



Ledinaire Recessed Downlight

DN070B LED24/830 24W 220-240V D200 RD EU

Ledinaire Recessed Downlight, 24 W, D200 mm, 2400 lm, 3000 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	3 units
Driver included	Yes
Lighting Technology	LED
Value ladder	Value
Light Technical	
Luminous Flux	2,400 lm
Luminous efficacy (rated) (nom.)	94.00 lm/W
Correlated Colour Temperature	3000 K
Colour rendering index (CRI)	80
Flickering value (PstLM)	0.1
Stroboscopic effect	0.1
Light source colour	830 warm 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	7.65 A
Inrush time	0.18 ms
Power Consumption	24 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 of 16 A type B	122

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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	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	225 mm
Overall width	225 mm
Overall height	100 mm
Overall diameter	225 mm
Dimensions (height x width x depth)	100 x 225 x 225 mm

Approval and Application

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
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes

Warranty period	3 years
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.4300, 0.4081) 5SDCM
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.6 %
Lumen maintenance at median useful life*	L65
50,000 h	

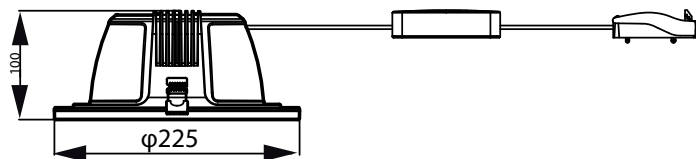
Application Conditions

Suitable for random switching	No
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Product Data

Order product name	DN070B LED24/830 24W 220-240V D200 RD EU
Full product name	DN070B LED24/830 24W 220-240V D200 RD EU
Full EOC	871951435402900
Order code	35402900
Material no. (12 NC)	929003165532
SAP numerator – quantity per pack	1
Net Weight (Piece)	0.600 kg
EAN/UPC – Product/Case	8719514354029
Numerator – packs per outer box	8
EAN/UPC – Case	8719514354036

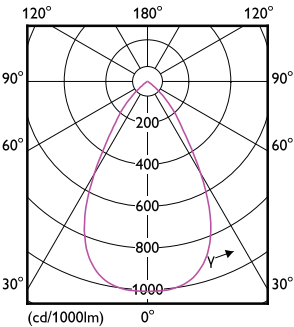
Dimensional drawing



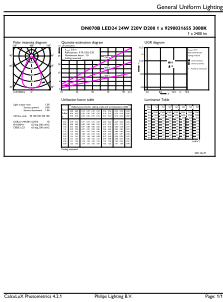
Cut-out hole diameter - Ø200mm

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Photometric data



Light Distribution Diagram - DN070B LED24/830 24W 220-240V D200 RD EU



General uniform lighting - DN070B LED24/830 24W 220-240V D200 RD EU

