



# Get your city ready for the future with RoadCharm.

## RoadCharm

Developed with the aim to become your long term partner, the system ready architecture of RoadCharm enables you to enjoy the benefits of connected lighting systems today and also gets the city ready for the innovations to come. It is designed to achieve better light uniformity and a maximum spacing between poles for both pedestrian and vehicle road applications. With its die-cast aluminum housing and Philips LED platform, it is easy to maintain, has a long lifetime, and a consistency you can count on. It also offers 2 housing sizes and a range of beam optics to fully cater to different road configurations and conditions. RoadCharm offers 50% energy savings compared to conventional lamp systems, making it the perfect sustainable lighting solution for any emerging metropolis.

### Benefits

- Robust & Reliable with a long service lifetime
- Elegant finless design
- System ready design
- Equipped with Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information.

### Features

- Best in class efficiency and light performance in a broad range of applications.
- Long service lifetime 100Khrs L70B10 @Ta 35°C
- System ready option with SR(Zhaga) and 7Pin NEMA socket options.
- Surge protection up to 15kV.

Application

- Pedestrian category roads (P1-P6)
- Vehicle category roads (M1-M6)
- Traffic routes and main access road
- Urban and residential area

Specifications

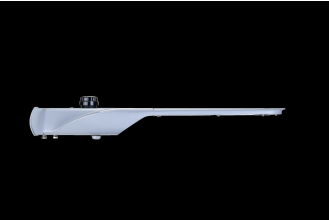
Material	Housing: die-cast aluminium Optic: polycarbonate Optic cover: glass
Light Source	3030 LED High Power LED
Installation	Side entry 42-60mm Post Top 76mm Tilting angle: +20D to -20D
Luminous flux	System flux up to 37800lm
Correlated color temperature - CCT	5700K 4000K 3000K 2700K 2200K
Luminaire efficacy	4000K: 140lm/W
Color Rendering index - CRI	70

Power	up to 280W
Mains Voltage	220-240V / 50-60Hz Optional 120-277V / 50-60Hz
Control system input	DALI / 1-10V / D4i
Dimming	PSR: 1-10V PSD: DALI PSC: Coded mains SPRD: 1-10V, Step dimming, AOC SR: D4i
Operating Temperature range	-40 to +50C Ta
Ingress protection	IP66
Certification	IECEE CB, CE, CQC, RCM, D4i

Product details



BRP47 side back



BRP47 side



BRP47 back

