



# GreenSpace

## DN470T LED20S/840 DIA-VLC D22H16 5C6 BK

GreenSpace, Track-mounted, 16.2 W, D218 mm, 2300 lm, 4000 K, DALI, Interact Ready, High-gloss reflector, VLC, IP20

GreenSpace is a perfect solution where customers want to strike the ideal balance between their initial investment and the cost of the installation during its lifetime while they are covering multiple applications. GreenSpace features the latest LED technology which enables extremely low power consumption. With its perfect fit you'll get the LED downlight that always fits and looks perfect at the same time. This perfect fit is available for cut out sizes from 150 to 280 mm. GreenSpace is designed for Circular Economy with optimized performance, extended lifetime through upgradability and integration options, ease of customization, recycling and disassembly. Housing and rim are made from production waste of polycarbonate sheets that are retrieved from swimming pools, car ports and illuminated advertising. And the product's long lifetime makes it a true 'fit and forget' solution.

### Product data

| General Information      |  | Flammability mark                           |  |
|--------------------------|--|---|--|
| Lamp family code         | LED20S [LED Module, system flux 2000 lm] | For mounting on normally flammable surfaces |  |
| Light source replaceable | No                                       | ENEC mark                                   |  |
| Number of gear units     | 1 unit                                   | Glow-wire test                              |  |
| Driver included          | Yes                                      | Temperature 650 °C, duration 5 s            |  |
| Connectivity             | Interact Ready                           | EU RoHS compliant                           |  |
| Lighting Technology      | LED                                      | Yes   |  |
| Value ladder             | Specification                            | Light Technical                             |  |
| CE mark                  | Yes                                      | Luminous Flux                               |  |
| Warranty period          | 5 years                                  | 2,300 lm                                    |  |
|                          |  | Saturated Red (R9)                          |  |
|                          |  | <50   |  |
|                          |  | Correlated Color Temperature (Nom)          |  |
|                          |  | 4000 K                                      |  |
|                          |  | Luminous Efficacy (rated) (Nom)             |  |
|                          |  | 140 lm/W                                    |  |
|                          |  | Color rendering index (CRI)                 |  |
|                          |  | >80   |  |

|   |                   |
|---|-------------------|
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1                 |
| Stroboscopic effect visibility measure (SVM)                    | 0.4               |
| Number of light sources   | 1                 |
| Beam angle of light source                                      | 120 degree(s)     |
| Light source color  | 840 neutral white |
| Optic type  | -                 |
| Luminaire light beam spread                                     | 120°              |
| Unified glare rating CEN  | 22                |

Operating and Electrical

|  |                        |
|--|------------------------|
| Input Voltage                            | 220 to 240 V           |
| Line Frequency                           | 50 to 60 Hz            |
| Initial CLO power consumption            | - W                    |
| Average CLO power consumption            | - W                    |
| Inrush current                           | 20.4 A                 |
| Inrush time                              | 0.195 ms               |
| Power Consumption                        | 16.2 W                 |
| Power Factor (Fraction)                  | 0.9                    |
| Connection                               | Connection unit 5-pole |
| Cable                                    | -                      |
| Number of products on MCB of 16 A type B | 24                     |

Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | +10 to +40 °C |
|---------------------------|---------------|

Controls and Dimming

|                               |  |
|-------------------------------|--|
| Dimmable                      | No   |
| Driver/power unit/transformer | Dali dimming Interact System ready visual light communicaton enabled |
| Control interface             | DALI   |
| Constant light output         | No   |

Mechanical and Housing

|                        |                               |
|------------------------|-------------------------------|
| Housing Material       | Polycarbonate                 |
| Reflector material     | Polycarbonate aluminum coated |
| Optic material         | -                             |
| Optical cover material | -                             |
| Fixation material      | -                             |
| Housing Color          | Black                         |
| Optical cover finish   | -                             |
| Reflector Finish       | High-gloss reflector          |
| Overall height         | 157 mm                        |
| Overall diameter       | 218 mm                        |

Approval and Application

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

Initial Performance (IEC Compliant)

|                             |                     |
|-----------------------------|---------------------|
| Luminous flux tolerance     | +/-10%              |
| Initial chromaticity        | (0.38, 0.38) SDCM<3 |
| Power consumption tolerance | +/-10%              |

Over Time Performance (IEC Compliant)

|   |     |
|---|-----|
| Driver failure rate at 5000 h                           | 1 % |
| Control gear failure rate at median useful life 50000 h | 1 % |
| Lumen maintenance at median useful life* 35000 h        | -   |
| Lumen maintenance at median useful life* 50000 h        | L90 |
| Lumen maintenance at median useful life* 75000 h        | -   |
| Lumen maintenance at median useful life* 100000 h       | L80 |

Application Conditions

|                                    |       |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level                  | 1%    |
| Suitable for random switching      | No    |

Product Data

|                                 |   |
|---------------------------------|---|
| Order product name              | DN470T LED20S/840 DIA-VLC D22H16 5C6 BK |
| Full product name               | DN470T LED20S/840 DIA-VLC D22H16 5C6 BK |
| Full product code               | 871869938950500                         |
| Order code                      | 912500100270                            |
| Material Nr. (12NC)             | 912500100270                            |
| Numerator - Quantity Per Pack   | 1                                       |
| EAN/UPC - Product/Case          | 8718699389505                           |
| Numerator - Packs per outer box | 1                                       |
| EAN/UPC - Case                  | 8718699389505                           |

Dimensional drawing

