



# LuxSpace Accent

## RS731B LED12S/840 PSED-VLC-E WB WH

LuxSpace Accent Mini G3 - LED Module, system flux 1200 lm - 840 neutral white - Power supply unit with DALI interface external, DC compatible for central emergency lighting - Wide 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 energy-efficient solution for today's demanding retail environments, covering a wide variety of lighting applications, including CrispWhite for fashion stores and Food recipes for supermarkets.

### Product data

| General Information           |  |                             |  |
|-------------------------------|--|-----------------------------|--|
| Number of light sources       | 1 [ 1 pc]  | Optical cover/lens type     | No [ -]  |
| Lamp family code              | LED12S [ LED Module, system flux 1200 lm]  | Luminaire light beam spread | 36°  |
| Beam angle of light source    | 120 °  | Control interface           | DALI   |
| Light source colour           | 840 neutral white  | Connection                  | Push-in connector and pull relief                |
| Light source replaceable      | No   | Cable                       | -  |
| Number of gear units          | 1 unit   | Protection class IEC        | Safety class II                                  |
| Driver/power unit/transformer | PSED-E [ Power supply unit with DALI interface external, DC compatible for central emergency lighting] | Glow-wire test              | Temperature 650 °C, duration 5 s                 |
| Driver included               | Yes  | Flammability mark           | F [ For mounting on normally flammable surfaces] |
| Optic type                    | WB [ Wide beam]  | CE mark                     | CE mark  |
|                               |  | ENEC mark                   | ENEC mark  |
|                               |  | UL mark                     | No   |

## LuxSpace Accent

|                           |  |
|---------------------------|--|
| Warranty period           | 5 years  |
| Remarks                   | *-Per Lighting Europe guidance paper<br>"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 | 24   |
| RoHS mark                 | RoHS mark  |
| Product Family Code       | RS731B [ LuxSpace Accent Mini G3]  |

### Operating and Electrical

|                               |                |
|-------------------------------|----------------|
| Input voltage                 | 220 to 240 V   |
| Input frequency               | 50 to 60 Hz    |
| Control signal voltage        | 0-16 V DC DALI |
| Initial CLO power consumption | - W            |
| Average CLO power consumption | - W            |
| Inrush current                | 5.3 A          |
| Inrush time                   | 0.7 ms         |
| Power factor (min.)           | 0.9            |

### Controls and Dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

### Mechanical and Housing

|                             |                                |
|-----------------------------|--------------------------------|
| Housing material            | Aluminium                      |
| Reflector material          | Polycarbonate aluminium coated |
| Optic material              | Polycarbonate                  |
| Optical cover/lens material | Polycarbonate                  |
| Fixation material           | -                              |
| Optical cover/lens finish   | Frosted                        |
| Overall height              | 86 mm                          |
| Overall diameter            | 105 mm                         |

### 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          | 1150 lm              |
| Luminous flux tolerance        | +/-10%               |
| Initial LED luminaire efficacy | 123.6 lm/W           |
| Init. Corr. colour temperature | 4000 K               |
| Init. colour rendering index   | ≥80                  |
| Initial chromaticity           | (0.38, 0.38) SDCM <3 |
| Initial input power            | 12 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 |

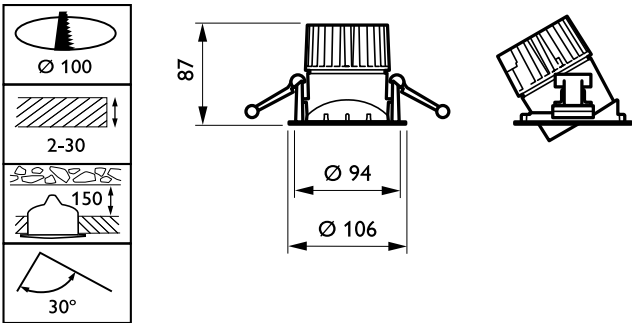
### Application Conditions

|                                    |   |
|------------------------------------|---|
| Ambient temperature range          | +10 to +40 °C   |
| Performance ambient temperature Tq | 25 °C   |
| Maximum dimming level              | 1%  |
| Suitable for random switching      | Yes (relates to presence/ movement detection and daylight harvesting) |

### Product Data

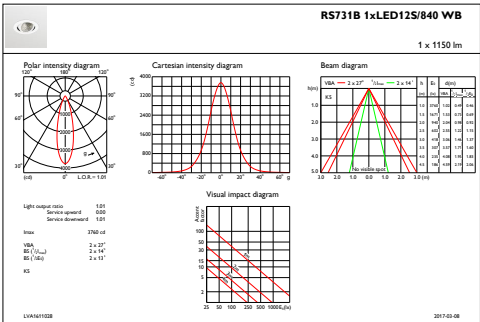
|                                 |                                    |
|---------------------------------|------------------------------------|
| Full product code               | 871869684770100                    |
| Order product name              | RS731B LED12S/840 PS2D-VLC-E WB WH |
| EAN/UPC – product               | 8718696847701                      |
| Order code                      | 84770100                           |
| Numerator – quantity per pack   | 1                                  |
| Numerator – packs per outer box | 1                                  |
| Material no. (12NC)             | 910500457294                       |
| Net weight (piece)              | 0.540 kg                           |

Dimensional drawing

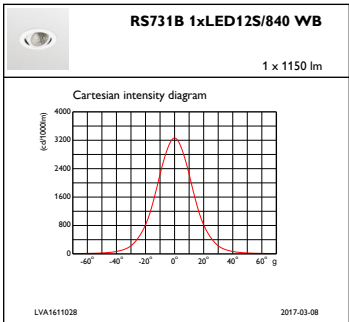


LuxSpace Accent RS730B-RS752B

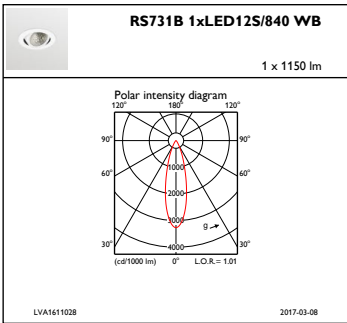
Photometric data



IFAS1\_RS731B1xLED12S840WB



IFCC1\_RS731B1xLED12S840WB



IFPC1\_RS731B1xLED12S840WB

