



BATH + LIGHT

ERIS SURFACE 12W

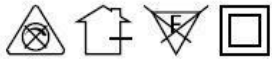
ERIS SURFACE

Indoor Luminaire

Product Code:

LERSWG012SC / LERSWGS012SN / LERSWGS012SW

12W - 900lm - 6500K - CRI>90 Ra- Beam Angle 30°



Technical Specifications

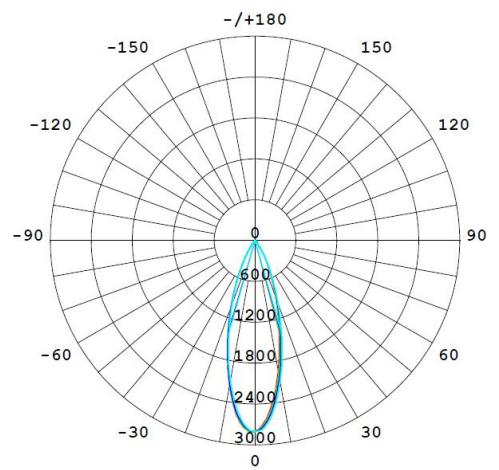
Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	230 VAC, 50Hz
Rated Input Wattage	12W \pm 10%
Rated Input Current	0.058 Amp (Nominal)
Power Factor	\geq 0.90
THD	<15%
Rated Luminous Flux	900 lm / 840 lm / 780 lm (tolerance as per BIS)
Rated Luminaire Efficacy	75 lm/W / 70 lm/W / 65 lm/W (tolerance as per BIS)
Correlated Color Temperature (CCT)	6500 K / 4000 K / 3000 K (tolerance as per ANSI)
Color Rendering Index (CRI)	>90 Ra
Beam Angle	30° (within the permissible limits)
Driver Efficiency	\geq 80%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	Aluminium Housing with White Powder Coating
Lens / Reflector	Reflector
Mounting	Surface

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	13.2	13.9	13.4	14.1	14.2	13.2	14.0	13.4	14.2	14.3
	3H	13.0	13.7	13.3	13.9	14.1	13.1	13.8	13.3	14.0	14.2
	4H	12.9	13.6	13.2	13.8	14.0	13.0	13.7	13.3	13.9	14.1
	6H	12.8	13.5	13.1	13.7	14.0	12.9	13.5	13.2	13.8	14.0
	8H	12.8	13.4	13.1	13.7	13.9	12.9	13.5	13.2	13.7	14.0
	12H	12.7	13.3	13.1	13.6	13.9	12.8	13.4	13.1	13.7	13.9
4H	2H	13.0	13.6	13.2	13.9	14.1	13.0	13.7	13.3	13.9	14.2
	3H	12.8	13.4	13.1	13.7	13.9	12.9	13.5	13.2	13.7	14.0
	4H	12.7	13.3	13.1	13.5	13.8	12.8	13.3	13.1	13.6	13.9
	6H	12.6	13.1	13.0	13.4	13.8	12.7	13.2	13.1	13.5	13.8
	8H	12.6	13.0	12.9	13.4	13.7	12.6	13.1	13.0	13.4	13.8
	12H	12.5	12.9	12.9	13.3	13.7	12.6	13.0	13.0	13.3	13.7
8H	4H	12.6	13.0	12.9	13.4	13.7	12.6	13.1	13.0	13.4	13.8
	6H	12.5	12.8	12.9	13.2	13.6	12.5	12.9	12.9	13.3	13.7
	8H	12.4	12.7	12.8	13.1	13.6	12.5	12.8	12.9	13.2	13.6
	12H	12.3	12.6	12.8	13.1	13.5	12.4	12.7	12.9	13.1	13.6
12H	4H	12.5	12.9	12.9	13.3	13.7	12.6	13.0	13.0	13.3	13.7
	6H	12.4	12.7	12.8	13.1	13.6	12.5	12.8	12.9	13.2	13.6
	8H	12.3	12.6	12.8	13.1	13.5	12.4	12.7	12.9	13.1	13.6
Variations with the observer position at spacings(CIE Pub.117) :											
S = 1.0H	+ 3.1 / - 6.9						+ 3.5 / - 7.8				
1.5H	+ 5.2 / - 4.8						+ 5.7 / - 5.3				
2.0H	+ 3.1 / - 3.4						+ 3.5 / - 4.1				

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 (L x W x H)

73 X 73 X 95 mm (Tol. ± 5 mm)



Applications

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