# **PHILIPS** Lighting



# **Downlight DN060B**

# DN060B LED8S/840 PSU WH

Downlight DN060B, 9 W, 800 lm, 4000 K, Opal

The LEDINAIRE range contains a selection of popular off-the-shelf LED luminaires that come with the high Philips quality levels at a competitive price. Reliable, energy-efficient and affordable – just what you need.

## **Product data**

| General Information                |                   |
|------------------------------------|-------------------|
| Light source replaceable           | No                |
| Gear                               | -                 |
| Lighting Technology                | LED               |
| Warranty period                    | 3 years           |
| Value ladder                       | Value             |
|                                    |                   |
| Light Technical                    |                   |
| Luminous Flux                      | 800 lm            |
| Correlated Color Temperature (Nom) | 4000 K            |
| Luminous Efficacy (rated) (Nom)    | 89 lm/W           |
| Color rendering index (CRI)        | >80               |
| Light source color                 | 840 neutral white |
| Luminaire light beam spread        | 110°              |
|                                    |                   |
| Operating and Electrical           |                   |
| Input Voltage                      | 220 to 240 V      |
| Line Frequency                     | 50 or 60 Hz       |
| Input Frequency                    | 50 or 60 Hz       |
| Power Consumption                  | 9 W               |
| Power Factor (Fraction)            | 0.9               |
|                                    |                   |

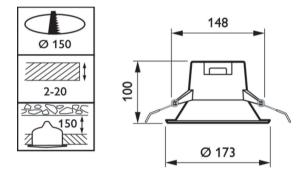
| Connection                    | Push-in connector 2-pole   |
|-------------------------------|----------------------------|
|                               |                            |
| Temperature                   |                            |
| Ambient temperature range     | 0 to +35 °C                |
|                               |                            |
| Controls and Dimming          |                            |
| Dimmable                      | No                         |
| Driver/power unit/transformer | Power supply unit (On/Off) |
|                               |                            |
| Mechanical and Housing        |                            |
| Housing Material              | Plastic                    |
| Reflector material            | Steel                      |
| Optic material                | Polycarbonate              |
| Fixation material             | Stainless steel            |
| Housing Color                 | White                      |
| Optical cover finish          | Opal                       |
| Overall length                | 175 mm                     |
| Overall width                 | 175 mm                     |
| Overall height                | 100 mm                     |
| Overall diameter              | 173 mm                     |

# Downlight DN060B

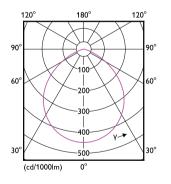
| Dimensions (Height x Width x Depth)                     | 100 x 175 x 175 mm      |
|---------------------------------------------------------|-------------------------|
|                                                         |                         |
| Approval and Application                                |                         |
| Ingress protection code                                 | IP20 [Finger-protected] |
| Mech. impact protection code                            | IK02 [0.2 J standard]   |
| Protection class IEC                                    | Safety class I          |
|                                                         |                         |
| Initial Performance (IEC Compliant)                     |                         |
| Initial chromaticity                                    | (0.38, 0.38) SDCM <5    |
| Power consumption tolerance                             | +/-10%                  |
|                                                         |                         |
| Over Time Performance (IEC Compliant)                   |                         |
| Control gear failure rate at median useful life 50000 h | 7.5 %                   |
| Lumen maintenance at median useful life* 50000 h        | L65                     |
|                                                         |                         |

| Application Conditions             |                         |
|------------------------------------|-------------------------|
| Performance ambient temperature Tq | 25 ℃                    |
|                                    |                         |
| Product Data                       |                         |
| Order product name                 | DN060B LED8S/840 PSU WH |
| Full product name                  | DN060B LED8S/840 PSU WH |
| Full product code                  | 871016330664399         |
| Order code                         | 911401532231            |
| Material Nr. (12NC)                | 911401532231            |
| Numerator - Quantity Per Pack      | 1                       |
| EAN/UPC - Product/Case             | 8710163306643           |
| Numerator - Packs per outer box    | 12                      |
| EAN/UPC - Case                     | 8710163306926           |
|                                    |                         |

## Dimensional drawing



#### Photometric data



Light Distribution Diagram - DN060B LED8S/840 PSU WH

|                        | DNB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1x001 to 2011 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
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| TYNK T                 | A Distance of Control |                                                 |
| 1234                   | TITLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |
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#### General uniform lighting - DN060B LED8S/840 PSU WH

Datasheet, 2023, November 24

Downlight DN060B



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