



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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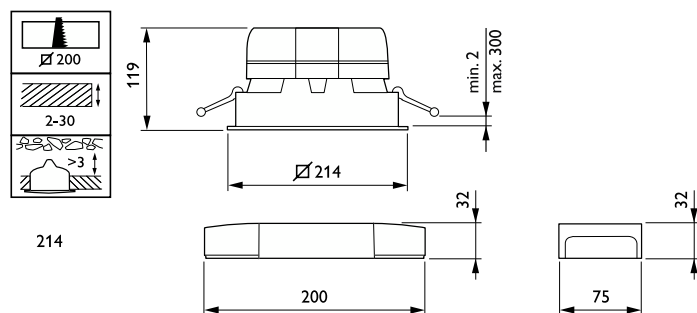
Features

- 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

| | |
|--------------------------|---|
| CE mark | Yes |
| Driver included | Yes |
| ENEC mark | ENEC mark |
| Flammability mark | For mounting on normally flammable surfaces |
| Glow-wire test | Temperature 850 °C, duration 5 s |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Product family code | DN572B |
| 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 |

Temperature

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

Mechanical and Housing

| | |
|---------------|-------|
| Housing Color | White |
|---------------|-------|

Approval and Application

| | |
|------------------------------|-----------------|
| Protection class IEC | Safety class II |
| Mech. impact protection code | IK02 |
| Ingress protection code | IP20 |

Initial Performance (IEC Compliant)

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

Application Conditions

| | |
|-------------------------------|-----|
| Suitable for random switching | Yes |
|-------------------------------|-----|

Light Technical

| Order Code | Full Product Name | Correlated Color | Luminous Efficacy | |
|------------|----------------------------------|-------------------|-------------------|---------------|
| | | Temperature (Nom) | (rated) (Nom) | Luminous Flux |
| 97073400 | DN572B LED12S/840 PSU-E C WH | 4000 K | 141 lm/W | 1,300 lm |
| 97074100 | DN572B LED12S/830 DIA-VLC-E C WH | 3000 K | 131 lm/W | 1,300 lm |
| 97075800 | DN572B LED12S/840 DIA-VLC-E C WH | 4000 K | 141 lm/W | 1,300 lm |
| 97076500 | DN572B LED20S/830 PSU-E C WH | 3000 K | 134 lm/W | 2,200 lm |
| 97077200 | DN572B LED20S/840 PSU-E C WH | 4000 K | 149 lm/W | 2,200 lm |
| 97078900 | DN572B LED20S/830 DIA-VLC-E C WH | 3000 K | 134 lm/W | 2,200 lm |
| 97079600 | DN572B LED20S/840 DIA-VLC-E C WH | 4000 K | 149 lm/W | 2,200 lm |
| 97080200 | DN572B LED24S/830 PSU-E C WH | 3000 K | 130 lm/W | 2,600 lm |
| 97081900 | DN572B LED24S/840 PSU-E C WH | 4000 K | 141 lm/W | 2,600 lm |
| 97082600 | DN572B LED24S/830 DIA-VLC-E C WH | 3000 K | 130 lm/W | 2,600 lm |
| 97083300 | DN572B LED24S/840 DIA-VLC-E C WH | 4000 K | 141 lm/W | 2,600 lm |

Operating and Electrical

| Order Code | Full Product Name | Power Consumption |
|------------|----------------------------------|-------------------|
| 97073400 | DN572B LED12S/840 PSU-E C WH | 9.2 W |
| 97074100 | DN572B LED12S/830 DIA-VLC-E C WH | 9.9 W |
| 97075800 | DN572B LED12S/840 DIA-VLC-E C WH | 9.2 W |
| 97076500 | DN572B LED20S/830 PSU-E C WH | 16.4 W |
| 97077200 | DN572B LED20S/840 PSU-E C WH | 14.8 W |
| 97078900 | DN572B LED20S/830 DIA-VLC-E C WH | 16.4 W |

| Order Code | Full Product Name | Power Consumption |
|------------|----------------------------------|-------------------|
| 97079600 | DN572B LED20S/840 DIA-VLC-E C WH | 14.8 W |
| 97080200 | DN572B LED24S/830 PSU-E C WH | 20 W |
| 97081900 | DN572B LED24S/840 PSU-E C WH | 18.4 W |
| 97082600 | DN572B LED24S/830 DIA-VLC-E C WH | 20 W |
| 97083300 | DN572B LED24S/840 DIA-VLC-E C WH | 18.4 W |

