



## BATH + LIGHT

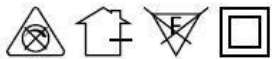
### ULTIMA ULTRA SLIM 1 X 4 33W

RECESS MOUNT 1 X 4 PANEL

Indoor Luminaire

Product Code:

LULU4SL033XC / LULU4SL033XN / LULU4SL033XW  
33W - 3960lm - 6500K - CRI>80 Ra - Beam Angle 120°



### Technical Specifications

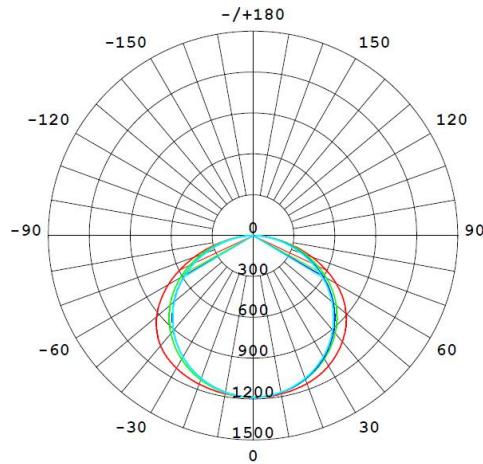
Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	230 VAC, 50Hz
Rated Input Wattage	33W ± 10%
Rated Input Current	0.15 Amp (Nominal)
Power Factor	≥0.90
ATHD	<10%
Rated Luminous Flux	3960 lm / 3795 lm / 3465 lm (tolerance as per BIS)
Rated Luminaire Efficacy	120 lm/W / 115 lm/W / 105 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	120° (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	PC 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
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

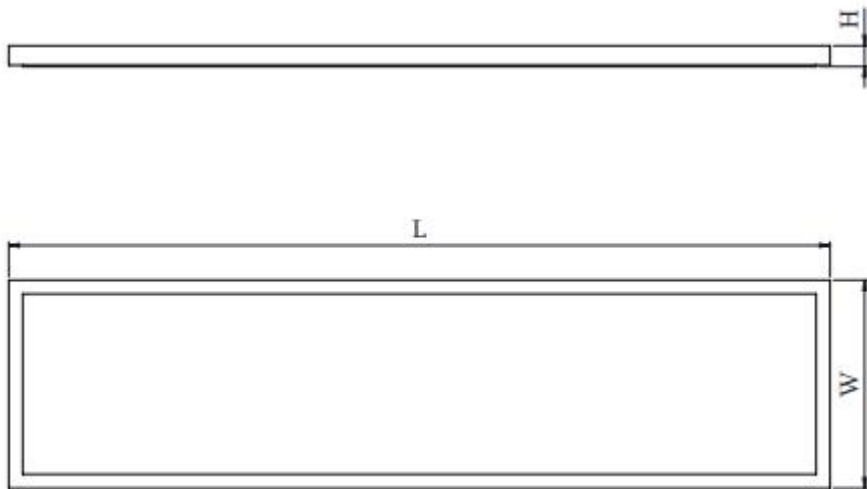


## UGR Table

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	17.4	19.0	17.7	19.2	19.4	16.8	18.3	17.0	18.5	18.7	
3H	19.3	20.7	19.6	21.0	21.2	18.4	19.8	18.7	20.1	20.3	
4H	20.0	21.4	20.3	21.6	21.9	19.1	20.4	19.4	20.7	21.0	
6H	20.5	21.8	20.9	22.1	22.4	19.6	20.9	19.9	21.1	21.4	
8H	20.7	22.0	21.1	22.3	22.6	19.7	21.0	20.1	21.3	21.6	
12H	20.8	22.0	21.2	22.3	22.6	19.9	21.1	20.2	21.4	21.7	
4H	2H	18.0	19.4	18.3	19.6	19.9	17.5	18.9	17.8	19.1	19.4
3H	20.0	21.2	20.4	21.5	21.8	19.3	20.5	19.6	20.8	21.1	
4H	20.9	22.0	21.3	22.3	22.7	20.1	21.2	20.5	21.5	21.9	
6H	21.6	22.6	22.0	22.9	23.3	20.7	21.7	21.1	22.1	22.4	
8H	21.8	22.7	22.2	23.1	23.5	21.0	21.9	21.4	22.3	22.6	
12H	22.0	22.8	22.4	23.2	23.6	21.1	22.0	21.6	22.4	22.8	
8H	4H	21.1	22.1	21.5	22.4	22.8	20.4	21.4	20.8	21.7	22.1
6H	22.0	22.8	22.4	23.2	23.6	21.2	22.0	21.7	22.4	22.9	
8H	22.3	23.0	22.8	23.4	23.9	21.6	22.3	22.0	22.7	23.1	
12H	22.6	23.2	23.1	23.6	24.1	21.9	22.4	22.3	22.9	23.4	
12H	4H	21.1	22.0	21.6	22.4	22.8	20.5	21.3	20.9	21.7	22.1
6H	22.0	22.7	22.5	23.2	23.6	21.3	22.0	21.8	22.4	22.9	
8H	22.4	23.0	22.9	23.5	23.9	21.7	22.3	22.2	22.8	23.2	
Variations with the observer position at spacings (CIE Pub.117):											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2					
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.3					

## Product Dimensions (L x W x H)

1200x300x35mm (Tol.  $\pm 5$ mm)



## Applications

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