



# **GreenSpace**

### DN470T LED20S/840 PSU D22H16 3C GR

GreenSpace, 19.2 W, 2225 lm, 4000 K

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      |                                      |
|--------------------------|--------------------------------------|
| Lamp family code         | LED20S [LED Module, system flux 2000 |
|                          | lm]                                  |
| Cap-Base                 | - [-]                                |
| Light source replaceable | No                                   |
| Number of gear units     | 1 unit                               |
| Driver included          | Yes                                  |
| 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 650 °C, duration 5 s |
|------------------------------------|----------------------------------|
| EU RoHS compliant                  | Yes                              |
|                                    |                                  |
| Light Technical                    |                                  |
| Luminous Flux                      | 2,225 lm                         |
| Correlated Color Temperature (Nom) | 4000 K                           |
| Luminous Efficacy (rated) (Nom)    | 116 lm/W                         |
| Color rendering index (CRI)        | >80                              |
| Number of light sources            | 1                                |
| Light source color                 | 840 neutral white                |
| Optic type                         | -                                |
| Luminaire light beam spread        | 88°                              |
| Unified glare rating CEN           | 22                               |

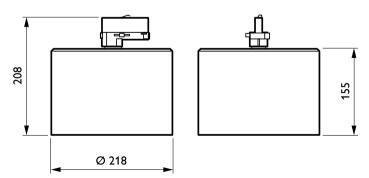
Datasheet, 2023, September 4 data subject to change

# GreenSpace

| Operating and Electrical                 |                               |
|--|-------------------------------|
| Input Voltage                            | 220 to 240 V                  |
| Line Frequency                           | 50 to 60 Hz                   |
| Inrush current                           | 18 A                          |
| Inrush time                              | 0.250 ms                      |
| Power Consumption                        | 19.2 W                        |
| Power Factor (Fraction)                  | 0.90                          |
| Connection                               | Connection unit 3-pole        |
| Cable                                    | -                             |
| Number of products on MCB of 16 A type B | 34                            |
|  |                               |
| Temperature                              |                               |
| Ambient temperature range                | +10 to +40 °C                 |
|  |                               |
| Controls and Dimming                     |                               |
| Dimmable                                 | No                            |
| Driver/power unit/transformer            | Power supply unit (On/Off)    |
| Constant light output                    | No                            |
|  |                               |
| Mechanical and Housing                   |                               |
| Housing Material                         | Plastic                       |
| Reflector material                       | Polycarbonate aluminum coated |
| Optic material                           | -                             |
| Optical cover material                   | -                             |
| Fixation material                        | -                             |
| Housing Color                            | Grey                          |
| Optical cover finish                     | -                             |
| Overall height                           | 208 mm                        |
| Overall diameter                         | 218 mm                        |
|  |                               |
| Approval and Application                 |                               |
| Ingress protection code                  | IP20 [Finger-protected]       |
| Mech. impact protection code             | IKO2 [0.2 J standard]         |
|  |                               |

| 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 | . 5%                               |  |
| 50000 h   |                                    |  |
| Lumen maintenance at median useful life*        | L90                                |  |
| 50000 h   |                                    |  |
| Lumen maintenance at median useful life*        | L80                                |  |
| 100000 h  |                                    |  |
|   |                                    |  |
| Application Conditions                          |                                    |  |
| Performance ambient temperature Tq              | 25 °C                              |  |
| Suitable for random switching                   | Not applicable                     |  |
|   |                                    |  |
| Product Data                                    |                                    |  |
| Order product name                              | DN470T LED20S/840 PSU D22H16 3C GR |  |
| Full product name                               | DN470T LED20S/840 PSU D22H16 3C GR |  |
| Full product code                               | 871869938956700                    |  |
| Order code                                      | 912500100276                       |  |
| Material Nr. (12NC)                             | 912500100276                       |  |
| Numerator - Quantity Per Pack                   | 1                                  |  |
| EAN/UPC - Product/Case                          | 8718699389567                      |  |
| Numerator - Packs per outer box                 | 1                                  |  |
| EAN/UPC - Case                                  | 8718699389567                      |  |
|   |                                    |  |

#### Dimensional drawing



## **GreenSpace**



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