



GreenSpace Accent Elbow

RS342B LED17S/830 PSU-E MB SI

GreenSpace Accent Elbow, LED module, system flux 1700 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 | 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 | 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 | 1,700 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) | 118.05555555555556 lm/W | Protection class IEC | Safety class II |
| Color rendering index (CRI) | ≥80 | | |
| Number of light sources | 1 | Initial Performance (IEC Complian | t) |
| 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 | oliant) |
| | | Control gear failure rate at median | 5 % |
| Operating and Electrical | | useful life 50000 h | |
| | | Lumen maintenance at median useful | L80 |
| Input Voltage | 220-240 V | Lumen maintenance at median userut | 200 |
| Input Voltage Line Frequency | 220-240 V 50 to 60 Hz | life* 50000 h | |
| | | | |
| Line Frequency | 50 to 60 Hz | | |
| Line Frequency Inrush current | 50 to 60 Hz 18.6 A | life* 50000 h | 25 °C |
| Line Frequency Inrush current Inrush time | 50 to 60 Hz 18.6 A 0.24 ms | life* 50000 h Application Conditions | |
| Line Frequency Inrush current Inrush time Power Consumption | 50 to 60 Hz 18.6 A 0.24 ms 14.4 W | life* 50000 h Application Conditions Performance ambient temperature Tq | 25 °C |
| 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 | Application Conditions Performance ambient temperature Tq Maximum dim level | 25 °C Not applicable |
| 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 - | Application Conditions Performance ambient temperature Tq Maximum dim level | 25 °C Not applicable |
| 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 - | life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching | 25 °C Not applicable |
| 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 - | Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data | 25 °C Not applicable No |
| 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 - | Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name | 25 °C Not applicable No RS342B LED17S/830 PSU-E MB SI |
| 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 - | Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name | 25 °C Not applicable No RS342B LED17S/830 PSU-E MB SI RS342B LED17S/830 PSU-E MB SI |
| 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 - pe 34 | 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 LED17S/830 PSU-E MB SI RS342B LED17S/830 PSU-E MB SI 871869625508700 |
| 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 - pe 34 | 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 | 25 °C Not applicable No RS342B LED17S/830 PSU-E MB SI RS342B LED17S/830 PSU-E MB SI 871869625508700 910500456520 |
| 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 - pe 34 | 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 LED17S/830 PSU-E MB SI RS342B LED17S/830 PSU-E MB SI 871869625508700 910500456520 910500456520 |
| 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 - De 34 +10 to +40 °C | 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 LED17S/830 PSU-E MB SI RS342B LED17S/830 PSU-E MB SI 871869625508700 910500456520 910500456520 1 |
| 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 14.4 W 0.9 Push-in connector and pull relief - De 34 +10 to +40 °C | 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 LED17S/830 PSU-E MB SI RS342B LED17S/830 PSU-E MB SI 871869625508700 910500456520 910500456520 1 8718696255087 |
| 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 14.4 W 0.9 Push-in connector and pull relief - se 34 +10 to +40 °C No Power supply unit external (On/Off) | 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 LED17S/830 PSU-E MB SI RS342B LED17S/830 PSU-E MB SI 871869625508700 910500456520 910500456520 1 8718696255087 1 |
| 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 | 50 to 60 Hz 18.6 A 0.24 ms 14.4 W 0.9 Push-in connector and pull relief - 10 to +40 °C No Power supply unit external (On/Off) - | 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 LED17S/830 PSU-E MB SI RS342B LED17S/830 PSU-E MB SI 871869625508700 910500456520 910500456520 1 8718696255087 1 |
| 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 | 50 to 60 Hz 18.6 A 0.24 ms 14.4 W 0.9 Push-in connector and pull relief - 10 to +40 °C No Power supply unit external (On/Off) - | 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 LED17S/830 PSU-E MB SI RS342B LED17S/830 PSU-E MB SI 871869625508700 910500456520 910500456520 1 8718696255087 1 |
| 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 | 50 to 60 Hz 18.6 A 0.24 ms 14.4 W 0.9 Push-in connector and pull relief - 10 to +40 °C No Power supply unit external (On/Off) - | 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 LED17S/830 PSU-E MB SI RS342B LED17S/830 PSU-E MB SI 871869625508700 910500456520 910500456520 1 8718696255087 1 |

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.