



# **GreenSpace Accent Elbow**

### RS342B LED27S/830 PSU-E MB SI

GreenSpace Accent Elbow, LED Module, system flux 2700 lm, 830 warm 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

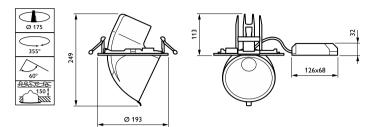
Datasheet, 2023, December 5 data subject to change

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	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	2,700 lm	Ingress protection code	IP20 [Finger-protected]
Correlated Color Temperature (Nom)	3000 K	Mech. impact protection code	IK02 [0.2 J standard]
Luminous Efficacy (rated) (Nom)	114.8936170212766 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	830 warm white	Initial chromaticity	(0.43, 0.40) 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 goor failure rate at modian useful	I F 0/
		Control gear failure rate at median useful	1 5 %
Operating and Electrical		life 50000 h	1 5 %
Operating and Electrical Input Voltage	220-240 V	_	L80
	220-240 V 50 to 60 Hz	life 50000 h	
Input Voltage		life 50000 h  Lumen maintenance at median useful	
Input Voltage Line Frequency	50 to 60 Hz	life 50000 h  Lumen maintenance at median useful	
Input Voltage Line Frequency Inrush current	50 to 60 Hz 18.6 A	life 50000 h Lumen maintenance at median useful life* 50000 h	
Input Voltage Line Frequency Inrush current Inrush time	50 to 60 Hz 18.6 A 0.24 ms	life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions	L80
Input Voltage Line Frequency Inrush current Inrush time Power Consumption	50 to 60 Hz 18.6 A 0.24 ms 23.5 W	life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq	L80 25 °C
Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable	50 to 60 Hz  18.6 A  0.24 ms  23.5 W  0.9  Push-in connector and pull relief	life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching	L80  25 °C  Not applicable
Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection	50 to 60 Hz  18.6 A  0.24 ms  23.5 W  0.9  Push-in connector and pull relief	life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level	L80  25 °C  Not applicable
Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable	50 to 60 Hz  18.6 A  0.24 ms  23.5 W  0.9  Push-in connector and pull relief	life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching	L80  25 °C  Not applicable
Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type	50 to 60 Hz  18.6 A  0.24 ms  23.5 W  0.9  Push-in connector and pull relief	life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data	L80  25 °C  Not applicable  No
Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type	50 to 60 Hz  18.6 A  0.24 ms  23.5 W  0.9  Push-in connector and pull relief	life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data  Order product name	L80  25 °C  Not applicable  No  RS342B LED27S/830 PSU-E MB SI
Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B	50 to 60 Hz  18.6 A  0.24 ms  23.5 W  0.9  Push-in connector and pull relief	life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data  Order product name  Full product name	L80  25 °C  Not applicable  No  RS342B LED27S/830 PSU-E MB SI  RS342B LED27S/830 PSU-E MB SI
Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B  Temperature Ambient temperature range	50 to 60 Hz  18.6 A  0.24 ms  23.5 W  0.9  Push-in connector and pull relief  - 34	life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data  Order product name  Full product name  Full product code	25 °C  Not applicable  No  RS342B LED27S/830 PSU-E MB SI RS342B LED27S/830 PSU-E MB SI 871869625520900
Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B	50 to 60 Hz  18.6 A  0.24 ms  23.5 W  0.9  Push-in connector and pull relief  - 34	life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data  Order product name  Full product name  Full product code  Order code	L80  25 °C  Not applicable  No  RS342B LED27S/830 PSU-E MB SI  RS342B LED27S/830 PSU-E MB SI  871869625520900  910500456532
Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B  Temperature Ambient temperature range	50 to 60 Hz  18.6 A  0.24 ms  23.5 W  0.9  Push-in connector and pull relief  - 34	life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  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)	25 °C Not applicable No  RS342B LED27S/830 PSU-E MB SI RS342B LED27S/830 PSU-E MB SI 871869625520900 910500456532 910500456532
Input Voltage Line Frequency Inrush current 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	50 to 60 Hz  18.6 A  0.24 ms  23.5 W  0.9  Push-in connector and pull relief  -  34  +10 to +40 °C	life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  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	25 °C Not applicable No  RS342B LED27S/830 PSU-E MB SI RS342B LED27S/830 PSU-E MB SI 871869625520900 910500456532 910500456532
Input Voltage Line Frequency Inrush current 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	50 to 60 Hz  18.6 A  0.24 ms  23.5 W  0.9  Push-in connector and pull relief  -  34  +10 to +40 °C	life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  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	25 °C  Not applicable  No  RS342B LED27S/830 PSU-E MB SI RS342B LED27S/830 PSU-E MB SI 871869625520900  910500456532  910500456532  1 8718696255209
Input Voltage Line Frequency Inrush current 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	50 to 60 Hz  18.6 A  0.24 ms  23.5 W  0.9  Push-in connector and pull relief  -  34  +10 to +40 °C	life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  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	25 °C  Not applicable  No  RS342B LED27S/830 PSU-E MB SI  RS342B LED27S/830 PSU-E MB SI  871869625520900  910500456532  910500456532  1  8718696255209  1
Input Voltage Line Frequency Inrush current 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	18.6 A  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)  -	life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  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	25 °C  Not applicable  No  RS342B LED27S/830 PSU-E MB SI  RS342B LED27S/830 PSU-E MB SI  871869625520900  910500456532  910500456532  1  8718696255209  1
Input Voltage Line Frequency Inrush current 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	18.6 A  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)  -	life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  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	25 °C  Not applicable  No  RS342B LED27S/830 PSU-E MB SI  RS342B LED27S/830 PSU-E MB SI  871869625520900  910500456532  910500456532  1  8718696255209  1

## **GreenSpace Accent Elbow**

#### Dimensional drawing





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