PHILIPS Lighting



GreenSpace Accent Cardanic

RS343B LED27S/CRW PSU-E WB II WH

GreenSpace Accent Cardanic, 35 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 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	LED27S [LED Module, system flux 2700 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.

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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)	77 lm/W
Color rendering index (CRI)	≥95
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	Crisp 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	35 W
Power Factor (Fraction)	0.9
Connection	-
Cable	-
Number of products on MCB of 16 A type	32
В	

Temperature

Ambient temperature range

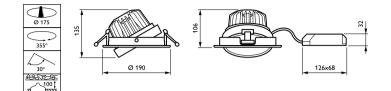
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)
Constant light output	No

+10 to +25 °C

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	(0.4300, 0.3950)	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compli	iant)	
Control gear failure rate at median useful	5 %	
life 50000 h		
Lumen maintenance at median useful	L80	
life* 50000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Suitable for random switching	Yes	
Product Data		
Order product name	RS343B LED27S/CRW PSU-E WB II WH	
Full product name	RS343B LED27S/CRW PSU-E WB II WH	
Full product code	871869916800100	
Order code	16800100	
Material Nr. (12NC)	910500459506	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699168001	
Numerator - Packs per outer box	1	
EAN/UPC - Case		
EAN/OPC - Case	8718699168001	

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Dimensional drawing





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