



EssentialForce

BRP230 LED62-2S WW 42W DMLN P7 0-10

LED-HP | LED High Power, 42 W, Grey

With a measured efficacy of up to 150 lm/W and good optical performance the EssentialForce family ensures an optimal value for money solution, while complying with local application standards for street lighting.

Warnings and Safety

- Follow the mounting instructions provided by the manufacturer.

Product data

General Information		Power Consumption	
Lamp family code	LED-HP [LED High Power]	Power Consumption	42 W
Light source replaceable	Yes	Power Factor (Fraction)	0.95
Driver included	Yes	Connection	Flying leads/wires
Value ladder	Value	Cable	Cable without plug 3-pole
Light Technical		Number of products on MCB of 16 A type B 24	
Luminous Flux	6,200 lm	Protection class IEC	Safety class I
Correlated Color Temperature (Nom)	3000 K	Surge Protection (Common/Differential)	Surge protection level until 10 kV differential mode and 10 kV common mode
Luminous Efficacy (rated) (Nom)	148 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	0.021 m ²	Control interface	Analog
Operating and Electrical		Constant light output	No
Input Voltage	120 to 277 V	Mechanical and Housing	
Line Frequency	50 or 60 Hz	Housing Material	Aluminium pressure die cast
Inrush current	15 A	Housing Color	Grey
Inrush time	0.22 ms	Mounting device	-

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Overall length	300 mm
Overall width	107 mm
Overall height	130 mm
Dimensions (Height x Width x Depth)	130 x 107 x 300 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)	1.600 kg

Approval and Application

Ambient temperature range	-5 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	BRP230 LED62-2S WW 42W DMLN P7 0-10
Full product name	BRP230 LED62-2S WW 42W DMLN P7 0-10
Order code	919306035991
Material Nr. (12NC)	919306035991
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

