PHILIPS Lighting



LuxSpace Accent Compact Elbow Gen1

RS742B LED27S/840 PSU-E VWB SI

LuxSpace Accent Compact Elbow Gen1, 22.5 W, 3000 lm, 4000 K, Very wide beam, Silver

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 | 3,000 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 133 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 | Very wide beam |
| Optical cover type | - |
| Luminaire light beam spread | 60° |
| | |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Initial CLO power consumption | - W |
| Average CLO power consumption | - W |

| Fixation material | - |
|-------------------------------------|--------------------|
| Housing Color | Silver |
| 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] |
| Sustainability rating | - |
| 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 | 5 % |
|--|-----|
| life 50000 h | |
| Lumen maintenance at median useful | L80 |
| life* 50000 h | |

Application Conditions Performance ambient temperature Tq 25 °C

| Suitable for random switching | Yes |
|-------------------------------|-----|
| | |

Product Data

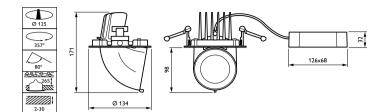
| RS742B LED27S/840 PSU-E VWB SI |
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| Operating and Electrical | |
|--|-------------------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Initial CLO power consumption | - W |
| Average CLO power consumption | - W |
| Inrush current | 6 A |
| Inrush time | 0.055 ms |
| Power Consumption | 22.5 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector and pull relief |
| Cable | - |
| Number of products on MCB of 16 A type | 40 |
| В | |
| | |
| 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 |

| Mechanical and Housing | |
|------------------------|-------------------------------|
| Housing Material | Aluminum |
| Reflector material | Polycarbonate aluminum coated |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |

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Dimensional drawing





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