



# RoadFlair Gen2

## BRP491 LED107/WW 80W 220-240V DM GM

RoadFlair Gen2, 10700 lm, 80 W, 730 warm 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 Consumption	80 W
Service tag	Yes	Power Factor (Fraction)	0.95
Value ladder	Performance	Connection	Screw connection block 3-pole
		Cable	-
		Protection class IEC	Safety class I
Light Technical		Controls and Dimming	
Luminous Flux	10,700 lm	Dimmable	Yes
Correlated Color Temperature (Nom)	3000 K	Control interface	Analog
Luminous Efficacy (rated) (Nom)	133 lm/W		
Color rendering index (CRI)	>70	Mechanical and Housing	
Light source color	730 warm white	Housing Material	Aluminium pressure die cast
		Optical cover material	Polycarbonate
		Housing Color	Aluminum and gray
Operating and Electrical		Overall length	355 mm
Input Voltage	220 to 240 V		
Line Frequency	50 or 60 Hz		

## 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 LED107/WW 80W 220-240V DM GM
Full product name	BRP491 LED107/WW 80W 220-240V DM GM
Full product code	872016972823300
Order code	911401674406
Material Nr. (12NC)	911401674406
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169728233
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169728233

## Dimensional drawing

