



# GreenSpace Accent Elbow

### RS342B LED27S/840 PSU-E MB SI

GreenSpace Accent Elbow, LED Module, system flux 2700 lm, 840 neutral white, Power supply unit external (On/Off), Medium beam, Safety class II, Silver

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		
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
Remarks	*-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

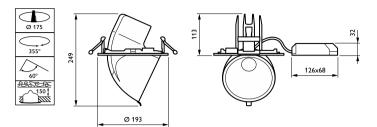
Datasheet, 2023, December 5 data subject to change

# **GreenSpace Accent Elbow**

	B10. Therefore, the median useful life (B50)	Reflector material	Polycarbonate aluminum coated
	value also represents the B10 value.	Optic material	Polymethyl methacrylate
Product family code	RS342B [GreenSpace Accent Elbow]	Optical cover material	Polymethyl methacrylate
Lighting Technology	LED	Fixation material	Polyamide
Value ladder	Performance	Housing Color	Silver
CE mark	Yes	Optical cover finish	Clear
Warranty period	5 years	Overall length	228 mm
Flammability mark	-	Overall width	193 mm
ENEC mark	ENEC mark	Overall height	156 mm
Glow-wire test	Temperature 650 °C, duration 30 s	Overall diameter	193 mm
EU RoHS compliant	Yes	Dimensions (Height x Width x Depth)	156 x 193 x 228 mm
Light Technical		Approval and Application	
Luminous Flux	2,800 lm	Ingress protection code	IP20 [Finger-protected]
Correlated Color Temperature (Nom)	4000 K	Mech. impact protection code	IK02 [0.2 J standard]
Luminous Efficacy (rated) (Nom)	119.14893617021276 lm/W	Protection class IEC	Safety class II
Color rendering index (CRI)	≥80		
Number of light sources	1	Initial Performance (IEC Compliant	)
Beam angle of light source	120 degree(s)	Luminous flux tolerance	+/-10%
Light source color	840 neutral white	Initial chromaticity	(0.38, 0.38) SDCM<3
Optic type	Medium beam	Power consumption tolerance	+/-10%
Optical cover type	Acrylic bowl/cover clear		
Luminaire light beam spread	24°	Over Time Performance (IEC Comp	liant)
		Control gear failure rate at median usefu	<b>l</b> 5%
Operating and Electrical		life 50000 h	
Input Voltage	220-240 V	Lumen maintenance at median useful	L80
Line Frequency	50 to 60 Hz	life* 50000 h	
Inrush current	18.6 A		
Inrush time	0.24 ms	Application Conditions	
Power Consumption	23.5 W	Performance ambient temperature Tq	25 ℃
Power Factor (Fraction)	0.9	Maximum dim level	Not applicable
Connection	Push-in connector and pull relief	Suitable for random switching	No
Cable	-		
Number of products on MCB of 16 A type	34	Product Data	
В		Order product name	RS342B LED27S/840 PSU-E MB SI
		Full product name	RS342B LED27S/840 PSU-E MB SI
Temperature		Full product code	871869625521600
Ambient temperature range	+10 to +40 °C	Order code	910500456533
		Material Nr. (12NC)	910500456533
Controls and Dimming		Numerator - Quantity Per Pack	1
Dimmable	No	EAN/UPC - Product/Case	8718696255216
		Numerator - Packs per outer box	1
Driver/power unit/transformer	Power supply unit external (On/Off)	- Trainerator Tacks per outer box	<u>'</u>
Driver/power unit/transformer Control interface	Power supply unit external (On/Off)	EAN/UPC - Case	8718696255216
		<u> </u>	
Control interface	-	<u> </u>	
Control interface	-	<u> </u>	
Control interface  Constant light output	-	<u> </u>	

## **GreenSpace Accent Elbow**

#### 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.