



# 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		Operating and Electrical	
Light source replaceable	No	Luminaire light beam spread	60°
Number of gear units	3 units	Unified Glare Rating (CEN)	19
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
Serviceability class	Class C, luminaire without serviceable parts, not serviceable	Inrush current	7.65 A
Warranty period	3 years	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 (16 A type B)	122
		Suitable for random switching	No
		Protection class IEC	Safety class II

## Ledinaire Recessed Downlight

Total harmonic distortion	20 %
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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
Ingress protection code	IP20/54 [Finger-protected; dust accumulation-protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	0.600 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	(0.4300, 0.4081) 5SDCM
Power consumption tolerance	+/-10%

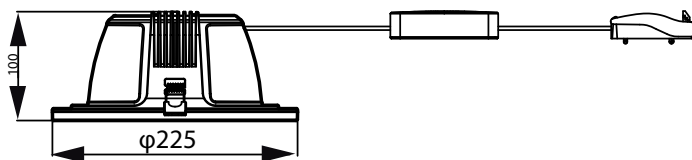
### Over Time Performance (IEC Compliant)

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 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
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514354029
Numerator – packs per outer box	8
EAN/UPC – Case	8719514354036

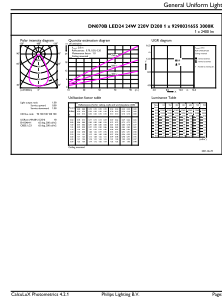
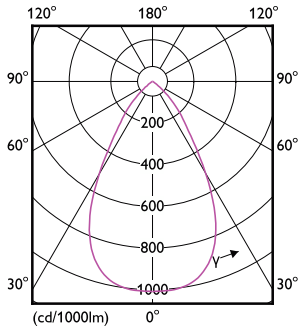
### Dimensional drawing



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

