



GreenSpace Accent Cardanic

RS343B LED27S/830 PSD-VLC-E MB WH CW-L

GreenSpace Accent Cardanic, 23.5 W, 2700 lm, 3000 K, DALI, Medium 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
Lamp family code	LED27S [LED Module, system flux 2700 lm]	
Cap-Base	- [-]	
Light source replaceable	No	
Number of gear units	1 unit	
Gear	-	
Driver included	Yes	
		*-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.

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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	2,700 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	114.8936170212766 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	Medium beam
Optical cover type	Polycarbonate opal satinized
Luminaire light beam spread	24°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	20.4 A
Inrush time	195 ms
Power Consumption	23.5 W
Power Factor (Fraction)	0.9
Connection	-
Cable	Cord with plug Wieland/Adels compatible 3-pole
Number of products on MCB of 16 A type B	32

Temperature

Ambient temperature range	+10 to +25 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface external
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
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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	(0.4338, 0.4030)
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	L80

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data

Order product name	RS343B LED27S/830 PSD-VLC-E MB WH CW-L
Full product name	RS343B LED27S/830 PSD-VLC-E MB WH CW-L
Full product code	871869916812400
Order code	16812400
Material Nr. (12NC)	910500459518
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699168124
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699168124

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Dimensional drawing

