



EssentialForce

BRP230 LED90 NW 65W DMLN P7 0-10 MX

LED High Power, 65 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]	65 W	
Light source replaceable	Yes	Power Factor (Fraction)	
Driver included	Yes	0.95	
Light Technical		Connection	
Luminous Flux	9,000 lm	Flying leads/wires	
Standard tilt angle posttop	-	Cable	
Standard tilt angle side entry	0°	Cable without plug 3-pole	
Luminous Efficacy (rated) (Nom)	138 lm/W	Number of products on MCB of 16 A type B	
Correlated Color Temperature (Nom)	4000 K	15	
Color rendering index (CRI)	70	Temperature	
Luminaire light beam spread	-	Ambient temperature range	
Operating and Electrical		-5 to +50 °C	
Input Voltage		Controls and Dimming	
120 to 277 V		Dimmable	
Line Frequency		0-10V	
50 or 60 Hz		Driver/power unit/transformer	
Inrush current		Power supply unit regulating	
15 A		Control interface	
Inrush time		Analog	
0.22 ms		Constant light output	
		No	
		Mechanical and Housing	
		Housing Material	
		Aluminium pressure die cast	
		Housing Color	
		Grey	
		Mounting device	
		-	

Overall length	300 mm
Overall width	107 mm
Overall height	130 mm
Effective projected area	0.021 m²
Dimensions (Height x Width x Depth)	130 x 107 x 300 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
Protection class IEC	Safety class I

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 LED90 NW 65W DMLN P7 0-10 MX
Full product name	BRP230 LED90 NW 65W DMLN P7 0-10 MX
Order code	919306035621
Material Nr. (12NC)	919306035621
Numerator - Quantity Per Pack	1
Net Weight (Piece)	1.600 kg
Numerator - Packs per outer box	1

