



# CoreLine Recessed Spot

## RS141B LED12-36-/840 PSR PI6 WH

CoreLine Recessed Spot, 15 W, 1200 lm, 4000 K, Analogue, Beam angle 36°, 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      |  | Warranty period                  |   |
|--------------------------|--|----------------------------------|---|
| Light source replaceable | No   | Flammability mark                | 5 years                                     |
| Number of gear units     | Unit   |                                  | For mounting on normally flammable surfaces |
| Driver included          | Yes  | ENEC mark                        | -   |
| 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. | Glow-wire test                   | Temperature 650 °C, duration 30 s           |
|                          |  | EU RoHS compliant                | Yes   |
| Lighting Technology      |  | Light Technical                  |   |
| Lighting Technology      | LED  | Luminous Flux                    | 1,200 lm                                    |
| Value ladder             | Performance  | Correlated Colour Temperature    | 4000 K                                      |
| CE mark                  | Yes  | Luminous efficacy (rated) (nom.) | 82 lm/W                                     |
|                          |  | Colour rendering index (CRI)     | 85  |
|                          |  | Beam angle of light source       | 36 degree(s)                                |
|                          |  | Light source colour              | 840 neutral white                           |
|                          |  | Optic type                       | Beam angle 36°                              |

## CoreLine Recessed Spot

|                             |     |
|-----------------------------|-----|
| Luminaire light beam spread | 36° |
| 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                        | 15 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 |

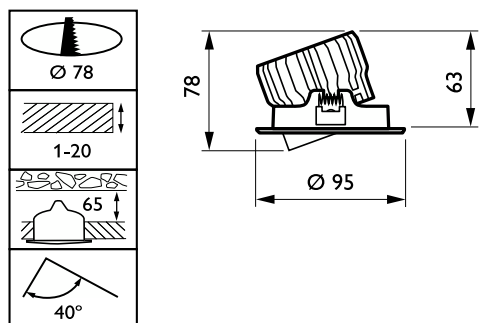
### Application Conditions

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

### Product Data

|                                   |                                 |
|-----------------------------------|---------------------------------|
| Order product name                | RS141B LED12-36-/840 PSR PI6 WH |
| Full product name                 | RS141B LED12-36-/840 PSR PI6 WH |
| Full EOC                          | 871869938420399                 |
| Order code                        | 38420399                        |
| Material no. (12 NC)              | 912401483042                    |
| SAP numerator – quantity per pack | 1                               |
| EAN/UPC – Product/Case            | 8718699384203                   |
| Numerator – packs per outer box   | 18                              |
| EAN/UPC – Case                    | 8718699384289                   |

## Dimensional drawing



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