



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	3000, 4000 K
Temperature	
Color Rendering Index	>80

Median useful life L70B50	30,000 hours
Median useful life L80B50	20, 000 hours
Median useful life L90B50	10, 000 hours
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
Suitable for random switching	Not applicable

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
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
-------	-------

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

