



LuxSpace, recessed

DN570B LED20S/830 PSE-E RML C CR

LUXSPACE 2 COMPACT LOW HEIGHT - LED Module, system flux 2000 lm - 830 warm white - Power supply unit external, DC compatible for central emergency lighting - Rimless housing - High-gloss mirror - Chrome

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.

Product data

| General Information | |
|-------------------------------|---|
| Number of light sources | 1 [1 pc] |
| Lamp family code | LED20S [LED Module, system flux 2000 lm] |
| Light source colour | 830 warm white |
| Cap base | - [-] |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Gear | - |
| Driver/power unit/transformer | PSE-E [Power supply unit external, DC compatible for central emergency lighting] |
| Driver included | Yes |
| Optic type | C [High-gloss mirror] |
| Optical cover/lens type | No [-] |

| | |
|-----------------------------|--|
| Luminaire light beam spread | 80° |
| Emergency lighting | No [-] |
| Connection | Push-in connector and pull relief |
| Cable | - |
| Protection class IEC | Safety class II |
| Glow-wire test | Temperature 850 °C, duration 5 s |
| Flammability mark | F [For mounting on normally flammable surfaces] |
| CE mark | CE mark |
| ENEC mark | ENEC mark |
| UL mark | No |
| Warranty period | 5 years |
| Decorative accessories | No [-] |

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| | |
|---------------------------|---|
| Remarks | *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value. |
| Constant light output | No |
| Number of products on MCB | 32 |
| RoHS mark | - |
| Product Family Code | DN570B [LUXSPACE 2 COMPACT LOW HEIGHT] |
| Unified glare rating CEN | 22 |

Light Technical

| | |
|-----------------------------------|--------|
| Optical cover/lens type accessory | No [-] |
|-----------------------------------|--------|

Operating and Electrical

| | |
|---------------------|--------------|
| Input voltage | 220 to 240 V |
| Input frequency | 50 to 60 Hz |
| Inrush current | 18 A |
| Inrush time | 0.24 ms |
| Power factor (min.) | 0.9 |

Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and Housing

| | |
|-----------------------------|--------------------------------|
| Housing configuration | RML [Rimless housing] |
| Housing material | Aluminium die-cast |
| Reflector material | Polycarbonate aluminium coated |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material | Steel |
| Optical cover/lens finish | Frosted |
| Overall height | 96.5 mm |
| Overall diameter | 214 mm |
| Colour | Chrome |

Approval and Application

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

Initial Performance (IEC Compliant)

| | |
|--------------------------------|----------------------|
| Initial luminous flux | 2200 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 116 lm/W |
| Init. Corr. colour temperature | 3000 K |
| Init. colour rendering index | >80 |
| Initial chromaticity | (0.43, 0.40) SDCM <3 |
| Initial input power | 19 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

| | |
|---|-----|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h | L90 |

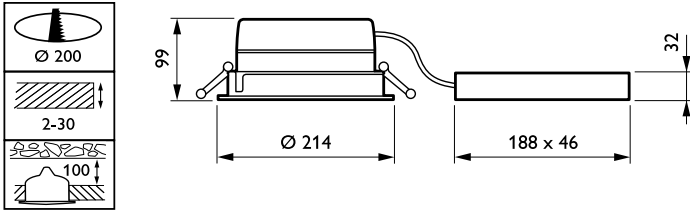
Application Conditions

| | |
|------------------------------------|---------------|
| Ambient temperature range | +10 to +25 °C |
| Performance ambient temperature Tq | 25 °C |

Product Data

| | |
|---------------------------------|----------------------------------|
| Full product code | 871829193064800 |
| Order product name | DN570B LED20S/830 PSE-E RML C CR |
| EAN/UPC – product | 8718291930648 |
| Order code | 93064800 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 1 |
| Material no. (12NC) | 910503588815 |
| Net weight (piece) | 0.880 kg |

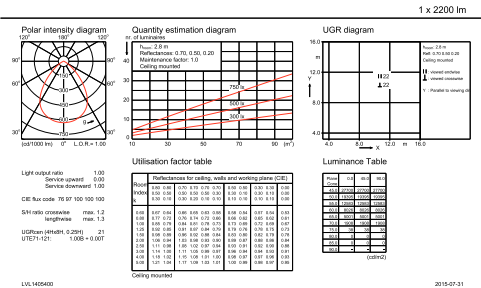
Dimensional drawing



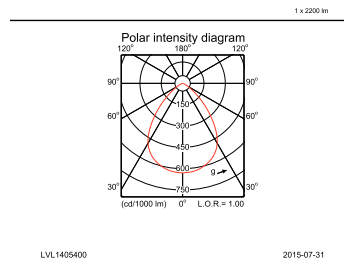
LuxSpace gen2 DN570B-DN572B

Photometric data

DN570B PSE-E 1xLED20S/830 C



DN570B PSE-E 1xLED20S/830 C



IFGU1_DN570B PSE-E 1xLED20S830 C.EPS

IFPC1_DN570B PSE-E 1xLED20S830 C.EPS

