



BATH + LIGHT

ESTUS 24W

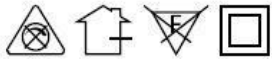
ESTUS SWIVEL

Indoor Luminaire

Product Code:

LETS36R024XC / LETS36R024XN / LETS36R024XW

24W - 2400lm - 6500K - CRI>80 Ra - Beam Angle 36°



Technical Specifications

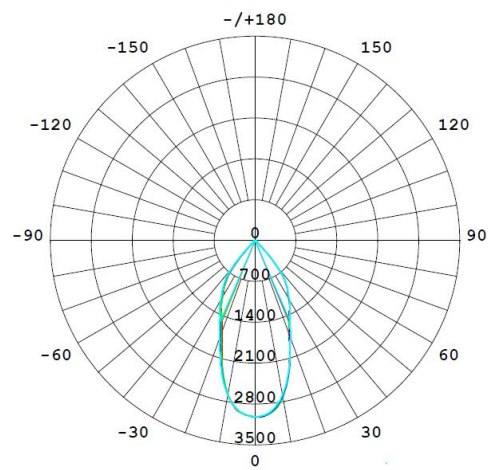
Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	220 ~ 240 V/AC, 50Hz
Rated Input Wattage	24W \pm 10%
Rated Input Current	0.110 Amp (Nominal)
Power Factor	\geq 0.90
ATHD	<10%
Rated Luminous Flux	\geq 2400 lm / 2280 lm / 2160 lm (tolerance as per BIS)
Rated Luminaire Efficacy	\geq 100 lm/W / 95 lm/W / 90 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° (within the permissible limits)
Driver Efficiency	\geq 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	\pm 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

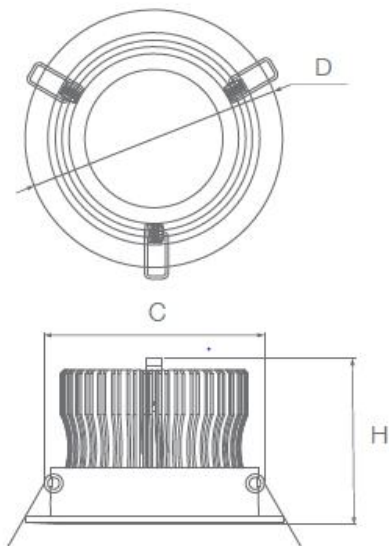
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	Viewed crosswise					Viewed endwise					
x = 2H y = 2H	2H	21.9	22.9	22.1	23.0	23.2	21.6	22.6	21.8	22.8	22.9
	3H	21.9	22.8	22.2	23.0	23.3	21.7	22.6	22.0	22.8	23.0
	4H	22.0	22.9	22.3	23.1	23.3	21.8	22.6	22.0	22.8	23.1
	6H	22.1	22.9	22.4	23.1	23.4	21.8	22.6	22.1	22.9	23.1
	8H	22.1	22.9	22.4	23.1	23.4	21.9	22.6	22.2	22.9	23.2
	12H	22.1	22.9	22.5	23.2	23.4	21.9	22.7	22.2	22.9	23.2
4H	2H	21.7	22.6	22.0	22.8	23.0	21.5	22.3	21.7	22.6	22.8
	3H	21.9	22.6	22.2	22.9	23.2	21.6	22.4	22.0	22.7	22.9
	4H	22.0	22.7	22.3	23.0	23.3	21.8	22.5	22.1	22.8	23.1
	6H	22.2	22.8	22.5	23.1	23.4	22.0	22.6	22.3	22.9	23.2
	8H	22.2	22.8	22.6	23.1	23.5	22.1	22.6	22.5	23.0	23.3
	12H	22.3	22.9	22.8	23.2	23.6	22.2	22.7	22.6	23.0	23.4
8H	4H	22.0	22.5	22.4	22.9	23.3	21.8	22.3	22.2	22.7	23.1
	6H	22.2	22.7	22.7	23.1	23.5	22.1	22.5	22.5	22.9	23.3
	8H	22.4	22.8	22.8	23.2	23.6	22.2	22.6	22.7	23.0	23.5
	12H	22.6	22.9	23.0	23.4	23.8	22.4	22.8	22.9	23.2	23.7
12H	4H	22.0	22.5	22.4	22.8	23.2	21.8	22.3	22.2	22.6	23.0
	6H	22.2	22.6	22.7	23.1	23.5	22.1	22.5	22.5	22.9	23.3
	8H	22.4	22.8	22.9	23.2	23.7	22.3	22.6	22.7	23.0	23.5
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 2.5 / - 4.1					+ 2.5 / - 3.8					
1.5H	+ 4.9 / - 4.0					+ 4.9 / - 3.8					
2.0H	+ 1.1 / - 0.4					+ 0.5 / - 0.3					

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)

Ø138x85 mm (Tol. ± 5 mm), Cutout Size Ø118 mm

Line Diagram



Applications

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