



# EssentialForce Plus

## BRP231 LED182 NW 114W DML P7 0-10

LED185-4S | LED module, system flux 18500 lm, 114 W, Gray

With a measured efficacy of up to 165 lm/W, great optical performance and robustness, EssentialForce Plus ensures great return on investment and compliance to application standards.

### Warnings and Safety

- Follow the mounting instructions provided by the manufacturer.

### Product data

General Information	
Lamp family code	LED185-4S [LED module, system flux 18500 lm]
Light source replaceable	Yes
Driver included	Yes
Value ladder	Value
Light Technical	
Luminous Flux	18,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	162 lm/W
Color rendering index (CRI)	70
Luminaire light beam spread	142° x 73°
Effective projected area	0.0276 m <sup>2</sup>
Operating and Electrical	
Input Voltage	120 to 277 V
Line Frequency	50 or 60 Hz
Average CLO power consumption	114 W

Inrush current	70 A
Inrush time	160 ms
Power Consumption	114 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable without plug 3-pole
Number of products on MCB of 16 A type B	16
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Surge protection level until 10 kV
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Analog
Constant light output	No
Maximum dim level	1%
Mechanical and Housing	
Housing Material	Aluminum

## EssentialForce Plus

Housing Color	Gray
Mounting device	Spigot
Overall length	304 mm
Overall width	277 mm
Overall height	135 mm
Overall diameter	60 mm
Dimensions (Height x Width x Depth)	135 x 277 x 304 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°+5°-5°
Net Weight (Piece)	2.600 kg

### Approval and Application

Ambient temperature range	-5 to +50 °C
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### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-5%
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

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

Order product name	BRP231 LED182 NW 114W DML P7 0-10
Full product name	BRP231 LED182 NW 114W DML P7 0-10
Order code	919306038141
Material Nr. (12NC)	919306038141
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

