



SmartBright LED Security Light

BWS220 LED20/NW PSU

SmartBright LED Security Light, 2000 lm, 30 W, 840 neutral white, 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		Luminaire light beam spread	
Light source replaceable	No	120°	
Driver included	Yes		
Light source engine type	LED	Operating and Electrical	
CE mark	-	Input Voltage	240 V
Flammability mark	For mounting on normally flammable surfaces	Line Frequency	50 to 60 Hz
		Inrush current	5.25 A
		Inrush time	0.0405 ms
		Power Consumption	30 W
		Power Factor (Fraction)	0.9
		Connection	Screw connector
		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
Light Technical			
Luminous Flux	2,000 lm		
Standard tilt angle posttop	-		
Standard tilt angle side entry	-		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	66.7 lm/W		
Color rendering index (CRI)	>80		
Light source color	840 neutral white		
Optical cover type	-		

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Control interface	-
Mechanical and Housing	
Housing Material	Metal–Plastic
Optical cover material	Polycarbonate
Housing Color	Black
Mounting device	Baseplate
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 Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM<7
Power consumption tolerance	+/-10%
Product Data	
Order product name	BWS220 LED20/NW PSU
Full product name	BWS220 LED20/NW PSU
Full product code	911401853597
Order code	911401853597
Material Nr. (12NC)	911401853597
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163315256
Numerator - Packs per outer box	8
EAN/UPC - Case	8710163315263

Dimensional drawing

