



GreenSpace Surface-mounted

SM291C LED10/830 PSU BK

LED, 10 W, Power supply unit (On/Off), High-gloss mirror, Reflector, 90°

Philips GreenSpace Surface-mounted LED Downlight delivers a superior LED alternative that's up to 66% more energy efficient than the conventional downlight retrofits. Blending seamlessly into its environment, GreenSpace Surface-mounted LED Downlight mimics the form of conventional recessed downlights minus the associated high energy and maintenance costs. Philips GreenSpace Surface-mounted LED Downlight is also ideal for all commercial lighting applications as well as public indoor space where there is limited space in the ceiling.

Product data

| General Information | | Operating and Electrical | |
|------------------------------------|-------------|--|-------------------|
| Light source replaceable | No | Light source color | 830 warm white |
| Number of gear units | 1 unit | Optic type | High-gloss mirror |
| Driver included | Yes | Luminaire light beam spread | 90° |
| Light source engine type | LED | Input Voltage | 220 to 240 V |
| Service tag | Yes | Line Frequency | 50 or 60 Hz |
| Value ladder | Performance | Inrush current | 11 A |
| Warranty period | 3 years | Inrush time | 0.003 ms |
| Luminous Flux | 1,000 lm | Power Consumption | 10 W |
| Correlated Color Temperature (Nom) | 3000 K | Power Factor (Fraction) | 0.9 |
| Luminous Efficacy (rated) (Nom) | 100 lm/W | Number of products on MCB of 16 A type B | 30 |
| Color rendering index (CRI) | >80 | Suitable for random switching | No |

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|----------------------|----------------|
| Protection class IEC | Safety class I |
|----------------------|----------------|

Controls and Dimming

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

Mechanical and Housing

| | |
|-------------------------------------|-------------------------|
| Housing Material | Aluminum die cast |
| Reflector material | Aluminum |
| Optic material | Aluminum |
| Optical cover material | - |
| Housing Color | Black |
| Optical cover finish | - |
| Overall length | 0 mm |
| Overall width | 0 mm |
| Overall height | 135 mm |
| Overall diameter | 160 mm |
| Dimensions (Height x Width x Depth) | 135 x 0 x 0 mm |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Optical cover type | Reflector |
| Net Weight (Piece) | 0.600 kg |

Approval and Application

| | |
|----------------|----------------------------------|
| Glow-wire test | Temperature 750 °C, duration 5 s |
|----------------|----------------------------------|

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|---------------------------|---------------|
| CE mark | Yes |
| Ambient temperature range | -20 to +40 °C |

Initial Performance (IEC Compliant)

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|-----------------------------|----------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.44, 0.40) SDCM <5 |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

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|-------------------------------|----------------|
| Driver failure rate at 5000 h | 1.00 % |
| Median useful life L70B50 | 50,000 hour(s) |
| Median useful life L80B50 | 40,000 hour(s) |
| Median useful life L90B50 | 20,000 hour(s) |

Product Data

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|---------------------------------|-------------------------|
| Order product name | SM291C LED10/830 PSU BK |
| Full product name | SM291C LED10/830 PSU BK |
| Full product code | 911401509131 |
| Order code | 911401509131 |
| Material Nr. (12NC) | 911401509131 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |

Dimensional drawing



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