



CoreLine Recessed Spot

RS141B LED12-32-/840 PSR PI6 WH

CoreLine Recessed Spot, 16 W, 1200 lm, 4000 K, Analog, Beam angle 32°, White

CoreLine Recessed Spot delivers on the CoreLine promise of innovative, easy to use and high-quality luminaires. CoreLine Recessed Spot is a recessed spot range designed to replace halogen-based luminaires. Its halogen-like look and attractive price make it easier for customers to make the switch to LED. This product provides a natural lighting effect for accent lighting applications, as well as instant energy savings and much longer lifetime – an environmentally friendly solution. With the push-in connectors, installation is fast and straightforward.

Product data

| General Information | | Value ladder | |
|------------------------------------|--|-------------------|---|
| Lamp family code | LED12S [LED module, system flux 1200 lm] | CE mark | Performance |
| Cap-Base | - [-] | Warranty period | Yes |
| Light source replaceable | No | Flammability mark | 3 years + 2 years upon registration |
| Number of gear units | 1 unit | Flammability mark | For mounting on normally flammable surfaces |
| Driver included | Yes | ENEC mark | - |
| 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. | Glow-wire test | Temperature 650 °C, duration 5 s |
| Lighting Technology | LED | EU RoHS compliant | Yes |
| Light Technical | | | |
| Luminous Flux | 1,200 lm | | |
| Correlated Color Temperature (Nom) | 4000 K | | |
| Luminous Efficacy (rated) (Nom) | 75 lm/W | | |
| Color rendering index (CRI) | 85 | | |

CoreLine Recessed Spot

| | |
|-----------------------------|--------------------------------|
| Number of light sources | 1 |
| Beam angle of light source | 32 degree(s) |
| Light source color | 840 neutral white |
| Optic type | Beam angle 32° |
| Optical cover type | Polycarbonate bowl/cover clear |
| Luminaire light beam spread | 32° |

Operating and Electrical

| | |
|--|--------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 7 A |
| Inrush time | 500 ms |
| Power Consumption | 16 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector 6-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | - |

Temperature

| | |
|---------------------------|-------------|
| Ambient temperature range | 0 to +35 °C |
|---------------------------|-------------|

Controls and Dimming

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|-------------------------------|------------------------------|
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit regulating |
| Control interface | Analog |
| Constant light output | No |

Mechanical and Housing

| | |
|------------------------|-------------------|
| Housing Material | Aluminum die cast |
| Reflector material | Polycarbonate |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | Stainless steel |
| Housing Color | White |
| Optical cover finish | Clear |

| | |
|------------------|-------|
| Overall height | 58 mm |
| Overall diameter | 95 mm |

Approval and Application

| | |
|------------------------------|-------------------------------------|
| Ingress protection code | IP44 [Wire-protected, splash-proof] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Protection class IEC | Safety class II |

Initial Performance (IEC Compliant)

| | |
|-----------------------------|----------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.38, 0.38) SDCM <5 |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

| | |
|---|-----|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h | L70 |

Application Conditions

| | |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | 10% |
| Suitable for random switching | Yes |

Product Data

| | |
|---------------------------------|---------------------------------|
| Order product name | RS141B LED12-32-/840 PSR PI6 WH |
| Full product name | RS141B LED12-32-/840 PSR PI6 WH |
| Full product code | 871869607128199 |
| Order code | 910503910149 |
| Material Nr. (12NC) | 910503910149 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696071281 |
| Numerator - Packs per outer box | 18 |
| EAN/UPC - Case | 8718696071335 |

Dimensional drawing

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