



Ledinaire Recessed Downlight

DN070B LED24/840 24W 220-240V D200 RD EU

Ledinaire Recessed Downlight, 24 W, D200 mm, 2400 lm, 4000 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	
Light source replaceable	No
Number of gear units	4 units
Driver included	Yes
Lighting Technology	LED
Value ladder	Value
Warranty period	3 years
Light Technical	
Luminous Flux	2,400 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	94.00 lm/W
Color rendering index (CRI)	80
Light source color	840 neutral white
Optic type	Beam angle 60°
Luminaire light beam spread	60°

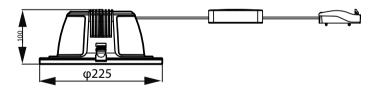
Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Inrush current	7.65 A
Inrush time	0.18 ms
Power Consumption	24 W
Power Factor (Fraction)	0.9
Connection	Connection unit 2-pole
Cable	Cable 0.25 m with push-in connector 3-
	pole
Number of products on MCB of 16 A type B	122
Suitable for random switching	No
Protection class IEC	Safety class II

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Total harmonic distortion	20 %
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
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	
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) - Flickering value as	6 0.1
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.1
Ambient temperature range	-20 to +40 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.3795, 0.3827) 5SDCM
Power consumption tolerance	+/-10%
Over Time Performance (IEC Complian	nt)
Driver failure rate at 5000 h	0.6 %
Lumen maintenance (EN-IEC 62722-2-1) at	L65
median useful life* 50000 h	
Product Data	
Order product name	DN070B LED24/840 24W 220-240V
	D200 RD EU
Full product name	DN070B LED24/840 24W 220-240V
	D200 RD EU
Full product code	871951435404300
Order code	929003165632
Material Nr. (12NC)	929003165632
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514354043
Numerator - Packs per outer box	8
EAN/UPC - Case	8719514354050

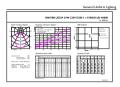
Dimensional drawing



Cut-out hole diameter - Ø200mm

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Photometric data



180°

120°

120°

General uniform lighting - DN070B LED24/840 24W 220-240V D200 RD EU

Light Distribution Diagram - DN070B LED24/840 24W 220-240V D200 RD EU



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www.lighting.philips.com 2025, March 17 - data subject to change