



# GreenSpace Accent Elbow

## RS342B LED27S/840 PSU-E WB BK

GreenSpace Accent Elbow, LED Module, system flux 2700 lm, 840 neutral 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				
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	

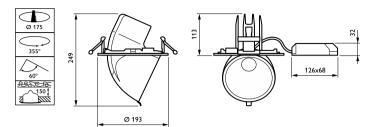
Datasheet, 2023, December 5 data subject to change

# **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	Black
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	IKO2 [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	Wide beam	Power consumption tolerance	+/-10%
Optical cover type	Acrylic bowl/cover clear		
Luminaire light beam spread	36°	Over Time Performance (IEC Comp	liant)
		Control gear failure rate at median usefu	l 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	
Inrush time Power Consumption	0.24 ms 23.5 W	Performance ambient temperature Tq	25 °C
Inrush time Power Consumption Power Factor (Fraction)	0.24 ms 23.5 W 0.9	Performance ambient temperature Tq  Maximum dim level	Not applicable
Inrush time Power Consumption Power Factor (Fraction) Connection	0.24 ms 23.5 W	Performance ambient temperature Tq	
Inrush time Power Consumption Power Factor (Fraction) Connection Cable	0.24 ms 23.5 W 0.9 Push-in connector and pull relief	Performance ambient temperature Tq  Maximum dim level  Suitable for random switching	Not applicable
Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type	0.24 ms 23.5 W 0.9 Push-in connector and pull relief	Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data	Not applicable No
Inrush time Power Consumption Power Factor (Fraction) Connection Cable	0.24 ms 23.5 W 0.9 Push-in connector and pull relief	Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data  Order product name	Not applicable  No  RS342B LED27S/840 PSU-E WB BK
Inrush time  Power Consumption  Power Factor (Fraction)  Connection  Cable  Number of products on MCB of 16 A type B	0.24 ms 23.5 W 0.9 Push-in connector and pull relief	Performance ambient temperature Tq Maximum dim level Suitable for random switching  Product Data Order product name Full product name	Not applicable  No  RS342B LED27S/840 PSU-E WB BK  RS342B LED27S/840 PSU-E WB BK
Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature	0.24 ms 23.5 W 0.9 Push-in connector and pull relief - a 34	Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data  Order product name  Full product name  Full product code	Not applicable No  RS342B LED27S/840 PSU-E WB BK RS342B LED27S/840 PSU-E WB BK 871869625515500
Inrush time  Power Consumption  Power Factor (Fraction)  Connection  Cable  Number of products on MCB of 16 A type B	0.24 ms 23.5 W 0.9 Push-in connector and pull relief	Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data  Order product name  Full product name  Full product code  Order code	Not applicable  No  RS342B LED27S/840 PSU-E WB BK  RS342B LED27S/840 PSU-E WB BK  871869625515500  910500456527
Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B  Temperature Ambient temperature range	0.24 ms 23.5 W 0.9 Push-in connector and pull relief - a 34	Performance ambient temperature Tq Maximum dim level Suitable for random switching  Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	Not applicable  No  RS342B LED27S/840 PSU-E WB BK  RS342B LED27S/840 PSU-E WB BK  871869625515500  910500456527  910500456527
Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B  Temperature Ambient temperature range  Controls and Dimming	0.24 ms 23.5 W 0.9 Push-in connector and pull relief - a 34 +10 to +40 °C	Performance ambient temperature Tq Maximum dim level Suitable for random switching  Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	Not applicable  No  RS342B LED27S/840 PSU-E WB BK  RS342B LED27S/840 PSU-E WB BK  871869625515500  910500456527  910500456527
Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B  Temperature Ambient temperature range  Controls and Dimming Dimmable	0.24 ms 23.5 W 0.9 Push-in connector and pull relief - a 34 +10 to +40 °C	Performance ambient temperature Tq Maximum dim level Suitable for random switching  Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	Not applicable No  RS342B LED27S/840 PSU-E WB BK RS342B LED27S/840 PSU-E WB BK 871869625515500 910500456527 910500456527 1 8718696255155
Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B  Temperature Ambient temperature range  Controls and Dimming Dimmable Driver/power unit/transformer	0.24 ms 23.5 W 0.9 Push-in connector and pull relief - a 34 +10 to +40 °C  No Power supply unit external (On/Off)	Performance ambient temperature Tq Maximum dim level Suitable for random switching  Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	Not applicable No  RS342B LED27S/840 PSU-E WB BK RS342B LED27S/840 PSU-E WB BK 871869625515500 910500456527 910500456527 1 8718696255155 1
Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B  Temperature Ambient temperature range  Controls and Dimming Dimmable Driver/power unit/transformer Control interface	0.24 ms 23.5 W 0.9  Push-in connector and pull relief - 34  +10 to +40 °C  No  Power supply unit external (On/Off) -	Performance ambient temperature Tq Maximum dim level Suitable for random switching  Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	Not applicable No  RS342B LED27S/840 PSU-E WB BK RS342B LED27S/840 PSU-E WB BK 871869625515500 910500456527 910500456527 1 8718696255155
Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B  Temperature Ambient temperature range  Controls and Dimming Dimmable Driver/power unit/transformer	0.24 ms 23.5 W 0.9 Push-in connector and pull relief - a 34 +10 to +40 °C  No Power supply unit external (On/Off)	Performance ambient temperature Tq Maximum dim level Suitable for random switching  Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	Not applicable No  RS342B LED27S/840 PSU-E WB BK RS342B LED27S/840 PSU-E WB BK 871869625515500 910500456527 910500456527 1 8718696255155 1
Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B  Temperature Ambient temperature range  Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output	0.24 ms 23.5 W 0.9  Push-in connector and pull relief - 34  +10 to +40 °C  No  Power supply unit external (On/Off) -	Performance ambient temperature Tq Maximum dim level Suitable for random switching  Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	Not applicable No  RS342B LED27S/840 PSU-E WB BK RS342B LED27S/840 PSU-E WB BK 871869625515500 910500456527 910500456527 1 8718696255155 1
Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B  Temperature Ambient temperature range  Controls and Dimming Dimmable Driver/power unit/transformer Control interface	0.24 ms 23.5 W 0.9  Push-in connector and pull relief - 34  +10 to +40 °C  No  Power supply unit external (On/Off) -	Performance ambient temperature Tq Maximum dim level Suitable for random switching  Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	Not applicable No  RS342B LED27S/840 PSU-E WB BK RS342B LED27S/840 PSU-E WB BK 871869625515500 910500456527 910500456527 1 8718696255155 1

## **GreenSpace Accent Elbow**

### Dimensional drawing





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