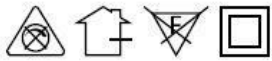


**ESTUS 18W**

ESTUS SWIVEL  
Indoor Luminaire  
Product Code:

LETS36R018XC / LETS36R018XN / LETS36R018XW  
18W - 1710lm - 6500K - CRI>80 - Beam Angle 36°



**Technical Specifications**

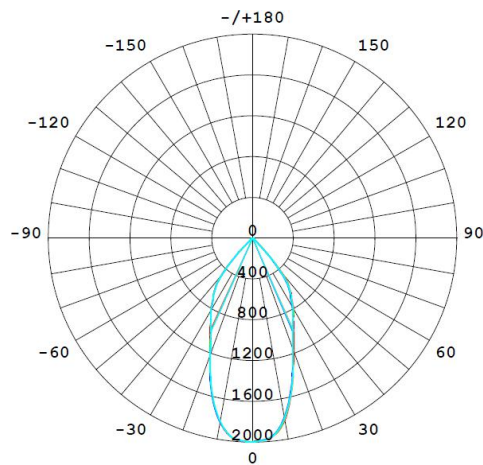
Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	220 ~ 240 V/AC, 50Hz
Rated Input Wattage	18W
Rated Input Current	0.085 Amp (Nominal)
Power Factor	≥0.90
THD	<10%
Rated Luminous Flux	≥ 1710 lm / 1620 lm / 1530 lm (tolerance as per BIS)
Rated Luminaire Efficacy	≥ 95 lm/W / 90 lm/W / 85 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	36°
Driver Efficiency	≥85%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	Die Cast Aluminium with White Powder Coating
Lens / Reflector	PC Lens & Reflector
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

All technical data is subject to industry-standard tolerances.

# Light Distribution



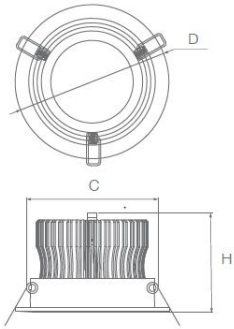
## UGR Table

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	9.9	10.9	10.1	11.1	11.2	9.6	10.6	9.8	10.8	10.9
3H	9.8	10.8	10.1	11.0	11.2	9.6	10.5	9.8	10.7	10.9
4H	9.8	10.7	10.1	10.9	11.2	9.6	10.5	9.9	10.7	10.9
6H	9.8	10.6	10.1	10.9	11.1	9.6	10.4	9.9	10.7	10.9
8H	9.8	10.6	10.1	10.9	11.1	9.6	10.4	9.9	10.6	10.9
12H	9.8	10.6	10.1	10.8	11.1	9.6	10.4	9.9	10.6	10.9
4H 2H	9.7	10.6	10.0	10.8	11.0	9.4	10.3	9.7	10.5	10.7
3H	9.7	10.4	10.0	10.7	11.0	9.4	10.2	9.8	10.5	10.7
4H	9.7	10.4	10.1	10.7	11.0	9.5	10.2	9.8	10.5	10.8
6H	9.8	10.4	10.2	10.7	11.1	9.6	10.2	10.0	10.5	10.9
8H	9.8	10.4	10.2	10.7	11.1	9.6	10.2	10.0	10.5	10.9
12H	9.8	10.3	10.2	10.7	11.1	9.7	10.2	10.1	10.5	10.9
8H 4H	9.7	10.2	10.1	10.6	10.9	9.4	10.0	9.8	10.3	10.7
6H	9.8	10.2	10.2	10.6	11.0	9.6	10.0	10.0	10.4	10.8
8H	9.8	10.2	10.3	10.6	11.1	9.7	10.1	10.1	10.5	10.9
12H	9.9	10.2	10.4	10.7	11.2	9.8	10.1	10.2	10.5	11.0
12H 4H	9.6	10.1	10.0	10.5	10.9	9.4	9.9	9.8	10.3	10.7
6H	9.7	10.1	10.2	10.6	11.0	9.6	10.0	10.0	10.4	10.8
8H	9.8	10.2	10.3	10.6	11.1	9.7	10.0	10.1	10.5	10.9
Variations with the observer position at spacings (CIE Pub.117):										
S = 1.0H	+ 2.5 / - 5.8					+ 2.6 / - 5.3				
1.5H	+ 4.9 / - 5.9					+ 5.0 / - 5.4				
2.0H	+ 4.7 / - 1.0					+ 3.9 / - 0.7				

## Product Dimensions (DiaxH)

Ø138x85Mm (Tol. ± 5 mm), Cutout Size Ø118mm

### Line Diagram



## Applications

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