

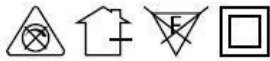
ESTUS 9W

ESTUS SWIVEL

Indoor Luminaire
Product Code:

LETS36R009XC / LETS36R009XN / LETS36R009XW

9W - 810lm - 6500K - CRI>80 - Beam Angle 36°


Technical Specifications

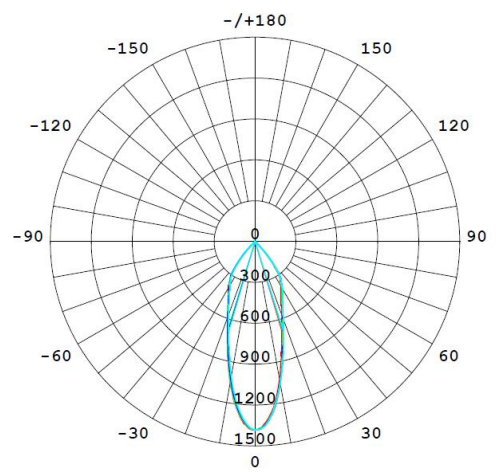
Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	220 ~ 240 V/AC, 50Hz
Rated Input Wattage	9W
Rated Input Current	0.028 Amp (Nominal)
Power Factor	≥0.90
THD	<15%
Rated Luminous Flux	≥ 810 lm / 765 lm / 720 lm (tolerance as per BIS)
Rated Luminaire Efficacy	≥ 90 lm/W / 85 lm/W / 80 lm/W (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

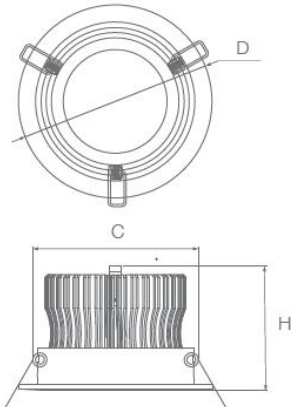
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	9.4	10.3	9.6	10.5	10.7	9.7	10.6	9.9	10.8	11.0
3H	9.3	10.2	9.5	10.4	10.6	9.6	10.4	9.8	10.6	10.8
4H	9.2	10.1	9.5	10.3	10.5	9.5	10.4	9.8	10.6	10.8
6H	9.2	10.0	9.5	10.2	10.5	9.5	10.3	9.8	10.5	10.8
8H	9.2	10.0	9.5	10.2	10.5	9.5	10.2	9.8	10.5	10.8
12H	9.2	9.9	9.6	10.2	10.5	9.5	10.2	9.8	10.5	10.7
4H 2H	9.2	10.0	9.4	10.2	10.4	9.4	10.3	9.7	10.5	10.7
3H	9.1	9.8	9.4	10.1	10.3	9.3	10.1	9.7	10.3	10.6
4H	9.1	9.7	9.4	10.0	10.3	9.3	10.0	9.7	10.3	10.6
6H	9.1	9.6	9.4	10.0	10.3	9.3	9.9	9.7	10.2	10.6
8H	9.1	9.6	9.5	10.0	10.3	9.4	9.9	9.7	10.2	10.6
12H	9.1	9.6	9.6	10.0	10.4	9.4	9.9	9.8	10.2	10.6
8H 4H	9.0	9.5	9.3	9.8	10.2	9.2	9.8	9.6	10.1	10.5
6H	9.0	9.4	9.4	9.8	10.3	9.3	9.7	9.7	10.1	10.5
8H	9.1	9.5	9.5	9.9	10.3	9.3	9.7	9.8	10.1	10.6
12H	9.2	9.5	9.6	9.9	10.4	9.4	9.7	9.9	10.2	10.6
12H 4H	8.9	9.4	9.3	9.8	10.2	9.2	9.7	9.6	10.0	10.4
6H	9.0	9.4	9.4	9.8	10.2	9.2	9.6	9.7	10.0	10.5
8H	9.1	9.4	9.5	9.8	10.3	9.3	9.6	9.8	10.1	10.5
Variations with the observer position at spacings (CIE Pub.117):										
S = 1.0H	+ 2.7 / - 6.5					+ 2.8 / - 7.1				
1.5H	+ 5.3 / - 6.3					+ 5.4 / - 6.8				
2.0H	+ 3.2 / - 0.9					+ 4.8 / - 1.2				

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 (DiaxH)

Ø84x65Mm (Tol. ± 5 mm), Cutout Size Ø74mm

Line Diagram



Applications

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