



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

- \cdot 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
Light Source	5050 LED
Installation	Side entry 40-60mm
	Optional adjustable spigot
Luminous flux	System flux up to 18100lm
Correlated color	5700K
temperature - CCT	4000K
	3000K
	2700K
	2200K

Luminaire efficacy	4000K: 150lm/W
Color Rendering index -	70
CRI	
Power	up to 120W
Mains Voltage	220-240V / 50-60Hz
Control system input	1-10V
Dimming	PSA: 1-10V, AOC
Operating Temperature	-40 to +50C Ta
range	
Ingress protection	IP66
Certification	IECEE CB, CE, CQC

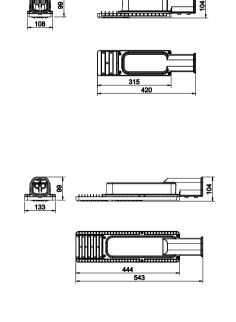
Versions

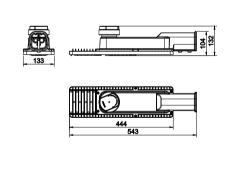


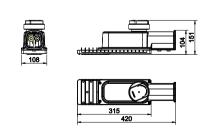
Road Flair Eco

Road Flair Eco

Dimensional drawing







RoadFlair ECO

General Information	
Driver included	Yes
Gear	-
Service tag	Yes
Light Technical	
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 Light source color Temperature (Nom.) Luminous Flux 911401647509 BRP490 LED99/NW 70W DW2n PSA 740 neutral white 4000 K 9,900 Im 911401647609 BRP490 LED75/NW 50W DW2n PSA 740 neutral white 4000 K 7,500 Im 911401647709 BRP490 LED99/NW 70W DW2n PSA 740 neutral white 4000 K 4,800 Im 911401647809 BRP490 LED96/NW 70W DW2n PSA 740 neutral white 4000 K 9,900 Im 911401648309 BRP490 LED96/NW 70W DW2n PSA 730 warm white 3000 K 9,600 Im 911401648409 BRP490 LED73/WW 50W DW2n PSA 730 warm white 3000 K 7,300 Im 911401648509 BRP490 LED47/WW 30W DW2n PSA 740 neutral white 4000 K 18,100 Im 911401648609 BRP490 LED167/WW 120W DW2n 740 neutral white 3000 K 17,600 Im 911401648109 BRP490 LED153/WW 120W DW2n 730 warm white 3000 K 15,300 Im 911401648209 BRP490 LED153/WW 100W DW2n 730 warm white 3000 K 15,300 Im 91401648209 BRP490 LED1618/NW 120W				Correlated Color	
SPI	Order Code	Full Product Name	Light source color	Temperature (Nom)	Luminous Flux
911401647609 BRP490 LED75/NW 50W DW2n PSA 740 neutral white 4000 K 4,800 lm 911401647709 BRP490 LED48/NW 30W DW2n PSA 740 neutral white 4000 K 9,900 lm 911401647909 BRP490 LED99/NW 70W DW2n PSA 740 neutral white 4000 K 9,900 lm 911401648309 BRP490 LED96/WW 70W DW2n 730 warm white 9000 K 9,600 lm 95A SP1 P5 911401648409 BRP490 LED73/WW 50W DW2n PSA 730 warm white 5P1 P5 911401648509 BRP490 LED73/WW 30W DW2n PSA 730 warm white 5P1 P5 911401647809 BRP490 LED181/NW 120W DW2n PSA SP1 P5 911401648509 BRP490 LED181/NW 120W DW2n PSA SP1 P5 911401648509 BRP490 LED181/NW 120W DW2n PSA SP1 P5 911401648009 BRP490 LED181/NW 120W DW2n PSA SP1 P5 911401648009 BRP490 LED153/WW 100W DW2n PSA SP1 P5 911401648009 BRP490 LED153/WW 100W DW2n PSA SP1 P5 911401648009 BRP490 LED153/WW 100W DW2n PSA SP1 P5 911401648009 BRP490 LED181/NW 120W DW2n PSA SP1 P5 911401648009 