



RoadGrace

BRP712 LED 111/NW 91W DM 42-60

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	740 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Control interface	-
Protection class IEC	Safety class I
CE mark	CE mark
Warranty period	3 years
Constant light output	No
Number of products on MCB of 16 A type B	11
Light source engine type	LED
Light Technical	
Standard tilt angle posttop	5°
Standard tilt angle side entry	15°
Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz

Inrush current	46 A
Inrush time	440 ms
Power Factor (Min)	0.9
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Material	Aluminum die cast
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminum
Mounting device	Side-entry for diameter 42 to 60 mm
Optical cover/lens shape	Ball, globular
Overall length	683 mm
Overall width	388 mm
Overall height	87 mm
Effective projected area	0.227 m ²
Color	Gray

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Approval and Application

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

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	10920 lm
Luminous flux tolerance	+/-5%
Initial LED luminaire efficacy	120 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>70
Initial chromaticity	(0.433, 0.401) SDCM>5
Initial input power	91 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

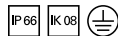
Median useful life L70B50	100000 h
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Application Conditions

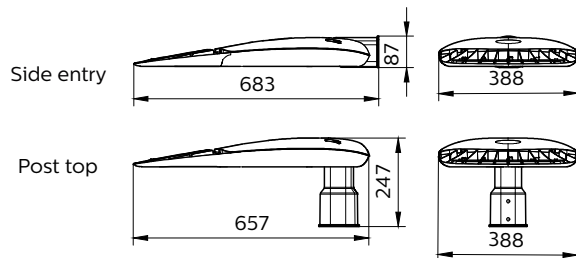
Ambient temperature range	-40 to +50 °C
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Product Data

Full product code	911401834098
Order product name	BRP712 LED 111/NW 91W DM 42-60
Order code	911401834098
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401834098
Net Weight (Piece)	6.799 kg



Dimensional drawing



BRP711/712 RoadGrace

