



# GreenSpace Downlight G4

## DN470T LED20S/840 PSED D22H16 5C6 GR

LED Module, system flux 2000 lm - 840 neutral white - Power supply unit with DALI interface - - - - - Connection unit 5-pole - Finger-protected - Grey - 217 mm

GreenSpace Gen4 is the new LED downlight with high efficacy (95~ 100lm/W) delivering substantial energy saving. It offers diverse configurations within 600~2,000lm. GreenSpace Gen4 could apply to shopping mall, retail store and office application with different variants . The lifetime is 50,000 hours (L70 @ 25C)

### Product data

| General Information           |  |                           |  |
|-------------------------------|--|---------------------------|--|
| Number of light sources       | 1 [ 1 pc]                                    | Connection                | Connection unit 5-pole                           |
| Lamp family code              | LED20S [ LED Module, system flux 2000 lm]    | Cable                     | -  |
| Light source colour           | 840 neutral white                            | Protection class IEC      | Safety class II                                  |
| Cap base                      | - [ -]                                       | Glow-wire test            | Temperature 650 °C, duration 5 s                 |
| Light source replaceable      | No   | Flammability mark         | F [ For mounting on normally flammable surfaces] |
| Number of gear units          | 1 unit                                       | CE mark                   | CE mark  |
| Driver/power unit/transformer | PSD [ Power supply unit with DALI interface] | Warranty period           | 5 years  |
| Driver included               | Yes  | Constant light output     | No   |
| Optic type                    | No [ -]                                      | Number of products on MCB | 24   |
| Luminaire light beam spread   | 88°  | RoHS mark                 | RoHS mark  |
| Emergency lighting            | No [ -]                                      | Accessory PFC             | false  |
| Control interface             | DALI   | Unified glare rating CEN  | 22   |

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## Operating and Electrical

|                        |                |
|------------------------|----------------|
| Input voltage          | 220 to 240 V   |
| Input frequency        | 50 to 60 Hz    |
| Control signal voltage | 0-16 V DC DALI |
| Inrush current         | 20.4 A         |
| Inrush time            | 0.195 ms       |
| Power factor (min.)    | 0.90           |

## Controls and Dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

## Mechanical and Housing

|                           |         |
|---------------------------|---------|
| Housing material          | Plastic |
| Optic material            | -       |
| Fixation material         | -       |
| Optical cover/lens finish | Clear   |
| Overall height            | 208 mm  |
| Overall diameter          | 218 mm  |
| Diameter                  | 217 mm  |
| Colour                    | Grey    |

## 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          | 2225 lm  |
| Luminous flux tolerance        | +/-10%   |
| Initial LED luminaire efficacy | 116 lm/W |
| Init. Corr. colour temperature | 4000 K   |

|                              |                        |
|------------------------------|------------------------|
| Init. colour rendering index | >80                    |
| Initial chromaticity         | (0.38, 0.38) SDCM <3.5 |
| Initial input power          | 19.2 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        | L80 |

## Application Conditions

|                                    |               |
|------------------------------------|---------------|
| Ambient temperature range          | +10 to +40 °C |
| Performance ambient temperature Tq | 25 °C         |
| Maximum dimming level              | 1%            |

## Product Data

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Full product code               | 871869938958100                      |
| Order product name              | DN470T LED20S/840 PSED D22H16 5C6 GR |
| EAN/UPC – product               | 8718699389581                        |
| Order code                      | 38958100                             |
| Numerator – quantity per pack   | 1                                    |
| Numerator – packs per outer box | 1                                    |
| Material no. (12NC)             | 912500100278                         |
| Net weight (piece)              | 1.300 kg                             |

