

PHILIPS

Lighting



RoadFlair Pro

BRP592 LED167/NW 100W DM PSA GM

RoadFlair Pro, 16700 lm, 100 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. Futureproof 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		Operating and Electrical	
Driver included	Yes	Input Voltage	220-240 V
Value ladder	Specification	Line Frequency	50 or 60 Hz
CE mark	CE mark	Power Consumption	100 W
		Power Factor (Fraction)	0.95
		Connection	Connection unit 5-pole
		Cable	-
Light Technical		Temperature	
Luminous Flux	16,700 lm	Ambient temperature range	-40 to +50 °C
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	160 lm/W		
Color rendering index (CRI)	>70		
Light source color	740 neutral white		
Optical cover type	Clear dome		
		Controls and Dimming	
		Dimmable	Yes

Initial Performance (IEC Compliant)

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

Housing Material	Aluminum die cast
Optical cover material	Polycarbonate
Housing Color	Grey
Overall length	493 mm
Overall width	189 mm
Overall height	95 mm
Dimensions (Height x Width x Depth)	95 x 189 x 493 mm

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Approval and Application

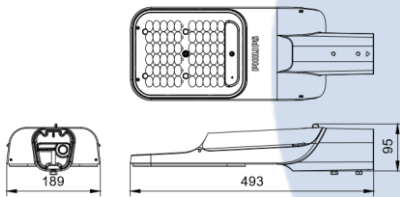
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I

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

Luminous flux tolerance +/-7%

Power consumption tolerance +/-10%

Dimensional drawing



Product Data

Order product name	BRP592 LED167/NW 100W DM PSA GM
Full product name	BRP592 LED167/NW 100W DM PSA GM
Full product code	872016974918400
Order code	911401654608
Material Nr. (12NC)	911401654608
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169749184
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169749184

