



# 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		Unified glare rating CEN	
Light source replaceable	No	Unified glare rating CEN	19
Number of gear units	2 units	Operating and Electrical	
Driver included	Yes	Input Voltage	220 to 240 V
Lighting Technology	LED	Line Frequency	50 or 60 Hz
Value ladder	Value	Input Frequency	50 or 60 Hz
Warranty period	3 years	Inrush current	7.85 A
		Inrush time	0.18 ms
Light Technical		Power Consumption	12 W
Luminous Flux	1,200 lm	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	4000 K	Connection	Connection unit 2-pole
Luminous Efficacy (rated) (Nom)	96.00 lm/W	Cable	Cable 0.25 m with push-in connector 3-pole
Color rendering index (CRI)	80	Number of products on MCB of 16 A type B	245
Light source color	840 neutral white	Suitable for random switching	No
Optic type	Beam angle 60°	Protection class IEC	Safety class II
Luminaire light beam spread	60°		

## Ledinaire Recessed Downlight

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 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
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) - Flickering value as per EN 61000-3-3	0.1

Stroboscopic effect visibility measure (SVM)	0.1
Ambient temperature range	-20 to +40 °C

### Initial Performance (IEC Compliant)

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

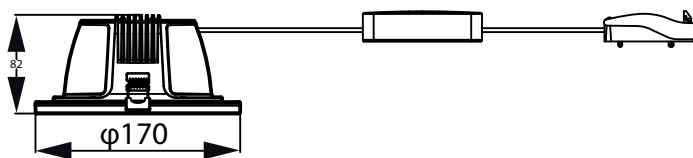
### Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.6 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L65

### 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

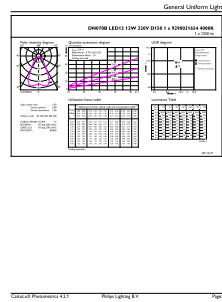
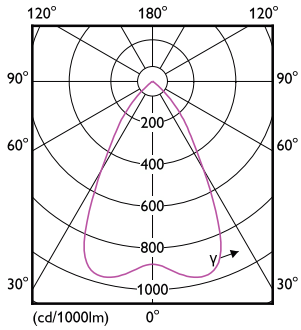
### Dimensional drawing



Cut-out hole diameter -  $\varnothing 150$ mm

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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

