



FWC LED

BWC120 LED18-/830 PSU II BK

SECURITY LED 120, LED module 1800 lm, Power supply unit (On/Off)

Only texts for Benelux market available

Product data

General Information	
Lamp family code	LED18 [LED module 1800 lm]
Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Photocell	-
Remarks	* At extreme ambient temperatures the
	luminaire might automatically dim down
	to protect components
Light source engine type	LED
Product family code	BWC120 [SECURITY LED 120]
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	1,800 lm
Standard tilt angle post-top	O°
Standard tilt angle side entry	O°
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	128 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	5 A
Inrush time	0.05 ms
Power Consumption	14 W

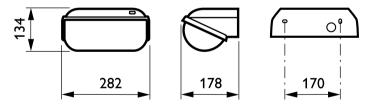
Datasheet, 2023, April 14 data subject to change

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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	27
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	282 mm
Overall width	282 mm
Overall height	178 mm
Effective projected area	0.06 m²
Dimensions (height x width x depth)	178 x 282 x 282 mm
Approval and Application	
Approval and Application	IP54 [Dust accumulation-protected

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 $\!\!\!\!^*$	L70	
50,000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Product Data		
Order product name	BWC120 LED18-/830 PSU II BK	
Full product name	BWC120 LED18-/830 PSU II BK	
Full EOC	871829185195099	
Order code	85195099	
Material no. (12 NC)	910500454104	
SAP numerator – quantity per pack	1	
EAN/UPC — Product/Case	8718291851950	
Numerator – packs per outer box	4	
EAN/UPC - Case	8718291852032	

Dimensional drawing



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