



Ledinaire Recessed Downlight

DN070B LED12/830 12W 220-240V D150 RD EU

Ledinaire Recessed Downlight, 12 W, D150 mm, 1200 lm, 3000 K, Beam angle 60°, Black, IP20/54

The new LEDINAIRE recessed downlight offers excellent light quality, high efficacy with visual comfort. Available in two sizes with two lumen options & two CCT options to suit different applications. This is a real professional choice for everyday lighting installations

Product data

General Information		Luminaire light beam spread	
Light source replaceable	No		60°
Number of gear units	Unit	Unified Glare Rating (CEN)	19
Driver included	Yes	Operating and Electrical	
Lighting Technology	LED	Input Voltage	220 to 240 V
Value ladder	Value	Line Frequency	50 or 60 Hz
Serviceability class	Class C, luminaire without serviceable parts, not serviceable	Input frequency	50 or 60 Hz
Warranty period	3 years	Inrush current	7.85 A
		Inrush time	0.18 ms
		Power Consumption	12 W
		Power Factor (Fraction)	0.9
		Connection	Connection unit 2-pole
		Cable	Cable 0.25 m with push-in connector 3-pole
		Number of products on MCB (16 A type B)	245
		Suitable for random switching	No
		Protection class IEC	Safety class II

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Total harmonic distortion	20 %
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Controls and Dimming

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

Mechanical and Housing

Housing material	Metal-Plastic
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	Black
Optical cover/lens finish	Matte
Overall length	170 mm
Overall width	170 mm
Overall height	82 mm
Overall diameter	170 mm
Dimensions (height x width x depth)	82 x 170 x 170 mm
Ingress protection code	IP20/54 [Finger-protected; dust accumulation-protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	0.440 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes

EU RoHS compliant	Yes
Flickering value (PstLM)	0.1
Stroboscopic effect	0.1
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.4300, 0.4081) 5SDCM
Power consumption tolerance	+/-10%

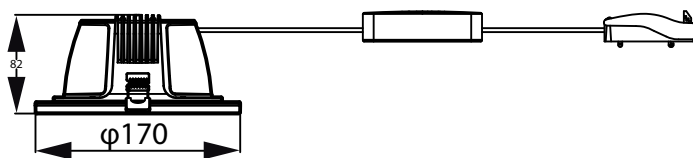
Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.6 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L65

Product Data

Order product name	DN070B LED12/830 12W 220-240V D150 RD EU
Full product name	DN070B LED12/830 12W 220-240V D150 RD EU
Full EOC	871951435398500
Order code	35398500
Material no. (12 NC)	929003165332
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514353985
Numerator – packs per outer box	12
EAN/UPC – Case	8719514353992

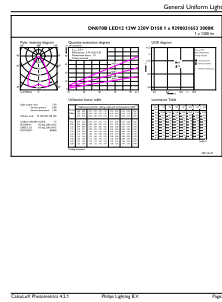
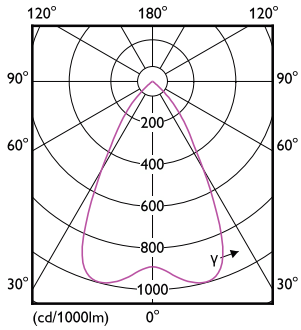
Dimensional drawing



Cut-out hole diameter - Ø150mm

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Photometric data



Light Distribution Diagram - DN070B LED12/830 12W 220-240V D150 RD EU

General uniform lighting - DN070B LED12/830 12W 220-240V D150 RD EU

