PHILIPS Lighting



LuxSpace Accent Compact Elbow Gen1

RS742B LED27S/CH PSE-E MB WH

LuxSpace Accent Compact Elbow Gen1, 46 W, 2700 lm, 2500 K, Medium beam, White

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain the quality of light they are used to, flexibility in architectural integration, and the right light effects to catch the customer's eye. Last but not least, they need future-proof solutions that will enable them to implement differentiating concepts in their store. Delivering high-quality light, punch in the beam and outstanding luminous efficacy, LuxSpace Accent is the ideal energyefficient solution for today's demanding retail environments. Featuring an extremely compact and unobtrusive form factor, LuxSpace Accent Compact Elbow offers strong optical performance, as well as full aiming options. For fashion and food retailers, it is available with special light flavors and LED recipes to show the clothes and fresh food produce on offer in the very best light.

Product data

| General Information | |
|--------------------------|---|
| Lamp family code | LED27S [LED Module, system flux 2700 lm] |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| 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 |
| | |

| | B10. Therefore, the median useful life (B50) |
|---------------------|--|
| | value also represents the B10 value. |
| Product family code | RS742B [LuxSpace Accent Compact G3] |
| Lighting Technology | LED |
| Value ladder | Specification |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | For mounting on normally flammable |
| | surfaces |
| ENEC mark | ENEC mark |
| | |

LuxSpace Accent Compact Elbow Gen1

| Glow-wire test | Temperature 650 °C, duration 5 s |
|------------------------------------|----------------------------------|
| EU RoHS compliant | Yes |
| | |
| Light Technical | |
| Luminous Flux | 2,700 lm |
| Correlated Color Temperature (Nom) | 2500 K |
| Luminous Efficacy (rated) (Nom) | 58.7 lm/W |
| Color rendering index (CRI) | ≥80 |
| Number of light sources | 1 |
| Beam angle of light source | 120 degree(s) |
| ight source color | Champagne |
| Optic type | Medium beam |
| Optical cover type | - |
| Luminaire light beam spread | 28° |
| | |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |

| Optical cover material | Polycarbonate |
|-------------------------------------|--------------------|
| Fixation material | - |
| Housing Color | White |
| Optical cover finish | Clear |
| Overall length | 179 mm |
| Overall width | 134 mm |
| Overall height | 109 mm |
| Overall diameter | 134 mm |
| Dimensions (Height x Width x Depth) | 109 x 134 x 179 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 | (0.46, 0.39) SDCM <3 |
| Barren and the talena as | / 100/ |

| Power consumption tolerance | +/-10% |
|--|--------|
| | |
| Over Time Performance (IEC Compli | ant) |
| Control gear failure rate at median useful | 5 % |
| life 50000 h | |
| Lumen maintenance at median useful | L80 |

| 110 30000 11 | |
|------------------------------------|-----|
| Lumen maintenance at median useful | L80 |
| life* 50000 h | |
| | |

| Application Conditions | | |
|------------------------------------|-------|--|
| Performance ambient temperature Tq | 25 °C | |
| Suitable for random switching | Yes | |

| Product Data | |
|---------------------------------|------------------------------|
| Order product name | RS742B LED27S/CH PSE-E MB WH |
| Full product name | RS742B LED27S/CH PSE-E MB WH |
| Full product code | 871869916790500 |
| Order code | 910500459495 |
| Material Nr. (12NC) | 910500459495 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699167905 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718699167905 |

| 220 to 240 V |
|-----------------------------------|
| 50 to 60 Hz |
| - W |
| - W |
| 23.5 A |
| 0.272 ms |
| 46 W |
| 0.9 |
| Push-in connector and pull relief |
| |
| - |
| - 24 |
| |
| |
| |
| |
| 24 |
| 24 |
| 24 |
| 24 +10 to +40 °C |
| |

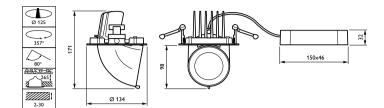
| Mechanical and Housing | |
|------------------------|---------------|
| Housing Material | Aluminum |
| Reflector material | Silver |
| Optic material | Polycarbonate |

No

Constant light output

LuxSpace Accent Compact Elbow Gen1

Dimensional drawing





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