PHILIPS Lighting



An ideal solution for installers and customers with reduced glare and less visible light source but still delivery sufficient lux.

Ledinaire Recessed Downlight

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

Benefits

- \cdot Bright light with visual comfort
- Significant energy saving
- Great color rendering and reliable performance during usage

Features

- \cdot Recessed form factor delivering sufficient light with visual comfort
- High efficiency for energy saving: 100lm/W
- IP54 front cover
- \cdot Long lifetime

Ledinaire Recessed Downlight

Application

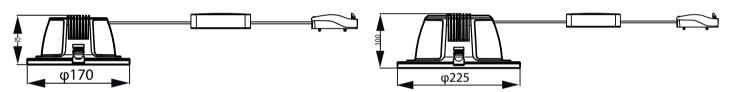
- \cdot Retail
- Offices
- Hospitality

Versions



Downlight DN070B RD-EU

Dimensional drawing



Cut-out hole diameter - Ø150mm

Cut-out hole diameter - Ø200mm

Product details

Philips Ledinaire downlight DT02





Ledinaire Recessed Downlight DN070B back

Ledinaire Recessed Downlight

General Information	
Driver included	Yes
Light source replaceable	No
Light Technical	
Color rendering index (CRI)	80
Optic type	Beam angle 60°
Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	No
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Color	Black
Mech. impact protection code	ІКОЗ
Ingress protection code	IP20/54
Approval and Application	
Ambient temperature range	-20 to +40 °C
CE mark	Yes
Flammability mark	For mounting on
	normally
	flammable
	surfaces
Glow-wire test	Temperature 650
	°C, duration 30 s
Flickering value (PstLM) - Flickering	0.1
value as per EN 61000-3-3	
Stroboscopic effect visibility measure	0.1
(SVM)	
Initial Performance (IEC Complian	-
Luminous flux tolerance	+/-10%
Over Time Derfermense (IEC Com	alia mt)
Over Time Performance (IEC Comp	
Driver failure rate at 5000 h	0.6 %

General Information

Order Code	Full Product Name	Number of gear units
929003165332	DN070B LED12/830 12W 220-240V D150 RD EU	1 unit
929003165432	DN070B LED12/840 12W 220-240V D150 RD EU	2 units
929003165532	DN070B LED24/830 24W 220-240V D200 RD EU	3 units
929003165632	DN070B LED24/840 24W 220-240V D200 RD EU	4 units

Light Technical

		Correlated Color	Luminous				Correlated Color	Luminous	
		Temperature	Efficacy	Luminous			Temperature	Efficacy	Luminous
Order Code	Full Product Name	(Nom)	(rated) (Nom)	Flux	Order Code	Full Product Name	(Nom)	(rated) (Nom)	Flux
929003165332	DN070B LED12/830	3000 K	96.00 lm/W	1,200 lm	929003165532	DN070B LED24/830	3000 K	94.00 lm/W	2,400 lm
	12W 220-240V D150					24W 220-240V D200			
	RD EU					RD EU			
929003165432	DN070B LED12/840	4000 K	96.00 lm/W	1,200 lm	929003165632	DN070B LED24/840	4000 K	94.00 lm/W	2,400 lm
	12W 220-240V D150					24W 220-240V D200			
	RD EU					RD EU			

Ledinaire Recessed Downlight

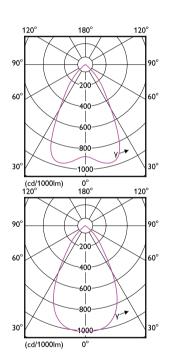
Operating and Electrical

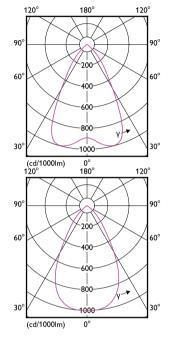
Order Code	Full Product Name	Power Consumption
929003165332	DN070B LED12/830 12W 220-240V D150 RD EU	12 W
929003165432	DN070B LED12/840 12W 220-240V D150 RD EU	12 W

Order Code	Full Product Name	Power Consumption
929003165532	DN070B LED24/830 24W 220-240V D200 RD EU	24 W
929003165632	DN070B LED24/840 24W 220-240V D200 RD EU	24 W

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
929003165332	DN070B LED12/830 12W 220-240V D150 RD	(0.4300, 0.4081) 5SDCM
	EU	
929003165432	DN070B LED12/840 12W 220-240V D150 RD	(0.3795, 0.3827) 5SDCM
	EU	
929003165532	DN070B LED24/830 24W 220-240V D200	(0.4300, 0.4081) 5SDCM
	RD EU	
929003165632	DN070B LED24/840 24W 220-240V D200	(0.3795, 0.3827) 5SDCM
	RD EU	







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