SmartBright LED Floodlight

BVP176 LED190/CW 200W WB GREY CE

SmartBright LED Floodlight – 19000 lm – 200 W – 5700 K

The SmartBright LED Floodlight is a versatile floodlight engineered to deliver significant energy savings, an ideal solution for diverse floodlighting applications. The product is also designed to meet relevant performance and safety standards,offering you reliable and long-lasting performance.

Product data

General Information

Lamp family code	LED190 [LED module 19000 lm]
Light source color	757 cool white
Light source replaceable	No
Driver included	Yes
Optical cover/lens type	Polycarbonate bowl/cover UV-resistant
Luminaire light beam spread	30° x 80°
Control interface	–
Connection	Flying leads/wires
Cable	Cable 0.6 m without plug
Protection class IEC	Safety class I
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	–
Constant light output	No
Number of products on MCB of 16 A type B	13

Light source engine type	LED

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Inrush current	11.5 A
Inrush time	0.077 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Material	Aluminum die cast
Optical cover/lens material	Polycarbonate
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Frosted

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Overall length	390 mm
Overall width	287 mm
Overall height	62 mm
Effective projected area	0.1365 m²
Color	Gray

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	19000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	95 lm/W
Init. Corr. Color Temperature	5700 K
Init. Color Rendering Index	>70
Initial chromaticity	SDCM<7

Initial input power	200 W
Power consumption tolerance	+/-10%

Application Conditions

Ambient temperature range	-40 to +45 ℃

Product Data

Full product code	871016331968199
Order product name	BVP176 LED190/CW 200W WB GREY CE
EAN/UPC – Product	8710163319681
Order code	911401629604
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	3
Material Nr. (12NC)	911401629604
Net Weight (Piece)	4.400 kg

Dimensional drawing
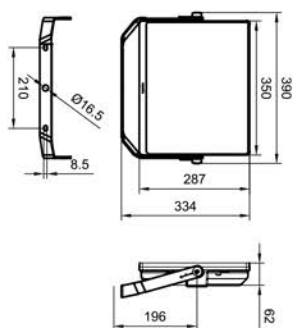
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2021, November 8 – data subject to change