



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 maximum spacing between poles for both pedestrian and vehicle road applications. With its die-cast aluminium 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 and reliable with a long service lifetime
- Elegant finless design
- System ready design

Features

- System efficacy 130lm/W $\pm 10\%$
- Long service lifetime 100Khrs L70B10 @Ta 35°C
- System ready option with SR(Zhaga) Socket and 7Pin NEMA
- Receptacle

Application

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

Versions



Approval and Application

Mech. impact protection code	IK08
Surge Protection (Common/Differential)	Luminaire surge protection level up to 15 kV differential mode and 15 kV common mode

Controls and Dimming

Dimmable	No
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General Information

CE mark	CE mark
Light source colour	740 neutral white
Optical cover/lens type	PC-MLO
Driver included	Yes
Flammability mark	NO
Light source replaceable	No

Initial Performance (IEC Compliant)

Init. Corr. Colour Temperature	4000 K
Init. Colour Rendering Index	>70

Light Technical

Standard tilt angle posttop	-
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Mechanical and Housing

Colour	Gray
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Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
01657805	BRP471 LED 47/NW 36W 220-240V DME	4700 lm
01657905	BRP471 LED 58/NW 45W 220-240V DME	5800 lm
01658005	BRP471 LED 69/NW 53W 220-240V DME	6900 lm
01658105	BRP471 LED 79/NW 60W 220-240V DME	7900 lm
01658205	BRP471 LED 90/NW 70W 220-240V DME	9000 lm
01658305	BRP471 LED 102/NW 78W 220-240V DME	10200 lm
01658405	BRP471 LED 114/NW 85W 220-240V DME	11400 lm
01658505	BRP471 LED 124/NW 95W 220-240V DME	12400 lm
01658605	BRP471 LED 133/NW 102W 220-240V DME	13300 lm
01658705	BRP471 LED 145/NW 110W 220-240V DME	14500 lm
01658805	BRP471 LED 155/NW 118W 220-240V DME	15500 lm
01658905	BRP471 LED 165/NW 127W 220-240V DME	16500 lm
01659005	BRP471 LED 175/NW 135W 220-240V DME	17500 lm
01661205	BRP472 LED 200/NW 155W 220-240V DME	20000 lm
01661305	BRP472 LED 210/NW 163W 220-240V DME	21000 lm
01661405	BRP472 LED 221/NW 171W 220-240V DME	22100 lm
01661505	BRP472 LED 231/NW 179W 220-240V DME	23100 lm
01661605	BRP472 LED 242/NW 187W 220-240V DME	24200 lm
01661705	BRP472 LED 252/NW 195W 220-240V DME	25200 lm
01661805	BRP472 LED 262/NW 204W 220-240V DME	26200 lm
01661905	BRP472 LED 273/NW 212W 220-240V DME	27300 lm
01662005	BRP472 LED 283/NW 220W 220-240V DME	28300 lm
01662105	BRP472 LED 293/NW 228W 220-240V DME	29300 lm
01662205	BRP472 LED 303/NW 236W 220-240V DME	30300 lm
01662305	BRP472 LED 313/NW 244W 220-240V DME	31300 lm
01662405	BRP472 LED 323/NW 252W 220-240V DME	32300 lm
01662505	BRP472 LED 333/NW 260W 220-240V DME	33300 lm
01662605	BRP472 LED 342/NW 288W 220-240V DME	34200 lm

