

ERIS 02 10W

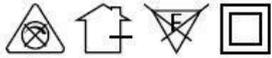
ERIS DEEP RECESSED SPOT LIGHT

Indoor Luminaire

Product Code:

LERS02R010XC/LERS02R010XN/LERS02R010XW

10W - 900m - 6500K - CRI>80 - Beam Angle 24°



Technical Specifications

Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	220 ~ 240 VAC, 50Hz
Rated Input Wattage	10W ± 10%
Rated Input Current	0.046 Amp (Nominal)
Power Factor	≥0.9
THD	<15%
Rated Luminous Flux	900 lm / 850 lm / 800 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)	>90
Beam Angle	24°
Driver Efficiency	>85%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	Aluminium Housing with White/Black Powder Coating
Lens / Reflector	PC Diffuser
Mounting	Recessed

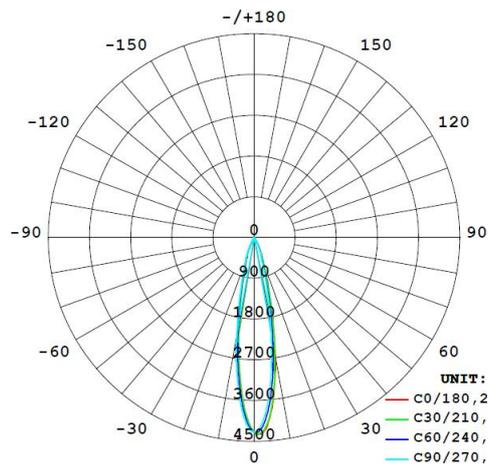
Protections

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.

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.

Light Distribution

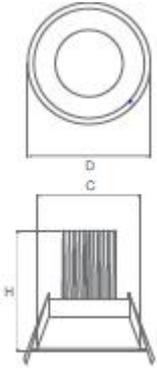


UGR Table

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	2.8	3.5	3.0	3.7	3.8	2.4	3.1	2.6	3.3	3.4
3H	3.9	4.6	4.2	4.8	5.0	3.5	4.2	3.8	4.4	4.6
4H	4.4	5.0	4.6	5.2	5.4	3.9	4.6	4.2	4.8	5.0
6H	4.6	5.2	4.9	5.4	5.7	4.1	4.7	4.4	5.0	5.2
8H	4.7	5.2	5.0	5.5	5.7	4.2	4.7	4.4	5.0	5.2
12H	4.7	5.2	5.0	5.5	5.7	4.1	4.7	4.4	4.9	5.2
4H 2H	3.3	3.9	3.6	4.2	4.4	3.0	3.6	3.2	3.8	4.0
3H	4.6	5.2	4.9	5.4	5.7	4.3	4.8	4.6	5.1	5.4
4H	5.1	5.6	5.5	5.9	6.2	4.8	5.3	5.1	5.6	5.9
6H	5.5	5.9	5.8	6.2	6.6	5.0	5.5	5.4	5.8	6.2
8H	5.5	6.0	5.9	6.3	6.7	5.1	5.5	5.5	5.8	6.2
12H	5.5	5.9	5.9	6.3	6.7	5.0	5.4	5.4	5.8	6.2
8H 4H	5.3	5.7	5.7	6.0	6.4	4.9	5.4	5.3	5.7	6.1
6H	5.7	6.0	6.1	6.4	6.8	5.3	5.6	5.7	6.0	6.4
8H	5.8	6.1	6.2	6.5	7.0	5.4	5.7	5.8	6.1	6.5
12H	5.8	6.1	6.3	6.5	7.0	5.3	5.6	5.8	6.0	6.5
12H 4H	5.2	5.6	5.7	6.0	6.4	4.9	5.3	5.3	5.7	6.1
6H	5.7	6.0	6.1	6.4	6.8	5.3	5.6	5.7	6.0	6.5
8H	5.8	6.1	6.3	6.5	7.0	5.4	5.6	5.8	6.1	6.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				
2.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.5				

Product Dimensions (DiaxH)

Ø 72 x 92mm (Tol. ± 5 mm), Cutout Size 69mm



Applications

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