



SmartBright Street- BRP060

Reliable Savings, lasting brightness

Rishi Agnihotri & Nitin Bahl

Professional Lighting- India

SmartBright Street (BRP060)

Finless Design



PHILIPS

Street Light

SmartBright Street

Applications



Residential lighting and building apartments

Reliable Savings, lasting brightness
High performance in a robust and compact design

Unique Selling Points:

- Up-to 70% energy saving
- Polycarbonate cover with high impact resistance
- Robust PDC housing LM6 alloy with IP66 protection
- Long life of as compared to MH/SON street lights
- 1 to 1 replacement for 1x150W SON street lights

Integrated
optics

Uniform
lighting on
street

140 – 270V
supply range

Wide
operating
voltage

Finless
design

Superior
aesthetic
looks

Features and Benefits

Use with peace of mind

- 4KV Surge Protection
- Impact Resistance of IK07 classification
- IP66 certified

Long-lasting performance

- Designed for energy savings of up to 70% compared with conventional lighting
- Designed for operations under diverse environment from -10°C to 45°C

**Designed to sustain 70% of initial lumen output (L70) at 50,000 hours of lifetime*

High-quality materials and design

- Finless design with superior aesthetic looks
- Toughened and shatter-proof quality built-in lens enhances safety
- Pressure die-cast housing offers excellent corrosion-resistance and robustness

Uniform lighting

- Dedicated Street light distribution with uniform lighting on the street



Reliable Savings, lasting brightness

High performance in a robust and compact design

Application Areas

Parking area



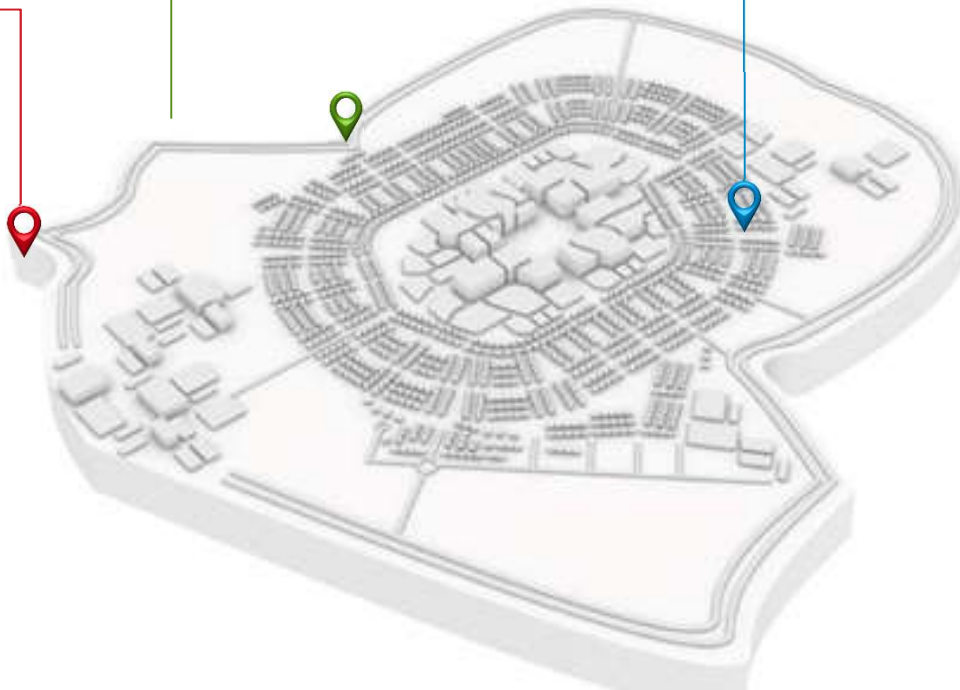
Periphery Roads

- Main road
- Highways road
- Minor road



Residential

- Walking/cycling path
- Minor road



Ordering Information

12NC	12NC Global Product description	Spare Driver 12 NC
919515812821	BRP060 LED 64 CW RM S1 PSU	929001478306
919515812919	BRP060 LED 58 CW RM S1 PSU	929001478306

Specification Sheet

Model name	BRP060	BRP060
System Power	50W	60W
System Lumen output	5500lm CW	6600lm CW
CCT	6500K	6500K
CRI	70	70
System Efficacy	110lm/W	>10lm/W
Insulation classification	Class I	Class I
Surge	4KV Inbuilt	4KV Inbuilt
Volt/Frequency	140 - 270V/ 50Hz	140 - 270V/ 50Hz
Power factor	>0.95	>0.95
IP rating	IP66	IP66
IK rating	IK07	IK07
Surge protection	4KV	4KV
Lifetime	30,000 hrs @Ta 35°C	30,000 hrs @Ta 35°C
Ambient Temp	0 - 45°C	0 - 45°C
Dimension	473 x 165 x 80 mm	473 x 165 x 80 mm
Casing colour	Light Grey	Light Grey
Certificate	IS10322	IS10322
Service	Class B Driver replacement	Class B Driver replacement

