



RoadFlair Gen2

BRP491 LED142/CW 98W 220-240V DM

5700 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	
Driver included	Yes
Light Technical	
Luminous Flux	14,200 lumen
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	>70
Light source color	Cool white
Optical cover/lens type	Polycarbonate micro lens optic
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Power Consumption	98 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/lens material	Polycarbonate
Housing Color	Aluminum and gray
Overall length	355 mm
Overall width	230 mm
Overall height	136 mm

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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	824110114272
Order product name	BRP491 LED142/CW 98W 220-240V DM
Order code	824110114272
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	824110114272
Full product name	BRP491 LED142/CW 98W 220-240V DM



Dimensional drawing

