PHILIPS

Lighting

# SmartBright Pro Downlight gen2

## DN068B G2 LED14/830 PSU D175

SmartBright Pro Downlight gen2, 14 W, 1524 lm, 3000 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 | |
|---|---|
| **Number of gear units** | 1 unit |
| **Gear** | EB [Electronic] |
| **Driver included** | Yes |
| **Light source engine type** | LED |
| **Value ladder** | Value |
| **Warranty period** | 3 years |

| Light Technical | |
|---|---|
| **Luminous Flux** | 1,524 lm |
| **Correlated Color Temperature (Nom)** | 3000 K |
| **Luminous Efficacy (rated) (Nom)** | 105 lm/W |
| **Color rendering index (CRI)** | 80 |
| **Number of light sources** | 1 |
| **Beam angle of light source** | 110 degree(s) |
| **Light source color** | 830 warm white |

| | |
|---|---|
| **Optic type** | Beam angle 110° |
| **Luminaire light beam spread** | 110° |
| **Unified glare rating CEN** | 32 |

| Operating and Electrical | |
|---|---|
| **Input Voltage** | 220 to 240 V |
| **Line Frequency** | 50 or 60 Hz |
| **Power Consumption** | 14 W |
| **Power Factor (Fraction)** | 0.9 |
| **Connection** | Flying leads/wires |
| **Cable** | 2×0.75mm² Cable 0.1m without plug |
| **Number of products on MCB of 16 A type B** | - |
| **Suitable for random switching** | No |
| **Protection class IEC** | Safety class II |

# SmartBright Pro Downlight gen2

| Controls and Dimming | |
|---|---|
| **Dimmable** | - |
| **Control interface** | - |
| **Maximum dim level** | Not applicable |

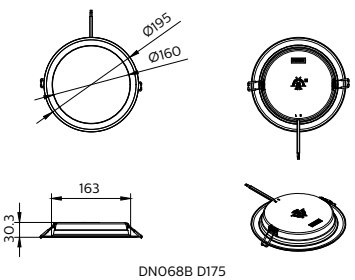
| Mechanical and Housing | |
|---|---|
| **Housing Material** | Polycarbonate |
| **Reflector material** | - |
| **Optic material** | Polycarbonate |
| **Optical cover material** | Polycarbonate |
| **Housing Color** | White |
| **Mounting device** | Recessed mounting box round |
| **Optical cover finish** | Textured |
| **Overall height** | 35 mm |
| **Overall diameter** | 195 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)** | 0.130 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** | (0.44, 0.40) SDCM≤6 |
| **Power consumption tolerance** | +/-10% |

| Product Data | |
|---|---|
| **Order product name** | DN068B G2 LED14/830 PSU D175 |
| **Full product name** | DN068B G2 LED14/830 PSU D175 |
| **Full product code** | 872110330235999 |
| **Order code** | 911401863387 |
| **Material Nr. (12NC)** | 911401863387 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8721103302359 |
| **Numerator - Packs per outer box** | 20 |
| **EAN/UPC - Case** | 8721103302625 |

## Dimensional drawing

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