



Ledinaire Recessed Downlight

DN070B LED12/840 12W 220-240V D150 RD EU

Ledinaire Recessed Downlight, 12 W, D150 mm, 1200 lm, 4000 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 choose for everyday lighting installations

Product data

General Information		Color rendering index (CRI)		80
Light source replaceable	No	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	0.1	
Number of gear units	2 units	Stroboscopic effect visibility measure (SVM)	0.1	
Driver included	Yes	Light source color	840 neutral white	
Lighting Technology	LED	Optic type	Beam angle 60°	
Value ladder	Value	Luminaire light beam spread	60°	
CE mark	Yes	Unified glare rating CEN	19	
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		Operating and Electrical		
Luminous Flux	1,200 lm	Input Voltage	220 to 240 V	
Correlated Color Temperature (Nom)	4000 K	Line Frequency	50 or 60 Hz	
Luminous Efficacy (rated) (Nom)	96.00 lm/W	Input Frequency	50 or 60 Hz	
		Inrush current	7.85 A	
		Inrush time	0.18 ms	
		Power Consumption	12 W	
		Power Factor (Fraction)	0.9	

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Connection	Connection unit 2-pole
Cable	Cable 0.25 m with push-in connector 3-pole
Number of products on MCB of 16 A type B	245

Temperature

Ambient temperature range	-20 to +40 °C
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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 material	Polycarbonate
Fixation material	Steel
Housing Color	Black
Optical cover 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

Approval and Application

Ingress protection code	IP20/54 [Finger-protected; dust accumulation-protected, splash-proof]
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Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.3795, 0.3827) 5SDCM
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.6 %
Lumen maintenance at median useful life* 50000 h	L65

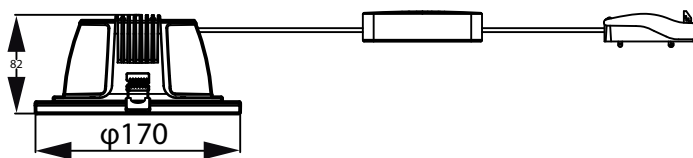
Application Conditions

Suitable for random switching	No
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Product Data

Order product name	DN070B LED12/840 12W 220-240V D150 RD EU
Full product name	DN070B LED12/840 12W 220-240V D150 RD EU
Full product code	871951435400500
Order code	929003165432
Material Nr. (12NC)	929003165432
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514354005
Numerator - Packs per outer box	12
EAN/UPC - Case	8719514354012

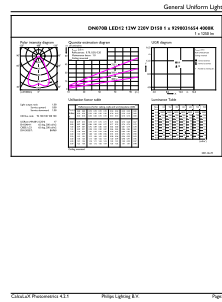
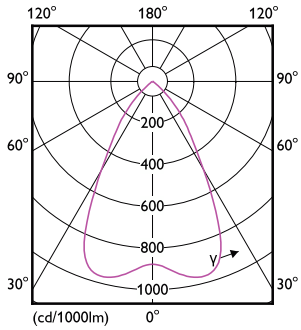
Dimensional drawing



Cut-out hole diameter - Ø150mm

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Photometric data



Light Distribution Diagram - DN070B LED12/840 12W 220-240V D150 RD EU

General uniform lighting - DN070B LED12/840 12W 220-240V D150 RD EU

