



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

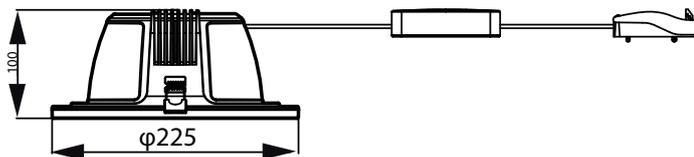
General Information		Unified Glare Rating (CEN)	
Light source replaceable	No	19	
Number of gear units	3 units	Operating and Electrical	
Driver included	Yes	Input Voltage	220 to 240 V
Lighting Technology	LED	Line Frequency	50 or 60 Hz
Value ladder	Value	Input frequency	50 or 60 Hz
Light Technical		Inrush current	7.65 A
Luminous Flux	2,400 lm	Inrush time	0.18 ms
Luminous efficacy (rated) (nom.)	94.00 lm/W	Power Consumption	24 W
Correlated Colour Temperature	3000 K	Power Factor (Fraction)	0.9
Colour rendering index (CRI)	80	Connection	Connection unit 2-pole
Flickering value (PstLM)	0.1	Cable	Cable 0.25 m with push-in connector 3-pole
Stroboscopic effect	0.1	Number of products on MCB of 16 A type B 122	
Light source colour	830 warm white		
Optic type	Beam angle 60°		
Luminaire light beam spread	60°		

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Temperature	
Ambient temperature range	-20 to +40 °C
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* 50,000 h	L65
Application Conditions	
Suitable for random switching	No
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

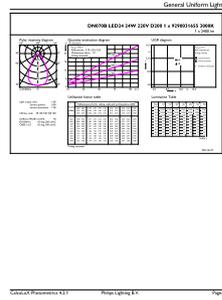
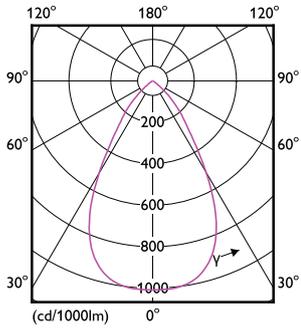
Dimensional drawing



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

