

EPITO 12W

EPITO: RECESSED DIRECTIONAL COB DOWNLIGHT

Indoor Luminaire

Product Code:

LEPO01R012XC / LEPO01R012XN / LEPO01R012XW

12W - 720lm - 6500K - CRI>90 - Beam Angle 80°



Technical Specifications

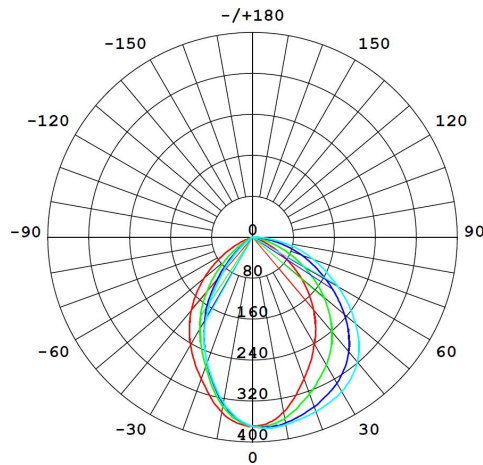
Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	230 VAC, 50Hz
Rated Input Wattage	12W ± 10%
Rated Input Current	0.060 Amp (Nominal)
Power Factor	≥0.90
THD	<10%
Rated Luminous Flux	720 lm / 660 lm / 600 lm (tolerance as per BIS)
Rated Luminaire Efficacy	60 lm/W / 55 lm/W / 50 lm/W (tolerance as per BIS)
Correlated Color Temperature (CCT)	6500 K / 4000 K / 3000 K (tolerance as per ANSI)
Color Rendering Index (CRI)	>90
Beam Angle	80°
Driver Efficiency	≥85%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	Die Cast Aluminium with White Powder Coating
Lens / Reflector	Anodized Reflector with PC Diffuser
Mounting	Recessed

Protections

Over Voltage Protection	Withstand upto 360V/AC for 4 Hrs.
Surge Protection	±2.5KV
Protection Class	Class II
Ingress Protection (IP Rating)	IP20
Impact Protection (IK Rating)	IK02
Short Circuit Protection	Provided
Open Circuit Protection (No Load)	Provided
Reverse Polarity Protection	Provided

All technical data is subject to industry-standard tolerances.

Light Distribution

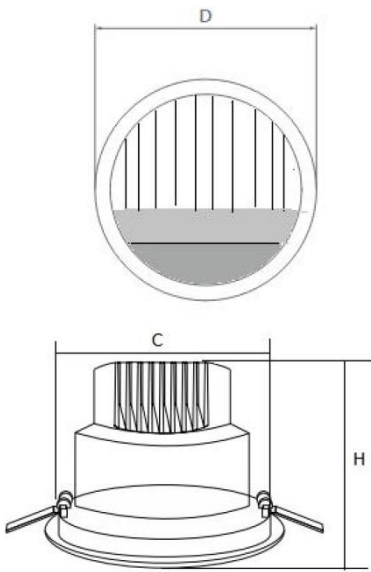


UGR Table

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	16.9	18.3	17.2	18.5	18.7	20.4	21.8	20.7	22.0	22.2
3H	17.3	18.5	17.5	18.7	19.0	22.1	23.4	22.4	23.6	23.9
4H	17.2	18.4	17.5	18.7	18.9	22.9	24.1	23.2	24.3	24.6
6H	17.1	18.2	17.4	18.5	18.8	23.5	24.6	23.8	24.9	25.2
8H	17.1	18.2	17.4	18.4	18.7	23.7	24.8	24.1	25.1	25.4
12H	17.0	18.1	17.4	18.4	18.6	23.9	24.9	24.2	25.2	25.5
4H 2H	18.0	19.2	18.3	19.5	19.7	20.7	21.9	21.0	22.2	22.4
3H	18.6	19.6	18.9	19.9	20.2	22.6	23.7	23.0	24.0	24.3
4H	18.6	19.5	19.0	19.9	20.2	23.5	24.5	23.9	24.8	25.1
6H	18.5	19.4	18.9	19.7	20.1	24.3	25.1	24.7	25.5	25.9
8H	18.5	19.3	18.9	19.6	20.0	24.6	25.4	25.0	25.7	26.1
12H	18.4	19.2	18.9	19.5	19.9	24.8	25.5	25.2	25.9	26.3
8H 4H	19.2	19.9	19.6	20.3	20.7	23.6	24.4	24.0	24.7	25.1
6H	19.2	19.8	19.6	20.2	20.6	24.5	25.1	24.9	25.5	25.9
8H	19.1	19.7	19.6	20.1	20.6	24.8	25.4	25.3	25.8	26.3
12H	19.1	19.6	19.6	20.0	20.5	25.2	25.7	25.6	26.1	26.6
12H 4H	19.2	20.0	19.7	20.3	20.7	23.5	24.3	24.0	24.6	25.0
6H	19.3	19.9	19.8	20.3	20.8	24.4	25.0	24.9	25.4	25.9
8H	19.3	19.8	19.8	20.2	20.7	24.8	25.3	25.3	25.8	26.2
Variations with the observer position at spacings (CIE Pub.117) :										
S = 1.0H	+ 0.5 / - 0.6					+ 0.1 / - 0.2				
1.5H	+ 0.5 / - 0.9					+ 0.2 / - 0.3				
2.0H	+ 0.7 / - 1.6					+ 0.3 / - 0.4				

Product Dimensions (Dia. x H), Cutout (Dia.)

Ø85 X 70mm, Cutout Ø72mm



Applications

Residences, Offices, Small Retail Shops, Hotels, Coffee Shops, Restaurants, Hospitals, area lighting and for other indoor applications.