



# An ideal solution for installers and customers with reduced glare and less visible light source but still deliver 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 choice for everyday lighting installations

### Benefits

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

### Features

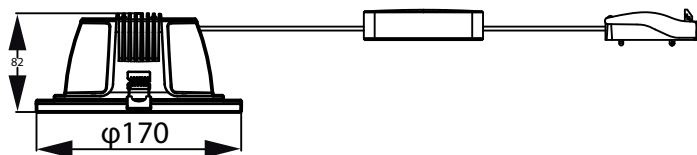
- Recessed form factor delivering sufficient light with visual comfort
- High efficiency for energy saving: 100lm/W
- IP54 front cover
- Long lifetime

## Ledinaire Recessed Downlight

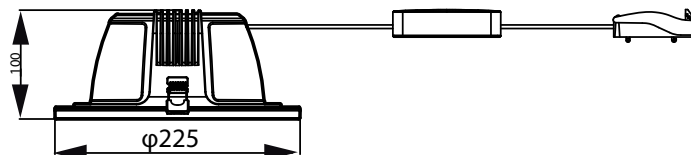
### Application

- Retail
- Offices
- Hospitality

### Dimensional drawing



Cut-out hole diameter -  $\varnothing 150\text{mm}$



Cut-out hole diameter -  $\varnothing 200\text{mm}$

### 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	
Colour 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 Colour	Black
Mech. impact protection code	IK03
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)	0.1
Stroboscopic effect	0.1
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Driver failure rate at 5,000 hours	0.6 %

General Information

Order Code	Full Product Name	Number of gear units
35398500	DN070B LED12/830 12W 220-240V D150 RD EU	Unit
35400500	DN070B LED12/840 12W 220-240V D150 RD EU	2 units
35402900	DN070B LED24/830 24W 220-240V D200 RD EU	3 units
35404300	DN070B LED24/840 24W 220-240V D200 RD EU	4 units

Light Technical

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)	Luminous Flux
35398500	DN070B LED12/830 12W 220-240V D150 RD EU	3000 K	96.00 lm/W	1,200 lm
35400500	DN070B LED12/840 12W 220-240V D150 RD EU	4000 K	96.00 lm/W	1,200 lm

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)	Luminous Flux
35402900	DN070B LED24/830 24W 220-240V D200 RD EU	3000 K	94.00 lm/W	2,400 lm
35404300	DN070B LED24/840 24W 220-240V D200 RD EU	4000 K	94.00 lm/W	2,400 lm

# Ledinaire Recessed Downlight

## Operating and Electrical

Order Code	Full Product Name	Power Consumption
35398500	DN070B LED12/830 12W 220-240V D150 RD EU	12 W
35400500	DN070B LED12/840 12W 220-240V D150 RD EU	12 W

Order Code	Full Product Name	Power Consumption
35402900	DN070B LED24/830 24W 220-240V D200 RD EU	24 W
35404300	DN070B LED24/840 24W 220-240V D200 RD EU	24 W

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
35398500	DN070B LED12/830 12W 220-240V D150 RD EU	(0.4300, 0.4081) 5SDCM
35400500	DN070B LED12/840 12W 220-240V D150 RD EU	(0.3795, 0.3827) 5SDCM
35402900	DN070B LED24/830 24W 220-240V D200 RD EU	(0.4300, 0.4081) 5SDCM
35404300	DN070B LED24/840 24W 220-240V D200 RD EU	(0.3795, 0.3827) 5SDCM

