



RoadForce

BRP482 LED172-2S NW 100W DML P7 0-10

100 W, Grey

With an extremely high measured efficacy of up to 190 lm/W, excellent optical gear and great installation flexibility with an integrated angle adjustment system, the RoadForce family ensures a high-quality luminous result compliant with local application standards. Designed with robust components, the RoadForce luminaire complies with the highest quality standards while reducing the maintenance costs.

Warnings and Safety

- Follow the mounting instructions provided by the manufacturer.

Product data

General Information			
Lamp family code	-	Inrush time	0.858 ms
Light source replaceable	Yes	Power Consumption	100 W
Driver included	Yes	Power Factor (Fraction)	0.95
		Connection	Flying leads/wires
		Cable	-
		Number of products on MCB of 16 A type B	3
Light Technical		Protection class IEC	Safety class I
Luminous Flux	17,200 lm	Surge Protection (Common/Differential)	Surge protection level until 10 kV
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	172 lm/W	Controls and Dimming	
Color rendering index (CRI)	70	Dimmable	0-10V
Luminaire light beam spread	-	Driver/power unit/transformer	Power supply unit regulating
Effective projected area	0.04 m ²	Control interface	Analog
		Constant light output	No
Operating and Electrical		Mechanical and Housing	
Input Voltage	120 to 277 V	Housing Material	Aluminium pressure die cast
Line Frequency	50 or 60 Hz		
Inrush current	75.6 A		

Housing Color	Grey
Mounting device	Mounting bracket adjustable
Overall height	126 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Standard tilt angle posttop	-
Standard tilt angle side entry	0°
Net Weight (Piece)	3.650 kg

Approval and Application

Ambient temperature range	-20 to +50 °C
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Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
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Power consumption tolerance	+/-10%
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Over Time Performance (IEC Compliant)

Median useful life L70B50	102,000 hour(s)
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Product Data

Order product name	BRP482 LED172-2S NW 100W DML P7 0-10
Full product name	BRP482 LED172-2S NW 100W DML P7 0-10
Order code	919306034831
Material Nr. (12NC)	919306034831
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

