

**REFLECTORZ ROUND 7W**

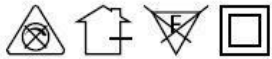
REFLECTORZ ROUND COB DOWNLIGHT

Indoor Luminaire

Product Code:

LSYGRDR007XN / LSYGRDR007XW

7W - 385lm - 4000K - CRI>90 Ra - Beam Angle 20°



**Technical Specifications**

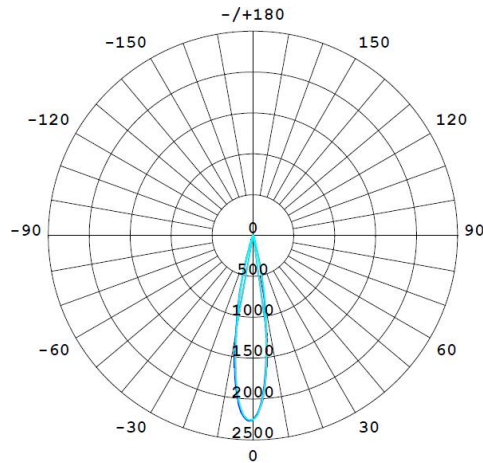
Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	230 VAC, 50Hz
Rated Input Wattage	7W ± 10%
Rated Input Current	0.030 Amp (Nominal)
Power Factor	≥0.90
ATHD	<10%
Rated Luminous Flux	385 lm / 350 lm (tolerance as per BIS)
Rated Luminaire Efficacy	55 lm/W / 50 lm/W (tolerance as per BIS)
Correlated Color Temperature (CCT)	4000 K / 3000 K (tolerance as per ANSI)
Color Rendering Index (CRI)	>90 Ra
Beam Angle	20° (within the permissible limits)
Driver Efficiency	≥85%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	Aluminium housing with white powder coating
Lens / Reflector	PC. Reflector
Mounting	Recess

**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

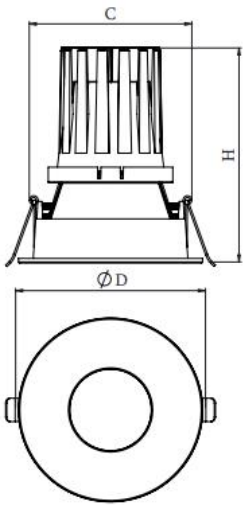


## UGR Table

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	14.0	14.6	14.2	14.7	14.9	14.0	14.6	14.2	14.8	14.9
3H	16.3	16.9	16.5	17.1	17.2	15.9	16.5	16.2	16.7	16.9
4H	17.0	17.5	17.2	17.8	18.0	16.5	17.1	16.8	17.3	17.5
6H	17.6	18.1	17.9	18.4	18.6	16.9	17.4	17.2	17.7	17.9
8H	17.8	18.3	18.0	18.5	18.8	16.9	17.4	17.2	17.7	17.9
12H	17.8	18.3	18.1	18.5	18.8	16.9	17.4	17.2	17.6	17.9
4H 2H	15.1	15.6	15.3	15.8	16.0	15.1	15.6	15.3	15.8	16.0
3H	17.2	17.7	17.5	17.9	18.2	16.8	17.4	17.1	17.6	17.9
4H	18.0	18.4	18.3	18.7	19.0	17.5	18.0	17.9	18.3	18.6
6H	18.7	19.1	19.0	19.4	19.7	17.9	18.4	18.3	18.7	19.0
8H	18.8	19.2	19.2	19.5	19.9	18.0	18.3	18.3	18.7	19.1
12H	18.8	19.2	19.2	19.6	19.9	17.9	18.3	18.3	18.6	19.0
8H 4H	18.2	18.5	18.5	18.9	19.3	17.8	18.2	18.2	18.5	18.9
6H	18.9	19.2	19.3	19.6	20.0	18.2	18.6	18.7	19.0	19.4
8H	19.1	19.4	19.5	19.8	20.2	18.3	18.5	18.7	19.0	19.4
12H	19.1	19.4	19.6	19.8	20.3	18.2	18.4	18.7	18.9	19.4
12H 4H	18.1	18.5	18.5	18.9	19.2	17.8	18.1	18.2	18.5	18.9
6H	18.9	19.2	19.3	19.6	20.0	18.2	18.5	18.7	18.9	19.4
8H	19.1	19.3	19.5	19.8	20.2	18.3	18.5	18.7	18.9	19.4
Variations with the observer position at spacings (CIE Pub.117) :										
S = 1.0H	+ 0.5 / - 0.4					+ 0.5 / - 0.7				
1.5H	+ 0.9 / - 1.2					+ 1.1 / - 1.0				
2.0H	+ 1.0 / - 1.3					+ 1.2 / - 1.3				

## Product Dimensions (D x H)

Ø80 x 93 mm (Tol. ± 5 mm), Cutout Size Ø68 mm



## Applications

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