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
CE mark	CE mark

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
Optical cover type	Polycarbonate micro lens optic

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	-

Temperature

Ambient temperature range	-40 to +50 °C

Controls and Dimming

Dimmable	Yes
Control interface	Analog

Mechanical and Housing

Housing Material	Aluminium pressure die cast

Optical cover material	Polycarbonate

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Housing Color	Aluminum and gray
Overall length	355 mm
Overall width	230 mm
Overall height	136 mm
Dimensions (Height x Width x Depth)	136 x 230 x 355 mm

Approval and Application

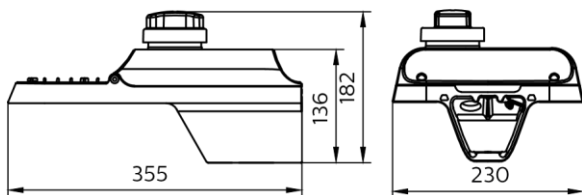| Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I

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

Initial Performance (IEC Compliant)

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

Dimensional drawing

www.lighting.philips.com 2023, December 13 - data subject to change