PHILIPS Lighting



GreenSpace Accent Elbow

RS342B LED17S/830 PSU-E WB BK

GreenSpace Accent Elbow, LED module, system flux 1700 lm, 830 warm white, Power supply unit external (On/Off), Wide beam, Safety class II, Black

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 Elbow downlight 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, each GreenSpace Accent Elbow downlight is available with special LED flavors and fresh food LED lighting recipes to show the 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

- $\boldsymbol{\cdot}$ 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		Driver included	Yes
Lamp family code	LED17S [LED module, system flux 1700 lm]	Remarks	*-Per Lighting Europe guidance paper
Cap-Base	- [-]		"Evaluating performance of LED based
Light source replaceable	No		luminaires - January 2018": statistically there
Number of gear units	1 unit		is no relevant difference in lumen
Gear	-		maintenance between B50 and for example

GreenSpace Accent Elbow

	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Product family code	RS342B [GreenSpace Accent Elbow]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	1,700 lm
Correlated Color Temperature (Nom)	3000 К
Luminous Efficacy (rated) (Nom)	118.0555555555556 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	Acrylic bowl/cover clear
Luminaire light beam spread	36°

Operating and Electrical

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	18.6 A
Inrush time	0.24 ms
Power Consumption	14.4 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	34
Number of products on MCB of 16 A type B	34
	34
	34
B	34 +10 to +40 °C
B Temperature	
B Temperature	
B Temperature Ambient temperature range	
B Temperature Ambient temperature range Controls and Dimming	+10 to +40 °C
B Temperature Ambient temperature range Controls and Dimming Dimmable	+10 to +40 °C

Aluminum

Mechanical and Housing

Housing Material

Reflector material	Polycarbonate aluminum coated
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Polyamide
Housing Color	Black
Optical cover finish	Clear
Overall length	228 mm
Overall width	193 mm
Overall height	156 mm
Overall diameter	193 mm
Dimensions (Height x Width x Depth)	156 x 193 x 228 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Safety class II

Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.43, 0.40) SDCM<3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median	5 %	
useful life 50000 h		
Lumen maintenance at median useful	L80	
life* 50000 h		

Application Conditions

Protection class IEC

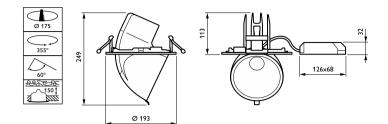
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Order product name	RS342B LED17S/830 PSU-E WB BK
Full product name	RS342B LED17S/830 PSU-E WB BK
Full product code	871869625502500
Order code	910500456514
Material Nr. (12NC)	910500456514
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696255025
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696255025

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Dimensional drawing





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