



# 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	
Light source replaceable	No
Number of gear units	2 units
Driver included	Yes
Lighting Technology	LED
Value ladder	Value
Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Warranty period	3 years
Light Technical	
Luminous Flux	1,200 lm
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	96.00 lm/W
Colour rendering index (CRI)	80
Light source colour	840 neutral white
Optic type	Beam angle 60°

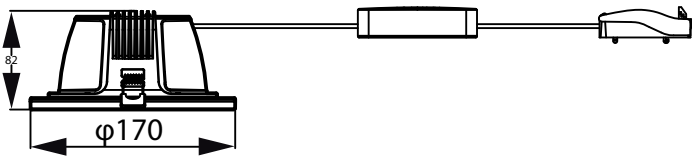
Luminaire light beam spread	60°
Unified Glare Rating (CEN)	19
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input frequency	50 or 60 Hz
Inrush current	7.85 A
Inrush time	0.18 ms
Power Consumption	12 W
Power Factor (Fraction)	0.9
Connection	Connection unit 2-pole
Cable	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

Ledinaire Recessed Downlight

Total harmonic distortion	20 %
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	(0.3795, 0.3827) 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 LED12/840 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
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514354005
Numerator – packs per outer box	12
EAN/UPC – Case	8719514354012

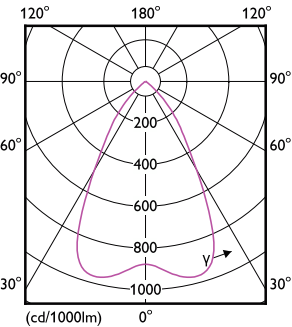
Dimensional drawing



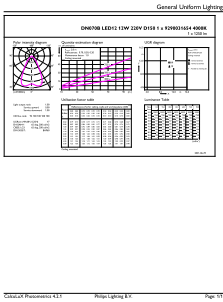
Cut-out hole diameter - Ø150mm

Ledinaire Recessed Downlight

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

