

Ledinaire Recessed Downlight

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

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 colour	830 warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	60 [Beam angle 60°]
Luminaire light beam spread	60°
Connection	Connection unit 2-pole
Cable	Cord 0.25 m with push-in connector
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
Warranty period	3 years
Constant light output	No
Number of products on MCB (16 A type B)	245
EU RoHS compliant	Yes

Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Inrush current	7.85 A
Inrush time	0.18 ms
Power factor (min.)	0.9

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Housing material	Metal–Plastic
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Matt
Overall length	170 mm
Overall width	170 mm
Overall height	82 mm

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Overall diameter	170 mm
Colour	Black
Dimensions (height x width x depth)	82 x 170 x 170 mm (3.2 x 6.7 x 6.7 in)

Approval and Application

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

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	1200 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	96.00 lm/W
Init. Corr. Colour Temperature	3000 K
Init. Colour rendering index	80
Initial chromaticity	(0.4300, 0.4081) 5SDCM
Initial input power	12 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	30000 h
Lumen maintenance at median useful life* 50,000 h	L65

Application Conditions

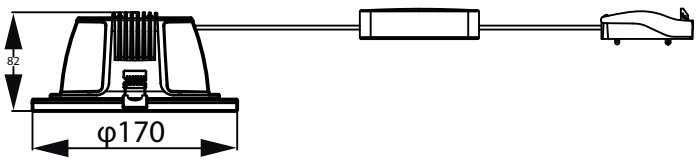
Ambient temperature range	-20 to +40 °C
Suitable for random switching	No

Product Data

Full product code	871951435398500
Order product name	DN070B LED12/830 12W 220-240V D150 RD EU
EAN/UPC – product	8719514353985
Order code	35398500
SAP numerator – quantity per pack	1
Numerator – packs per outer box	12
SAP material	929003165332
SAP net weight (piece)	0.440 kg



Dimensional drawing



Cut-out hole diameter - Ø150mm

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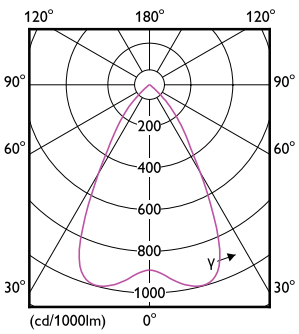
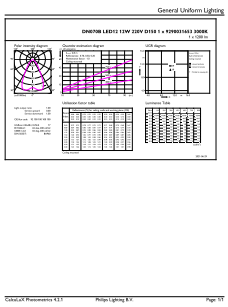
Photometric data



Downlight DN070B 830 12W D150 RD-EU-LDD



Downlight DN070B 830 12W D150 RD-EU-GUL

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2022, June 27 - data subject to change