



# 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 choice for everyday lighting installations

### Product data

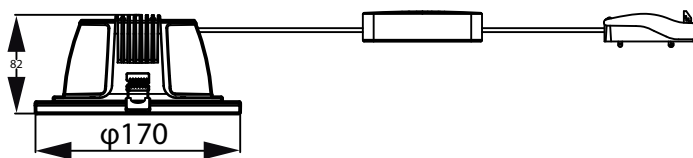
General Information		Operating and Electrical	
Light source replaceable	No	Colour rendering index (CRI)	80
Number of gear units	2 units	Flickering value (PstLM)	0.1
Driver included	Yes	Stroboscopic effect	0.1
Lighting Technology	LED	Light source colour	840 neutral white
Value ladder	Value	Optic type	Beam angle 60°
CE mark	Yes	Luminaire light beam spread	60°
Warranty period	3 years	Unified Glare Rating (CEN)	19
Flammability mark	For mounting on normally flammable surfaces		
Glow-wire test	Temperature 650 °C, duration 30 s	Input Voltage	220 to 240 V
EU RoHS compliant	Yes	Line Frequency	50 or 60 Hz
		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
		Connection	Connection unit 2-pole
Light Technical			
Luminous Flux	1,200 lm		
Correlated Colour Temperature	4000 K		
Luminous efficacy (rated) (nom.)	96.00 lm/W		

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Cable	Cable 0.25 m with push-in connector 3-pole
Number of products on MCB of 16 A type B	245
<b>Temperature</b>	
Ambient temperature range	-20 to +40 °C
<b>Controls and Dimming</b>	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
<b>Mechanical and Housing</b>	
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
<b>Approval and Application</b>	
Ingress protection code	IP20/54 [Finger-protected; dust accumulation-protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]

Protection class IEC	Safety class II
<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.3795, 0.3827) 5SDCM
Power consumption tolerance	+/-10%
<b>Over Time Performance (IEC Compliant)</b>	
Driver failure rate at 5,000 hours	0.6 %
Lumen maintenance at median useful life*	L65
50,000 h	
<b>Application Conditions</b>	
Suitable for random switching	No
<b>Product Data</b>	
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 EOC	871951435400500
Order code	35400500
Material no. (12 NC)	929003165432
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514354005
Numerator – packs per outer box	12
EAN/UPC – Case	8719514354012

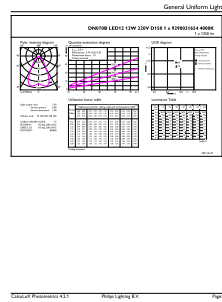
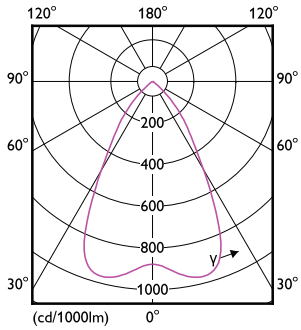
## Dimensional drawing



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

