



# RoadFlair ECO

## BRP490L LED181/NW 120W DW2n PSA SP1P5 GC

RoadFlair ECO, 18100 lm, 120 W, 740 neutral white, Analog, Safety class I

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.

### Product data

General Information	
Gear	-
Driver included	Yes
Service tag	Yes
Value ladder	Performance
Light Technical	
Luminous Flux	18,100 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	151 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Effective projected area	0.07 m <sup>2</sup>

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	78 A
Power Consumption	120 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 0.3 m without plug 3-pole
Protection class IEC	Safety class I
Controls and Dimming	
Dimmable	Yes
Control interface	Analog

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## Mechanical and Housing

Housing Material	Aluminium die-cast ADC1 - alloy grade (EN AC-47100)
Optical cover material	Polycarbonate
Housing Color	RAL7040
Overall length	543 mm
Overall width	132.5 mm
Overall height	132 mm
Dimensions (Height x Width x Depth)	132 x 133 x 543 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Polycarbonate bowl/cover UV-resistant
Net Weight (Piece)	2.790 kg

## Approval and Application

Flammability mark	-
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CE mark	Yes
Ambient temperature range	-40 °C to 50 °C

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Power consumption tolerance	+/-10%

## Product Data

Order product name	BRP490L LED181/NW 120W DW2n PSA SP1P5 GC
Full product name	BRP490L LED181/NW 120W DW2n PSA SP1P5 GC
Order code	911401647809
Material Nr. (12NC)	911401647809
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4

## Dimensional drawing

