



Simply great LED

Downlight DN060B

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.

Benefits

- Philips quality and reliability
- Energy saving
- Comfortable diffuse light

Features

- Multiple sizes and light levels available
- Multiple light colors available
- Modern, unobtrusive design

Application

- Corridors
- Rest rooms
- Waiting rooms

Specifications

| | |
|------------------------------|------------------------------------|
| Type | DN060B |
| Ceiling type | Plaster (board) ceiling |
| Light source | Non-replaceable LED module |
| Power (+/-10%) | 9, 18 W |
| Beam angle | 135° |
| Luminous flux | 800 lm (4000 K) , 1800 lm (4000 K) |
| Correlated Color Temperature | 3000, 4000 K |
| Color Rendering Index | >80 |
| Median useful life | 30,000 hours |
| L70B50 | |

| | |
|-----------------------------|----------------------|
| Median useful life | 20, 000 hours |
| L80B50 | |
| Median useful life | 10, 000 hours |
| L90B50 | |
| Average ambient temperature | 25 °C |
| Operating temperature range | 0 to +35 °C |
| Driver | Built-in |
| Mains voltage | 220-240 V / 50-60 Hz |

Downlight DN060B

| | |
|----------------------|-----------------------------|
| Material | Housing body: polycarbonate |
| | Reflector: steel |
| | Diffuser: PMMA |
| Color | White (WH) |
| Optical cover | Opale |

| | |
|---------------------|---|
| Connection | Push-in connector (PI) or with pull relief (PIP) |
| Maintenance | Optical module sealed for file; no internal cleaning required |
| Installation | Fixation by means of spring fasteners |
| | Through-wiring possible |
| Accessories | No |

Versions



LED Module, system flux 1800 lm -
Power supply unit - Symmetrical -
10°



LED Module, system flux 800 lm -
Power supply unit - Symmetrical -
10°

Product details



Downlight-DN060B-DP.jpg

Downlight DN060B

Application Conditions

| | |
|---------------------------|-------------|
| Ambient temperature range | 0 to +35 °C |
|---------------------------|-------------|

Approval and Application

| | |
|------------------------------|------|
| Mech. impact protection code | IK02 |
| Ingress protection code | IP20 |

Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Operating and Electrical

| | |
|---------------|-----------|
| Input Voltage | 220-240 V |
|---------------|-----------|

General Information

| | |
|----------------------------|--------------------|
| Beam angle of light source | 90 x 90 ° |
| CE mark | CE mark |
| Protection class IEC | Safety class I (I) |
| Driver included | Yes |
| ENEC mark | - |
| Flammability mark | NO |
| Gear | - |
| Glow-wire test | 650/5 |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Optic type | Symmetrical |
| Service tag | Yes |

Initial Performance (IEC Compliant)

| | |
|-----------------------------|--------|
| Init. Color Rendering Index | >80 |
| Luminous flux tolerance | +/-10% |

Mechanical and Housing

| | |
|-------|-------|
| Color | White |
|-------|-------|

General Information

| Order Code | Full Product Name | Lamp family code |
|------------|--------------------------|------------------|
| 30661299 | DN060B LED18S/830 PSU WH | LED18S |
| 30663699 | DN060B LED18S/840 PSU WH | LED18S |
| 30662999 | DN060B LED8S/830 PSU WH | LED8S |
| 30664399 | DN060B LED8S/840 PSU WH | LED8S |

Initial Performance (IEC Compliant) (1/2)

| Order Code | Full Product Name | Initial chromaticity | Init. Corr. Color Temperature | Initial LED luminaire efficacy | Initial luminous flux |
|------------|--------------------------|-------------------------|-------------------------------|--------------------------------|-----------------------|
| 30661299 | DN060B LED18S/830 PSU WH | (0.43, 0.40) SDCM <5 | 3000 K | 100 lm/W | 1800 lm |
| 30663699 | DN060B LED18S/840 PSU WH | (0.38, 0.38) SDCM <5 | 4000 K | 100 lm/W | 1800 lm |

| Order Code | Full Product Name | Initial chromaticity | Init. Corr. Color Temperature | Initial LED luminaire efficacy | Initial luminous flux |
|------------|-------------------------|-------------------------|-------------------------------|--------------------------------|-----------------------|
| 30662999 | DN060B LED8S/830 PSU WH | (0.43, 0.40) SDCM <5 | 3000 K | 89 lm/W | 800 lm |
| 30664399 | DN060B LED8S/840 PSU WH | (0.38, 0.38) SDCM <5 | 4000 K | 89 lm/W | 800 lm |

Initial Performance (IEC Compliant) (2/2)

| Order Code | Full Product Name | Initial input power |
|------------|--------------------------|---------------------|
| 30661299 | DN060B LED18S/830 PSU WH | 18 W |
| 30663699 | DN060B LED18S/840 PSU WH | 18 W |

| Order Code | Full Product Name | Initial input power |
|------------|-------------------------|---------------------|
| 30662999 | DN060B LED8S/830 PSU WH | 9 W |
| 30664399 | DN060B LED8S/840 PSU WH | 9 W |

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