



SmartBright LED Downlight DN016

DN016B LED12/CW 15W 127V D125 RD DIM

SmartBright LED Downlight DN016, 15 W, 1200 lm, 6500 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
Light Technical	
Luminous Flux	1,200 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Color rendering index (CRI)	80
Light source color	865 cool daylight
Optic type	Wide beam
Luminaire light beam spread	110°
Operating and Electrical	
Input Voltage	127 V
Line Frequency	60 Hz
Input Frequency	60 Hz

Inrush current	13 A
Inrush time	0.31 ms
Power Consumption	15 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 0.2 m without plug
Number of products on MCB of 16 A type B 31	
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Maximum dim level	10%
Mechanical and Housing	
Housing Material	Plastic
Reflector material	-
Optic material	Polycarbonate

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Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	White
Optical cover finish	Matte
Overall height	47 mm
Overall diameter	168 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	0.206 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
EU RoHS compliant	Yes
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Initial chromaticity	(0.3130, 0.3370) 6SDCM
Power consumption tolerance	+/-10%

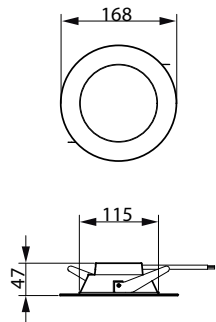
Over Time Performance (IEC Compliant)

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

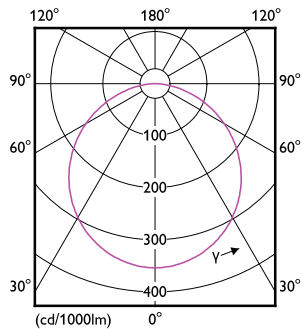
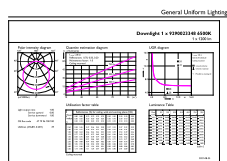
Product Data

Order product name	DN016B LED12/CW 15W 127V D125 RD DIM
Full product name	DN016B LED12/CW 15W 127V D125 RD DIM
Order code	929002334812
Material Nr. (12NC)	929002334812
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677557799
Numerator - Packs per outer box	12
EAN/UPC - Case	50046677557794

Dimensional drawing



Photometric data



General uniform lighting - DN016B LED12/CW 15W 127V D125 RD DIM

Light Distribution Diagram - DN016B LED12/CW 15W 127V D125 RD DIM

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