PHILIPS

Lighting



RoadFlair

BRP392 LED120/NW 100W 220-240V DM

RoadFlair, 12000 lm, 100 W, 740 neutral white, Safety class I, Side-entry for diameter 42 to 60 mm

Designed for major and city roads, Philips RoadFlair is a new and exciting product set to brighten your streets beyond imagination. Smartly-designed to bring cities the highest savings possible with best-in-class lumen per watt, this road lighting production comes at a competitive price bound to excite. Philips RoadFlair brings energy efficiency, improves a city's sustainability drive and delivers significant cost reduction in urban environments. The right road luminaire coupled with the right lighting application will create the best environment for your municipality, benefiting local communities and boosting tourism and businesses.

Product data

General Information	
Lamp family code	-
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
CE mark	CE mark
Warranty period	3 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	-

Light Technical	
Upward light output ratio	0
Luminous Flux	12,000 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>70
Light source color	740 neutral white
Optical cover type	-
Optic type outdoor	-

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.44 ms
Power Consumption	100 W

RoadFlair

Power Factor (Fraction)	0.9
Connection	-
Cable	-
Number of products on MCB of 16 A type B	11

Temperature

Ambient temperature range	-30 to +50 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum die cast
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Side-entry for diameter 42 to 60 mm
Optical cover shape	Ball, globular
Optical cover finish	-
Overall length	492 mm
Overall width	295 mm
Overall height	86 mm
Effective projected area	0.14 m²
Dimensions (Height x Width x Depth)	86 x 295 x 492 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

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-5%
Initial chromaticity	(0.43, 0.40) SDCM < 5
Power consumption tolerance	+/-5%

Over Time Performance (IEC Compliant)

Median useful life L70B50	100,000 hour(s)

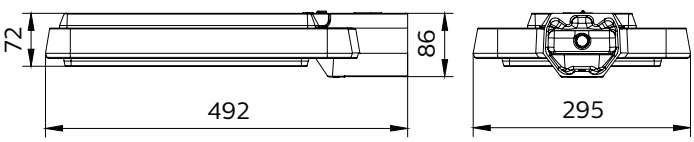
Application Conditions

Maximum dim level	Not applicable

Product Data

Order product name	BRP392 LED120/NW 100W 220-240V DM
Full product name	BRP392 LED120/NW 100W 220-240V DM
Full product code	911401815698
Order code	01815698
Material Nr. (12NC)	911401815698
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing





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2023, May 1 - data subject to change