



SmartBright LED Security Light

BWS220 LED20/CW PSU 100-240V

SmartBright LED Security Light, 2000 lm, 30 W, 865 cool daylight, 120°, Safety class I, Baseplate

The SmartBright LED Security light is a PIR motion sensor activated twin head security light. With a wide detection range, brighter light output and instant-on LED technology, you can be assured your property is well lit for visibility at night.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
CE mark	CE mark
Flammability mark	For mounting on normally flammable
	surfaces
Light Technical	
Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	66.7 lm/W
Color rendering index (CRI)	>80
Light source color	865 cool daylight
Optical cover type	-
Luminaire light beam spread	120°
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Operating and Electrical		
Input Voltage	100 to 240 V	
Line Frequency	50 or 60 Hz	
Inrush current	5.25 A	
Inrush time	0.0405 ms	
Power Consumption	30 W	
Power Factor (Fraction)	0.9	
Connection	Push-in connector 6-pole	
Cable	-	
Number of products on MCB of 16 A type B 20		
Temperature		
Ambient temperature range	-20 to +40 °C	
Controls and Dimming		
Dimmable	No	
Control interface	-	

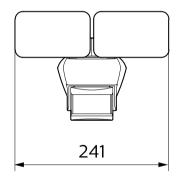
Datasheet, 2023, April 14 data subject to change

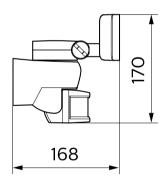
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Constant light output	No
Mechanical and Housing	
Housing Material	Metal-Plastic
Optical cover material	Polycarbonate
Housing Color	Black
Mounting device	Baseplate
Optical cover shape	Curved
Optical cover finish	Frosted
Overall length	242 mm
Overall width	171 mm
Overall height	168 mm
Dimensions (Height x Width x Depth)	168 x 171 x 242 mm
Approval and Application	
Ingress protection code	IP54 [Dust accumulation-protected, splash-
	proof]
Mech. impact protection code	IK05 [0.7 J]
Protection class IEC	Safety class I

Initial Performance (IEC Complian	t)
Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM<7
Power consumption tolerance	+/-10%
Application Conditions	
Maximum dim level	Not applicable
Product Data	
Order product name	BWS220 LED20/CW PSU 100-240V
Full product name	BWS220 LED20/CW PSU 100-240V
Full product code	871016331595999
Order code	911401712692
Material Nr. (12NC)	911401712692
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163315959
Numerator - Packs per outer box	8
EAN/UPC - Case	8710163315973

Dimensional drawing







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