



# GreenSpace Accent Elbow

## RS342B LED39S/840 PSU-E MB SI

GreenSpace Accent Elbow, LED Module, system flux 3500 lm, 840 neutral 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

- 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         | LED35S [LED Module, system flux 3500 lm] | Driver included | Yes   |
| Cap-Base                 | - [-]                                    | 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 B10. Therefore, |
| Light source replaceable | No                                       |                 |   |
| Number of gear units     | 1 unit                                   |                 |   |
| Gear                     | -  |                 |   |

## GreenSpace Accent Elbow

|                     |   |
|---------------------|---|
|                     | the median useful life (B50) value also represents the B10 value. |
| Product family code | RS342B [GreenSpace Accent Elbow]                                  |
| Lighting Technology | LED   |
| Value ladder        | Performance   |
| CE mark             | Yes   |
| Warranty period     | 5 years   |
| Flammability mark   | -   |
| ENEC mark           | ENEC mark   |
| Glow-wire test      | Temperature 650 °C, duration 30 s                                 |
| EU RoHS compliant   | Yes   |

### Light Technical

|                                    |                          |
|------------------------------------|--------------------------|
| Luminous Flux                      | 3,800 lm                 |
| Correlated Color Temperature (Nom) | 4000 K                   |
| Luminous Efficacy (rated) (Nom)    | 120.63492063492063 lm/W  |
| Color rendering index (CRI)        | ≥80                      |
| Number of light sources            | 1                        |
| Beam angle of light source         | 120 degree(s)            |
| Light source color                 | 840 neutral white        |
| Optic type                         | Medium beam              |
| Optical cover type                 | Acrylic bowl/cover clear |
| Luminaire light beam spread        | 24°                      |

### Operating and Electrical

|  |                                   |
|--|-----------------------------------|
| Input Voltage                            | 220-240 V                         |
| Line Frequency                           | 50 to 60 Hz                       |
| Inrush current                           | 18.6 A                            |
| Inrush time                              | 0.24 ms                           |
| Power Consumption                        | 31.5 W                            |
| Power Factor (Fraction)                  | 0.9                               |
| Connection                               | Push-in connector and pull relief |
| Cable                                    | -                                 |
| Number of products on MCB of 16 A type B | 34                                |

### Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | +10 to +40 °C |
|---------------------------|---------------|

### Controls and Dimming

|                               |                                     |
|-------------------------------|-------------------------------------|
| Dimmable                      | No                                  |
| Driver/power unit/transformer | Power supply unit external (On/Off) |
| Control interface             | -                                   |
| Constant light output         | No                                  |

### Mechanical and Housing

|                  |          |
|------------------|----------|
| Housing Material | Aluminum |
|------------------|----------|

|                                     |                               |
|-------------------------------------|-------------------------------|
| Reflector material                  | Polycarbonate aluminum coated |
| Optic material                      | Polymethyl methacrylate       |
| Optical cover material              | Polymethyl methacrylate       |
| Fixation material                   | Polyamide                     |
| Housing Color                       | Silver                        |
| Optical cover finish                | Clear                         |
| Overall length                      | 228 mm                        |
| Overall width                       | 193 mm                        |
| Overall height                      | 156 mm                        |
| Overall diameter                    | 193 mm                        |
| Dimensions (Height x Width x Depth) | 156 x 193 x 228 mm            |

### Approval and Application

|                              |                         |
|------------------------------|-------------------------|
| Ingress protection code      | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard]   |
| Protection class IEC         | Safety class II         |

### Initial Performance (IEC Compliant)

|                             |                     |
|-----------------------------|---------------------|
| Luminous flux tolerance     | +/-10%              |
| Initial chromaticity        | (0.38, 0.38) SDCM<3 |
| Power consumption tolerance | +/-10%              |

### Over Time Performance (IEC Compliant)

|   |     |
|---|-----|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h        | L80 |

### Application Conditions

|                                    |                |
|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C          |
| Maximum dim level                  | Not applicable |
| Suitable for random switching      | No             |

### Product Data

|                                 |                               |
|---------------------------------|-------------------------------|
| Order product name              | RS342B LED39S/840 PSU-E MB SI |
| Full product name               | RS342B LED39S/840 PSU-E MB SI |
| Full product code               | 871869625533900               |
| Order code                      | 910500456545                  |
| Material Nr. (12NC)             | 910500456545                  |
| Numerator - Quantity Per Pack   | 1                             |
| EAN/UPC - Product/Case          | 8718696255339                 |
| Numerator - Packs per outer box | 1                             |
| EAN/UPC - Case                  | 8718696255339                 |

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### Dimensional drawing