Controls and Dimming

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| Order Code | Full Product Name | Dimmable |
|------------|----------------------------------|----------|
| 97073400 | DN572B LED12S/840 PSU-E C WH | No |
| 97074100 | DN572B LED12S/830 DIA-VLC-E C WH | Yes |
| 97075800 | DN572B LED12S/840 DIA-VLC-E C WH | Yes |
| 97076500 | DN572B LED20S/830 PSU-E C WH | No |
| 97077200 | DN572B LED20S/840 PSU-E C WH | No |
| 97078900 | DN572B LED20S/830 DIA-VLC-E C WH | Yes |

| Order Code | Full Product Name | Dimmable |
|------------|----------------------------------|----------|
| 97079600 | DN572B LED20S/840 DIA-VLC-E C WH | Yes |
| 97080200 | DN572B LED24S/830 PSU-E C WH | No |
| 97081900 | DN572B LED24S/840 PSU-E C WH | No |
| 97082600 | DN572B LED24S/830 DIA-VLC-E C WH | Yes |
| 97083300 | DN572B LED24S/840 DIA-VLC-E C WH | Yes |

Initial Performance (IEC Compliant)

| Order Code | Full Product Name | Initial chromaticity |
|------------|----------------------------------|----------------------|
| 97073400 | DN572B LED12S/840 PSU-E C WH | (0.38, 0.38) SDCM <2 |
| 97074100 | DN572B LED12S/830 DIA-VLC-E C WH | (0.43, 0.40) SDCM <2 |
| 97075800 | DN572B LED12S/840 DIA-VLC-E C WH | (0.38, 0.38) SDCM <2 |
| 97076500 | DN572B LED20S/830 PSU-E C WH | (0.43, 0.40) SDCM <2 |
| 97077200 | DN572B LED20S/840 PSU-E C WH | (0.38, 0.38) SDCM <2 |
| 97078900 | DN572B LED20S/830 DIA-VLC-E C WH | (0.43, 0.40) SDCM <2 |

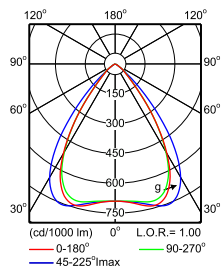
| Order Code | Full Product Name | Initial chromaticity |
|------------|----------------------------------|----------------------|
| 97079600 | DN572B LED20S/840 DIA-VLC-E C WH | (0.38, 0.38) SDCM <2 |
| 97080200 | DN572B LED24S/830 PSU-E C WH | (0.43, 0.40) SDCM <2 |
| 97081900 | DN572B LED24S/840 PSU-E C WH | (0.38, 0.38) SDCM <2 |
| 97082600 | DN572B LED24S/830 DIA-VLC-E C WH | (0.43, 0.40) SDCM <2 |
| 97083300 | DN572B LED24S/840 DIA-VLC-E C WH | (0.38, 0.38) SDCM <2 |

Application Conditions

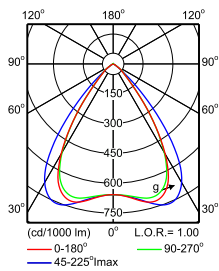
| Order Code | Full Product Name | Maximum dim level |
|------------|----------------------------------|-------------------|
| 97073400 | DN572B LED12S/840 PSU-E C WH | - |
| 97074100 | DN572B LED12S/830 DIA-VLC-E C WH | 1% |
| 97075800 | DN572B LED12S/840 DIA-VLC-E C WH | 1% |
| 97076500 | DN572B LED20S/830 PSU-E C WH | - |
| 97077200 | DN572B LED20S/840 PSU-E C WH | - |
| 97078900 | DN572B LED20S/830 DIA-VLC-E C WH | 1% |

| Order Code | Full Product Name | Maximum dim level |
|------------|----------------------------------|-------------------|
| 97079600 | DN572B LED20S/840 DIA-VLC-E C WH | 1% |
| 97080200 | DN572B LED24S/830 PSU-E C WH | - |
| 97081900 | DN572B LED24S/840 PSU-E C WH | - |
| 97082600 | DN572B LED24S/830 DIA-VLC-E C WH | 1% |
| 97083300 | DN572B LED24S/840 DIA-VLC-E C WH | 1% |

Polar Wide Diagrams



IFPS_DN572B PSE-E 1xLED12S/830 C-Polar
Normal (separate)



IFPS_DN572B PSE-E 1xLED24S/830 C-Polar
Normal (separate)

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