# LuxSpace, recessed

## DN570B LED40S/830 PSU-E F WH

LUXSPACE 2 COMPACT LOW HEIGHT, LED module, system flux 4000 lm, 830 warm white, Power supply unit DC compatible, external, Facetted reflector, White RAL 9003

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

| | |
|---|---|
| Lamp family code | LED40S [LED module, system flux 4000 lm] |
| Cap-Base | - [-] |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Gear | – |
| Driver included | Yes |
| 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. |

| | |
|---|---|
| Product family code | DN570B [LUXSPACE 2 COMPACT LOW HEIGHT] |
| Lighting Technology | LED |
| Value ladder | Specification |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | For mounting on normally flammable surfaces |
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 850 °C, duration 5 s |
| EU RoHS compliant | No |

### Light Technical

| | |
|---|---|
| Luminous Flux | 4,200 lm |

# LuxSpace, recessed

| | | | |
|---|---|---|---|
| Correlated Color Temperature (Nom) | 3000 K | Overall height | 96.5 mm |
| Luminous Efficacy (rated) (Nom) | 124 lm/W | Overall diameter | 214 mm |
| Color rendering index (CRI) | >80 | | |
| Number of light sources | 1 | | |

## Approval and Application

| | | | |
|---|---|---|---|
| Light source color | 830 warm white | Ingress protection code | IP20 [Finger-protected] |
| Optic type | Facetted reflector | Mech. impact protection code | IK02 [0.2 J standard] |
| Optical cover type | – | Protection class IEC | Safety class II |
| Luminaire light beam spread | 80° | | |
| Unified glare rating CEN | 25 | | |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.43, 0.40) SDCM≤2 |
| Power consumption tolerance | +/-10% |

## Operating and Electrical

| | |
|---|---|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 14.5 A |
| Inrush time | 0.220 ms |
| Power Consumption | 34 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector and pull relief |
| Cable | – |
| Number of products on MCB of 16 A type B | 32 |

## Over Time Performance (IEC Compliant)

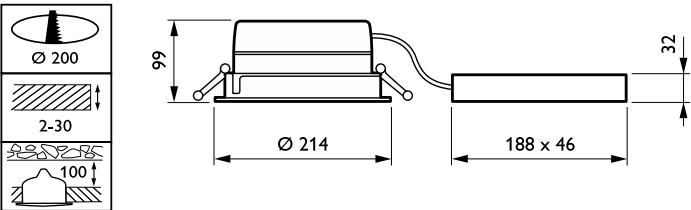| | |
|---|---|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h | L90 |
| Lumen maintenance at median useful life* 100000 h | L80 |

## Application Conditions

| | |
|---|---|
| Performance ambient temperature Tq | 25 ℃ |
| Suitable for random switching | Yes |

## Temperature

| | |
|---|---|
| Ambient temperature range | +10 to +25 ℃ |

## Controls and Dimming

| | |
|---|---|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit DC compatible, external |
| Constant light output | No |

## Product Data

| | |
|---|---|
| Order product name | DN570B LED40S/830 PSU-E F WH |
| Full product name | DN570B LED40S/830 PSU-E F WH |
| Full product code | 871829194124800 |
| Order code | 94124800 |
| Material Nr. (12NC) | 910503706639 |
| Numerator – Quantity Per Pack | 1 |
| EAN/UPC – Product/Case | 8718291941248 |
| Numerator – Packs per outer box | 1 |
| EAN/UPC – Case | 8718291941248 |

## Mechanical and Housing

| | |
|---|---|
| Housing Material | Aluminum die cast |
| Reflector material | Polycarbonate aluminum coated |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | Steel |
| Housing Color | White RAL 9003 |
| Optical cover finish | Frosted |

## Dimensional drawing



Ø 200
2-30
100
96
Ø 214
188 x 46
32