



# 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

<b>Type</b>	DN060B
<b>Ceiling type</b>	Plaster (board) ceiling
<b>Light source</b>	Non-replaceable LED module
<b>Power (+/-10%)</b>	9, 18 W
<b>Beam angle</b>	135°
<b>Luminous flux</b>	800 lm (4000 K) , 1800 lm (4000 K)
<b>Correlated Color</b>	3000, 4000 K
<b>Temperature</b>	
<b>Color Rendering Index</b>	>80
<b>Median useful life L70B50</b>	30,000 hours
<b>Median useful life L80B50</b>	20,000 hours

<b>Median useful life L90B50</b>	10,000 hours
<b>Average ambient temperature</b>	25 °C
<b>Operating temperature range</b>	0 to +35 °C
<b>Driver</b>	Built-in
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Material</b>	Housing body: polycarbonate Reflector: steel Diffuser: PMMA
<b>Color</b>	White (WH)

## Downlight DN060B

<b>Optical cover</b>	Opale
<b>Connection</b>	Push-in connector (PI) or with pull relief (PIP)
<b>Maintenance</b>	Optical module sealed for file; no internal cleaning required

<b>Installation</b>	Fixation by means of spring fasteners
	Through-wiring possible
<b>Accessories</b>	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

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## Application Conditions

Ambient temperature range	0 to +35 °C
Suitable for random switching	Not applicable

## Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

## Controls and Dimming

Dimmable	No
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## Operating and Electrical

Input Voltage	220-240 V
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## General Information

Beam angle of light source	90 x 90 °
CE mark	CE mark
Protection class IEC	Safety class I
Driver included	Yes
ENEC mark	-
Flammability mark	-
Gear	-
Glow-wire test	Temperature 650 °C, duration 5 s
Light source replaceable	No
Number of gear units	1 unit
Optic type	Symmetrical

## Initial Performance (IEC Compliant)

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

## Mechanical and Housing

Color	White
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## Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1.50 %
Median useful life L80B50	20000 h
Median useful life L90B50	10000 h

## General Information

Order Code	Full Product Name	Lamp family code
911401531931	DN060B LED18S/830 PSU WH	LED18S
911401532131	DN060B LED18S/840 PSU WH	LED18S
911401532031	DN060B LED8S/830 PSU WH	LED8S
911401532231	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
911401531931	DN060B LED18S/830 PSU WH	(0.43, 0.40)	3000 K	100 lm/W	1800 lm
911401532131	DN060B LED18S/840 PSU WH	(0.38, 0.38)	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
911401532031	DN060B LED8S/830 PSU WH	(0.43, 0.40)	3000 K	89 lm/W	800 lm
911401532231	DN060B LED8S/840 PSU WH	(0.38, 0.38)	4000 K	89 lm/W	800 lm

## Initial Performance (IEC Compliant) (2/2)

## Downlight DN060B

Order Code	Full Product Name	Initial input power
911401531931	DN060B LED18S/830 PSU WH	18 W
911401532131	DN060B LED18S/840 PSU WH	18 W

Order Code	Full Product Name	Initial input power
911401532031	DN060B LED8S/830 PSU WH	9 W
911401532231	DN060B LED8S/840 PSU WH	9 W

