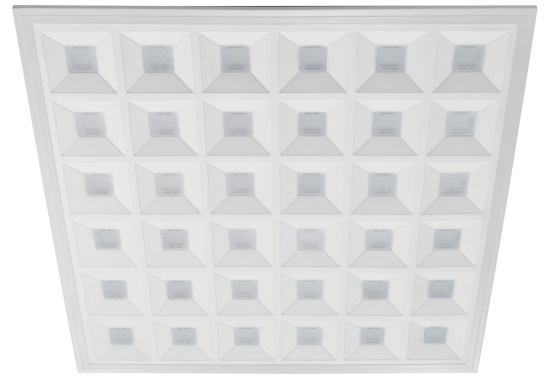




BATH + LIGHT



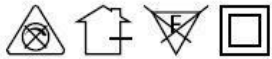
SCINTILLIO PANEL LIGHT 45W

RECESS MOUNT ' PANEL

Indoor Luminaire

Product Code:

LSNL01S045XC / LSNL01S045XN / LSNL01S045XW
45W - 4950lm - 6500K - CRI>80 Ra - Beam Angle 100°



Technical Specifications

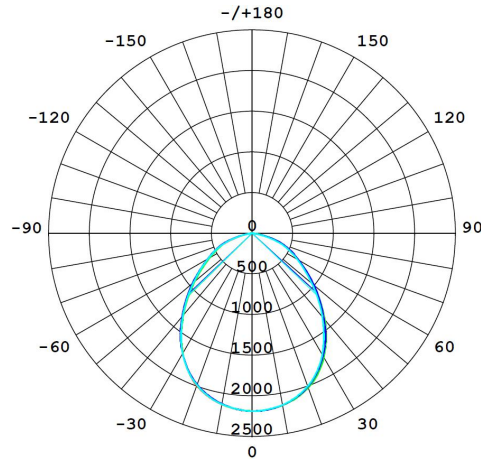
Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	230 VAC, 50Hz
Rated Input Wattage	45W ± 10%
Rated Input Current	0.205 Amp (Nominal)
Power Factor	≥0.90
ATHD	<10%
Rated Luminous Flux	4950 lm / 4700 lm / 4500 lm (tolerance as per BIS)
Rated Luminaire Efficacy	110 lm/W / 105 lm/W / 100 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	100° (within the permissible limits)
Driver Efficiency	≥85%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	CRCA Housing with White Powder Coating
Lens / Reflector	LENS Diffuser
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)	IP40
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

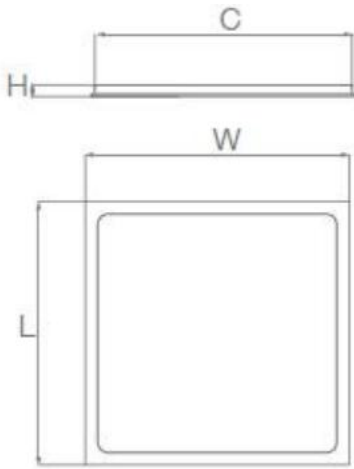


UGR Table

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	18.8	20.3	19.1	20.5	20.7	18.7	20.2	19.0	20.3	20.5	
3H	20.1	21.4	20.4	21.7	21.9	20.0	21.3	20.3	21.5	21.7	
4H	20.5	21.8	20.8	22.0	22.3	20.3	21.5	20.6	21.8	22.0	
6H	20.6	21.8	20.9	22.0	22.3	20.3	21.5	20.6	21.7	22.0	
8H	20.6	21.7	20.9	21.9	22.2	20.3	21.4	20.6	21.7	21.9	
12H	20.5	21.6	20.8	21.9	22.2	20.2	21.3	20.6	21.6	21.9	
4H	2H	19.4	20.6	19.7	20.8	21.1	19.3	20.5	19.6	20.8	21.0
3H	20.9	21.9	21.2	22.2	22.5	20.8	21.8	21.1	22.1	22.4	
4H	21.4	22.3	21.7	22.7	23.0	21.2	22.2	21.5	22.5	22.8	
6H	21.5	22.4	21.9	22.7	23.1	21.3	22.1	21.7	22.5	22.8	
8H	21.5	22.3	21.9	22.6	23.0	21.2	22.0	21.6	22.4	22.8	
12H	21.4	22.2	21.8	22.5	22.9	21.2	21.9	21.6	22.3	22.7	
8H	4H	21.6	22.4	22.0	22.7	23.1	21.4	22.2	21.8	22.6	23.0
6H	21.8	22.4	22.2	22.8	23.3	21.6	22.2	22.0	22.6	23.0	
8H	21.8	22.3	22.2	22.8	23.2	21.5	22.1	22.0	22.5	23.0	
12H	21.7	22.2	22.2	22.7	23.1	21.5	22.0	22.0	22.4	22.9	
12H	4H	21.6	22.3	22.0	22.7	23.1	21.4	22.1	21.8	22.5	22.9
6H	21.8	22.3	22.2	22.8	23.2	21.5	22.1	22.0	22.5	23.0	
8H	21.7	22.2	22.2	22.7	23.2	21.5	22.0	22.0	22.5	22.9	
Variations with the observer position at spacings (CIE Pub.117) :											
S = 1.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.3					
1.5H	+ 0.1 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.5 / - 0.5					+ 0.3 / - 0.5					

Product Dimensions (L x W x H), Cutout Size (L x W)

595 x 595 x 20mm, 580 X 580 mm



Applications

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