# CoreLine Recessed Spot

## RS141B LED9-32-/840 PSR PI6 WH

CoreLine Recessed Spot, 11 W, 900 lm, 4000 K, Analogue, Beam angle 32°, White RAL9010

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 | |
|---|---|
| **Light source replaceable** | No |
| **Number of gear units** | Unit |
| **Driver included** | Yes |
| **Remarks** | *- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value. |
| **Lighting Technology** | LED |
| **Value ladder** | Performance |
| **CE mark** | Yes |
| **Warranty period** | 5 years |
| **Flammability mark** | For mounting on normally flammable surfaces |
| **ENEC mark** | - |
| **Glow-wire test** | Temperature 650 °C, duration 30 s |
| **EU RoHS compliant** | Yes |

| Light Technical | |
|---|---|
| **Luminous Flux** | 900 lm |
| **Correlated Colour Temperature** | 4000 K |
| **Luminous efficacy (rated) (nom.)** | 82 lm/W |
| **Colour rendering index (CRI)** | 85 |
| **Beam angle of light source** | 32 degree(s) |
| **Light source colour** | 840 neutral white |
| **Optic type** | Beam angle 32° |

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| | |
|---|---|
| **Luminaire light beam spread** | 32° |
| **Unified Glare Rating (CEN)** | 22 |

## 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** | 11 W |
| **Power Factor (Fraction)** | 0.9 |
| **Connection** | Push-in connector 6-pole |
| **Cable** | - |
| **Number of products on MCB of 16 A type B** | 40 |

## Temperature

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

## Controls and Dimming

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

## Mechanical and Housing

| | |
|---|---|
| **Housing material** | Aluminium die cast |
| **Reflector material** | Polycarbonate |
| **Optic material** | Polycarbonate |
| **Optical cover/lens material** | Polycarbonate |
| **Fixation material** | Stainless steel |
| **Housing Colour** | White RAL9010 |
| **Optical cover/lens finish** | Clear |
| **Overall height** | 59.5 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] |
| **Sustainability rating** | - |
| **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 50,000 h** | 5 % |
| **Lumen maintenance at median useful life* 50,000 h** | L70 |

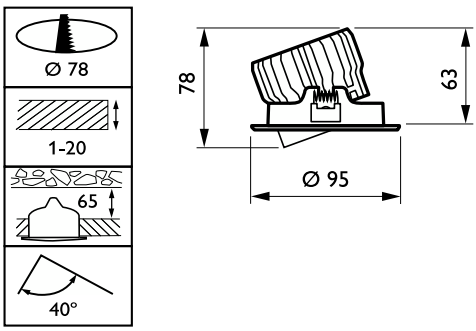
## Application Conditions

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

## Product Data

| | |
|---|---|
| **Order product name** | RS141B LED9-32-/840 PSR PI6 WH |
| **Full product name** | RS141B LED9-32-/840 PSR PI6 WH |
| **Full EOC** | 871869938284199 |
| **Order code** | 38284199 |
| **Material no. (12 NC)** | 912401483038 |
| **SAP numerator – quantity per pack** | 1 |
| **EAN/UPC — Product/Case** | 8718699382841 |
| **Numerator – packs per outer box** | 18 |
| **EAN/UPC - Case** | 8718699383114 |

## Dimensional drawing



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www.lighting.philips.com
2023, April 30 - data subject to change