



RoadForce

BRP481 LED51-2S NW 27W DWL P7 0-10

27 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	-
Light source replaceable	Yes
Driver included	Yes
Light Technical	
Luminous Flux	5,100 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	189 lm/W
Color rendering index (CRI)	70
Luminaire light beam spread	-
Effective projected area	0.04 m ²
Operating and Electrical	
Input Voltage	120 to 277 V
Line Frequency	50 or 60 Hz
Inrush current	52.8 A

Inrush time	0.68 ms
Power Consumption	27 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	-
Number of products on MCB of 16 A type B	3
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Surge protection level until 10 kV
Controls and Dimming	
Dimmable	0-10V
Driver/power unit/transformer	Power supply unit regulating
Control interface	Analog
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminium pressure die cast

RoadForce

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)	3.240 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	BRP481 LED51-2S NW 27W DWL P7 0-10
Full product name	BRP481 LED51-2S NW 27W DWL P7 0-10
Order code	919306034191
Material Nr. (12NC)	919306034191
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

