



# RoadFlair Gen2

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

4000 K

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		Connection	
Driver included	Yes	Cable	-
Light Technical		Temperature	
Luminous Flux	14,200 lumen	Ambient temperature range	-40 to +50 °C
Correlated Color Temperature (Nom)	4000 K	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	140 lm/W	Dimmable	Yes
Color rendering index (CRI)	>70	Control interface	Analog
Light source color	740 neutral white	Mechanical and Housing	
Optical cover/lens type	Polycarbonate micro lens optic	Housing Material	Aluminium pressure die cast
Operating and Electrical		Optical cover/lens material	Polycarbonate
Input Voltage	220 to 240 V	Housing Color	Aluminum and gray
Line Frequency	50 or 60 Hz	Overall length	355 mm
Input Frequency	50 or 60 Hz	Overall width	230 mm
Power Consumption	100 W	Overall height	136 mm
Power Factor (Fraction)	0.95		

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Dimensions (Height x Width x Depth) 136 x 230 x 355 mm

## Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I
CE mark	CE mark

## Initial Performance (IEC Compliant)

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

## Product Data

Full product code	911401673306
Order product name	BRP491 LED142/NW 100W 220-240V DM GM
Order code	911401673306
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	911401673306
Full product name	BRP491 LED142/NW 100W 220-240V DM GM



## Dimensional drawing

