



RoadFlair

BRP394 LED316/WW 280W 220-240V DM

RoadFlair, 31584 lm, 280 W, 730 warm 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	-	Standard tilt angle posttop	-
Light source replaceable	No	Standard tilt angle side entry	0°
Number of gear units	2 units	Correlated Color Temperature (Nom)	3000 K
Driver included	Yes	Luminous Efficacy (rated) (Nom)	112.8 lm/W
Light source engine type	LED	Color rendering index (CRI)	>70
Flammability mark	For mounting on normally flammable surfaces	Light source color	730 warm white
CE mark	CE mark	Optical cover type	-
ENEC mark	-	Optic type outdoor	-
Warranty period	3 years		
Light Technical		Operating and Electrical	
Upward light output ratio	0	Input Voltage	220 to 240 V
Luminous Flux	31,584 lm	Line Frequency	50 to 60 Hz
		Inrush current	92 A
		Inrush time	0.44 ms
		Power Consumption	280 W

Power Factor (Fraction)	0.9
Connection	-
Cable	-
Number of products on MCB of 16 A type B 5	

Temperature

Ambient temperature range	-30 to +50 °C
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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	870 mm
Overall width	295 mm
Overall height	86 mm
Effective projected area	0.25 m ²
Dimensions (Height x Width x Depth)	86 x 295 x 870 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)
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Application Conditions

Maximum dim level	Not applicable
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Product Data

Order product name	BRP394 LED316/WW 280W 220-240V DM
Full product name	BRP394 LED316/WW 280W 220-240V DM
Full product code	911401820098
Order code	911401820098
Material Nr. (12NC)	911401820098
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



