



LuxSpace PoE

DN571B LED24S/840 POE-E C WH

LuxSpace PoE, 18.4 W, D200 mm, 2600 lumen, 4000 K, Power over Ethernet, UGR19, High-gloss reflector, IP20

With Power-over-Ethernet (PoE) technology, LuxSpace PoE receives power and data over a single standard Ethernet cable, eliminating the need for separate power cabling. With the simple click of a connector, LuxSpace PoE luminaires become part of a complete, integrated connected lighting system, delivering extraordinary illumination experiences and value beyond illumination. A built-in lighting and control system gives office users personal control over their preferred light settings via a specially designed smartphone app. With integrated sensors, LuxSpace PoE luminaires can track activity patterns, daylight levels, and in the near future humidity, CO2, temperature, or other data. This data allows facility managers to gain deep insight into building operations, helping them optimize the delivery of resources, enhance the experience and performance of occupants, and support improved asset management.

Product data

| General Information | | Flammability mark | |
|--------------------------|----------------------------------|---|----------------------------------|
| Light source replaceable | No | For mounting on normally flammable surfaces | |
| Number of gear units | 1 unit | ENEC mark | - |
| Driver included | Yes | Glow-wire test | Temperature 850 °C, duration 5 s |
| Service tag | Yes | EU RoHS compliant | Yes |
| Product family code | DN571B [LUXSPACE 2 COMPACT DEEP] | Light Technical | |
| Lighting Technology | LED | Luminous Flux | 2,600 lumen |
| Value ladder | Specification | Correlated Color Temperature (Nom) | 4000 K |
| CE mark | Yes | Luminous Efficacy (rated) (Nom) | 141 lm/W |
| Warranty period | 5 years | Color rendering index (CRI) | >80 |

LuxSpace PoE

| | |
|-----------------------------|-------------------|
| Light source color | 840 neutral white |
| Optic type | - |
| Luminaire light beam spread | 75° |
| Unified glare rating CEN | 19 |

Operating and Electrical

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|--|-----------------------------------|
| Line Frequency | 50 to 60 Hz |
| Input Voltage | 48 to 54 V |
| Inrush current | 16 A |
| Inrush time | 0.195 ms |
| Power Consumption | 18.4 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector and pull relief |
| Cable | - |
| Number of products on MCB of 16 A type B | 24 |

Temperature

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

Controls and Dimming

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|-------------------------------|---|
| Dimmable | Yes |
| Driver/power unit/transformer | Luminaire controller with power over Ethernet |
| Control interface | Power over Ethernet |
| Constant light output | No |

Mechanical and Housing

| | |
|-----------------------------|-------------------------------|
| Housing Material | Aluminum die cast |
| Reflector material | Polycarbonate aluminum coated |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material | Steel |
| Housing Color | White |
| Optical cover/lens finish | - |
| Reflector Finish | High-gloss reflector |
| Overall height | 119 mm |

| | |
|------------------|--------|
| Overall diameter | 214 mm |
|------------------|--------|

Approval and Application

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|------------------------------|-------------------------|
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Sustainability rating | - |
| Protection class IEC | Safety class II |

Initial Performance (IEC Compliant)

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|-----------------------------|----------------------|
| Initial chromaticity | (0.38, 0.38) SDCM <2 |
| Luminous flux tolerance | +/-10% |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

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

Application Conditions

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|------------------------------------|-------|
| Maximum dim level | 1% |
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching | Yes |

Product Data

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|---------------------------------|------------------------------|
| Full product code | 871869997067300 |
| Order product name | DN571B LED24S/840 POE-E C WH |
| Order code | 910505100938 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 910505100938 |
| Full product name | DN571B LED24S/840 POE-E C WH |
| EAN/UPC - Case | 8718699970673 |
| EAN/UPC - Product/Case | 8718699970673 |

Dimensional drawing



