![Philips Lighting logo]

# GreenSpace Downlight G4

## DN470T LED20S/830 PSU D22H16 3C WH

LED Module, system flux 2000 lm – 830 warm white – Power supply unit – – – – – Connection unit 3-pole – Finger-protected – White – 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 pc |
| Lamp family code | LED20S [ LED Module, system flux 2000 lm] |
| Light source color | 830 warm white |
| Cap-Base | – [ –] |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver/power unit/transformer | Power supply unit |
| Driver included | Yes |
| Optic type | – |
| Luminaire light beam spread | 88° |
| Emergency lighting | – |
| Connection | Connection unit 3-pole |
| Cable | – |

| | |
|---|---|
| Protection class IEC | Safety class II |
| Glow-wire test | Temperature 650 °C, duration 5 s |
| Flammability mark | For mounting on normally flammable surfaces |
| CE mark | CE mark |
| Warranty period | 5 years |
| Constant light output | No |
| Number of products on MCB of 16 A type B | 34 |
| RoHS mark | RoHS mark |
| Accessory PFC | false |
| Unified glare rating CEN | 22 |

### Operating and Electrical

| | |
|---|---|
| Input Voltage | 220 to 240 V |
| Input Frequency | 50 to 60 Hz |

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| | |
|---|---|
| Inrush current | 18 A |
| Inrush time | 0.250 ms |
| Power Factor (Min) | 0.90 |

## Controls and Dimming

| | |
|---|---|
| Dimmable | No |

## 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 |

## 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 (system flux) | 2100 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 110 lm/W |
| Init. Corr. Color Temperature | 3000 K |
| Init. Color Rendering Index | >80 |

| | |
|---|---|
| Initial chromaticity | (0.43, 0.40) SDCM<3.5 |
| Initial input power | 19.2 W |
| Power consumption tolerance | +/-10% |

## Over Time Performance (IEC Compliant)

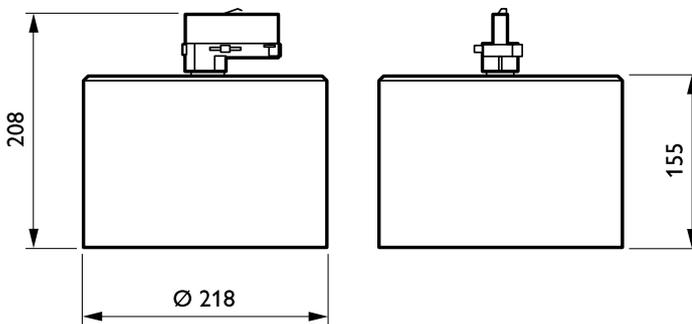| | |
|---|---|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h | L80 |

## Application Conditions

| | |
|---|---|
| Ambient temperature range | +10 to +40 ℃ |
| Performance ambient temperature Tq | 25 ℃ |

## Product Data

| | |
|---|---|
| Full product code | 871869938951200 |
| Order product name | DN470T LED20S/830 PSU D22H16 3C WH |
| EAN/UPC – Product | 8718699389512 |
| Order code | 912500100271 |
| Numerator – Quantity Per Pack | 1 |
| Numerator – Packs per outer box | 1 |
| Material Nr. (12NC) | 912500100271 |
| Net Weight (Piece) | 1.300 kg |

F  650°C  IP 20  IK 02

# Dimensional drawing



**GreenSpace gen2 DN460B-DN473B**

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