



FWC LED

BWC110 LED9-/830 PSU II BK

SECURITY LED 110 - LED Module 900 lm - Power supply unit

Only texts for Benelux market available

Product data

General Information	
Number of light sources	1 [1 pc]
Lamp family code	LED9 [LED Module 900 lm]
Beam angle of light source	120 °
Light source colour	830 warm white
Cap base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	No [-]
Optical cover/lens type	OB [Opal bowl/cover]
Luminaire light beam spread	180°
Connection	Screw connection block 3-pole
Cable	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	-

Photocell	No [-]
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB (16 A type B)	27
EU RoHS compliant	Yes
LED engine type	LED
Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Product family code	BWC110 [SECURITY LED 110]

Light Technical

Upward light output ratio	0.08
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°

Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	27 A
Inrush time	0.25 ms

FWC LED

Power factor (min.)	0.95
---------------------	------

Controls and Dimming

Dimmable	No
----------	----

Mechanical and Housing

Housing material	Acrylonitrile–styrene–acrylate
Reflector material	-
Optic material	-
Optical cover/lens material	Polycarbonate
Fixation material	Polyamide
Mounting device	MBW [Wall-mounting bracket]
Optical cover/lens shape	Curved
Optical cover/lens finish	Opal
Overall length	242 mm
Overall width	136 mm
Overall height	110 mm
Effective projected area	0.04 m ²
Colour	Black
Dimensions (height x width x depth)	110 x 136 x 242 mm (4.3 x 5.4 x 9.5 in)

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 kV

Initial Performance (IEC Compliant)

Initial luminous flux	668 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	74 lm/W
Init. Corr. Colour Temperature	3000 K
Init. Colour rendering index	80
Initial chromaticity	(0.43, 0.40) SDCM <3
Initial input power	9 W
Power consumption tolerance	+/-10%

Application Conditions

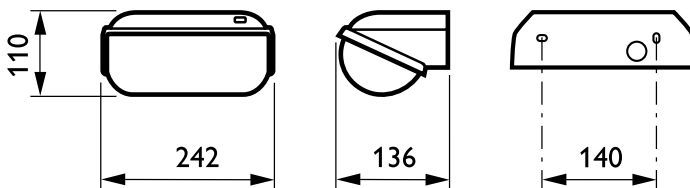
Ambient temperature range	-40 to +50 °C
---------------------------	---------------

Product Data

Full product code	871829185191299
Order product name	BWC110 LED9-/830 PSU II BK
EAN/UPC – product	8718291851912
Order code	85191299
Numerator – quantity per pack	1
SAP numerator – packs per outer box	4
Material no. (12 NC)	910500454099
SAP net weight (piece)	0.850 kg



Dimensional drawing



FWC110/120 LED BWC110/120