Note : All are nominal values at Nominal operating voltage 220 -240V and will vary +/-10%

Caution : Earthing terminal to be connected

Installation

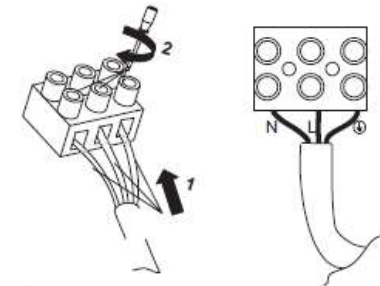
1. Connect the red wire to live, Black wire to Neutral and the Green-yellow wire to ground. After joining Properly insulate the wires using good quality Electrical insulation tape.

CAUTION

1. Ensure Earthing is connected.
2. Ensure 3 core CABLE for Connections(diameter8-10mm)
3. Cable Entry gland should be properly tightened.
4. Product should be operated between 100-300V a.c.
5. Use Surge protection (upto 10kV) to protect against surges
Use Type B+C surge type SPD in distribution box to arrest switching and lighting surges.

FAILURE OF PRODUCT DUE TO NON COMPLIANCE TO ANY OF THE ABOVE,
VOIDS WARRANTY OF PRODUCT

- 6 Make the electrical connections in 3 pole connectors as per the L-N-E marking.



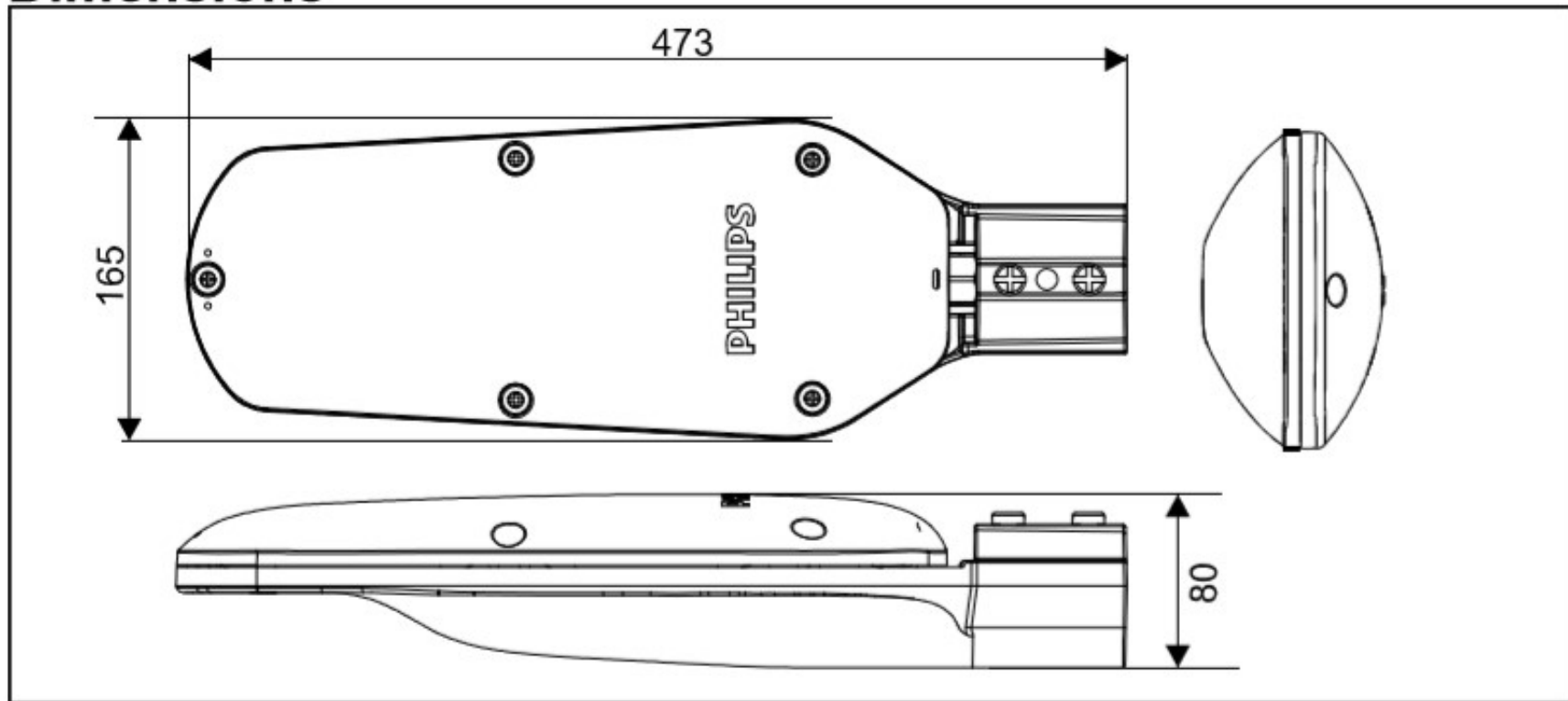
Notice: Correct connection for polarities