BRP490 LED181/NW 120W DW2n PSA SP1 P5 911401648009 BRP490 LED155/NW 100W DW2n PSA SP1 P5 911401647309 BRP490 LED155/NW 100W DW2n PSA SP1 P5 911401647309 BRP490 LED181/NW 120W DW2n PSA SP1 P5 911401647309 BRP490 LED155/NW 100W DW2n PSA SP1 P5 911401647309 BRP490 LED157/NW 100W DW2n PSA SP1 P5 911401647309 BRP490 LED155/NW 100W DW2n PSA SP1 P5 911401647409 BRP490 LED155/NW	911401647509	BRP490 LED99/NW 70W DW2n PSA	740 neutral white	4000 K	9,900 lm
911401647709 BRP490 LED48/NW 30W DW2n PSA 740 neutral white 4000 K 4,800 lm 911401647909 BRP490 LED99/NW 70W DW2n PSA 740 neutral white 4000 K 9,900 lm SP1 P5 911401648309 BRP490 LED96/WW 70W DW2n PSA 730 warm white 7SA SP1 P5 911401648409 BRP490 LED73/WW 50W DW2n PSA 730 warm white 7SP1 P5 911401648509 BRP490 LED47/WW 30W DW2n PSA 730 warm white 7SP1 P5 911401647809 BRP490 LED181/NW 120W DW2n PSA 730 warm white 7SA SP1 P5 911401648609 BRP490 LED181/NW 120W DW2n PSA 730 warm white 7SA SP1 P5 911401648609 BRP490 LED176/WW 120W DW2n PSA 730 warm white 7SA SP1 P5 911401648609 BRP490 LED153/WW 100W DW2n PSA P1 P5 911401648609 BRP490 LED153/WW 100W DW2n PSA SP1 P5 911401648609 BRP490 LED157/NW 100W DW2n PSA SP1 P5 911401647209 BRP490 LED157/NW 100W DW2n PSA SP1 95 9		SP1			
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SPI P5 911401648509 BRP490 LED47/WW 30W DW2n PSA SPI P5 730 warm white 3000 K 4,700 lm 911401647809 BRP490L LED181/NW 120W DW2n PSA SPI P5 740 neutral white PSA SPI P5 4000 K 18,100 lm 911401648009 BRP490L LED176/WW 120W DW2n PSA SPI P5 730 warm white PSA SPI P5 3000 K 15,300 lm 911401648109 BRP490L LED153/WW 100W DW2n PSA SPI P5 730 warm white PSA SPI P5 3000 K 12,000 lm 911401647209 BRP490L LED120/WW 80W DW2n PSA SPI P5 740 neutral white PSA SPI 4000 K 18,100 lm 911401647209 BRP490L LED157/NW 100W DW2n PSA SPI 740 neutral white PSA SPI 4000 K 15,700 lm 911401647309 BRP490L LED157/NW 100W DW2n PSA SPI 740 neutral white PSA SPI 4000 K 15,700 lm		PSA SP1 P5			
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SPI P5 911401647809 BRP490L LED181/NW 120W DW2n PSA SPI P5 740 neutral white PSA SPI P5 4000 K 18,100 lm 911401648009 BRP490L LED176/WW 120W DW2n PSA SPI P5 730 warm white PSA SPI P5 3000 K 15,300 lm 911401648109 BRP490L LED153/WW 100W DW2n PSA SPI P5 730 warm white PSA SPI P5 3000 K 12,000 lm 911401648209 BRP490L LED120/WW 80W DW2n PSA SPI P5 740 neutral white PSA SPI 4000 K 18,100 lm 911401647209 BRP490L LED181/NW 120W DW2n PSA SPI 740 neutral white PSA SPI 4000 K 15,700 lm 911401647309 BRP490L LED157/NW 100W DW2n PSA SPI 740 neutral white PSA SPI 4000 K 12,400 lm		SP1 P5			
