



GreenSpace Accent Elbow

RS342B LED27S/840 PSU-E WB SI

GreenSpace Accent Elbow, LED Module, system flux 2700 lm, 840 neutral white, Power supply unit external (On/Off), Wide 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

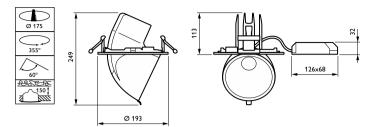
Datasheet, 2023, October 9 data subject to change

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	t)
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	oliant)
		Control gear failure rate at median usefu	ıl 5%
Operating and Electrical		Control gear failure rate at median usefulife 50000 h	at 5 %
Operating and Electrical Input Voltage	220-240 V		ul 5 %
	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)	50 to 60 Hz 18.6 A 0.24 ms 23.5 W 0.9	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	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/840 PSU-E WB 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 LED275/840 PSU-E WB SI RS342B LED275/840 PSU-E WB 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 - 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 code	25 °C Not applicable No RS342B LED275/840 PSU-E WB SI RS342B LED275/840 PSU-E WB SI 871869625523000
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 LED275/840 PSU-E WB SI RS342B LED275/840 PSU-E WB SI 871869625523000 910500456535
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/840 PSU-E WB SI RS342B LED27S/840 PSU-E WB SI 871869625523000 910500456535 910500456535
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/840 PSU-E WB SI RS342B LED27S/840 PSU-E WB SI 871869625523000 910500456535 910500456535
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 LED275/840 PSU-E WB SI RS342B LED275/840 PSU-E WB SI 871869625523000 910500456535 910500456535 1 8718696255230
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	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 LED275/840 PSU-E WB SI RS342B LED275/840 PSU-E WB SI 871869625523000 910500456535 910500456535 1 8718696255230 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 LED275/840 PSU-E WB SI RS342B LED275/840 PSU-E WB SI 871869625523000 910500456535 910500456535 1 8718696255230 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 LED275/840 PSU-E WB SI RS342B LED275/840 PSU-E WB SI 871869625523000 910500456535 910500456535 1 8718696255230 1

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Dimensional drawing





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