GreenSpace Accent Cardanic Gen2

RS353B 27S/830 PSU-E WB WH

GreenSpace Accent Cardanic Gen2, 22.5 W, C/O D150 mm, 3000 lm, 3000 K, Wide beam, PerfectAccent reflector, White, 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	3,000 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	133 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	Wide beam
Luminaire light beam spread	36°

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	White
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	(0.434, 0.403) 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/830 PSU-E WB WH
Full product name	RS353B 27S/830 PSU-E WB WH
Full product code	872016958809700
Order code	910505102751
Material Nr. (12NC)	910505102751
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8720169588097
Numerator – Packs per outer box	1
EAN/UPC – Case	8720169588097
Product family code	RS353B [GreenSpace Accent Cardanic G2]

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Dimensional drawing