



GreenSpace Accent Elbow

RS342B LED17S/840 PSU-E MB BK

GreenSpace Accent Elbow, LED module, system flux 1700 lm, 840 neutral white, Power supply unit external (On/Off), Medium 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	LED17S [LED module, system flux 1700 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

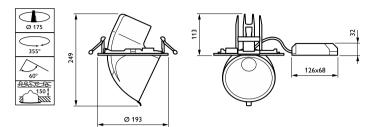
Datasheet, 2023, December 5 data subject to change

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	1,800 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)	125 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 Compli	ant)
Lammane tight beam spread		Control gear failure rate at median useful	`
Operating and Electrical			`
	220-240 V	Control gear failure rate at median useful	`
Operating and Electrical	220-240 V 50 to 60 Hz	Control gear failure rate at median useful life 50000 h	5%
Operating and Electrical Input Voltage		Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful	5%
Operating and Electrical Input Voltage Line Frequency	50 to 60 Hz	Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful	5%
Operating and Electrical Input Voltage Line Frequency Inrush current	50 to 60 Hz 18.6 A	Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h	5%
Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time	50 to 60 Hz 18.6 A 0.24 ms	Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h	5 % L80
Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time Power Consumption	50 to 60 Hz 18.6 A 0.24 ms 14.4 W	Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq	5 % L80 25 ℃
Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction)	50 to 60 Hz 18.6 A 0.24 ms 14.4 W 0.9	Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level	5 % L80 25 °C Not applicable
Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection	50 to 60 Hz 18.6 A 0.24 ms 14.4 W 0.9 Push-in connector and pull relief -	Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level	5 % L80 25 °C Not applicable
Operating and Electrical 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 14.4 W 0.9 Push-in connector and pull relief -	Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	5 % L80 25 °C Not applicable
Operating and Electrical 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 14.4 W 0.9 Push-in connector and pull relief -	Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	5 % L80 25 °C Not applicable No
Operating and Electrical 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 14.4 W 0.9 Push-in connector and pull relief -	Control gear failure rate at median useful 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	5 % L80 25 °C Not applicable No RS342B LED17S/840 PSU-E MB BK
Operating and Electrical 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 14.4 W 0.9 Push-in connector and pull relief -	Control gear failure rate at median useful 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	5 % L80 25 °C Not applicable No RS342B LED175/840 PSU-E MB BK RS342B LED175/840 PSU-E MB BK
Operating and Electrical 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	50 to 60 Hz 18.6 A 0.24 ms 14.4 W 0.9 Push-in connector and pull relief - 34	Control gear failure rate at median useful 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	5 % L80 25 °C Not applicable No RS342B LED175/840 PSU-E MB BK RS342B LED175/840 PSU-E MB BK 871869625501800
Operating and Electrical 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	50 to 60 Hz 18.6 A 0.24 ms 14.4 W 0.9 Push-in connector and pull relief - 34	Control gear failure rate at median useful 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	5 % L80 25 °C Not applicable No RS342B LED17S/840 PSU-E MB BK RS342B LED17S/840 PSU-E MB BK 871869625501800 910500456513
Operating and Electrical 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 14.4 W 0.9 Push-in connector and pull relief - 34	Control gear failure rate at median useful 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)	5 % L80 25 °C Not applicable No RS342B LED175/840 PSU-E MB BK RS342B LED175/840 PSU-E MB BK 871869625501800 910500456513 910500456513
Operating and Electrical 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 14.4 W 0.9 Push-in connector and pull relief - 34 +10 to +40 °C	Control gear failure rate at median useful 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	5 % L80 25 °C Not applicable No RS342B LED17S/840 PSU-E MB BK RS342B LED17S/840 PSU-E MB BK 871869625501800 910500456513 910500456513 1
Operating and Electrical 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	18.6 A 0.24 ms 14.4 W 0.9 Push-in connector and pull relief - 34 +10 to +40 °C	Control gear failure rate at median useful 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	5 % L80 25 °C Not applicable No RS342B LED17S/840 PSU-E MB BK RS342B LED17S/840 PSU-E MB BK 871869625501800 910500456513 910500456513 1 8718696255018
Operating and Electrical 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 14.4 W 0.9 Push-in connector and pull relief - 34 +10 to +40 °C No Power supply unit external (On/Off)	Control gear failure rate at median useful 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	5 % L80 25 ℃ Not applicable No RS342B LED17S/840 PSU-E MB BK RS342B LED17S/840 PSU-E MB BK 871869625501800 910500456513 910500456513 1 8718696255018 1
Operating and Electrical 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 14.4 W 0.9 Push-in connector and pull relief - 34 +10 to +40 °C No Power supply unit external (On/Off) -	Control gear failure rate at median useful 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	5 % L80 25 ℃ Not applicable No RS342B LED17S/840 PSU-E MB BK RS342B LED17S/840 PSU-E MB BK 871869625501800 910500456513 910500456513 1 8718696255018 1
Operating and Electrical 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 14.4 W 0.9 Push-in connector and pull relief - 34 +10 to +40 °C No Power supply unit external (On/Off) -	Control gear failure rate at median useful 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	5 % L80 25 ℃ Not applicable No RS342B LED17S/840 PSU-E MB BK RS342B LED17S/840 PSU-E MB BK 871869625501800 910500456513 910500456513 1 8718696255018 1

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Dimensional drawing





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