- Earthing is a must for all LED based product
- Ensure Surge protector are installed in the supply panel
- Ensure LED products are in a separate circuit and not connected with other heavy duty loads
- The warranty will be void if earthing is not provided as per applicable standards

Dimensions

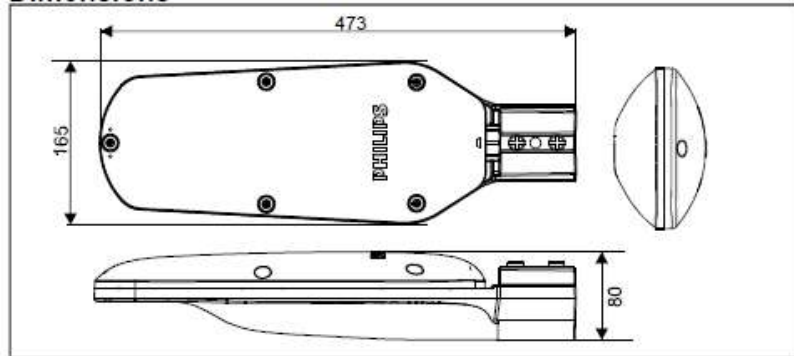
Dimensions



PHILIPS

Mounting Instructions

Dimensions



Installation

1. Connect the red wire to live, Black wire to Neutral and the Green-yellow wire to ground. After joining Properly insulate the wires using good quality Electrical insulation tape.
2. Unfasten the Check nuts and loosen the mounting screws to the required height as per the pole size. (Fig 1)
3. Insert the pole up to the position shown in the drawing below (Fig 2)
4. Tighten both the mounting screws with tightening torque of 8Nm and then tighten the Check nuts fully (Fig 3).

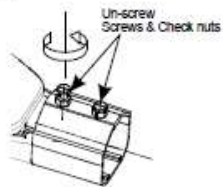


FIG.1

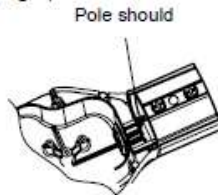


FIG.2

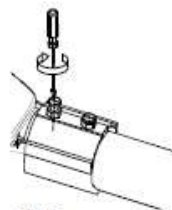
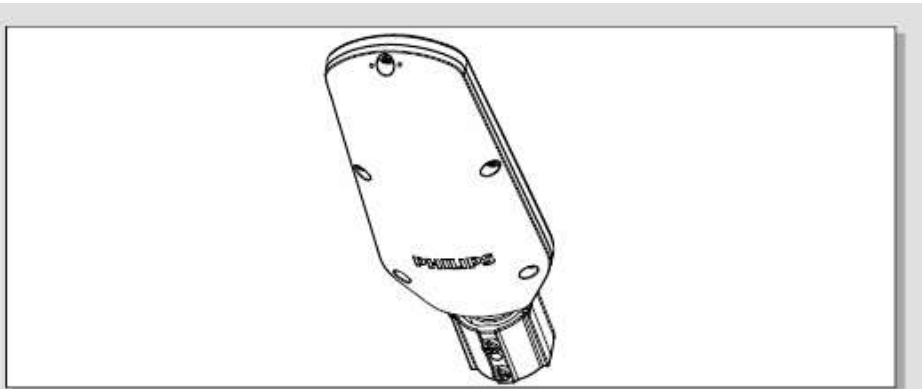


FIG.3

CAUTION

1. Ensure Earthing is connected.
2. Ensure 3 core CABLE for Connections(diameter 8-10mm)
3. Cable Entry gland should be properly tightened.
4. Product should be operated between 100-300V a.c.
5. Use Surge protection (upto 10kV) to protect against surges.
Use Type B+C surge type SPD in distribution box to arrest switching and lighting surges.

FAILURE OF PRODUCT DUE TO NON COMPLIANCE TO ANY OF THE ABOVE,
VOIDS WARRANTY OF PRODUCT



Type	: BRP060 & BRP062
Light Source	: LED's
Voltage	: 240 V, 50 Hz
IP Classification	: IP-66
Net Weight	: 1.8 kg
Max. Projected Area	: 0.08 m ²
Application	: Outdoor use only
Mounting position	: Horizontal
Application height	: Upto 6m
Pole Outer Diameter	: 50-60mm

PHILIPS

@signify