



# LuxSpace CN

## DN499 1xDLED-4000 PSD-E M WH

Power supply unit with DALI interface, Matt mirror, Black and white, Cable with plug

LuxSpace Gen3 is the new LED downlight with extremely high efficacy(up to 100lm/W) delivering substantial energy saving. It adopts a brand-new LED platform and optical technology for visual comfort. It has the wide portfolio with multiple lumen and dimension options and is designed with DALI and IP54 (only front side) versions for various applications

#### Warnings and Safety

- 1. The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements.
- 2.For indoor use at room temperature
- 3.When cleaning the product, please use dry soft cotton cloth only
- 4.Don't switch on before complete installation
- 5.If the power cord gets damaged within the warranty period, please have it replaced by Philips nominated dealer
- 6. The luminaire shall, under no circumstances be covered or abutted with building insulation or be installed in a residential installation
- 7.Do not hot swap! LED heat sink module must not be disconnected with line power on failure. To do so may damage the product
- 8.Luminaire must not be used or stored in corrosive environment where hazardous material such as Sulphur, Chlorine, Phthalates, etc, are present

#### **Product data**

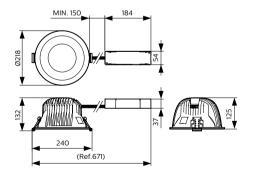
| General Information      |         | Glow-wire test                     | Temperature 750 °C, duration 5 s |
|--------------------------|---------|------------------------------------|----------------------------------|
| Light source replaceable | No      |                                    |                                  |
| Number of gear units     | 1 unit  | Light Technical                    |                                  |
| Driver included          | Yes     | Luminous Flux                      | 2,000 lumen                      |
| Warranty period          | 3 years | Correlated Color Temperature (Nom) | 4000 K                           |
|                          |         | Luminous Efficacy (rated) (Nom)    | 90.9 lm/W                        |

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| Color rendering index (CRI)  | >80  |  |
|--|--|--|
| Light source color   | 840 neutral white  |  |
| Optic type   | Matt mirror  |  |
| Luminaire light beam spread  | 60°  |  |
|  |  |  |
| Operating and Electrical   |  |  |
| Input Voltage  | 220-240 V  |  |
| Line Frequency   | 50 or 60 Hz  |  |
| Inrush current   | 20 A   |  |
| Inrush time  | 0.15 ms  |  |
| Power Consumption  | 22 W   |  |
| Power Factor (Fraction)  | 0.9  |  |
| Cable  | Cable with plug  |  |
| Number of products on MCB of 16 A type B   | 30   |  |
|  |  |  |
| Temperature  |  |  |
| Ambient temperature range  | -20 to +40 °C  |  |
|  |  |  |
| Controls and Dimming   |  |  |
| Dimmable   | Yes  |  |
|  | 165  |  |
| Driver/power unit/transformer  | Power supply unit with DALI interface  |  |
| Driver/power unit/transformer<br>Control interface   |  |  |
|  | Power supply unit with DALI interface  |  |
| Control interface  | Power supply unit with DALI interface  |  |
| Control interface  | Power supply unit with DALI interface  |  |
| Control interface<br>Constant light output   | Power supply unit with DALI interface  |  |
| Control interface<br>Constant light output<br>Mechanical and Housing   | Power supply unit with DALI interface<br>DALI<br>No                                    |  |
| Control interface<br>Constant light output<br>Mechanical and Housing<br>Housing Material   | Power supply unit with DALI interface DALI No Aluminum die cast                        |  |
| Control interface<br>Constant light output<br>Mechanical and Housing<br>Housing Material<br>Reflector material                   | Power supply unit with DALI interface<br>DALI<br>No<br>Aluminum die cast<br>Aluminum   |  |
| Control interface<br>Constant light output<br>Mechanical and Housing<br>Housing Material<br>Reflector material<br>Optic material | Power supply unit with DALI interface DALI No Aluminum die cast Aluminum Polycarbonate |  |

| Approval and Application            |                              |  |
|-------------------------------------|------------------------------|--|
| Ingress protection code             | IP20 [Finger-protected]      |  |
| Mech. impact protection code        | IK02 [0.2 J standard]        |  |
| Protection class IEC                | Safety class II              |  |
|                                     |                              |  |
| Initial Performance (IEC Compliant) |                              |  |
| Luminous flux tolerance             | +/-7.5%                      |  |
| Initial chromaticity                | (0.38, 0.38) SDCM <3         |  |
| Power consumption tolerance         | +/-10%                       |  |
|                                     |                              |  |
| Over Time Performance (IEC Complia  | ant)                         |  |
| Driver failure rate at 5000 h       | 1.00 %                       |  |
| Median useful life L70B50           | 50,000 hour(s)               |  |
| Median useful life L80B50           | 40,000 hour(s)               |  |
| Median useful life L90B50           | 20,000 hour(s)               |  |
| Application Conditions              |                              |  |
| Application Conditions              |                              |  |
| Maximum dim level                   | 0% (digital)                 |  |
| Suitable for random switching       | No                           |  |
| Product Data                        |                              |  |
| Full product code                   | 911401701412                 |  |
| Order product name                  | DN499 1xDLED-4000 PSD-E M WH |  |
| Order code                          | 911401701412                 |  |
| Numerator - Quantity Per Pack       | 1                            |  |
| Numerator - Packs per outer box     | 1                            |  |
| Material Nr. (12NC)                 | 911401701412                 |  |
| Full product name                   | DN499 1xDLED-4000 PSD-E M WH |  |
|                                     |                              |  |

#### Dimensional drawing



### LuxSpace CN



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