



Built to last, designed to save

GreenLine range brochure



PHILIPS



Total solutions

As the world's largest lighting company, Philips has the breadth and depth of products and services across all lighting applications to provide total lighting solutions for our customers. Whether you need a simple lamp and ballast switch or are looking to upgrade your existing road lighting system, partnering with Philips will ensure that you always receive much greater value for your investment.

Our specialist teams would be happy to evaluate your needs by performing an energy benchmark analysis or complete lighting energy audit, so that we can recommend the perfect lighting solution to meet your requirements. We can even provide you with a complete turnkey solution, thereby offering you the ease of a single point of contact, and we are happy to discuss various financial solutions with you. We are committed to providing you with only the best-in-class, energy efficient lighting solutions.



We offer

- Project management
- Turnkey solutions & services covering
 - Lighting design
 - Product supply
 - Testing & commissioning
 - Installation
 - Maintenance
- Lighting energy management scheme including energy audit
- Uplamping solutions
- Assured pay-back
- Finance scheme available



GreenLine range





GreenLine Smart

Philips GreenLine Smart luminaire is perfect for secondary roads and pathways. It sports a compact body, which offers a highly efficient lighting solution as compared to fluorescent and CFL street lights.

This is a versatile street light that can be used in various other outdoor applications. The compact size of GreenLine Smart allows it to be used as an outdoor light for periphery lighting. It can be used in and around residential houses, offices, small and medium industries and gated communities.

GreenLine Smart is completely maintenance free, it ensures trouble free operation with use of LED source and electronic driver. Specially designed polycarbonate cover reduces glare, spreads light evenly and is impact resistant. It is completely reliable for Indian conditions as it operates on a wide range of supply voltage. GreenLine Smart also has IP 65 protection with very high ingress protection against dust and water.

GreenLine Smart is an environment friendly product with no mercury content and saves up to 50% energy as compared to conventional fluorescent and CFL street lights.

Up to
50%
energy saving

1  Life time of 10 years*

 Wide operating voltage range 100 - 300V

 Dust and water proof protection (IP65)

*Usage of 11 hours per day



High power LEDs



Wider light spread



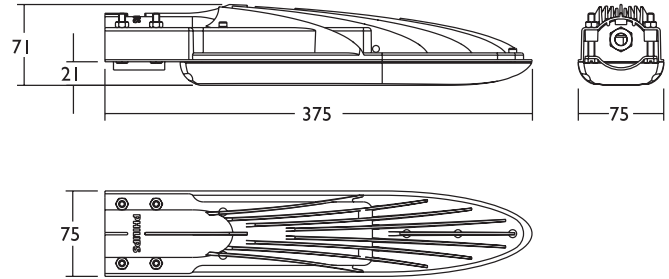
ETM technology ensures long life



Product Features

- High pressure die cast Al housing for effective thermal management, sturdiness and excellent corrosion resistance
- Polycarbonate cover provides resistance against impact
- Lumen output of 1650 lm.
- Specially designed cover with prismatic optics to spread light and reduce direct glare
- LED as light source offer very long life as compared to conventional source
- Electronic driver with PF > 0.9
- Wide operating voltage of 100 - 300V
- Ingress protection of IP 65
- Environmental friendly with no mercury content
- Pre-wired for ease of Installation

Product dimensions



Ordering data

Type	Qty. per box	Dimensions (mm)	Nett weight (Kg.)	Gross weight (Kg.)	Vol (m3)
BRP020 1x10LED	10	410 x 155 x 485	1.0	12.0	0.031

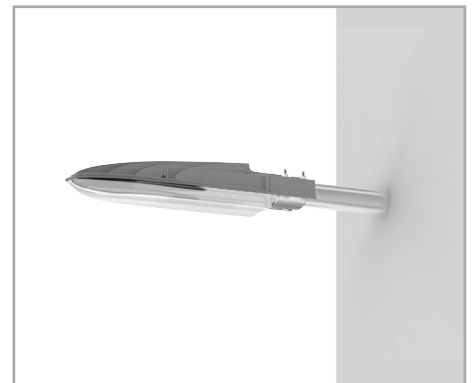
Applications



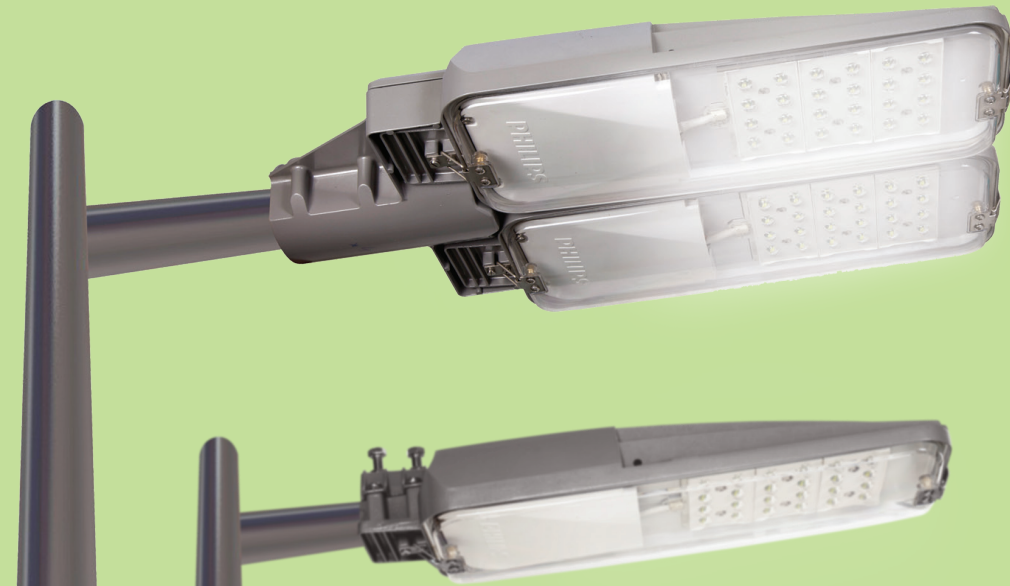
Pole mounted streetlights for residential streets, parks, gardens, parking areas and small lanes.



