



# LuxSpace 2 recessed – high efficiency, visual comfort and a stylish design

## LuxSpace, recessed

Customers are looking to optimize all their resources, and that means not just their running costs (energy, etc.) but also their human resources. Energy savings are therefore a priority, but they must not have an adverse effect on the well-being of employees, who need a pleasant environment in order to be more productive, or on customers, who want to enjoy their shopping experience. LuxSpace provides the perfect combination of efficiency, light comfort and design, without compromising on lighting performance (color rendering and color uniformity). It offers a wide choice of options for creating the desired ambience, no matter the application.

### Benefits

- Best-in-class efficacy
- Gentle, uniform light with optimised distribution and glare control for visual comfort
- Supports lighting for well-being/human-centric lighting with Tunable White and integrated lighting controls
- Perfect ceiling integration (narrow rim or rimless version for plaster ceilings)
- Excellent colour rendering CRI90 (R9>50)

## LuxSpace, recessed

### Features

- Mini (DN560B) and compact (DN570B/DN571B) sizes for recessed
- Square-recessed (DN572B) and surface-mounted (DN570C) round versions in a compact size
- Choice of four optics: high-gloss, faceted, matt and white
- UGR19 and UGR22 versions with different product heights
- Selection of colours: high-gloss metallised, white (RAL9003), grey (RAL9006), black (RAL9004) as standard (or any other RAL colour on request)
- Compliant for central emergency lighting with DC (upon request)
- Many extra options: PG and PGO (IP54 front face), emergency lighting (single battery 3 hours), suspended deco glasses, through-wiring, Eca and B2ca cable and connector options
- Extended useful lifetime: 50,000 hours @L90

### Application

- Offices
- Retail
- Hospitals and care centres
- Hospitality
- Airports
- Museums
- Atriums

### Specifications

|   |  |
|---|--|
| <b>Type</b>   | DN570B (low-height recessed version)<br>DN571B (deep-recessed version)   |
| <b>Ceiling type</b>   | Plaster (board) ceiling  |
| <b>Light source</b>   | Non-replaceable LED module   |
| <b>Power</b>  | 11, 19, 23, 34 W (3000K)<br>11, 17.4, 21, 32 W (4000K)   |
| <b>Light colour:</b>  | 830, 840, 927, 930 and 940   |
| <b>Luminous flux (for 830 and 840 versions)</b>                 | DN570B, high-gloss mirror or faceted reflector: 1,350, 2,200, 2,600, 4,000 lm<br>DN570B, matt reflector: 1,150, 1,850, 2,200, 4,000 lm<br>DN570B, white reflector: 1,300, 2,100, 2,500, 4,000 lm<br>DN571B, high-gloss mirror or faceted reflector: 1,300, 2,100, 2,500, 4,000 lm<br>DN571B, matt reflector: 1,000, 1,650, 1,950, 4,000 lm<br>DN571B, white reflector: 1,250, 2,000, 2,400, 4,000 lm |
| <b>Colour Rendering Index</b>                                   | > 80 and > 90  |
| <b>Lumen maintenance at median useful life* 50,000 h</b>        | L90  |
| <b>Control gear failure rate at median useful life 50,000 h</b> | 5%   |
| <b>Performance Ambient Temperature Tq</b>                       | +25 °C   |

|                                    |   |
|------------------------------------|---|
| <b>Operating temperature range</b> | +10 to +40 °C   |
| <b>Driver</b>                      | Separate  |
| <b>Mains voltage</b>               | 230 or 240 V/50-60 Hz   |
| <b>Dimming</b>                     | DALI dimming possible (PSD-E)   |
| <b>Options</b>                     | Emergency lighting 3 hours (EL3)<br>Protection glass (PG or PGO, IP54 front face)<br>Through-wiring<br>Rimless version for plaster ceiling (not for LED40S)<br>Suspended glasses: opal (SG-O), frosted circle (SG-FRC) and frosted halo ring (SG-HR-FR)<br>Different cable and connector options available to support fast installation |
| <b>Material</b>                    | Housing and rim: aluminium<br>Reflector: plastic, aluminium-coated (for high-gloss and faceted optics)  |
| <b>Colour</b>                      | Rim: white (RAL 9003), grey (RAL 9006), black (RAL 9004)  |
| <b>Optic</b>                       | High-gloss mirror (C)<br>Matt mirror (M)<br>Faceted reflector (F)<br>White reflector (WR)   |
| <b>Connection</b>                  | Push-in connector or with pull relief   |
| <b>Installation</b>                | Fixed with spring fasteners   |
| <b>Remarks</b>                     | External driver included  |

