbay

Parameter	Units	Conventional 250w MH	GreenBay Gen II
Light source		MH 250	LED
Lamp lumen	lm	18000	
Efficiency (DLOR)	%	74	
Delivered lumen	lm	13320	14000
System wattage	watts	275	140
Wattage savings	watts		135
Savings	%		49

Note: System wattage and lumen are nominal values

*conditions apply



EnduraLED- Bulkhead

Reliable and affordable
versatile lighting

EnduraLED Bulkhead is an innovative and reliable LED product that fits seamlessly in a variety of applications. This luminaire can be installed as ceiling mounted and wall mounted. It serves as a simple energy efficient alternative to CFL/incandescent bulkhead luminaires.

For more information contact us at lighting.india@philips.com
or at 1800 102 2929 (Toll free)



Experience high energy savings with EnduraLED Bulkhead

Energy saving

90%* energy saving without compromising on lighting performance with 50000* hours life



Plug and play

Completely pre-wired and supplied with electrical cable to minimize the time spent on installation



Robust and reliable

Specially designed impact resistant front diffuser makes it a very robust solution (IK09). It also complies to IP66 which ensures protection against dust



Versatile

UV stabilized polycarbonate cover makes it suitable for indoor and outdoor applications



90%* energy saving with EnduraLED-Bulkhead

Comparison between EnduraLED-Bulkhead and conventional Bulkhead

	Conventional Incandescent Bulkhead	CFL bulkhead	EnduraLED-Bulkhead
Lamp	Incandescent 100W	PLC 18W	LED
System wattage	100W	25W	10W
Lumen output	440lm	480lm	600lm
Color temperature	Warm white	Cool white	Cool white
IP	IP54	IP54	IP66
IK			IK09
Housing	High pressure die cast aluminum	High pressure die cast aluminum	High pressure die cast aluminum
Front cover	Glass	Acrylic	Polycarbonate

Note: System wattage and lumen are nominal values

*conditions apply



EnduraLED- Well Glass

Hassle free long lasting
performance

Innovative LED well glass luminaire for direct replacement of 70W HPSV conventional fixtures. EnduraLED has the potential to save more than 40%* energy without compromising on lighting parameters.

For more information contact us at lighting.india@philips.com
or at 1800 102 2929 (Toll free)

*conditions apply



Conventional Well Glass

One to one replacement



EnduraLED-Well Glass

Hassle free performance with EnduraLED Well Glass

Energy saving

40%* energy savings without compromising on lighting performance



Plug and play

Completely pre-wired and supplied with electrical cable to minimize the time spent on installation



Robust and reliable

The (IK 08) high impact resistance classification helps minimize commonly observed glass breakage issues either due to transit or at site. It also complies to IP66 which ensures protection against dust





Endura LED Batten

A greener and more efficient future

Endura LED batten is an innovative, technology leading replacement for conventional twin lamp batten providing savings of more than 55%* and no compromise on lighting performance. Integrally designed and developed by Philips, this product comes with options of 2000 and 4000 lumens.

For more information contact us at lighting.india@philips.com or at 1800 102 2929 (Toll free)

*conditions apply



Conventional batten

One to one replacement

Save 55%*



Endura LED batten

Lighting the path to productivity with Endura LED batten

Increased Efficiency

- Efficacy > 100 lm/ W
- 50k burning hours*
- 70%* lumen maintenance



Low operating cost

- No maintenance cost
- Direct substitute for single/ twin lamp industrial batten



High Savings

55%* lower energy bills



Eco friendly

- No UV / IR - cooler beam
- No mercury



55%* energy saving with Endura LED batten

Comparison between conventional batten and Endura LED batten

	2 x 28w Batten	EnduraLED batten	2 x 36w batten EM	EnduraLED batten
Lamp	TL5 28W	LED	TLD 36w	LED
Lamp Lumen	5600		6400	
DLOR	61%	100%	61%	100%
Effective Lumens	3416	4000	3904	4000
System Wattage	62	40	90	40
Savings		35%		55%

*available in 2000Lumens version at 20W as well to replace 1*36W and 1*28W industrial batten"



Public



GreenLine Smart



GreenLine



GreenLine range

Make the city secure and eco-friendly

Philips GreenLine range of outdoor luminaires are perfect for primary, secondary residential roads and pathways. This range offers a highly efficient lighting solution as compared to fluorescent CFL and sodium vapour vapour based street lights. These luminaires are maintenance free, ensure trouble free operation with use of LED source and electronic driver. Another benefit is IP65 protection with very high ingress protection which protects against dust and water and can operate at a wide operating voltage.

For more information contact us at lighting.india@philips.com or at 1800 102 2929 (Toll free)

*conditions apply



Bring the city to life with GreenLine range

Breaking through impasses to innovation

- Advanced LED technology
- Affordable



Help people feel safe at night

- Wider light spread
- Lower downtime
- Less blackouts



Producing the right light quantities and quality while consuming less energy

Up to 80%* energy saving



Long life of 10 years*

- Advanced ETM technology
- Wide operating voltage



Versatile application

The compact size allows it to be used in various outdoor applications.



