



FWC LED

BWC120 LED18-/830 PSU II BK PH

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 | Photocell included |
| 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 | 0° |
| Standard tilt angle side entry | 0° |
| 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 |
| | |

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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 |
| | |

| 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 PH | |
| Full product name | BWC120 LED18-/830 PSU II BK PH | |
| Full EOC | 871829185196799 | |
| Order code | 85196799 | |
| Material no. (12 NC) | 910500454105 | |
| SAP numerator – quantity per pack | 1 | |
| EAN/UPC — Product/Case | 8718291851967 | |
| | | |
| Numerator – packs per outer box | 4 | |

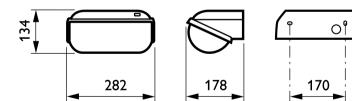
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Approval and Application

Ingress protection code

IP54 [Dust accumulation-protected, splash-proof]

Dimensional drawing



EAN/UPC - Case

FWC LED



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