

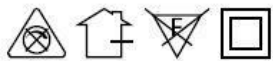
LUCENT 15W

LUCENT SLIM DOWNLIGHT

Indoor Luminaire

Product Code:

LLCN01R015XC / LLCN01R015XN / LLCN01R015XW
15W - 1725lm - 6500K - CRI>80 Ra - Beam Angle - 112°



Technical Specifications

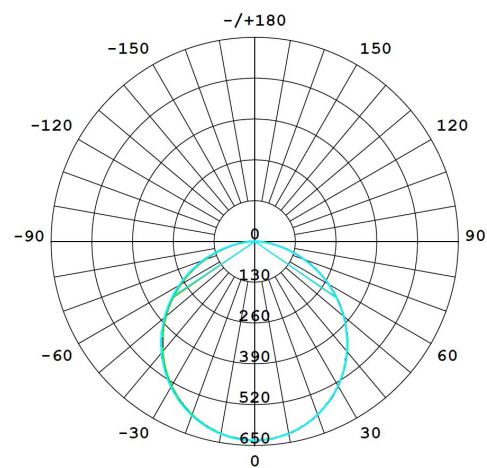
Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	220 ~ 240 VAC, 50Hz
Rated Input Wattage	15W ± 10%
Rated Input Current	0.068 Amp (Nominal)
Power Factor	≥0.90
THD	<10%
Rated Luminous Flux	1725 lm / 1650 lm / 1575 lm (tolerance as per BIS)
Rated Luminaire Efficacy	115 lm/W / 110 lm/W / 105 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



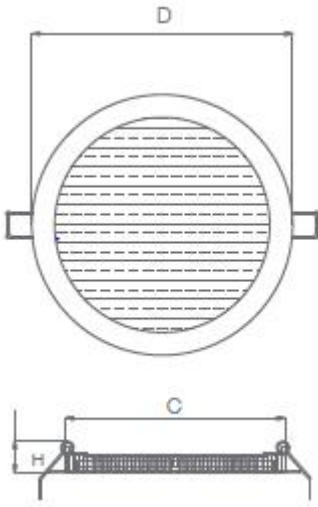
UGR Table

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	16.8	18.4	17.1	18.6	18.8	16.8	18.3	17.1	18.5	18.7
3H	18.3	19.7	18.6	20.0	20.2	18.3	19.7	18.6	19.9	20.2
4H	18.9	20.3	19.2	20.5	20.8	18.8	20.2	19.2	20.4	20.7
6H	19.3	20.6	19.7	20.9	21.2	19.2	20.5	19.6	20.8	21.1
8H	19.5	20.7	19.8	21.0	21.3	19.4	20.6	19.7	20.9	21.1
12H	19.5	20.7	19.9	21.0	21.3	19.4	20.6	19.8	20.9	21.2
4H 2H	17.4	18.8	17.8	19.0	19.3	17.4	18.7	17.7	19.0	19.3
3H	19.1	20.3	19.5	20.6	20.9	19.1	20.2	19.4	20.5	20.8
4H	19.8	20.9	20.2	21.2	21.6	19.8	20.8	20.1	21.2	21.5
6H	20.4	21.3	20.8	21.7	22.0	20.3	21.2	20.7	21.6	21.9
8H	20.6	21.4	21.0	21.8	22.2	20.4	21.3	20.9	21.7	22.1
12H	20.7	21.5	21.1	21.9	22.3	20.5	21.3	21.0	21.7	22.1
8H 4H	20.1	21.0	20.5	21.3	21.7	20.0	20.9	20.4	21.3	21.7
6H	20.8	21.5	21.2	21.9	22.3	20.7	21.4	21.1	21.8	22.3
8H	21.0	21.7	21.5	22.1	22.6	20.9	21.6	21.4	22.0	22.5
12H	21.2	21.8	21.7	22.2	22.7	21.1	21.6	21.6	22.1	22.6
12H 4H	20.1	20.9	20.5	21.3	21.7	20.0	20.8	20.5	21.2	21.6
6H	20.8	21.5	21.3	21.9	22.4	20.7	21.4	21.2	21.8	22.3
8H	21.1	21.7	21.6	22.1	22.6	21.0	21.6	21.5	22.0	22.5
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				

With our continuous efforts to upgrade the technology/product, all product specifications and data are subject to change without prior notice. We always try to maintain the accuracy of our product images, but due to different viewing conditions, the colors may vary. Images are only for indicative purpose.

Product Dimensions (DiaxH)

Ø 166 x 17mm (Tol. ± 5 mm), Cutout Size 155mm



Applications

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