



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

LuxSpace square, 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
- 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

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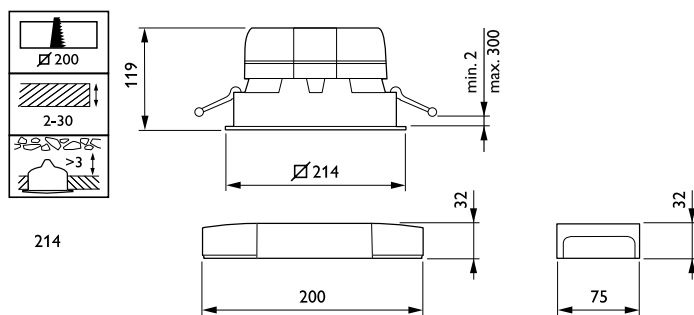
Features

- 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

Application

- Offices
- Retail
- Hospitals
- Hotels
- Airports

Dimensional drawing



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| General Information | |
|-------------------------------------|---|
| Driver included | Yes |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Service tag | Yes |
| Light Technical | |
| Color rendering index (CRI) | >80 |
| Optic type | - |
| Operating and Electrical | |
| Protection class IEC | Safety class II |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Suitable for random switching | Yes |
| Mechanical and Housing | |
| Housing Color | White |
| Mech. impact protection code | IK02 |
| Ingress protection code | IP20 |
| Approval and Application | |
| Ambient temperature range | +10 to +25 °C |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| Flammability mark | For mounting on normally flammable surfaces |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-10% |
| Product Data | |
| Product family code | DN572B |

Light Technical

| Order Code | Full Product Name | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|--------------|------------------------------------|------------------------------------|---------------------------------|---------------|
| 910505100943 | DN572B LED12S/830UE PSU-E C WH | 3000 K | 152 lm/W | 1,200 lm |
| 910505100944 | DN572B LED12S/840UE PSU-E C WH | 4000 K | 160 lm/W | 1,250 lm |
| 910505100945 | DN572B LED12S/830UE DIA-VLC-E C WH | 3000 K | 153 lm/W | 1,200 lm |
| 910505100946 | DN572B LED12S/840UE DIA-VLC-E C WH | 4000 K | 161 lm/W | 1,250 lm |
| 910505100947 | DN572B LED20S/830UE PSU-E C WH | 3000 K | 163 lm/W | 2,100 lm |
| 910505100948 | DN572B LED20S/840UE PSU-E C WH | 4000 K | 172 lm/W | 2,200 lm |
| 910505100949 | DN572B LED20S/830UE DIA-VLC-E C WH | 3000 K | 164 lm/W | 2,100 lm |
| 910505100950 | DN572B LED20S/840UE DIA-VLC-E C WH | 4000 K | 173 lm/W | 2,200 lm |
| 910505100951 | DN572B LED24S/830UE PSU-E C WH | 3000 K | 164 lm/W | 2,400 lm |
| 910505100952 | DN572B LED24S/840UE PSU-E C WH | 4000 K | 173 lm/W | 2,500 lm |
| 910505100953 | DN572B LED24S/830UE DIA-VLC-E C WH | 3000 K | 168 lm/W | 2,400 lm |
| 910505100954 | DN572B LED24S/840UE DIA-VLC-E C WH | 4000 K | 177 lm/W | 2,500 lm |

Operating and Electrical

| Order Code | Full Product Name | Power Consumption | Order Code | Full Product Name | Power Consumption |
|--------------|------------------------------------|-------------------|--------------|------------------------------------|-------------------|
| 910505100943 | DN572B LED12S/830UE PSU-E C WH | 7.9 W | 910505100949 | DN572B LED20S/830UE DIA-VLC-E C WH | 12.8 W |
| 910505100944 | DN572B LED12S/840UE PSU-E C WH | 7.9 W | 910505100950 | DN572B LED20S/840UE DIA-VLC-E C WH | 12.8 W |
| 910505100945 | DN572B LED12S/830UE DIA-VLC-E C WH | 7.9 W | 910505100951 | DN572B LED24S/830UE PSU-E C WH | 10.8 W |
| 910505100946 | DN572B LED12S/840UE DIA-VLC-E C WH | 7.9 W | 910505100952 | DN572B LED24S/840UE PSU-E C WH | 14.8 W |
| 910505100947 | DN572B LED20S/830UE PSU-E C WH | 13 W | 910505100953 | DN572B LED24S/830UE DIA-VLC-E C WH | 14.4 W |
| 910505100948 | DN572B LED20S/840UE PSU-E C WH | 13 W | 910505100954 | DN572B LED24S/840UE DIA-VLC-E C WH | 14.4 W |

Controls and Dimming

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| Order Code | Full Product Name | Dimmable | Embedded control | Maximum dim level |
|--------------|------------------------------------|----------|-----------------------------|-------------------|
| 910505100943 | DN572B LED12S/830UE PSU-E C WH | No | - | - |
| 910505100944 | DN572B LED12S/840UE PSU-E C WH | No | - | - |
| 910505100945 | DN572B LED12S/830UE DIA-VLC-E C WH | Yes | Visible light communication | 1% |
| 910505100946 | DN572B LED12S/840UE DIA-VLC-E C WH | Yes | Visible light communication | 1% |
| 910505100947 | DN572B LED20S/830UE PSU-E C WH | No | - | - |
| 910505100948 | DN572B LED20S/840UE PSU-E C WH | No | - | - |