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## Versions



LUXSPACE 2 COMPACT LOW  
HEIGHT - LED Module, system flux  
1200 lm

### Application Conditions

|                               |               |
|-------------------------------|---------------|
| Ambient temperature range     | +10 to +25 °C |
| Suitable for random switching | Yes           |

### Approval and Application

|                              |      |
|------------------------------|------|
| Mech. impact protection code | IK02 |
| Ingress protection code      | IP20 |

### Operating and Electrical

|               |              |
|---------------|--------------|
| Input Voltage | 220 to 240 V |
|---------------|--------------|

### General Information

|                          |                      |
|--------------------------|----------------------|
| CE mark                  | CE mark              |
| Protection class IEC     | Safety class II (II) |
| Driver included          | Yes                  |
| ENEC mark                | ENEC mark            |
| Flammability mark        | F                    |
| Light source replaceable | No                   |
| Number of gear units     | 1 unit               |
| Optic type               | C                    |
| Product family code      | DN570B               |

### Initial Performance (IEC Compliant)

|                              |         |
|------------------------------|---------|
| Init. Colour rendering index | >80     |
| Initial luminous flux        | 4400 lm |
| Luminous flux tolerance      | +/-10%  |

### Mechanical and Housing

|        |                |
|--------|----------------|
| Colour | White RAL 9003 |
|--------|----------------|

### Application Conditions

| Order Code   | Full Product Name                | Maximum dimming level |
|--------------|----------------------------------|-----------------------|
| 910505100885 | DN570B LED40S/840 PSU-E C WH     | Not applicable        |
| 910505100888 | DN570B LED40S/830 DIA-VLC-E C WH | 1%                    |

## Controls and Dimming

| Order Code   | Full Product Name            | Dimmable |
|--------------|------------------------------|----------|
| 910505100885 | DN570B LED40S/840 PSU-E C WH | No       |

| Order Code   | Full Product Name                | Dimmable |
|--------------|----------------------------------|----------|
| 910505100888 | DN570B LED40S/830 DIA-VLC-E C WH | Yes      |

## General Information

| Order Code   | Full Product Name            | Glow-wire test |
|--------------|------------------------------|----------------|
| 910505100885 | DN570B LED40S/840 PSU-E C WH | 650/30         |

## LuxSpace, recessed

| Order Code   | Full Product Name                | Glow-wire test |
|--------------|----------------------------------|----------------|
| 910505100888 | DN570B LED40S/830 DIA-VLC-E C WH | 850/5          |

### Initial Performance (IEC Compliant)

| Order Code   | Full Product Name            | Initial chromaticity    | Init. Corr. Colour Temperature | Initial LED luminaire efficacy | Initial input power |
|--------------|------------------------------|-------------------------|--------------------------------|--------------------------------|---------------------|
| 910505100885 | DN570B LED40S/840 PSU-E C WH | (0.38, 0.38)<br>SDCM <2 | 4000 K                         | 147 lm/W                       | 30 W                |

| Order Code   | Full Product Name                | Initial chromaticity    | Init. Corr. Colour Temperature | Initial LED luminaire efficacy | Initial input power |
|--------------|----------------------------------|-------------------------|--------------------------------|--------------------------------|---------------------|
| 910505100888 | DN570B LED40S/830 DIA-VLC-E C WH | (0.43, 0.40)<br>SDCM <2 | 3000 K                         | 133 lm/W                       | 33 W                |

### Light Technical

| Order Code   | Full Product Name            | Stroboscopic effect |
|--------------|------------------------------|---------------------|
| 910505100885 | DN570B LED40S/840 PSU-E C WH | 0.4                 |

| Order Code   | Full Product Name                | Stroboscopic effect |
|--------------|----------------------------------|---------------------|
| 910505100888 | DN570B LED40S/830 DIA-VLC-E C WH | -                   |

