



Ledinaire Recessed Downlight

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

Ledinaire Recessed Downlight, 24 W, D200 mm, 2400 lumen, 3000 K, Matte, 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	
Light source replaceable	No
Number of gear units	3 units
Driver included	Yes
Lighting Technology	LED
Value ladder	Value
CE mark	Yes
Warranty period	3 years
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,400 lumen
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	94.00 lm/W

Color rendering index (CRI)	80
Flickering value (PstLM)	0.1
Stroboscopic effect value (SVM)	0.1
Light source color	830 warm white
Optic type	Beam angle 60°
Luminaire light beam spread	60°
Unified glare rating CEN	19

Operating and Electrical

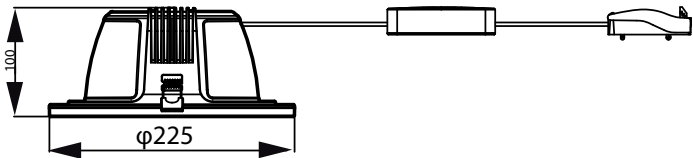
Line Frequency	50 or 60 Hz
Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Inrush current	7.65 A
Inrush time	0.18 ms
Power Consumption	24 W
Power Factor (Fraction)	0.9
Connection	Connection unit 2-pole

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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
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 Color	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
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.4300, 0.4081) 5SDCM
Luminous flux tolerance	+/-10%
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
Product Data	
Full product code	871951435402900
Order product name	DN070B LED24/830 24W 220-240V D200 RD EU
Order code	929003165532
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	8
Material Nr. (12NC)	929003165532
Full product name	DN070B LED24/830 24W 220-240V D200 RD EU
EAN/UPC - Case	8719514354036
EAN/UPC - Product/Case	8719514354029

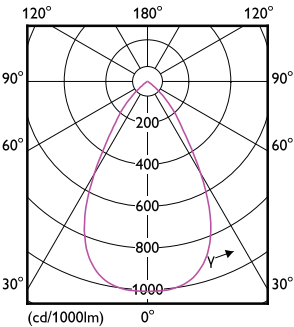
Dimensional drawing



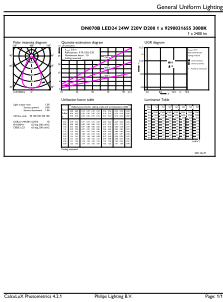
Cut-out hole diameter - Ø200mm

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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