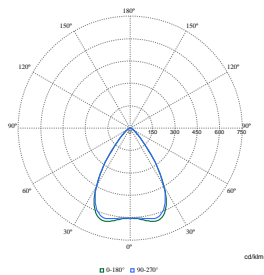
| Order Code | Full Product Name | Dimmable | Embedded control | Maximum dim level |
|--------------|------------------------------------|----------|-----------------------------|-------------------|
| 910505100949 | DN572B LED20S/830UE DIA-VLC-E C WH | Yes | Visible light communication | 1% |
| 910505100950 | DN572B LED20S/840UE DIA-VLC-E C WH | Yes | Visible light communication | 1% |
| 910505100951 | DN572B LED24S/830UE PSU-E C WH | No | - | - |
| 910505100952 | DN572B LED24S/840UE PSU-E C WH | No | - | - |
| 910505100953 | DN572B LED24S/830UE DIA-VLC-E C WH | Yes | Visible light communication | 1% |
| 910505100954 | DN572B LED24S/840UE DIA-VLC-E C WH | Yes | Visible light communication | 1% |

Initial Performance (IEC Compliant)

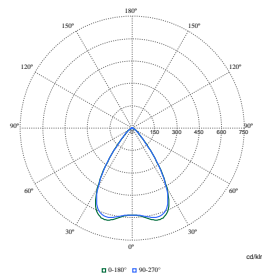
| Order Code | Full Product Name | Initial chromaticity |
|--------------|------------------------------------|----------------------|
| 910505100943 | DN572B LED12S/830UE PSU-E C WH | (0.43, 0.40) SDCM <2 |
| 910505100944 | DN572B LED12S/840UE PSU-E C WH | (0.38, 0.38) SDCM <2 |
| 910505100945 | DN572B LED12S/830UE DIA-VLC-E C WH | (0.43, 0.40) SDCM <2 |
| 910505100946 | DN572B LED12S/840UE DIA-VLC-E C WH | (0.38, 0.38) SDCM <2 |
| 910505100947 | DN572B LED20S/830UE PSU-E C WH | (0.43, 0.40) SDCM <2 |
| 910505100948 | DN572B LED20S/840UE PSU-E C WH | (0.38, 0.38) SDCM <2 |

| Order Code | Full Product Name | Initial chromaticity |
|--------------|------------------------------------|----------------------|
| 910505100949 | DN572B LED20S/830UE DIA-VLC-E C WH | (0.43, 0.40) SDCM <2 |
| 910505100950 | DN572B LED20S/840UE DIA-VLC-E C WH | (0.38, 0.38) 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 |
| 910505100953 | DN572B LED24S/830UE DIA-VLC-E C WH | (0.43, 0.40) SDCM <2 |
| 910505100954 | DN572B LED24S/840UE DIA-VLC-E C WH | (0.38, 0.38) SDCM <2 |

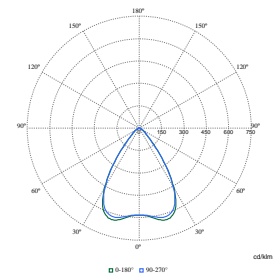
Polar Wide Diagrams



Polar Normal (separate) - DN572BI - 910505100945



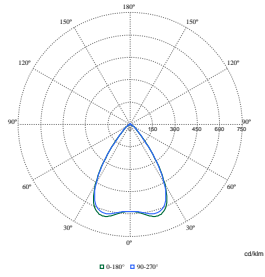
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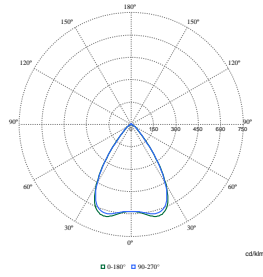
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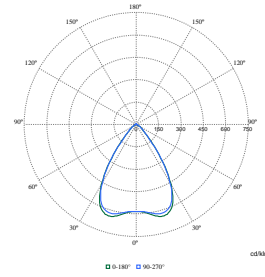
Polar Wide Diagrams



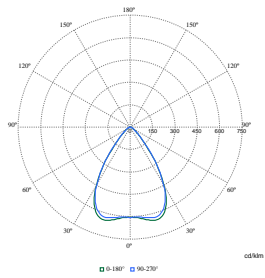
Polar Normal (separate) - DN572BI - 910505100953



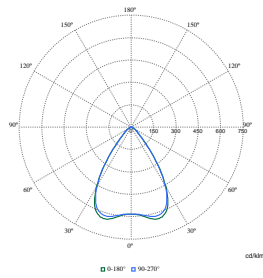
Polar Normal (separate) - DN572BI - 910505100949



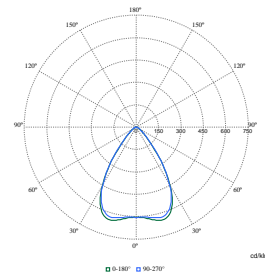
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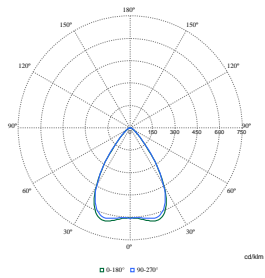
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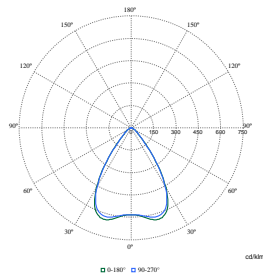
Polar Normal (separate) - DN572BI - 910505100954



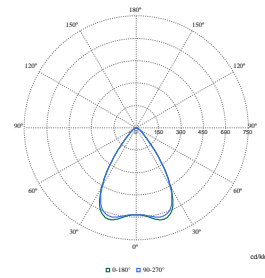
Polar Normal (separate) - DN572BI - 910505100943



Polar Normal (separate) - DN572BI - 910505100946



Polar Normal (separate) - DN572BI - 910505100952



Polar Normal (separate) - DN572BI - 910505100947

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