



SmartBright LED Downlight DN016

DN016B LED8/NW 10W 100-240V D90 RD ND

SmartBright LED Downlight DN016, 10 W, 800 lm, 4000 K, Wide beam, White

Providing robust & reliable performance. Bright Light with uniform distribution.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Lighting Technology	LED
Warranty period	3 years
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	800 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	80.00 lm/W
Color rendering index (CRI)	80
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	110°

Operating and Electrical	
Input Voltage	100 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Inrush current	12.1 A
Inrush time	0.29 ms
Power Consumption	10 W
Power Factor (Fraction)	0.5
Connection	Flying leads/wires
Cable	Cable 0.2 m without plug
Number of products on MCB of 16 A type B 45	

Temperature	
Ambient temperature range	-20 to +40 °C

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

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Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	White
Optical cover finish	Matte
Overall height	47 mm
Overall diameter	130 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.3818, 0.3797) 6SDCM
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.012 %
Median useful life L70B50	30,000 hour(s)

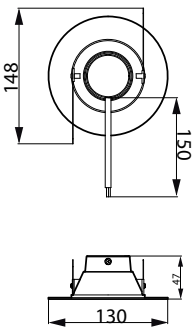
Application Conditions

Suitable for random switching	Not applicable
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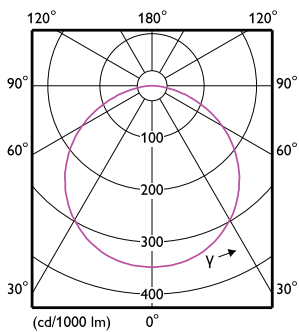
Product Data

Order product name	DN016B LED8/NW 10W 100-240V D90 RD ND
Full product name	DN016B LED8/NW 10W 100-240V D90 RD ND
Full product code	871869966241700
Order code	929002067312
Material Nr. (12NC)	929002067312
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699662417
Numerator - Packs per outer box	12
EAN/UPC - Case	8718699662424

Dimensional drawing



Photometric data



Light Distribution Diagram - DN016B LED8/NW 10W 100-240V D90 RD ND

General uniform lighting - DN016B LED8/NW 10W 100-240V D90 RD ND

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