PHILIPS Lighting



GreenSpace Accent Cardanic

RS343B LED39S/830 PSU-E WB II WH

GreenSpace Accent Cardanic, 31.5 W, 3900 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	LED39S [LED Module, system flux 3900 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.

GreenSpace Accent Cardanic

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	3,900 lm	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	123.80952380952381 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	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	
Initial CLO power consumption	- W W W	
Average CLO power consumption	- W W W	
Inrush current	18.6 A	
Inrush time	240 ms	
Power Consumption	31.5 W	
Power Factor (Fraction)	0.9	
Connection	-	
Cable	-	
Number of products on MCB of 16 A	32	
type B		
Temperature		
Ambient temperature range	+10 to +25 °C	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit external (On/Off)	
Control interface	-	
Constant light output	No	

Aluminum

Mechanical and Housing

Housing Material

Reflector material	Polycarbonate aluminum coated	
Optic material	Polycarbonate	
Optical cover material	Polycarbonate	
Fixation material	Steel	
Housing Color	White	
Optical cover finish	Frosted	
Overall length	0 mm	
Overall width	0 mm	
Overall height	135 mm	
Overall diameter	190 mm	
Dimensions (Height x Width x Depth)	135 x 0 x 0 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)		
Driver failure rate at 5000 h	0.05 %	
Control gear failure rate at median	5 %	
useful life 50000 h		
Lumen maintenance at median useful	L80	
life* 50000 h		

Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

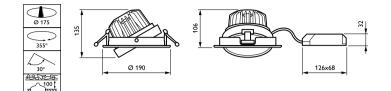
Product Data

Order product name	RS343B LED39S/830 PSU-E WB II WH
Full product name	RS343B LED39S/830 PSU-E WB II WH
Full product code	871869916473700
Order code	16473700
Material Nr. (12NC)	910500459319
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699164737
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699164737

Datasheet, 2023, April 29

GreenSpace Accent Cardanic

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 29 - data subject to change