

FWC LED

BWC110 LED9-/830 PSU II BK PH

SECURITY LED 110, LED Module 900 lm, Power supply unit (On/Off), Photocell included

Feel safe with this energy-efficient wall mounted security luminaire. The LED arrangement and housing cover produce excellent light distribution for lower lighting levels for walls, corridors and the surrounding area.

Product data

General Information	
Lamp family code	LED9 [LED Module 900 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	Photocell included
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Product family code	BWC110 [SECURITY LED 110]
Lighting Technology	LED
Value ladder	Value
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s

EU RoHS compliant	Yes

Light Technical	
Upward light output ratio	0.08
Luminous Flux	900 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	-
Optical cover type	Opal bowl/cover
Luminaire light beam spread	180°
Optic type outdoor	Symmetrical

Operating and Electrical	
Input Voltage	200-220 V

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Line Frequency	50 to 60 Hz
Inrush current	27 A
Inrush time	0.25 ms
Power Consumption	9 W
Power Factor (Fraction)	0.95
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type B	50

Temperature

Ambient temperature range	-40 to +50 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Acrylonitile styrene acrylate
Reflector material	-
Optic material	-
Optical cover material	UV stabilized Polycarbonate cover
Fixation material	Polyamide
Housing Color	Black
Mounting device	Wall-mounting bracket
Optical cover shape	Curved
Optical cover finish	Opal
Overall length	242 mm
Overall width	242 mm
Overall height	136 mm
Effective projected area	0.04 m²
Dimensions (Height x Width x Depth)	136 x 242 x 242 mm

Approval and Application

Ingress protection code	IP54 [Dust accumulation-protected, splash-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Philips standard surge protection level
Sustainability rating	-
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Lumen maintenance at median useful life* 50000 h	L70

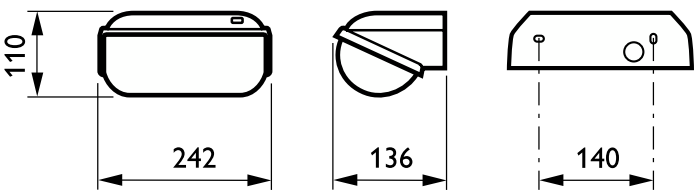
Application Conditions

Performance ambient temperature Tq	25 °C

Product Data

Order product name	BWC110 LED9-/830 PSU II BK PH
Full product name	BWC110 LED9-/830 PSU II BK PH
Full product code	871829185192999
Order code	910500454101
Material Nr. (12NC)	910500454101
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291851929
Numerator - Packs per outer box	4
EAN/UPC - Case	8718291852001

Dimensional drawing





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2024, January 22 - data subject to change