



Sleek, reliable and cost-efficient LED lighting

SmartBright Road

The 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.

Benefits

- 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

Features

- 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 35°C Ta rated lifetime
- 130lm/w luminous efficacy
- Operating temperature range - 40°C < Ta < 50°C
- Optimized optic for road and street lighting

Application

- Road and Residential street
- Parking area
- Walking/cycling path

Specifications

SmartBright Road

| | |
|------------------------------------|---|
| Material | Housing: die-cast aluminiumOptic cover: polycarbonate |
| Light Source | 3030 LED |
| Installation | Side entry 42-60mmOptional adjustable spigot |
| Luminous flux | System flux up to 18200lm |
| Correlated color temperature - CCT | 5700K4000K3000K |
| Luminaire efficacy | 4000K: 130lm/W |
| Color Rendering index - CRI | 70 |

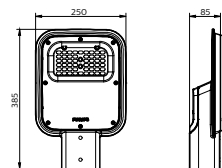
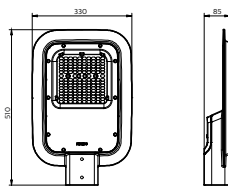
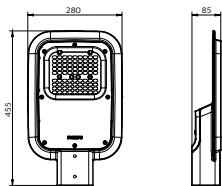
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|-----------------------------|------------------------|
| Power | up to 140W |
| Mains Voltage | 220-240V / 50-60Hz |
| Control system input | N/A |
| Dimming | non-dimmable |
| Operating Temperature range | -40 to +50C Ta |
| Ingress protection | IP66 |
| Certification | IECEE CB, CE, CQC, RCM |

Versions



SmartBright Road

Dimensional drawing



Product details

BRP13 front



| General Information | |
|------------------------------|---|
| Driver included | Yes |
| Service tag | Yes |
| Light Technical | |
| Color rendering index (CRI) | >70 |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Optical cover type | Transparent bowl with transparent cover |
| Housing Color | Gray |
| Mech. impact protection code | IK08 |
| Ingress protection code | IP66 |
| Approval and Application | |
| CE mark | Yes |
| Flammability mark | For mounting on normally flammable surfaces |

Light Technical

| Order Code | Full Product Name | Light source | Correlated Color | |
|--------------|--------------------------------------|---------------|-------------------|---------------|
| | | color | Temperature (Nom) | Luminous Flux |
| 911401676507 | BRP132 LED175/WW 140W 220-240V DM GM | Warm white | 3000 K | 17,500 lm |
| 911401676607 | BRP132 LED175/NW 140W 220-240V DM GM | Neutral white | 4000 K | 17,500 lm |
| 911401676707 | BRP132 LED175/CW 140W 220-240V DM GM | Cool white | 5700 K | 17,500 lm |
| 911401676207 | BRP131 LED125/WW 100W 220-240V DM GM | Warm white | 3000 K | 12,500 lm |
| 911401676307 | BRP131 LED125/NW 100W 220-240V DM GM | Neutral white | 4000 K | 12,500 lm |
| 911401676407 | BRP131 LED125/CW 100W 220-240V DM GM | Cool white | 5700 K | 12,500 lm |
| 911401675907 | BRP130 LED88/WW 70W 220-240V DM GM | Warm white | 3000 K | 8,800 lm |
| 911401676007 | BRP130 LED88/NW 70W 220-240V DM GM | Neutral white | 4000 K | 8,800 lm |
| 911401676107 | BRP130 LED88/CW 70W 220-240V DM GM | Cool white | 5700 K | 8,800 lm |

Operating and Electrical

| Order Code | Full Product Name | Power Consumption | Order Code | Full Product Name | Power Consumption |
|--------------|--------------------------------------|-------------------|--------------|--------------------------------------|-------------------|
| 911401676507 | BRP132 LED175/WW 140W 220-240V DM GM | 140 W | 911401676407 | BRP131 LED125/CW 100W 220-240V DM GM | 100 W |
| 911401676607 | BRP132 LED175/NW 140W 220-240V DM GM | 140 W | 911401675907 | BRP130 LED88/WW 70W 220-240V DM GM | 70 W |
| 911401676707 | BRP132 LED175/CW 140W 220-240V DM GM | 140 W | 911401676007 | BRP130 LED88/NW 70W 220-240V DM GM | 70 W |
| 911401676207 | BRP131 LED125/WW 100W 220-240V DM GM | 100 W | 911401676107 | BRP130 LED88/CW 70W 220-240V DM GM | 70 W |
| 911401676307 | BRP131 LED125/NW 100W 220-240V DM GM | 100 W | | | |