Up to 80%* energy saving with GreenLine range

Comparison between conventional street lights and GreenLine range

Type		Conventional	GreenLine range	Energy saving*
TL	Energy consumption	40W + 11W = 51W	10W**	80%
SON	Energy consumption	70W + 15W = 85W	36W**	58%
		150W + 24W = 174W	72W**	58%

Includes approximate EM ballast watt losses

** System wattage meeting lighting level as per IS specifications

Note: System wattage and lumen are nominal values

*conditions apply



Public



Uniflood

**More Brightness.
More Saving.**

Philips Uniflood is integral flood light with driver inside a PDC housing. It is highly efficient, reliable and sturdy compared to similar LED, halogen, metal halide and CFL flood lights. It delivers significant energy savings compared to conventional floodlights. The luminaire comes with a choice of lumen pack to suite various application with dierent beam, as well as a universal mounting bracket for easy angle adjustment.

For more information contact us at lighting.india@philips.com or at 1800 102 2929 (Toll free)

*conditions apply



Conventional floodlight

One to one replacement

Save 86%*



Uniflood

Save More with Uniflood

Equivalent to 500W halogen floodlight

Up to 86%* energy saving with less power consumption



Uniform heat distribution

Efficient heat management system results in longer life



Use of Advanced Optics

Delivers higher lighting levels



No maintenance cost

Zero maintenance



High energy saving with Uniflood

Comparison between halogen flood light and Uniflood

Light Source	Unit	Halogen 500W	Uniflood 70W
Power consumption	Watt	500	70
Avg illumination level	Lux	46.6	56.6
Saving	Watt		430
Saving	%		86

Note: Sample illumination of rectangular area of 20m x 20m with 16m high mast and 8 luminaires placed symmetrically.

Comparison between MHN-TD and Uniflood

Light Source	Unit	MHN-TD 70W	Uniflood 35W
Power consumption	Watt	75	35
No. of Luminaires	No.s	4	3
Avg illumination level	Lux	99	104
Total Wattage	Watt	300	105
Saving	Watt		195
Saving	%		65

Note: Sample illumination of rectangular hoarding of 15m x 4m with luminaires mounted on 1m bracket. Quantity of luminaires to be increased to achieve desired lux levels.



Safety and comfort

HPI-T is a quartz metal halide lamp with clear outer bulb. Its unique 3-band technology results in high luminous efficacy, both initially and over long lifetime. The lamp also renders a natural white color appearance and offers good color stability.

For more information contact us at lighting.india@philips.com or at 1800 102 2929 (Toll free)

High safety and comfort level over life time

Good atmosphere and color display

White light, CRI = 65



Minimal variation of lighting level over lifetime

Good lumen maintenance



Minimal maintenance cost

Low maintenance cost



Typical application areas

HPI-T lamp is typically used in sports lighting, floodlighting of buildings and monuments, area lighting e.g. harbours and building sites.



Sports Lighting



Building sites



Case Study



Spencers Retail
Vizag, India

“We thought of using LED lights as operational costs will be lower with no maintenance required. Customers are finding the new lighting better. Philips is a good brand and we are happy with the results after using Philips LED lighting”

Mr. Himanshu Shekhar Singh, Add GM Projects, Spencers Retail

Product



GreenPerform LED batten



Case Study



State Bank of India

State Bank of India

Agra, India

“If you ask customers entering the branch, the cheer on their face tells the full story. We are completely satisfied after changing the existing lighting with Philips LED lighting”

- Ashok Kumar, Chief Manager, State Bank of India, Agra Branch

Product



GreenLED



GreenSquare



Case Study



**Ratnadeep
Supermarket**

Hyderabad, India

“By changing the existing conventional lights with LED lights at our supermarket, we have seen significant savings in energy consumption & costs. We chose Philips because we believe they have the latest technology. We are very happy with the performance of Philips LED lights at our supermarkets.”

Sandeep Agarwal and Manish Bhartiya, Directors, Ratnadeep Supermarkets

Product



GreenLED

Sony Center

Sony Center
Hyderabad, India



“We have changed the existing lighting at Sony Centers with Philips LED downlights. My electricity bill has already come down by 30%, sales in my store has increased by 50% and lighting levels are much better. With LED lighting change, my store now looks like a new store. We are very happy with this.”

Arun Kumar, Managing Director, Nitih Infotech (Sony Distributors)

Product



GreenLED



Olympia
Tech Park
Chennai, India



“We as a group put all our thoughts on bringing sustainability and green concepts to our building. From technology perspective as well as product perspective we found Philips to be better than others. Would like to thank Philips team for their excellent support.”

AJ Balaji, Executive Director, Olympia Group

Product



LEDtube



McDonald's
New Delhi, India



“We wanted a lighting solution which looks aesthetically good and is also energy efficient. We are happy that we chose Philips LED lighting solutions.”

- Mr. Jamal Pervez, Head – Projects, McDonald's India (North & East)

Product



MR16



Case Study



Manmandir,
Chennai, India

“Lighting is very critical for our store. We were dependent on halogen lamps for lighting as it produces yellow light. After carefully evaluating 3 lighting companies, we chose Philips LED lighting. We have already seen over 50% reduction in electricity consumption post LED lighting change. Lighting change has not only helped me save money but it has completely changed the look of my store. My store looks like a new store.”

Ashok Jain, Owner, ManMandir

Product



GU10

**Rajsamand
Municipal Council**
Rajasthan, India



“We wanted to shift to LED lighting as it is environment friendly and provides energy savings. Philips LED street lights have enhanced the look and feel of areas around Rajsamand Lake. People are feeling safer with Philips LED lighting and are not afraid to visit the lake even during late night. Money saved as a result of energy savings provided by Philips LED street lights, can now be spent on other developmental activities in the area.”

- Mrs. Asha Paliwal, Chairperson, Municipal Council, Rajsamand

Product



GreenLine

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