

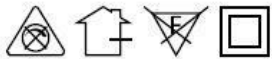
**LUCENT 12W**

LUCENT SLIM DOWNLIGHT

Indoor Luminaire

Product Code:

LLCN01R012XC / LLCN01R012XN / LLCN01R012XW  
12W - 1320lm - 6500K - CRI>80 Ra - Beam Angle - 112°



**Technical Specifications**

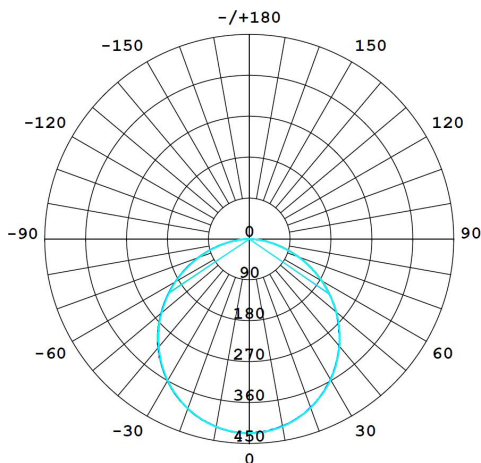
Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	220 ~ 240 VAC, 50Hz
Rated Input Wattage	12W ± 10%
Rated Input Current	0.058 Amp (Nominal)
Power Factor	≥0.90
THD	<15%
Rated Luminous Flux	1320 lm / 1260 lm / 1200 lm (tolerance as per BIS)
Rated Luminaire Efficacy	110 lm/W / 105 lm/W / 100 lm/W (tolerance as per BIS)
Correlated Color Temperature (CCT)	6500 K / 4000 K / 3000 K (tolerance as per ANSI)
Color Rendering Index (CRI)	>80 Ra
Beam Angle	112° (within the permissible limits)
Driver Efficiency	>85%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	Aluminium Housing with White/Black Powder Coating
Lens / Reflector	PC Diffuser
Mounting	Recessed

**Protections**

Over Voltage Protection	Withstand upto 440V/AC for 4 Hrs.
Surge Protection	±4.0KV
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

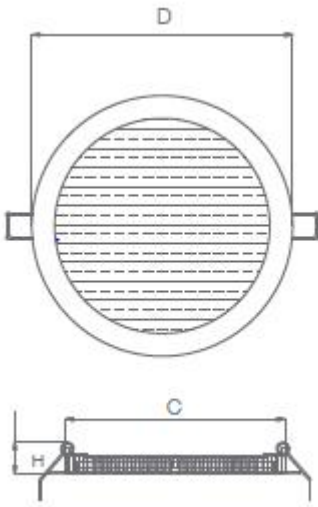


## UGR Table

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	18.4	17.1	18.6	18.8	16.8	18.4	17.1	18.6	18.8
3H	18.4	19.8	18.7	20.0	20.3	18.3	19.7	18.6	20.0	20.2
4H	19.0	20.4	19.3	20.6	20.9	18.9	20.3	19.2	20.5	20.8
6H	19.5	20.7	19.8	21.0	21.3	19.3	20.6	19.7	20.9	21.1
8H	19.6	20.8	19.9	21.1	21.4	19.4	20.7	19.8	20.9	21.2
12H	19.7	20.8	20.0	21.1	21.4	19.5	20.7	19.9	21.0	21.3
4H 2H	17.5	18.8	17.8	19.1	19.3	17.4	18.8	17.8	19.0	19.3
3H	19.2	20.4	19.5	20.7	21.0	19.1	20.3	19.5	20.6	20.9
4H	19.9	21.0	20.3	21.3	21.7	19.8	20.9	20.2	21.2	21.6
6H	20.5	21.4	20.9	21.8	22.2	20.4	21.3	20.8	21.7	22.0
8H	20.7	21.6	21.1	21.9	22.3	20.5	21.4	21.0	21.8	22.2
12H	20.8	21.6	21.2	22.0	22.4	20.6	21.5	21.1	21.8	22.2
8H 4H	20.2	21.1	20.6	21.4	21.8	20.1	21.0	20.5	21.4	21.7
6H	20.9	21.6	21.3	22.0	22.5	20.8	21.5	21.2	21.9	22.4
8H	21.2	21.8	21.6	22.2	22.7	21.0	21.7	21.5	22.1	22.6
12H	21.4	21.9	21.8	22.4	22.8	21.2	21.8	21.7	22.2	22.7
12H 4H	20.2	21.0	20.6	21.4	21.8	20.1	20.9	20.6	21.3	21.7
6H	21.0	21.6	21.4	22.0	22.5	20.8	21.5	21.3	21.9	22.4
8H	21.3	21.8	21.7	22.3	22.7	21.1	21.7	21.6	22.1	22.6
Variations with the observer position at spacings (CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

## Product Dimensions (DiaxH)

Ø 144 x 17mm (Tol. ± 5 mm), Cutout Size 132mm



## Applications

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