PHILIPS

Lighting

RoadFlair Pro

BRP591 LED116/NW 70W DM PSA GM

RoadFlair Pro, 11600 lm, 70 W, 740 neutral white, depends on driver (1-10V, DALI...), Safety class I

Municipalities value energy saving more than ever, as energy price hikes put increasing pressure on the budgets. Street lighting consumes substantial energy, so large-scale upgrades to energy-efficient LED streetlights are fundamental to cities' cost-saving efforts. RoadFlair Pro has been upgraded to minimize costs while maximizing efficacy, safety, and functionality. And the best part - RoadFlair Pro offers a streamlined design, so it maintains an attractive aesthetic on city streets. These streetlights not only look good, they also offer excellent performance Future-proof technology combines with high efficacy (160 lm/W and 200 lm/W), innovative design, and smart connectivity in a light that makes your street look brighter and better

Product data

General Information	
Driver included	Yes
Service tag	Yes
Value ladder	Specification

Light Technical	
Luminous Flux	11,600 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	160 lm/W
Color rendering index (CRI)	>70
Light source color	740 neutral white

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Power Consumption	70 W
Power Factor (Fraction)	0.95
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type B	9
Protection class IEC	Safety class I

Controls and Dimming	
Dimmable	Yes

RoadFlair Pro

Control interface	depends on driver (1-10V, DALI...)

Mechanical and Housing

Housing Material	Aluminum die cast
Optical cover material	Polycarbonate
Housing Color	Grey
Overall length	423 mm
Overall width	189 mm
Overall height	95 mm
Dimensions (Height x Width x Depth)	95 x 189 x 423 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Clear dome
Net Weight (Piece)	3.350 kg

Approval and Application

CE mark	Yes
Ambient temperature range	-40 to +50 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Power consumption tolerance	+/-10%

Application Conditions

Lumen Maintenance	50000hrs

Product Data

Order product name	BRP591 LED116/NW 70W DM PSA GM
Full product name	BRP591 LED116/NW 70W DM PSA GM
Full product code	872110331028600
Order code	911401652208
Material Nr. (12NC)	911401652208
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103310286
Numerator - Packs per outer box	1
EAN/UPC - Case	8721103310286

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