



# **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	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Flammability mark	For mounting on normally flammable
	surfaces
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Light Technical	
Luminous Flux	8,540 lm
Standard tilt angle posttop	5°
Standard tilt angle side entry	15°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	122 lm/W

Color rendering index (CRI)	>70	
Light source color	740 neutral white	
Optical cover type	Polycarbonate micro lens optic	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Inrush current	65 A	
Inrush time	100 ms	
Power Consumption	70 W	
Power Factor (Fraction)	0.95	
Connection	Connection unit 3-pole	
Cable	-	
Number of products on MCB of 16 A type B 11		

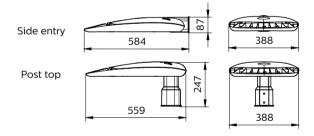
Datasheet, 2023, September 4 data subject to change

### RoadGrace

Temperature	
Ambient temperature range	-40 to +50 °C
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

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)
Application Conditions	
Maximum dim level	10%
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





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.