



GreenSpace Accent Cardanic Gen2

RS353B 27S/827 PSU-E VWB BK

GreenSpace Accent Cardanic Gen2, 22.5 W, C/O D150 mm, 2900 lm, 2700 K, Very wide beam, PerfectAccent reflector, Black, IP20

With GreenSpace Accent Cardanic Gen2, retailers and building operators can enjoy the superior quality of light and market-leading energy efficiency of PerfectAccent optics in an affordable and sustainable accent downlighter. Maintenance and upgrades of the driver, LED and optics is easy and requires only standard tools. Because of this, GreenSpace Accent Cardanic Gen2 can support a circular lighting installation. The luminaire's cardanic structure makes aiming the light easy. In addition to dimming options, multiple system integration options are available, including wired and wireless. Fresh food LED lighting recipes are available for prolonged shelf life, better visual representation of food, reduction of food waste and increased sales. Check out our Fashion and Food catalog pages to find out more about our PremiumWhite, PremiumColor, Fresh Meat, Rosé, Frost and Champagne recipes.

Warnings and Safety

- All photometrical data is calculated without optional front glass. Flux should be reduced by 3.5% when using front glass.
- Cleaning of the optic should be done only with pressurized air. Touching the LED or reflector is forbidden. For food preparation areas and areas with high levels of dust, we strongly advise the use of the optional front glass, as it can be cleaned with a dry microfiber cloth.
- 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 possible only with an insulated glove.

Product data

GreenSpace Accent Cardanic Gen2

| General Information | |
|-----------------------|--------------------------|
| Number of gear units | 1 unit |
| Driver included | Yes |
| Service tag | Yes |
| Value ladder | Performance |
| Warranty period | 5 years |
| Sustainability rating | Lighting for circularity |

| Light Technical | |
|------------------------------------|----------------|
| Luminous Flux | 2,900 lm |
| Correlated Color Temperature (Nom) | 2700 K |
| Luminous Efficacy (rated) (Nom) | 129 lm/W |
| Color rendering index (CRI) | >80 |
| Beam angle of light source | 120 degree(s) |
| Light source color | 827 warm white |
| Optic type | Very wide beam |
| Luminaire light beam spread | 60° |

| Operating and Electrical | |
|--|----------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 12.8 A |
| Inrush time | 208 ms |
| Power Consumption | 22.5 W |
| Power Factor (Fraction) | 0.9 |
| Connection | 2 Push-in connector 2-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 50 |
| Suitable for random switching | No |
| Protection class IEC | Safety class II |
| Total harmonic distortion | 8 % |

| Controls and Dimming | |
|-------------------------------|-------------------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit external (On/Off) |
| Control interface | - |
| Constant light output | No |
| Maximum dim level | Not applicable |

| Mechanical and Housing | |
|------------------------|-------------------------------|
| Housing Material | Aluminium |
| Reflector material | Polycarbonate aluminum coated |
| Optic material | Aluminum and polycarbonate |
| Optical cover material | - |
| Fixation material | - |
| Housing Color | Black |
| Optical cover finish | - |
| Reflector Finish | PerfectAccent reflector |
| Overall length | 0 mm |
| Overall width | 0 mm |
| Overall height | 82 mm |

| | |
|-------------------------------------|-------------------------|
| Overall diameter | 163 mm |
| Dimensions (Height x Width x Depth) | 82 x 0 x 0 mm |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Explosion hazard class | - |
| Net Weight (Piece) | 1.100 kg |

| Emergency Operation | |
|---------------------|----|
| Central Emergency | No |

| Approval and Application | |
|---|--|
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | - |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 0.9 |
| Ambient temperature range | +10 to +35 °C |

| Initial Performance (IEC Compliant) | |
|--|------------------------|
| Luminous flux tolerance | -10% / +10% |
| Initial chromaticity | (0.458, 0.410) SDCM <2 |
| Power consumption tolerance | +/-10% |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤2 |

| Over Time Performance (IEC Compliant) | |
|--|-------|
| Control gear failure rate at median useful life 50000 h | 10 % |
| Control gear failure rate at median useful life 100000 h | 3.1 % |
| Lumen maintenance at median useful life* 50000 h | L94 |
| Lumen maintenance at median useful life* 100000 h | L86 |

| Product Data | |
|---------------------------------|--|
| Order product name | RS353B 27S/827 PSU-E VWB BK |
| Full product name | RS353B 27S/827 PSU-E VWB BK |
| Full product code | 872016958808000 |
| Order code | 910505102750 |
| Material Nr. (12NC) | 910505102750 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169588080 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8720169588080 |
| Product family code | RS353B [GreenSpace Accent Cardanic G2] |

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Dimensional drawing

