



# SmartBright Pro Downlight gen2

## DN068B G2 LED4/840 PSU D75

SmartBright Pro Downlight gen2, 3.8 W, 400 lm, 4000 K, Beam angle 110°, Textured, IP20(IP44 front)

The SmartBright Pro Downlight comes offering reliable lighting performance with recessed installation, suitable for diversified applications. Full cut out size from D75 to D200, full CCT range covering 3000K, 4000K and 6500K, lumen output covers 400lm to 2000lm, eye comfort experience with low flicker lighting can attract you more with its elegant design.

### Product data

| General Information                |                   | Optic type                               | Beam angle 110°                               |
|------------------------------------|-------------------|--|---|
| Number of gear units               | 1 unit            | Luminaire light beam spread              | 110°  |
| Gear                               | EB [Electronic]   | Unified glare rating CEN                 | 32  |
| Driver included                    | Yes               | <b>Operating and Electrical</b>          |   |
| Light source engine type           | LED               | Input Voltage                            | 220 to 240 V                                  |
| Value ladder                       | Value             | Line Frequency                           | 50 or 60 Hz                                   |
| Warranty period                    | 3 years           | Power Consumption                        | 3.8 W   |
| <b>Light Technical</b>             |                   | Power Factor (Fraction)                  | 0.9   |
| Luminous Flux                      | 400 lm            | Connection                               | Flying leads/wires                            |
| Correlated Color Temperature (Nom) | 4000 K            | Cable                                    | 2×0.75mm <sup>2</sup> Cable 0.1m without plug |
| Luminous Efficacy (rated) (Nom)    | 105 lm/W          | Number of products on MCB of 16 A type B | -   |
| Color rendering index (CRI)        | 80                | Suitable for random switching            | No  |
| Number of light sources            | 1                 | Protection class IEC                     | Safety class II                               |
| Beam angle of light source         | 110 degree(s)     |  |   |
| Light source color                 | 840 neutral white |  |   |

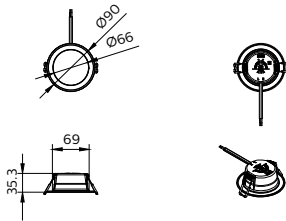
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| Controls and Dimming         |   |
|------------------------------|---|
| Dimmable                     | -   |
| Control interface            | -   |
| Maximum dim level            | Not applicable                              |
| Mechanical and Housing       |   |
| Housing Material             | Polycarbonate                               |
| Reflector material           | -   |
| Optic material               | Polycarbonate                               |
| Optical cover material       | Polycarbonate                               |
| Housing Color                | White                                       |
| Mounting device              | Recessed mounting box round                 |
| Optical cover finish         | Textured                                    |
| Overall height               | 35 mm                                       |
| Overall diameter             | 90 mm                                       |
| Ingress protection code      | IP20(IP44 front)                            |
| Mech. impact protection code | IK03 [0.3 J]                                |
| Optical cover type           | Polycarbonate micro lens optic              |
| Net Weight (Piece)           | 0.050 kg                                    |
| Approval and Application     |   |
| Glow-wire test               | Temperature 650 °C, duration 30 s           |
| Flammability mark            | For mounting on normally flammable surfaces |
| CE mark                      | No  |

| ENEC mark                           | -   |
|-------------------------------------|---|
| Photobiological risk                | Photobiological risk group 0 @ 200mm to EN62471 |
| Photobiological risk specification  | 0.2 m   |
| EU RoHS compliant                   | Yes   |
| Performance ambient temperature Tq  | 25 °C   |
| Ambient temperature range           | -20 to +40 °C                                   |
| Initial Performance (IEC Compliant) |   |
| Luminous flux tolerance             | +/-10%  |
| Initial chromaticity                | (0.38, 0.38) SDCM≤6                             |
| Power consumption tolerance         | +/-10%  |

| Product Data                    |                            |
|---------------------------------|----------------------------|
| Order product name              | DN068B G2 LED4/840 PSU D75 |
| Full product name               | DN068B G2 LED4/840 PSU D75 |
| Full product code               | 872110330215199            |
| Order code                      | 30215199                   |
| Material Nr. (12NC)             | 911401861387               |
| Numerator - Quantity Per Pack   | 1                          |
| EAN/UPC - Product/Case          | 8721103302151              |
| Numerator - Packs per outer box | 40                         |
| EAN/UPC - Case                  | 8721103302427              |

## Dimensional drawing



DN068B D75

