



LuxSpace Accent Fresh Food

RS742B LED27S/CH PSU-E MB WH

LuxSpace Accent Fresh Food, 22.5 W, 2600 lm, 2500 K, Medium beam, White

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain high-quality lighting to catch the customer's eye, as well as flexibility in architectural integration. Food retailers generally want superior light sources that illuminate their fresh food counters in the freshest way possible, making food appealing while keeping the light ambiance attractive and welcoming. When a warm light ambiance is preferred, Fresh Food Champagne is the perfect LED solution to light fruit, vegetables, cheese, bread and pastries. Fresh Food Rose is a perfect warm-light solution for meat counters, enhancing the redness of meat but also slowing down the discoloration of sliced meat. When a brighter or more natural light ambiance is preferred, Fresh Food Authentic White is recommended for fruits, vegetables, cheeses, bread and pastries. Fresh Food Meat creates the best light setting for meat enhancement in a cooler ambiance.

Product data

| General Information | | |
|--------------------------|---|--|
| 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 | |

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| | |
|-------------------|----------------------------------|
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 650 °C, duration 5 s |
| EU RoHS compliant | Yes |

Light Technical

| | |
|------------------------------------|---------------|
| Luminous Flux | 2,600 lm |
| Correlated Color Temperature (Nom) | 2500 K |
| Luminous Efficacy (rated) (Nom) | 116 lm/W |
| Color rendering index (CRI) | ≥80 |
| Beam angle of light source | 120 degree(s) |
| Light source color | Champagne |
| Optic type | Medium beam |
| Optical cover type | Clear glass |
| Luminaire light beam spread | 28° |

Operating and Electrical

| | |
|--|-----------------------------------|
| Input Voltage | 220-240 V |
| Line Frequency | 50 to 60 Hz |
| Initial CLO power consumption | - W |
| Average CLO power consumption | - W |
| Inrush current | 14.5 A |
| Inrush time | 0.22 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 B | 24 |

Temperature

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

Controls and Dimming

| | |
|-------------------------------|---|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit DC compatible, external |
| Control interface | - |
| Constant light output | No |

Mechanical and Housing

| | |
|------------------------|-------------------------------|
| Housing Material | Aluminum |
| Reflector material | Polycarbonate aluminum coated |
| Optic material | Polycarbonate |
| 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] |
| Sustainability rating | - |
| Protection class IEC | Safety class II |

Initial Performance (IEC Compliant)

| | |
|-----------------------------|----------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.46, 0.39) 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 | Yes |

Product Data

| | |
|---------------------------------|------------------------------|
| Order product name | RS742B LED27S/CH PSU-E MB WH |
| Full product name | RS742B LED27S/CH PSU-E MB WH |
| Full product code | 871869939937500 |
| Order code | 910500465316 |
| Material Nr. (12NC) | 910500465316 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699399375 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718699399375 |

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Dimensional drawing

