

## LuxSpace square, recessed

DN572B



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

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
- Creates a gentle, natural light, ensuring visual comfort
- Perfect integration with the ceiling thanks to the thin, narrow rim; rimless version ideal for integration into plaster ceilings

### Applications

- Offices
- Retail
- Hospitals
- Hotels
- Airports

### Features

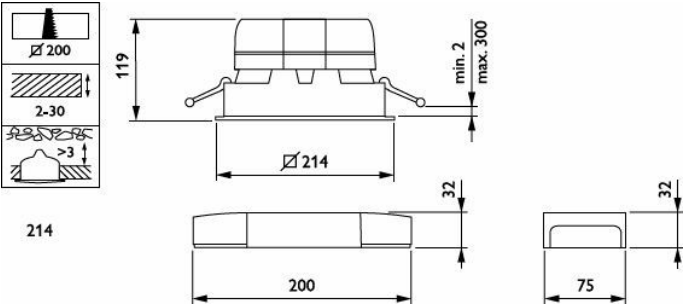
- Choice of four optics: high-gloss, faceted, matt and white
- Rim colors: high-gloss metalized, white (RAL9010), grey, black (RAL9004) as standard (any other RAL color possible upon request)
- Rimless version available
- Compliant for central emergency lighting with DC
- Multiple additional options: emergency lighting (single battery 3 hours), through-wiring

Versions



IPPR DN570Bi 0051

Dimensional drawing



LuxSpace2 Square

| General Information           |                             |
|-------------------------------|-----------------------------|
| Light source replaceable      | No                          |
| Number of gear units          | 1 unit                      |
| Driver included               | Yes                         |
| Service tag                   | Yes                         |
| Light Technical               |                             |
| Color rendering index (CRI)   | >80                         |
| Optic type                    | -                           |
| Operating and Electrical      |                             |
| Input Voltage                 | 220 to 240 V                |
| Line Frequency                | 50 to 60 Hz                 |
| Suitable for random switching | Yes                         |
| Protection class IEC          | Safety class II             |
| Controls and Dimming          |                             |
| Maximum dim level             | 1%                          |
| Embedded control              | Visible light communication |

Mechanical and Housing

|                              |                         |
|------------------------------|-------------------------|
| Housing Color                | White                   |
| Ingress protection code      | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard]   |

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                                   |
| Ambient temperature range | +10 to +25 °C                               |

Initial Performance (IEC Compliant)

|                         |        |
|-------------------------|--------|
| Luminous flux tolerance | +/-10% |
|-------------------------|--------|

Product Data

|                     |                           |
|---------------------|---------------------------|
| Product family code | DN572B [LuxSpace2 Square] |
|---------------------|---------------------------|

Light Technical

| Order Code   | Full Product Name                  | Luminous Flux | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) |
|--------------|------------------------------------|---------------|------------------------------------|---------------------------------|
| 910505100943 | DN572B LED12S/830UE PSU-E C WH     | 1,200 lm      | 3000 K                             | 152 lm/W                        |
| 910505100945 | DN572B LED12S/830UE DIA-VLC-E C WH | 1,200 lm      | 3000 K                             | 153 lm/W                        |
| 910505100947 | DN572B LED20S/830UE PSU-E C WH     | 2,100 lm      | 3000 K                             | 163 lm/W                        |
| 910505100951 | DN572B LED24S/830UE PSU-E C WH     | 2,400 lm      | 3000 K                             | 164 lm/W                        |
| 910505100952 | DN572B LED24S/840UE PSU-E C WH     | 2,500 lm      | 4000 K                             | 173 lm/W                        |

Operating and Electrical

| Order Code   | Full Product Name                  | Power Consumption |
|--------------|------------------------------------|-------------------|
| 910505100943 | DN572B LED12S/830UE PSU-E C WH     | 7.9 W             |
| 910505100945 | DN572B LED12S/830UE DIA-VLC-E C WH | 7.9 W             |
| 910505100947 | DN572B LED20S/830UE PSU-E C WH     | 13 W              |
| 910505100951 | DN572B LED24S/830UE PSU-E C WH     | 10.8 W            |
| 910505100952 | DN572B LED24S/840UE PSU-E C WH     | 14.8 W            |

Controls and Dimming

| Order Code   | Full Product Name                  | Dimmable |
|--------------|------------------------------------|----------|
| 910505100943 | DN572B LED12S/830UE PSU-E C WH     | No       |
| 910505100945 | DN572B LED12S/830UE DIA-VLC-E C WH | Yes      |
| 910505100947 | DN572B LED20S/830UE PSU-E C WH     | No       |
| 910505100951 | DN572B LED24S/830UE PSU-E C WH     | No       |
| 910505100952 | DN572B LED24S/840UE PSU-E C WH     | No       |

Initial Performance (IEC Compliant)

| Order Code   | Full Product Name                  | Initial chromaticity |
|--------------|------------------------------------|----------------------|
| 910505100943 | DN572B LED12S/830UE PSU-E C WH     | (0.43, 0.40) SDCM <2 |
| 910505100945 | DN572B LED12S/830UE DIA-VLC-E C WH | (0.43, 0.40) SDCM <2 |
| 910505100947 | DN572B LED20S/830UE PSU-E C WH     | (0.43, 0.40) SDCM <2 |
| 910505100951 | DN572B LED24S/830UE PSU-E C WH     | (0.43, 0.40) SDCM <2 |
| 910505100952 | DN572B LED24S/840UE PSU-E C WH     | (0.38, 0.38) SDCM <2 |

Polar normal diagrams

