

PHILIPS

Lighting



LED road lighting easy transformer

RoadFlair ECO

RoadFlair ECO is a newly designed road lighting product, set to meet customers' requirements, including high lumen efficacy for energy saving and sustainability, aesthetic design for nice shape and appearance, quality material and components for product reliability and long lifetime, professional optic for lighting application fulfilment, dimming and system control interface for improving municipal operations and offering future-proof features. RoadFlair ECO's competitive price would help on the acceleration of road lighting LED transformation, to more sustainable society and smarter city.

Benefits

- High lumen efficacy for energy saving
- Robust quality and reliability
- Professional optic for various road applications
- Control interface for system compatibility
- Economical LED alternative to conventional street lights

Features

- Two housing types covering up to 18Klm
- Typical 150lm/W, high lumen efficacy for energy saving
- Robust quality and reliability, 100Khrs lifetime
- Professional optic for road applications
- 1-10V dimming interface for system compatibility

Application

- Pedestrian Road
- Residential Road
- Interchange
- Highway Road

Specifications

RoadFlair ECO

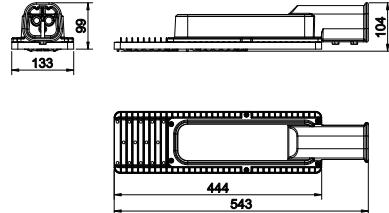
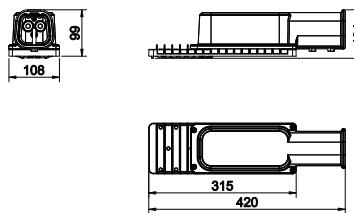
Material	Housing: die-cast aluminium Optic cover: polycarbonate	Luminaire efficacy	4000K: 150lm/W
Light Source	5050 LED	Color Rendering index	- 70
Installation	Side entry 40-60mm Optional adjustable spigot	CRI	
Luminous flux	System flux up to 18100lm	Power	up to 120W
Correlated color temperature - CCT	5700K 4000K 3000K 2700K 2200K	Mains Voltage	220-240V / 50-60Hz
		Control system input	1-10V
		Dimming	PSA: 1-10V, AOC
		Operating Temperature	-40 to +50°C Ta
		range	
		Ingress protection	IP66
		Certification	IECEE CB, CE, CQC

Versions



Road Flair Eco

Dimensional drawing



RoadFlair ECO

General Information	
Driver included	Yes
Gear	-
Service tag	Yes
Light Technical	
Light source color	740 neutral white
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	70
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Optical cover type	Polycarbonate bowl/cover UV-resistant
Housing Color	RAL7040
Mech. impact protection code	IK08
Ingress protection code	IP66
Approval and Application	
CE mark	Yes
Flammability mark	-

Light Technical

Order Code	Full Product Name	Luminous Flux
911401647509	BRP490 LED99/NW 70W DW2n PSA SP1	9,900 lm
911401647609	BRP490 LED75/NW 50W DW2n PSA	7,500 lm
911401647709	BRP490 LED48/NW 30W DW2n PSA	4,800 lm
911401647209	BRP490L LED181/NW 120W DW2n PSA SP1	18,100 lm
911401647309	BRP490L LED157/NW 100W DW2n PSA SP1	15,700 lm
911401647409	BRP490L LED124/NW 80W DW2n PSA SP1	12,400 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401647509	BRP490 LED99/NW 70W DW2n PSA SP1	70 W
911401647609	BRP490 LED75/NW 50W DW2n PSA	50 W
911401647709	BRP490 LED48/NW 30W DW2n PSA	30 W

Order Code	Full Product Name	Power Consumption
911401647209	BRP490L LED181/NW 120W DW2n PSA SP1	120 W
911401647309	BRP490L LED157/NW 100W DW2n PSA SP1	100 W
911401647409	BRP490L LED124/NW 80W DW2n PSA SP1	80 W

