



# Essential SmartBright LED Downlight

## DN027B LED12/WW D175 RD

Essential SmartBright G2 LED Downlight is value for money product with high efficacy, good quality and reliability. It offers multiple configurations from 300lm to 2000lm output, to replace conventional downlight. It can be used for shopping mall, retail store, residential and office. It's an ideal product family to distribute in trade market.

### Product data

| General Information                |                    |
|------------------------------------|--------------------|
| Light source replaceable           | No                 |
| Lighting Technology                | LED                |
| Warranty period                    | 1 years            |
| Light Technical                    |                    |
| Luminous Flux                      | 1,200 lm           |
| Correlated Color Temperature (Nom) | 3000 K             |
| Color rendering index (CRI)        | 80                 |
| Light source color                 | 3000/4000/6500     |
| Luminaire light beam spread        | 110°               |
| Operating and Electrical           |                    |
| Line Frequency                     | 50 or 60 Hz        |
| Input Frequency                    | 50 or 60 Hz        |
| Power Consumption                  | 15 W               |
| Power Factor (Fraction)            | 0.7                |
| Connection                         | Flying leads/wires |

| Temperature                         |                            |
|-------------------------------------|----------------------------|
| Ambient temperature range           | -20 to +40 °C              |
| Controls and Dimming                |                            |
| Dimmable                            | No                         |
| Driver/power unit/transformer       | Power supply unit (On/Off) |
| Mechanical and Housing              |                            |
| Housing Material                    | Plastic                    |
| Reflector material                  | Polycarbonate              |
| Optic material                      | Polycarbonate              |
| Housing Color                       | White                      |
| Overall length                      | 33 mm                      |
| Overall width                       | 33 mm                      |
| Overall height                      | 33 mm                      |
| Overall diameter                    | 200 mm                     |
| Dimensions (Height x Width x Depth) | 33 x 33 x 33 mm            |
| Approval and Application            |                            |
| Ingress protection code             | IP20 [Finger-protected]    |

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|                                     |                       |
|-------------------------------------|-----------------------|
| <b>Mech. impact protection code</b> | IK02 [0.2 J standard] |
| <b>Protection class IEC</b>         | Safety class II       |

### Initial Performance (IEC Compliant)

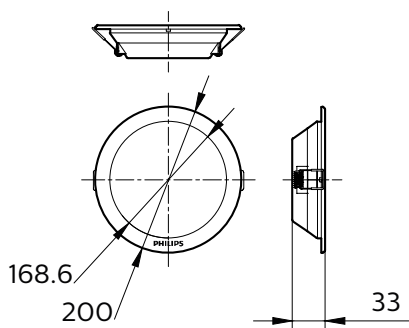
|                             |        |
|-----------------------------|--------|
| Initial chromaticity        | SDCM<5 |
| Power consumption tolerance | +/-10% |

## Product Data

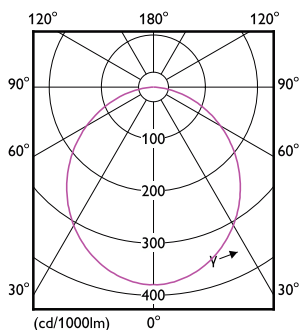
|                    |                         |
|--------------------|-------------------------|
| Order product name | DN027B LED12/WW D175 RD |
| Full product name  | DN027B LED12/WW D175 RD |

|                                 |               |
|---------------------------------|---------------|
| Full product code               | 911401812397  |
| Order code                      | 01812397      |
| Material Nr. (12NC)             | 911401812397  |
| Numerator - Quantity Per Pack   | 1             |
| EAN/UPC - Product/Case          | 8710163308890 |
| Numerator - Packs per outer box | 24            |
| EAN/UPC - Case                  | 8710163309774 |

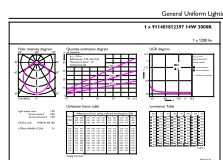
## Dimensional drawing



## Photometric data



**Light Distribution Diagram - DN027B LED12/WW D175 RD**



General uniform lighting - DN027B LED12/WW D175 RD

