PHILIPS Lighting



GreenSpace Accent Cardanic

RS343B LED27S/830 PSU-E WB WH

GreenSpace Accent Cardanic, 23.5 W, 2700 lm, 3000 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 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 flavours and fresh food LED lighting recipes to show their merchandise in the very best light. Discover our Fashion and Food catalogue pages to find out more about PremiumWhite, PremiumColour, 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	*- According to the Lighting Europe guidance
Lamp family code	LED27S [LED Module, system flux 2700 lm]		paper '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	Unit		maintenance between the B50 and, for
Gear	-		example, the B10. Therefore, the median
Driver included	Yes		

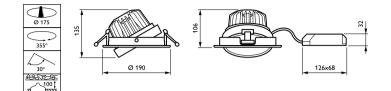
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	useful life (B50) value also represents the B10	
	value.	
Product family code	RS343B [GREENSPACE ACCENT CARDANIC]	
Lighting Technology	LED	
Value ladder	Performance	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	For mounting on normally 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 Colour Temperature	3000 K	
Luminous efficacy (rated) (nom.)	114.8936170212766 lm/W	
Colour rendering index (CRI)	≥80	
Beam angle of light source	120 degree(s)	
Light source colour	830 warm white	
Optic type	Wide beam	
Optical cover type	Polycarbonate opal satinised	
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	23.5 W	
Power Factor (Fraction)	0.9	
Connection	-	
Cable	-	
Number of products on MCB of 16 A type	32	
В		
Temperature		
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	Aluminium
Reflector material	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	White
Optical cover/lens 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 Compli	ant)
Control gear failure rate at median useful	5 %
life 50,000 h	
Lumen maintenance at median useful	L80
life* 50,000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes
Product Data	
Order product name	RS343B LED27S/830 PSU-E WB WH
Full product name	RS343B LED27S/830 PSU-E WB WH
Full EOC	871869916795000
Order code	16795000
Material no. (12 NC)	910500459501
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699167950
Numerator – packs per outer box	1
EAN/UPC - Case	8718699167950

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Dimensional drawing





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