



# CoreLine Recessed Spot

## RS140B LED6-32-/840 PSR PI6 WH

32 ° - 840 neutral white - Power supply unit regulating - Push-in connector 6-pole - 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           |                                   |                       |   |
|-------------------------------|-----------------------------------|-----------------------|---|
| Beam angle of light source    | 32 °                              | Flammability mark     | For mounting on normally flammable surfaces   |
| Light source color            | 840 neutral white                 | CE mark               | CE mark   |
| Light source replaceable      | No                                | ENEC mark             | -   |
| Number of gear units          | 1 unit                            | Warranty period       | 5 years   |
| Driver/power unit/transformer | Power supply unit regulating      | 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. |
| Driver included               | Yes                               | Constant light output | No  |
| Optic type                    | Beam angle 32°                    |                       |   |
| Luminaire light beam spread   | 32°                               |                       |   |
| Control interface             | Analog                            |                       |   |
| Connection                    | Push-in connector 6-pole          |                       |   |
| Cable                         | -                                 |                       |   |
| Protection class IEC          | Safety class II                   |                       |   |
| Glow-wire test                | Temperature 650 °C, duration 30 s |                       |   |

CoreLine Recessed Spot

|  |           |
|--|-----------|
| Number of products on MCB of 16 A type - B |           |
| RoHS mark                                  | RoHS mark |
| Unified glare rating CEN                   | 22        |

Operating and Electrical

|                    |              |
|--------------------|--------------|
| Input Voltage      | 220 to 240 V |
| Input Frequency    | 50 to 60 Hz  |
| Inrush current     | 7 A          |
| Inrush time        | 500 ms       |
| Power Factor (Min) | 0.9          |

Controls and Dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Mechanical and Housing

|                             |                   |
|-----------------------------|-------------------|
| Housing Material            | Aluminum die cast |
| Reflector material          | Polycarbonate     |
| Optic material              | Polycarbonate     |
| Optical cover/lens material | Polycarbonate     |
| Fixation material           | Stainless steel   |
| Optical cover/lens finish   | Clear             |
| Overall height              | 59.5 mm           |
| Overall diameter            | 95 mm             |
| Color                       | White             |

Approval and Application

|                              |   |
|------------------------------|---|
| Ingress protection code      | IP65 [ Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK02 [ 0.2 J standard]                        |

Initial Performance (IEC Compliant)

|                                     |        |
|-------------------------------------|--------|
| Initial luminous flux (system flux) | 650 lm |
|-------------------------------------|--------|

|                                |                      |
|--------------------------------|----------------------|
| Luminous flux tolerance        | +/-10%               |
| Initial LED luminaire efficacy | 82 lm/W              |
| Init. Corr. Color Temperature  | 4000 K               |
| Init. Color Rendering Index    | 85                   |
| Initial chromaticity           | (0.38, 0.38) SDCM <5 |
| Initial input power            | 8 W                  |
| 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

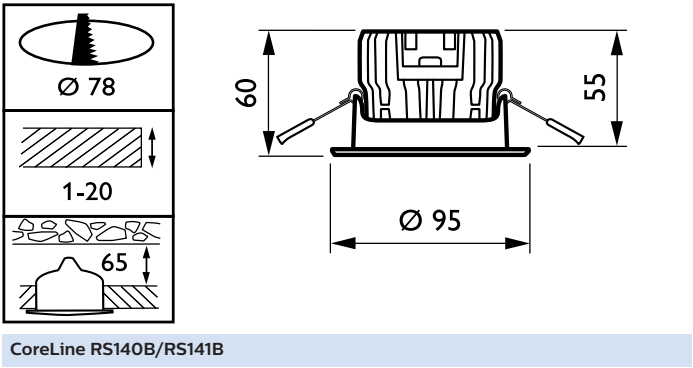
|                                    |             |
|------------------------------------|-------------|
| Ambient temperature range          | 0 to +35 °C |
| Performance ambient temperature Tq | 25 °C       |
| Maximum dim level                  | 10%         |
| Suitable for random switching      | Yes         |

Product Data

|                                 |                                |
|---------------------------------|--------------------------------|
| Full product code               | 871869938279799                |
| Order product name              | RS140B LED6-32-/840 PSR PI6 WH |
| EAN/UPC - Product               | 8718699382797                  |
| Order code                      | 912401483033                   |
| Numerator - Quantity Per Pack   | 1                              |
| Numerator - Packs per outer box | 18                             |
| Material Nr. (12NC)             | 912401483033                   |
| Net Weight (Piece)              | 0.290 kg                       |

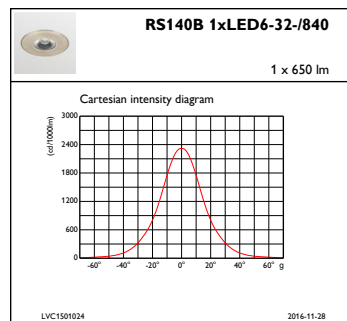
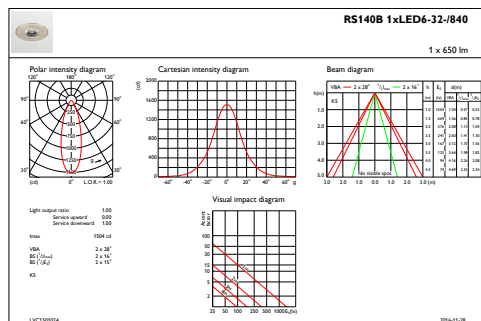


Dimensional drawing



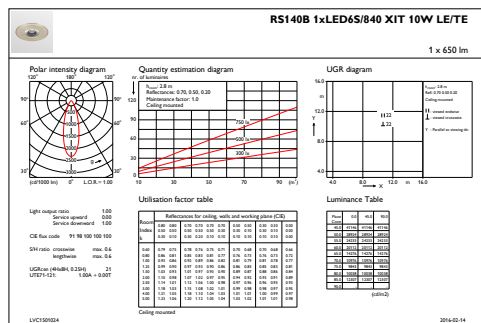
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## Photometric data



IFAS1\_RS140B1xLED6-32-840

IFCC1\_RS140B1xLED6-32-840



IFGU1\_RS140B 1xLED6-32-840

