PHILIPS Lighting



GreenSpace Accent Cardanic

RS343B LED39S/827 PSU-E WB II WH

GreenSpace Accent Cardanic, 31.5 W, 3750 lm, 2700 K, Wide beam, White

Thanks to the GreenSpace Accent family, retailers and building operators can now make the switch from CDM to LED lighting and enjoy significant energy savings for a reasonable initial investment. The GreenSpace Accent Cardanic downlight range has regular cut-out and specific lumen packages to make retrofit installation quick and easy. Furthermore, the products offer multiple system integration and dimming options, including wired as well as wireless. For fashion and food retailers, every RS343B GreenSpace Accent Cardanic downlight is available with special LED flavors and fresh food LED lighting recipes to show their merchandise in the very best light. Check out our Fashion and Food catalog pages to find out more about PremiumWhite, PremiumColor, Fresh Meat, Rosé, Frost and Champagne.

Warnings and Safety

- During maintenance, the product must be switched off and cooled down
- The product must be installed out of arm's reach. Manipulating the product when hot is only possible with an insulated glove

Product data

| General Information | | Remarks | *-Per Lighting Europe guidance paper |
|--------------------------|--|---------|---|
| Lamp family code | LED39S [LED Module, system flux 3900 lm] | | "Evaluating performance of LED based |
| Cap-Base | - [-] | | luminaires - January 2018": statistically there |
| Light source replaceable | No | | is no relevant difference in lumen |
| Number of gear units | 1 unit | | maintenance between B50 and for example |
| Gear | - | | B10. Therefore, the median useful life (B50) |
| Driver included | Yes | | value also represents the B10 value. |
| | | | |

GreenSpace Accent Cardanic

| Product family code | RS343B [GREENSPACE ACCENT CARDANIC] |
|------------------------------------|---|
| Lighting Technology | LED |
| Value ladder | Performance |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | For mounting on normally flammable surfaces |
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| EU RoHS compliant | Yes |
| | |
| Light Technical | |
| Luminous Flux | 3,750 lm |
| Correlated Color Temperature (Nom) | 2700 K |
| Luminous Efficacy (rated) (Nom) | 119.04761904761905 lm/W |
| Color rendering index (CRI) | ≥80 |
| Number of light sources | 1 |
| Beam angle of light source | 120 degree(s) |
| Light source color | 827 warm white |
| Optic type | Wide beam |
| Optical cover type | Polycarbonate opal satinized |
| Luminaire light beam spread | 36° |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 18.6 A |
| Inrush time | 240 ms |
| Power Consumption | 31.5 W |
| Power Factor (Fraction) | 0.9 |
| Connection | - |
| Cable | - |
| Number of products on MCB of 16 A | 32 |
| type B | |
| T | |
| Temperature | 10.1 |
| Ambient temperature range | +10 to +25 °C |
| Controls and Dimming | |
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit external (On/Off) |
| Constant light output | No |
| | |
| Mechanical and Housing | |

Housing Material

Aluminum

| Reflector material | Polycarbonate aluminum coated |
|------------------------|-------------------------------|
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | Steel |
| Housing Color | White |
| Optical cover finish | Frosted |
| Overall height | 135 mm |
| Overall diameter | 190 mm |
| | |

Approval and Application

| Ingress protection code | IP20 [Finger-protected] | |
|------------------------------|-------------------------|--|
| 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 | (0.4578, 0.4101) |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant) Control gear failure rate at median 5 %

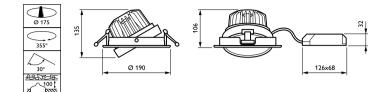
| useful life 50000 h | |
|------------------------------------|-----|
| Lumen maintenance at median useful | L80 |
| life* 50000 h | |

Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes

| Product Data | |
|---------------------------------|----------------------------------|
| Order product name | RS343B LED39S/827 PSU-E WB II WH |
| Full product name | RS343B LED39S/827 PSU-E WB II WH |
| Full product code | 871869916810000 |
| Order code | 910500459516 |
| Material Nr. (12NC) | 910500459516 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699168100 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718699168100 |
| | |

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Dimensional drawing





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