



# Downlight DN060B

## DN060B LED18S/830 PSU WH

LED Module, system flux 1800 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		Remarks	
Lamp family code	LED18S [ LED Module, system flux 1800 lm]	*-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.	
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	Constant light output	No
Driver included	Yes	Number of products on MCB of 16 A type B	48
Optic type	Symmetrical	RoHS mark	RoHS mark
Luminaire light beam spread	10°	Operating and Electrical	
Connection	Push-in connector 2-pole	Input Voltage	220-240 V
Cable	-	Input Frequency	50 to 60 Hz
Protection class IEC	Safety class I	Control signal voltage	-
Glow-wire test	Temperature 650 °C, duration 5 s	Inrush current	17.2 A
Flammability mark	-	Inrush time	0.0016 ms
CE mark	CE mark	Power Factor (Min)	0.9
ENEC mark	-		
Warranty period	3 years		

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### Controls and Dimming

Dimmable	No
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### 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	120 mm
Overall diameter	233 mm
Color	White

### 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)	1800 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.43, 0.40) SDCM <5
Initial input power	18 W

Power consumption tolerance	+/-10%
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### 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

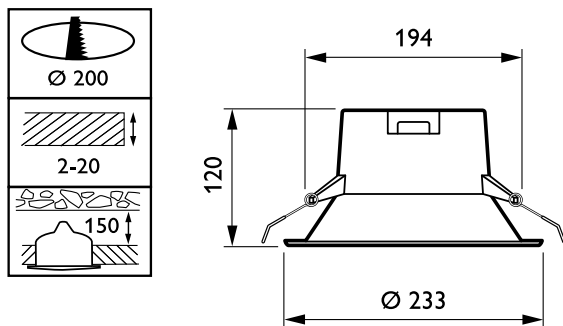
### Application Conditions

Ambient temperature range	0 to +35 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	Not applicable

### Product Data

Full product code	871016330661299
Order product name	DN060B LED18S/830 PSU WH
EAN/UPC - Product	8710163306612
Order code	911401531931
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	8
Material Nr. (12NC)	911401531931
Net Weight (Piece)	0.630 kg

## Dimensional drawing



SmartBright LED DN060B-DN063B

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