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PSA SPI P5 911401648009 BRP490L LED176/WW 120W DW2n PSA SPI P5 911401648109 BRP490L LED153/WW 100W DW2n PSA SPI P5 911401648209 BRP490L LED120/WW 80W DW2n PSA SPI P5 911401647209 BRP490L LED181/NW 120W DW2n PSA SPI P5 911401647209 BRP490L LED181/NW 120W DW2n PSA SPI P5 911401647309 BRP490L LED157/NW 100W DW2n PSA SPI 911401647309 BRP490L LED157/NW 100W DW2n PSA SPI 911401647409 BRP490L LED157/NW 100W DW2n PSA SPI 911401647409 BRP490L LED124/NW 80W DW2n PSA SPI 911401647409 BRP490L LED124/NW 80W DW2n PSA SPI		SP1 P5			
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PSA SP1 P5 911401648109 BRP490L LED153/WW 100W DW2n 730 warm white 730 00 K 15,300 lm PSA SP1 P5 911401648209 BRP490L LED120/WW 80W DW2n PSA SP1 P5 911401647209 BRP490L LED181/NW 120W DW2n PSA SP1 911401647309 BRP490L LED157/NW 100W DW2n PSA SP1 911401647409 BRP490L LED157/NW 100W DW2n PSA SP1 911401647409 BRP490L LED124/NW 80W DW2n 740 neutral white 740 00 K 15,700 lm PSA SP1		PSA SP1 P5			
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PSA SP1 P5 911401648209 BRP490L LED120/WW 80W DW2n 730 warm white 730 00 K 12,000 lm PSA SP1 P5 911401647209 BRP490L LED181/NW 120W DW2n 740 neutral white 740 00 K 18,100 lm PSA SP1 911401647309 BRP490L LED157/NW 100W DW2n 740 neutral white 740 00 K 15,700 lm PSA SP1 911401647409 BRP490L LED124/NW 80W DW2n 740 neutral white 4000 K 12,400 lm		PSA SP1 P5			
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PSA SP1 P5 911401647209 BRP490L LED181/NW 120W DW2n PSA SP1 911401647309 BRP490L LED157/NW 100W DW2n PSA SP1 911401647409 BRP490L LED124/NW 80W DW2n PSA SP1 911401647409 BRP490L LED124/NW 80W DW2n PSA SP1		PSA SP1 P5			
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PSA SP1 911401647409 BRP490L LED124/NW 80W DW2n 740 neutral white 4000 K 12,400 lm		PSA SP1			
911401647409 BRP490L LED124/NW 80W DW2n 740 neutral white 4000 K 12,400 lm	911401647309	BRP490L LED157/NW 100W DW2n	740 neutral white	4000 K	15,700 lm
,		PSA SP1			
PSA SP1	911401647409	BRP490L LED124/NW 80W DW2n	740 neutral white	4000 K	12,400 lm
		PSA SP1			

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
911401647909	BRP490 LED99/NW 70W DW2n PSA SP1 P5	70 W
911401648309	BRP490 LED96/WW 70W DW2n PSA SP1 P5	70 W
911401648409	BRP490 LED73/WW 50W DW2n PSA SP1 P5	50 W
911401648509	BRP490 LED47/WW 30W DW2n PSA SP1 P5	30 W

Order Code	Full Product Name	Power Consumption
911401647809	BRP490L LED181/NW 120W DW2n PSA SP1 P5	120 W
911401648009	BRP490L LED176/WW 120W DW2n PSA SP1 P5	120 W
911401648109	BRP490L LED153/WW 100W DW2n PSA SP1 P5	100 W
911401648209	BRP490L LED120/WW 80W DW2n PSA SP1 P5	80 W
911401647209	BRP490L LED181/NW 120W DW2n PSA SP1	120 W
911401647309	BRP490L LED157/NW 100W DW2n PSA SP1	100 W



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