



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 choose for everyday lighting installations

Product data

General Information		Color rendering index (CRI)		80
Light source replaceable	No	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	0.1	
Number of gear units	3 units	Stroboscopic effect visibility measure (SVM)	0.1	
Driver included	Yes	Light source color	830 warm white	
Lighting Technology	LED	Optic type	Beam angle 60°	
Value ladder	Value	Luminaire light beam spread	60°	
CE mark	Yes	Unified glare rating CEN	19	
Warranty period	3 years	Operating and Electrical		
Flammability mark	For mounting on normally flammable surfaces	Input Voltage	220 to 240 V	
Glow-wire test	Temperature 650 °C, duration 30 s	Line Frequency	50 or 60 Hz	
EU RoHS compliant	Yes	Input Frequency	50 or 60 Hz	
Light Technical		Inrush current	7.65 A	
Luminous Flux	2,400 lm	Inrush time	0.18 ms	
Correlated Color Temperature (Nom)	3000 K	Power Consumption	24 W	
Luminous Efficacy (rated) (Nom)	94.00 lm/W	Power Factor (Fraction)	0.9	

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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

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 material	Polycarbonate
Fixation material	Steel
Housing Color	Black
Optical cover 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]
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Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class II

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 5000 h	0.6 %
Lumen maintenance at median useful life* 50000 h	L65

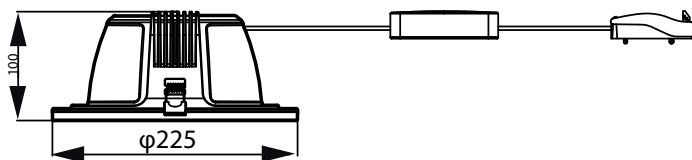
Application Conditions

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 product code	871951435402900
Order code	929003165532
Material Nr. (12NC)	929003165532
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514354029
Numerator - Packs per outer box	8
EAN/UPC - Case	8719514354036

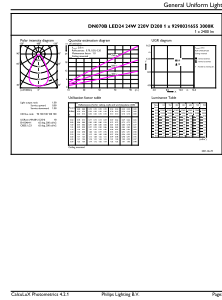
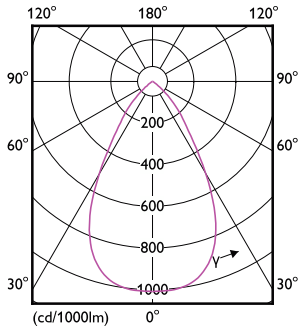
Dimensional drawing



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

