



# 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		Power Consumption	
Driver included	Yes	Power Factor (Fraction)	0.95
Service tag	Yes	Connection	Screw connection block 3-pole
Value ladder	Performance	Cable	-
		Protection class IEC	Safety class I
Light Technical		Controls and Dimming	
Luminous Flux	14,200 lm	Dimmable	Yes
Correlated Color Temperature (Nom)	4000 K	Control interface	Analog
Luminous Efficacy (rated) (Nom)	140 lm/W		
Color rendering index (CRI)	>70	Mechanical and Housing	
Light source color	740 neutral white	Housing Material	Aluminium pressure die cast
Operating and Electrical		Optical cover material	Polycarbonate
Input Voltage	220 to 240 V	Housing Color	Aluminum and gray
Line Frequency	50 or 60 Hz	Overall length	355 mm

## RoadFlair Gen2

Overall width	230 mm
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%
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Power consumption tolerance	+/-10%
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### 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

