



GreenSpace Accent, elbow

RS342B LED27S/840 PSU-E MB BK

GreenSpace Accent Elbow, LED Module, system flux 2700 lm, 840 neutral white, Power supply unit external (On/Off), Medium beam, Safety class II, Black

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.

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

GreenSpace Accent, elbow

| General Information | |
|--------------------------|--|
| Lamp family code | LED27S [LED Module, system flux 2700 lm] |
| Cap base | - [-] |
| Light source replaceable | No |
| Number of gear units | Unit |
| Gear | - |
| Driver included | Yes |
| Remarks | *- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, 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 | 2,800 lm |
| Correlated Colour Temperature | 4000 K |
| Luminous efficacy (rated) (nom.) | 119.14893617021276 lm/W |
| Colour rendering index (CRI) | ≥80 |
| Beam angle of light source | 120 degree(s) |
| Light source colour | 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 | 23.5 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 | Aluminium |
| Reflector material | Aluminium and polycarbonate |
| Optic material | Polymethyl methacrylate |
| Optical cover/lens material | Polymethyl methacrylate |
| Fixation material | Polyamide |
| Housing Colour | Black |
| Optical cover/lens 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 50,000 h | 5 % |
| Lumen maintenance at median useful life* 50,000 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 LED27S/840 PSU-E MB BK |
| Full product name | RS342B LED27S/840 PSU-E MB BK |
| Full EOC | 871869625513100 |
| Order code | 25513100 |
| Material no. (12 NC) | 910500456525 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8718696255131 |
| Numerator – packs per outer box | 1 |
| EAN/UPC - Case | 8718696255131 |

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Dimensional drawing

