



# RoadGrace

## BRP711 LED85/NW 70W PSD DWP3 CT

RoadGrace, 8540 lm, 70 W, 740 neutral white, DALI, Safety class I, 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		Color rendering index (CRI)	
Light source replaceable	No	Light source color	740 neutral white
Number of gear units	1 unit	Optical cover type	Polycarbonate micro lens optic
Driver included	Yes	Operating and Electrical	
Light source engine type	LED	Input Voltage	220 to 240 V
Flammability mark	For mounting on normally flammable surfaces	Line Frequency	50 to 60 Hz
CE mark	CE mark	Inrush current	65 A
ENEC mark	-	Inrush time	100 ms
Warranty period	3 years	Power Consumption	70 W
Light Technical		Power Factor (Fraction)	0.95
Luminous Flux	8,540 lm	Connection	Connection unit 3-pole
Standard tilt angle posttop	5°	Cable	-
Standard tilt angle side entry	15°	Number of products on MCB of 16 A type B 11	
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	122 lm/W		

**Temperature**

Ambient temperature range	-40 to +50 °C
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**Controls and Dimming**

Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	DALI
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	584 mm
Overall width	388 mm
Overall height	87 mm
Effective projected area	0.19 m²
Dimensions (Height x Width x Depth)	87 x 388 x 584 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 I

**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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**Application Conditions**

Maximum dim level	10%
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**Product Data**

Order product name	BRP711 LED85/NW 70W PSD DWP3 CT
Full product name	BRP711 LED85/NW 70W PSD DWP3 CT
Full product code	911401814298
Order code	911401814298
Material Nr. (12NC)	911401814298
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

**Dimensional drawing**