

## SPOT LIGHT 2W

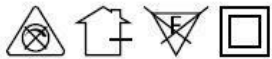
LED SPOT LIGHT

Indoor Luminaire

Product Code:

LSPT06R002XC / LSPT06R002XW

2W - 100lm - 6500K - CRI>80 - Beam Angle



### Technical Specifications

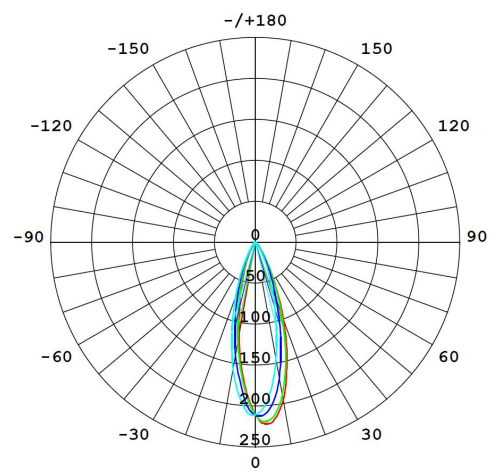
Operating Temperature	-10°C to 45°C
Rated Input Voltage & Frequency	230 VAC, 50Hz
Rated Input Wattage	2W $\pm$ 10%
Rated Input Current	0.02 Amp (Nominal)
Power Factor	$\geq$ 0.5
Rated Luminous Flux	100 lm / 80 lm (tolerance as per BIS)
Rated Luminaire Efficacy	50 lm/W / 40 lm/W (tolerance as per BIS)
Correlated Color Temperature (CCT)	6500 K / 3000 K (tolerance as per ANSI)
Color Rendering Index (CRI)	>80 Ra
Beam Angle	NA
Driver Efficiency	$\geq$ 60%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	Die Cast Aluminium with White Powder Coating
Lens / Reflector	PMMA/PC Lens
Mounting	Recess

### Protections

Over Voltage Protection	Withstand upto 360V/AC for 4 Hrs.
Surge Protection	$\pm$ 2.5KV
Protection Class	NA
Ingress Protection (IP Rating)	IP20
Impact Protection (IK Rating)	NA
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



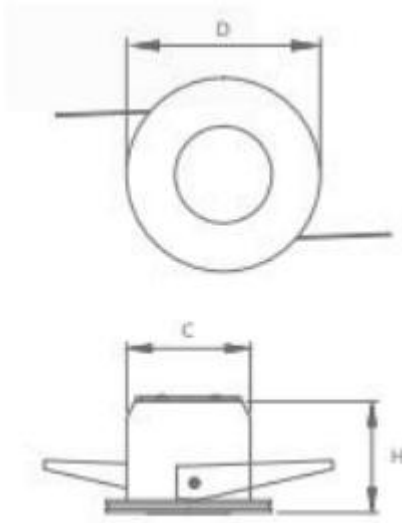
UGR Table

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	6.1	6.9	6.3	7.0	7.2	3.3	4.1	3.5	4.2	4.4
3H	5.9	6.7	6.2	6.8	7.0	3.1	3.8	3.4	4.0	4.2
4H	5.8	6.5	6.1	6.7	7.0	3.0	3.7	3.3	3.9	4.1
6H	5.8	6.4	6.0	6.6	6.9	2.9	3.6	3.2	3.8	4.1
8H	5.7	6.3	6.0	6.6	6.8	2.9	3.5	3.2	3.8	4.0
12H	5.7	6.3	6.0	6.5	6.8	2.9	3.5	3.2	3.7	4.0
4H 2H	5.9	6.5	6.1	6.8	7.0	3.1	3.8	3.3	4.0	4.2
3H	5.7	6.3	6.0	6.5	6.8	2.9	3.5	3.2	3.8	4.0
4H	5.6	6.1	5.9	6.4	6.7	2.8	3.3	3.1	3.6	3.9
6H	5.5	6.0	5.9	6.3	6.6	2.7	3.2	3.1	3.5	3.9
8H	5.4	5.9	5.8	6.2	6.6	2.6	3.1	3.0	3.4	3.8
12H	5.4	5.8	5.8	6.2	6.5	2.6	3.0	3.0	3.4	3.8
8H 4H	5.4	5.9	5.8	6.2	6.6	2.6	3.1	3.0	3.4	3.8
6H	5.3	5.7	5.8	6.1	6.5	2.5	2.9	3.0	3.3	3.7
8H	5.3	5.6	5.7	6.0	6.4	2.5	2.8	2.9	3.2	3.7
12H	5.2	5.5	5.7	5.9	6.4	2.4	2.7	2.9	3.1	3.6
12H 4H	5.4	5.8	5.8	6.2	6.5	2.6	3.0	3.0	3.4	3.8
6H	5.3	5.6	5.7	6.0	6.4	2.5	2.8	2.9	3.2	3.7
8H	5.2	5.5	5.7	5.9	6.4	2.4	2.7	2.9	3.1	3.6
Variations with the observer position at spacings (CIE Pub.117):										
S = 1.0H	+ 3.5 / - 8.1					+ 2.5 / -13.6				
1.5H	+ 5.2 / - 7.5					+ 3.9 / - 6.8				
2.0H	+ 5.7 / -31.1					+ 5.2 / - 1.5				

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 (L x W x H), Cutout Size

Ø 38 X 25mm (Tol.  $\pm 5$  mm), Ø32mm



## Applications

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