

SmartBright LED Security Light

BWS220 LED20/NW PSU 100-240V

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	
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)	4000 K
Luminous Efficacy (rated) (Nom)	66.7 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white
Optical cover type	-
Luminaire light beam spread	120°

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	-

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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 Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM<7
Power consumption tolerance	+/-10%

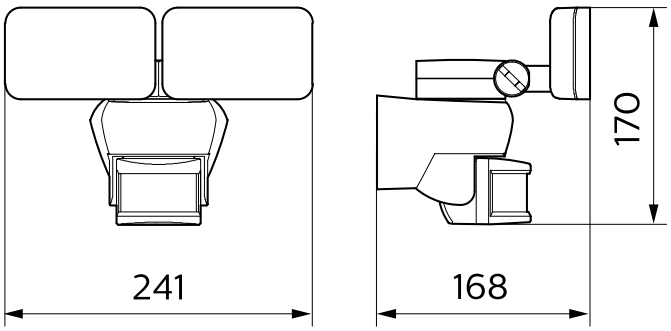
Application Conditions

Maximum dim level	Not applicable

Product Data

Order product name	BWS220 LED20/NW PSU 100-240V
Full product name	BWS220 LED20/NW PSU 100-240V
Full product code	871016331594299
Order code	31594299
Material Nr. (12NC)	911401712682
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163315942
Numerator - Packs per outer box	8
EAN/UPC - Case	8710163315966

Dimensional drawing



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