



# LuxSpace Accent Compact Adjustable

## RS771B 27S/830 DIA-VLC-E HMB WH

LuxSpace Accent Compact Adjustable, Recessed, 20.5 W, D125 mm, 2800 lm, 3000 K, DALI, Interact Ready, High-reflective metal reflector Medium beam 20 to 40 degrees, PerfectAccent High-Efficacy reflector, White, IP20

Recessed, D125 mm, Aluminum, White, Signal white (RAL9003), Recessed, Dali dimming Interact System ready visual light communication enabled external, 2800 lm, 20.5 W, 133 lm/W, 3000 K, (0.434,0.403)<3, High-reflective metal reflector Medium beam 20 to 40 degrees, PerfectAccent High-Efficacy reflector, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class II, 2 Push-in connector 2-pole

### Warnings and Safety

- All photometrical data is calculated without optional front glass. Flux should be reduced by 3.5% when using a front glass
- Cleaning of the optic should only be done with pressurized air. Touching the LED or reflector is forbidden. For food preparation areas and areas with high levels of dust, the use of the optional front glass is strongly advised, as it can be cleaned with a (dry) microfiber cloth
- 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

| General Information      |        | Lighting Technology | LED           |
|--------------------------|--------|---------------------|---------------|
| Light source replaceable | No     | Value ladder        | Specification |
| Number of gear units     | 1 unit | Warranty period     | 5 years       |
| Driver included          | Yes    |                     |               |
| Service tag              | Yes    |                     |               |

# LuxSpace Accent Compact Adjustable

| Light Technical                    |  |
|------------------------------------|--|
| Luminous Flux                      | 2.800 lm   |
| Correlated Color Temperature (Nom) | 3000 K   |
| Luminous Efficacy (rated) (Nom)    | 133 lm/W   |
| Color rendering index (CRI)        | >80  |
| Beam angle of light source         | 120 degree(s)  |
| Light source color                 | 830 warm white   |
| Optic type                         | High-reflective metal reflector Medium beam 20 to 40 degrees |
| Luminaire light beam spread        | 24°  |
| Unified glare rating CEN           | 22   |

| 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                           | 20.4 A                     |
| Inrush time                              | 195 ms                     |
| Power Consumption                        | 20.5 W                     |
| Power Factor (Fraction)                  | 0.9                        |
| Connection                               | 2 Push-in connector 2-pole |
| Cable                                    | -                          |
| Number of products on MCB of 16 A type B | 24                         |
| Suitable for random switching            | No                         |
| Protection class IEC                     | Safety class II            |
| Total harmonic distortion                | 20 %                       |

| Controls and Dimming          |  |
|-------------------------------|--|
| Dimmable                      | Yes  |
| Driver/power unit/transformer | Dali dimming Interact System ready visual light communication enabled external |
| Control interface             | DALI   |
| Constant light output         | No   |
| DALI Standard                 | DALI-2™ with extended data: Parts 251/252/253                                  |
| Maximum dim level             | 1%   |
| Connectivity                  | Interact Ready   |

| Mechanical and Housing |                                       |
|------------------------|---------------------------------------|
| Housing Material       | Aluminum                              |
| Reflector material     | Aluminum                              |
| Optic material         | Aluminum and polycarbonate            |
| Optical cover material | -                                     |
| Fixation material      | -                                     |
| Housing Color          | White                                 |
| Optical cover finish   | -                                     |
| Reflector Finish       | PerfectAccent High-Efficacy reflector |
| Overall length         | 0 mm                                  |
| Overall width          | 0 mm                                  |
| Overall height         | 130 mm                                |
| Overall diameter       | 130 mm                                |

|                                     |                         |
|-------------------------------------|-------------------------|
| Dimensions (Height x Width x Depth) | 130 x 0 x 0 mm          |
| Nominal Ceiling cut-out diameter    | 125 mm                  |
| Ingress protection code             | IP20 [Finger-protected] |
| Mech. impact protection code        | IK02 [0.2 J standard]   |
| Mounting                            | Recessed                |
| Net Weight (Piece)                  | 0.800 kg                |

