



RoadFlair Gen2

BRP491 LED142/NW 100W 220-240V DM GM

RoadFlair Gen2, 14200 lm, 100 W, 740 neutral white, Analog, Safety class I

RoadFlair Gen2 is brand new design road lighting product family, set to meet customers' all-round 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 optics for various applications fulfillment, dimming and system control interface for improving municipal operations and offering future-proof features. RoadFlair Gen2 competitive price would help on the acceleration of road lighting LED transformation, to a more sustainable society and smarter city.

Product data

General Information	
Driver included	Yes
Service tag	Yes
Light Technical	
Luminous Flux	14,200 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	>70
Light source color	740 neutral white
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Power Consumption	100 W

Power Factor (Fraction)	0.95
Connection	Screw connection block 3-pole
Cable	-
Protection class IEC	Safety class I
Controls and Dimming	
Dimmable	Yes
Control interface	Analog
Mechanical and Housing	
Housing Material	Aluminium pressure die cast
Optical cover material	Polycarbonate
Housing Color	Aluminum and gray
Overall length	355 mm
Overall width	230 mm

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Overall height	136 mm
Dimensions (Height x Width x Depth)	136 x 230 x 355 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Polycarbonate micro lens optic
Net Weight (Piece)	3.600 kg

Approval and Application

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

Initial Performance (IEC Compliant)

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

Product Data	
Order product name	BRP491 LED142/NW 100W 220-240V DM GM
Full product name	BRP491 LED142/NW 100W 220-240V DM GM
Full product code	872016972837000
Order code	911401673306
Material Nr. (12NC)	911401673306
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169728370
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169728370

Dimensional drawing

