



CoreLine Wall-mounted

WL120V LED16S/830 PSU GR

LED Module, system flux 1600 lm, 830 warm white, Power supply unit (On/Off), Grey

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Wall-mounted range of LED products can be used to replace traditional wall-mounted luminaires incorporating compact fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Product data

| General Information | | | |
|--------------------------|---|------------------------------------|---|
| Lamp family code | LED16S [LED Module, system flux 1600 lm] | Warranty period | 3 years + 2 years upon registration |
| Light source replaceable | No | Flammability mark | For mounting on normally flammable surfaces |
| Number of gear units | 1 unit | ENEC mark | - |
| Driver included | Yes | Glow-wire test | Temperature 850 °C, duration 30 s |
| Remarks | *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. | EU RoHS compliant | Yes |
| Lighting Technology | | Light Technical | |
| Lighting Technology | LED | Luminous Flux | 1,600 lm |
| Value ladder | Performance | Correlated Color Temperature (Nom) | 3000 K |
| CE mark | Yes | Luminous Efficacy (rated) (Nom) | 67 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 | Symmetrical |

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|-----------------------------|------|
| Luminaire light beam spread | 180° |
|-----------------------------|------|

Operating and Electrical

| | |
|--|-----------------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 22 A |
| Inrush time | 0.32 ms |
| Power Consumption | 24 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector and pull relief |
| Cable | - |
| Number of products on MCB of 16 A type B | 15 |

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | -20 to +35 °C |
|---------------------------|---------------|

Controls and Dimming

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

Mechanical and Housing

| | |
|------------------------|---------------------|
| Housing Material | Composite materials |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | Polyamide |
| Housing Color | Grey |
| Optical cover finish | Opal |

| | |
|------------------|--------|
| Overall height | 120 mm |
| Overall diameter | 344 mm |

Approval and Application

| | |
|------------------------------|--|
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK10 [20 J vandal-resistant] |
| Protection class IEC | Safety class I |

Initial Performance (IEC Compliant)

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|-----------------------------|---------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.47, 0.42) SDCM<3 |
| Power consumption tolerance | +/-10% |

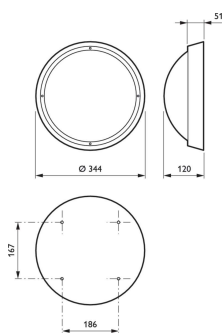
Application Conditions

| | |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching | No |

Product Data

| | |
|---------------------------------|--------------------------|
| Order product name | WL120V LED16S/830 PSU GR |
| Full product name | WL120V LED16S/830 PSU GR |
| Full product code | 871869606640999 |
| Order code | 06640999 |
| Material Nr. (12NC) | 910503910017 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696066409 |
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 8718696066522 |

Dimensional drawing



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