PHILIPS Lighting



CoreLine Recessed Spot

RS141B LED6-32-/830 PSR PI6 ALU

LED Module 600 lm, 32 degree(s), 830 warm white, Power supply unit regulating, Push-in connector 6-pole, Aluminum

CoreLine Recessed Spot is a recessed spot range designed to replace halogenbased 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 | | C |
|--------------------------|---|----|
| Lamp family code | LED6 [LED Module 600 lm] | W |
| Cap-Base | - [-] | Fl |
| Light source replaceable | No | |
| Number of gear units | 1 unit | E |
| Driver included | Yes | G |
| Remarks | *-Per Lighting Europe guidance paper | E |
| | "Evaluating performance of LED based | |
| | luminaires - January 2018": statistically there | L |
| | is no relevant difference in lumen | L |
| | maintenance between B50 and for example | C |
| | B10. Therefore, the median useful life (B50) | Lu |
| | value also represents the B10 value. | C |
| Lighting Technology | LED | N |
| Value ladder | Performance | В |
| | | |

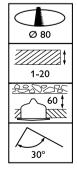
| CE mark | Yes |
|------------------------------------|-------------------------------------|
| Warranty period | 3 years + 2 years upon registration |
| Flammability mark | For mounting on normally flammable |
| | surfaces |
| ENEC mark | - |
| Glow-wire test | Temperature 850 °C, duration 5 s |
| EU RoHS compliant | Yes |
| | |
| Light Technical | |
| Luminous Flux | 650 lm |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 65 lm/W |
| Color rendering index (CRI) | 85 |
| Number of light sources | 1 |
| Beam angle of light source | 32 degree(s) |
| | |

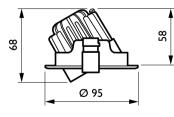
CoreLine Recessed Spot

| Light source color | 830 warm white | Overall diamete |
|--------------------------------------|--------------------------------|-------------------|
| Optic type | Beam angle 32° | |
| Optical cover type | Polycarbonate bowl/cover clear | Approval and |
| Luminaire light beam spread | 32° | Ingress protecti |
| | | Mech. impact p |
| Operating and Electrical | | Protection class |
| Input Voltage | 220 to 240 V | |
| Line Frequency | 50 to 60 Hz | Initial Perform |
| Inrush current | 7 A | Luminous flux t |
| Inrush time | 500 ms | Initial chromatic |
| Power Consumption | 10 W | Power consump |
| Power Factor (Fraction) | 0.9 | |
| Connection | Push-in connector 6-pole | Over Time Pe |
| Cable | - | Control gear fai |
| Number of products on MCB of 16 A ty | ype - | life 50000 h |
| В | | Lumen mainten |
| | | life* 50000 h |
| Temperature | | |
| Ambient temperature range | 0 to +35 °C | Application C |
| | | Performance ar |
| Controls and Dimming | | Maximum dim l |
| Dimmable | Yes | Suitable for ran |
| Driver/power unit/transformer | Power supply unit regulating | |
| Control interface | Analog | Product Data |
| Constant light output | No | Order product r |
| | | Full product na |
| Mechanical and Housing | | Full product cod |
| Housing Material | Aluminum | Order code |
| Reflector material | Polycarbonate | Material Nr. (12 |
| Optic material | Polycarbonate | Numerator - Qu |
| Optical cover material | Polycarbonate | EAN/UPC - Pro |
| Fixation material | Stainless steel | Numerator - Pa |
| Housing Color | Aluminum | EAN/UPC - Cas |
| Optical cover finish | Clear | |
| | | |

| 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 | (0.42, 0.40) SDCM <5 | | | |
| Power consumption tolerance | +/-10% | | | |
| | | | | |
| Over Time Performance (IEC Compliant) | | | | |
| Control gear failure rate at median useful | l 5% | | | |
| life 50000 h | | | | |
| Lumen maintenance at median useful | L70 | | | |
| life* 50000 h | | | | |
| | | | | |
| Application Conditions | | | | |
| Performance ambient temperature Tq | 25 ℃ | | | |
| Maximum dim level | 10% | | | |
| Suitable for random switching | Yes | | | |
| | | | | |
| Product Data | | | | |
| Order product name | RS141B LED6-32-/830 PSR PI6 ALU | | | |
| Full product name | RS141B LED6-32-/830 PSR PI6 ALU | | | |
| Full product code | 871869606907399 | | | |
| Order code | 06907399 | | | |
| Material Nr. (12NC) | 910503910062 | | | |
| Numerator - Quantity Per Pack | 1 | | | |
| EAN/UPC - Product/Case | 8718696069073 | | | |
| Numerator - Packs per outer box | 18 | | | |
| EAN/UPC - Case | 8718696069196 | | | |
| | | | | |

Dimensional drawing





CoreLine Recessed Spot



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