



RoadGrace

BRP712 LED 171/NW 142W PSU II DM 42-60

RoadGrace, 17040 lm, 142 W, 740 neutral white, Safety class II, Side-entry for diameter 42 to 60 mm

We now light up roads differently. It's no longer just about functionality as it is also about how road lighting can effortlessly complement new areas, and seamlessly retrofit into existing areas. With the RoadGrace LED luminaire, you can upgrade to an energy efficiency solution, and amazing flexibility with its five optic options, optimized for multiple road and street applications, such as freeways, intersections, and crosswalks.

Product data

General Information		Light source color	
Light source replaceable	No	740 neutral white	
Number of gear units	1 unit	Optical cover type	
Driver included	Yes	Polycarbonate micro lens optic	
Light source engine type	LED	Operating and Electrical	
Flammability mark	For mounting on normally flammable surfaces	Input Voltage	
CE mark	CE mark	220 to 240 V	
Warranty period	3 years	Line Frequency	
Light Technical		50 to 60 Hz	
Luminous Flux	17,040 lm	Inrush current	
Standard tilt angle posttop	5°	53 A	
Standard tilt angle side entry	15°	Inrush time	
Correlated Color Temperature (Nom)	4000 K	300 ms	
Luminous Efficacy (rated) (Nom)	120 lm/W	Power Consumption	
Color rendering index (CRI)	>70	142 W	
		Power Factor (Fraction)	
		0.9	
		Connection	
		Connection unit 3-pole	
		Cable	
		-	
		Number of products on MCB of 16 A type B	
		11	
		Temperature	
		Ambient temperature range	
		-40 to +50 °C	

Controls and Dimming

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

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
Overall length	683 mm
Overall width	388 mm
Overall height	87 mm
Effective projected area	0.23 m ²
Dimensions (Height x Width x Depth)	87 x 388 x 683 mm

Approval and Application

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

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-5%
Initial chromaticity	(0.43, 0.40) SDCM < 5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	100,000 hour(s)
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Product Data

Order product name	BRP712 LED 171/NW 142W PSU II DM 42-60
Full product name	BRP712 LED 171/NW 142W PSU II DM 42-60
Full product code	911401834198
Order code	911401834198
Material Nr. (12NC)	911401834198
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

