PHILIPS

Lighting



Downlight DN060B

DN060B LED8S/830 PSU WH

LED Module, system flux 800 lm - 830 warm white - Power supply unit - White

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	
Lamp family code	LED8S [LED Module, system flux 800 lm]
Beam angle of light source	90 x 90 °
Light source color	830 warm white
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Symmetrical
Luminaire light beam spread	10°
Connection	Push-in connector 2-pole
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years

Remarks	*-Per Lighting Europe guidance paper “Evaluating performance of LED based luminaires - January 2018”: statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB of 16 A type B	48
RoHS mark	RoHS mark

Operating and Electrical	
Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Control signal voltage	-
Inrush current	11.3 A
Inrush time	0.001 ms
Power Factor (Min)	0.9

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Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Housing Material	Metal/Plastic
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Opal
Overall height	100 mm
Overall diameter	173 mm

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

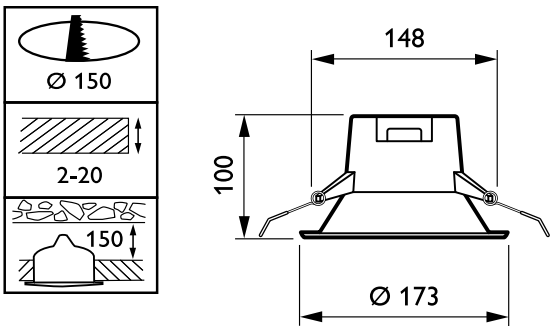
Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	800 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	89 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.43, 0.40) SDCM <5
Initial input power	9 W
Power consumption 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	
Ambient temperature range	0 to +35 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	Not applicable

Product Data	
Full product code	871016330662999
Order product name	DN060B LED8S/830 PSU WH
EAN/UPC - Product	8710163306629
Order code	911401532031
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	911401532031
Net Weight (Piece)	0.350 kg

Dimensional drawing



SmartBright LED DN060B-DN063B



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