



# 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 (PSU) - Medium beam - Safety class II - Silver

Lighting is one of the key assets that can help retailers and building operators achieve their cost targets. Until now, many have been reluctant to switch from CDM to LED technology because the efficiency, initial investment, installation process, light level and/or quality of light of new LED solutions were not on par with their CDM existing solutions. This is no longer the case, thanks to GreenSpace Accent. Now, retailers and building operators can make the switch and enjoy the benefits of Philips PerfectAccent light quality as well as significant energy savings compared to their existing CDM installation – all for a reasonable initial investment. And GreenSpace Accent's regular cut-out makes retrofit installation quick and easy. For food and fashion retailers, GreenSpace Accent elbow is also available with special light recipes to further enhance the store ambiance and to show the produce and goods on offer in the very best light: Fresh Food Champagne is the perfect LED solution for displaying fruit, vegetables, cheese, bread and pastries in a warm lighting ambiance; Fresh Food Meat creates the best light setting for meat enhancement in a cool natural ambiance; CrispWhite is the clear choice for fashion retailers to make colors appear rich and intense while keeping whites bright.

### Product data

| General Information        |   |                          |                |
|----------------------------|---|--------------------------|----------------|
| Number of light sources    | 1 [ 1 pc]                                 | Light source colour      | 830 warm white |
| Lamp family code           | LED17S [ LED Module, system flux 1700 lm] | Cap base                 | - [ -]         |
| Beam angle of light source | 120 °                                     | Light source replaceable | No             |
|                            |   | Number of gear units     | 1 unit         |

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|                               |   |
|-------------------------------|---|
| Gear                          | -   |
| Driver/power unit/transformer | PSU-E [ Power supply unit external (PSU)]   |
| Driver included               | Yes   |
| Optic type                    | MB [ Medium beam]   |
| Optical cover/lens type       | ACC [ Acrylic bowl/cover clear]   |
| Luminaire light beam spread   | 24°   |
| Control interface             | -   |
| Connection                    | Push-in connector and pull relief   |
| Cable                         | -   |
| Protection class IEC          | Safety class II   |
| Glow-wire test                | Temperature 650 °C, duration 30 s   |
| Flammability mark             | NO [-]  |
| CE mark                       | CE mark   |
| ENEC mark                     | ENEC mark   |
| UL mark                       | No  |
| Warranty period               | 5 years   |
| 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 the median useful life (B50) value also represents the B10 value. |
| Constant light output         | No  |
| Number of products on MCB     | 34  |
| RoHS mark                     | RoHS mark   |
| Product Family Code           | RS342B [ GreenSpace Accent Elbow]   |

### Operating and Electrical

|                     |             |
|---------------------|-------------|
| Input voltage       | 220-240 V   |
| Input frequency     | 50 to 60 Hz |
| Inrush current      | 18,6 A      |
| Inrush time         | 0,24 ms     |
| Power factor (min.) | 0,9         |

### Controls and Dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

### Mechanical and Housing

|                             |                                |
|-----------------------------|--------------------------------|
| Housing material            | Aluminium                      |
| Reflector material          | Polycarbonate aluminium coated |
| Optic material              | Polymethyl methacrylate        |
| Optical cover/lens material | Polymethyl methacrylate        |
| Fixation material           | Polyamide                      |
| Optical cover/lens finish   | Clear                          |

|                  |        |
|------------------|--------|
| Overall length   | 228 mm |
| Overall width    | 193 mm |
| Overall height   | 156 mm |
| Overall diameter | 193 mm |
| Colour           | Silver |

### Approval and Application

|                              |                          |
|------------------------------|--------------------------|
| Ingress protection code      | IP20 [ Finger-protected] |
| Mech. impact protection code | IK02 [ 0.2 J standard]   |

### Initial Performance (IEC Compliant)

|                                |                         |
|--------------------------------|-------------------------|
| Initial luminous flux          | 1700 lm                 |
| Luminous flux tolerance        | +/-10%                  |
| Initial LED luminaire efficacy | 118.05555555555556 lm/W |
| Init. Corr. colour temperature | 3000 K                  |
| Init. colour rendering index   | ≥80                     |
| Initial chromaticity           | (0.43, 0.40) SDCM<3     |
| Initial input power            | 14.4 W                  |
| 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

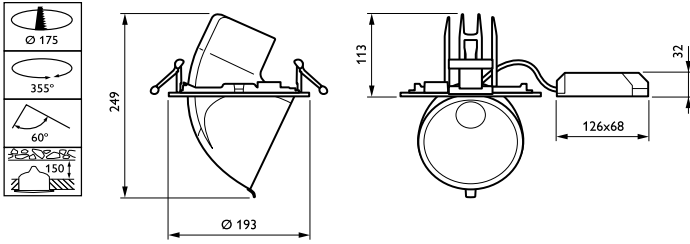
|                                    |                |
|------------------------------------|----------------|
| Ambient temperature range          | +10 to +40 °C  |
| Performance ambient temperature Tq | 25 °C          |
| Maximum dimming level              | Not applicable |
| Suitable for random switching      | No             |

### Product Data

|                                 |                               |
|---------------------------------|-------------------------------|
| Full product code               | 871869625508700               |
| Order product name              | RS342B LED17S/830 PSU-E MB SI |
| EAN/UPC – product               | 8718696255087                 |
| Order code                      | 25508700                      |
| Numerator – quantity per pack   | 1                             |
| Numerator – packs per outer box | 1                             |
| Material no. (12NC)             | 910500456520                  |
| Net weight (piece)              | 1.600 kg                      |

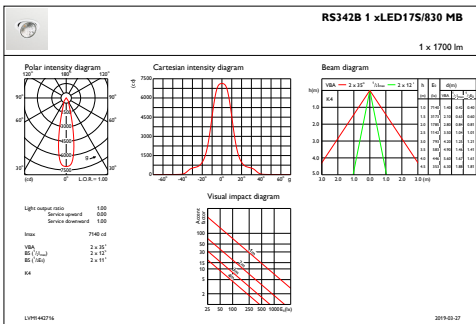
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## Dimensional drawing

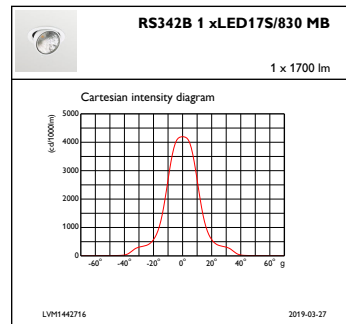


GreenSpace Accent RS340B-RS343B

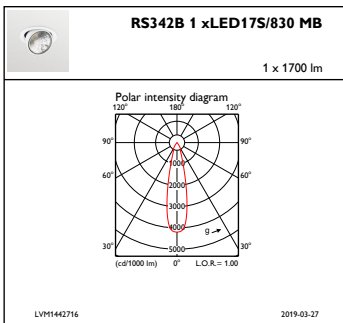
## Photometric data



IFAS1\_RS342B1xLED17S830MB



IFCC1\_RS342B1xLED17S830MB



IFPC1\_RS342B1xLED17S830MB

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