PHILIPS

Lighting



FWC LED

BWC110 LED9-/830 PSU II BK PH

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

Only texts for Benelux market available

Product data

General Information	
Lamp family code	LED9 [LED Module 900 lm]
Light source replaceable	Yes
Number of gear units	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	
Upwards light output ratio	0.08
Luminous Flux	900 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	100 lm/W
Colour rendering index (CRI)	>80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source colour	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
Line Frequency	50 to 60 Hz
Inrush current	27 A
Inrush time	0.25 ms
Power Consumption	9 W

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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/lens material	UV-stabilised polycarbonate cover
Fixation material	Polyamide
Housing Colour	Black
Mounting device	Wall-mounting bracket
Optical cover/lens shape	Curved
Optical cover/lens 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 5,000 hours	1 %
Lumen maintenance at median useful life* 50,000 h	L70

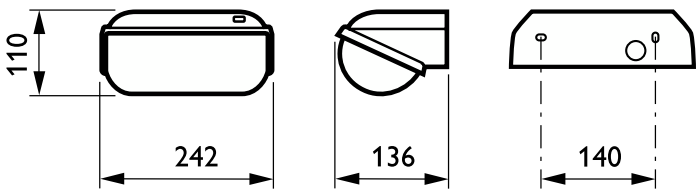
Application Conditions

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 EOC	871829185192999
Order code	85192999
Material no. (12 NC)	910500454101
SAP 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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2023, April 14 - data subject to change