

STRELLA SMART 8W

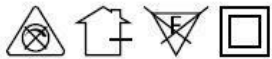
Strella Smart LED Panel Light with Microwave Sensor

Indoor Luminaire

Product Code:

LSTS01R008XC / LSTS01R008XN / LSTS01R008XW

8W - 640lm - 6500K - CRI>80 Ra - Beam Angle 120°



Technical Specifications

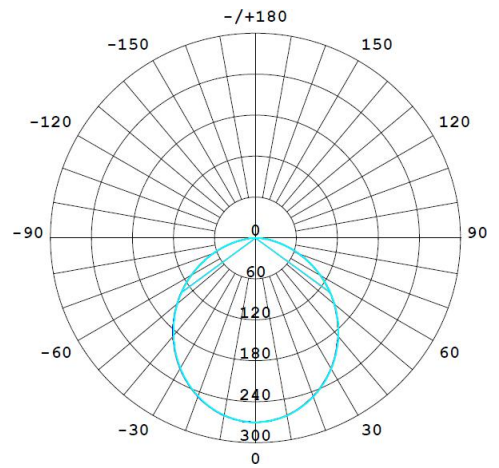
Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	220 ~ 240 VAC, 50Hz
Rated Input Wattage	8W ± 10%
Rated Input Current	0.040 Amp (Nominal)
Power Factor	≥0.90
ATHD	<15%
Rated Luminous Flux	640 lm / 600 lm / 560 lm (tolerance as per BIS)
Rated Luminaire Efficacy	80 lm/W / 75 lm/W / 70 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	120° (within the permissible limits)
Driver Efficiency	>80%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	Polycarbonate
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
Sensor coverage distance	5 meter.
Smart Features	Light Trun On in presence of Motion and will trun off after 2min. (if no movement). If No motion brightness will be 0%.

All technical data is subject to industry-standard tolerances.

Light Distribution



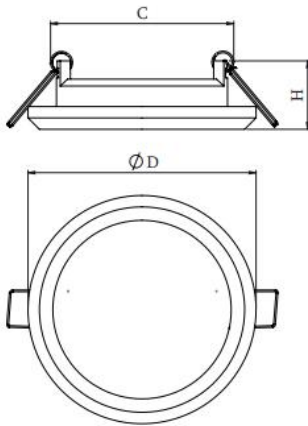
UGR Table

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	25.1	26.6	25.4	26.8	27.0	25.2	26.7	25.5	26.9	27.1
3H	26.5	27.9	26.8	28.1	28.3	26.7	28.1	27.0	28.3	28.5
4H	27.0	28.3	27.3	28.6	28.8	27.3	28.6	27.6	28.8	29.1
6H	27.4	28.6	27.7	28.9	29.2	27.7	28.9	28.0	29.2	29.5
8H	27.5	28.7	27.8	28.9	29.2	27.8	29.0	28.2	29.3	29.6
12H	27.5	28.7	27.9	28.9	29.2	27.9	29.0	28.2	29.3	29.6
4H 2H	25.7	27.0	26.0	27.3	27.5	25.8	27.1	26.1	27.4	27.6
3H	27.3	28.4	27.6	28.7	29.0	27.4	28.6	27.8	28.9	29.2
4H	27.9	29.0	28.3	29.3	29.6	28.1	29.2	28.5	29.5	29.8
6H	28.4	29.3	28.8	29.7	30.0	28.7	29.6	29.1	30.0	30.3
8H	28.5	29.4	29.0	29.8	30.2	28.9	29.7	29.3	30.1	30.5
12H	28.6	29.4	29.0	29.8	30.2	29.0	29.8	29.4	30.2	30.6
8H 4H	28.2	29.1	28.6	29.4	29.8	28.4	29.2	28.8	29.6	30.0
6H	28.8	29.5	29.2	29.9	30.3	29.1	29.8	29.5	30.2	30.6
8H	29.0	29.7	29.5	30.1	30.5	29.3	30.0	29.8	30.4	30.9
12H	29.1	29.7	29.6	30.1	30.6	29.5	30.1	30.0	30.5	31.0
12H 4H	28.2	29.0	28.6	29.4	29.8	28.4	29.2	28.8	29.6	30.0
6H	28.9	29.5	29.3	29.9	30.4	29.1	29.8	29.6	30.2	30.6
8H	29.1	29.7	29.6	30.1	30.6	29.4	30.0	29.9	30.4	30.9
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 / - 0.2				

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 (Dia. x H)

Ø116 x 35 mm (Tol. ± 5 mm), Cutout Size Ø105 mm



Applications

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