| Approval and Application  |  |
|---|--|
| Glow-wire test  | Temperature 650 °C, duration 30 s              |
| Flammability mark   | For mounting on normally flammable surfaces    |
| CE mark   | Yes  |
| ENEC mark   | ENEC mark                                      |
| Photobiological risk  | Photobiological risk group 1 @200mm to EN62778 |
| EU RoHS compliant   | Yes  |
| Performance ambient temperature Tq                              | 25 °C  |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1  |
| Stroboscopic effect visibility measure (SVM)                    | 0.5  |
| Ambient temperature range                                       | +10 to +35 °C                                  |

| Initial Performance (IEC Compliant)                    |                 |
|--|-----------------|
| Luminous flux tolerance                                | +/-10%          |
| Initial chromaticity                                   | (0.434,0.403)<3 |
| Power consumption tolerance                            | +/-10%          |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤3          |

| Over Time Performance (IEC Compliant)                                |      |
|--|------|
| Control gear failure rate at median useful life 50000 h              | 10 % |
| Control gear failure rate at median useful life 100000 h             | 10 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h  | L90  |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h | L85  |

| Sustainability Data                                |  |
|--|--|
| Sustainability rating                              | Signify Circle   |
| Repair class                                       | Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time. |
| Embedded carbon (A1-A3)                            | 13.8 kg CO <sub>2e</sub>   |
| Product non-virgin material ratio                  | 7.53 %   |
| Recyclable content ratio of the finished product   | 44.2 %   |
| GWP total B6 (kg CO <sub>2eq</sub> ) Declared Unit | Please calculate using your local energy mix value: Power Declared Unit (kW) *   |

# LuxSpace Accent Compact Adjustable

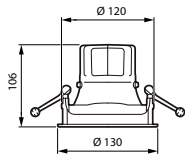
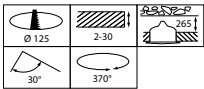
|   |  |
|---|--|
|   | Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)   |
| <b>GWP total B6 (kg CO2eq) Functional Unit</b>    | Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO2 eq / kwh) |
| <b>Non-virgin material ratio of the packaging</b> | Cardboard > 80% recycled   |
| <b>Packaging Recyclable content ratio</b>         | Cardboard recycling rate > 80%   |
| <b>Packaging Material</b>                         | Cardboard  |

## Product Data

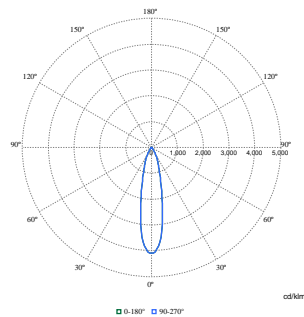
|                           |                                 |
|---------------------------|---------------------------------|
| <b>Order product name</b> | RS771B 27S/830 DIA-VLC-E HMB WH |
|---------------------------|---------------------------------|

|  |   |
|--|---|
| <b>Full product name</b>               | RS771B 27S/830 DIA-VLC-E HMB WH             |
| <b>Full product code</b>               | 871869997890700                             |
| <b>Order code</b>                      | 97890700                                    |
| <b>Material Nr. (12NC)</b>             | 910505101575                                |
| <b>Numerator - Quantity Per Pack</b>   | 1   |
| <b>EAN/UPC - Product/Case</b>          | 8718699978907                               |
| <b>Numerator - Packs per outer box</b> | 1   |
| <b>EAN/UPC - Case</b>                  | 8718699978907                               |
| <b>Product family code</b>             | RS771B [LUXSPACE ACCENT COMPACT ADJUSTABLE] |

## Dimensional drawing



## Photometric data



Polar Normal (separate) - RS770BI - 910505101575

## LuxSpace Accent Compact Adjustable