Post top mounted outdoor lights for gates



Wall mounted outdoor lights for terraces, car garages, kitchen gardens and balconies.



GreenLine

Philips road lighting luminaire with 24 High power LED and extendable upto 48 High power led, with unique peanut lens to ensure uniform distribution, higher spacing between poles and maintenance free system. With a life class of 50000hrs (At L70) with excellent thermal management.



Life time of 10 years*



140 - 270V

Wide operating voltage range 140 - 270V



IP 65

Dust and water proof protection (IP65)



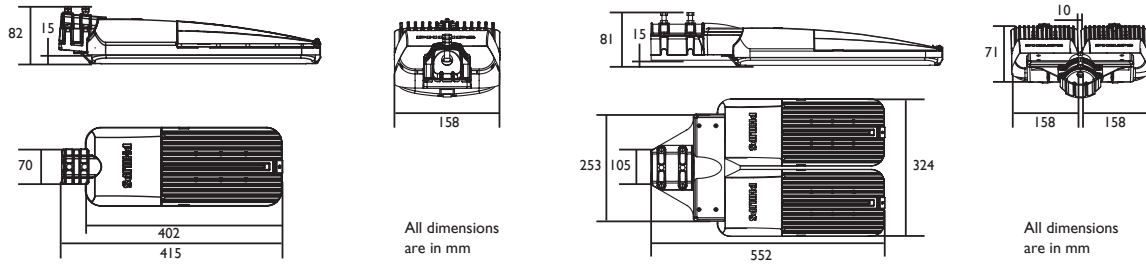
*Usage of 11 hours per day

Salient features

- Luminaire with dedicated street light optics for good uniform lighting
- Pressure die cast LM6 Aluminum housing for sturdiness and better aesthetics
- UV stabilized Polycarbonate cover
- A full length heat resistant Silicon gasket along the perimeter of housing for high ingress protection of IP 65 for complete luminaire
- Suitable for Side entry with pole diameter 28-40 / 48-60mm dia
- The luminaire has a built in replaceable drivers
- Modular arrangement ensure freedom



Product dimensions



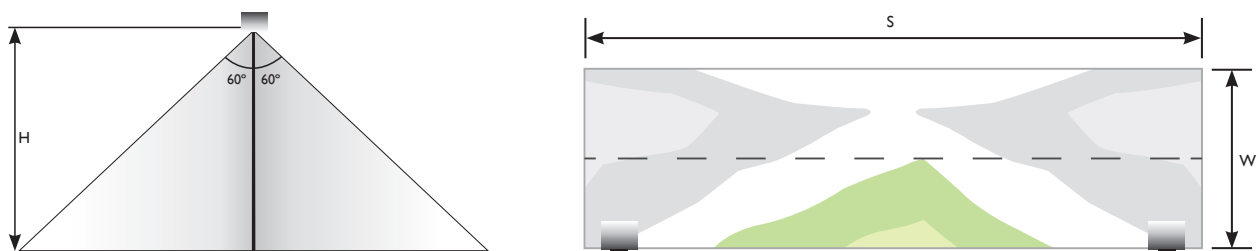
Technical specifications

Type	Greenline	Greenline Duo
Light source	High Power LED	High Power LED
Lumen output	3500lm	7000lm
Color	Cool white	Cool white
Nominal voltage	220V-240V AC 50Hz	220V-240V AC 50Hz
Driver	Integral type	Integral type
Material, Construction and finish	Housing : Pressure Die-cast LM6 Aluminum Optic: Lens Philips metallic paint RAL9007	Housing : Pressure Die-cast LM6 Aluminum Optic: Lens Philips metallic paint RAL9007
CRI	70	70
Mounting (OD)	Side entry on standard pole 28-40mm	Side entry on standard pole 48-60mm
Weight	2.4Kg.	6.0Kg.
Classification	IP 65, Class I	IP 65, Class I

Ordering data

Type	Qty. per box	Dimensions (mm)	Nett weight (Kg.)	Gross weight (Kg.)	Vol (m3)
BRP320 2x24LED-HP/CW PSU GR	1	645 x 380 x 150	5.3	6.5	0.037
BRP320 1x24LED-HP/CW PSU GR	4	520 x 450 x 285	2.4	13.2	0.086

Lighting distribution



- Greenline: Suitable for up-to road width (W) of 7mts with SPACE to HEIGHT ratio of up-to (S/H) = 4
Lighting level: Meets all types of Roads up-to B1 category roads as per IS 1944
- Green Duo: Suitable for up-to road width (W) of 8mts with SPACE to HEIGHT ratio of up-to (S/H) = 4
Lighting level: Meets all types of Roads up-to A2 category roads as per IS 1944

Contact nearest Philips office to make optimum design and save maximum energy in your installation / project

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