



BATH + LIGHT

ORELLI SLIM 12W

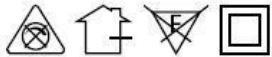
Orelli Slim Magnetic Track Light

Indoor Luminaire

Product Code:

LORLS24R12XC / LORLS24R12XN / LORLS24R12XW

12W - 960lm - 6500K - CRI>80 Ra - Beam Angle 36°



Technical Specifications

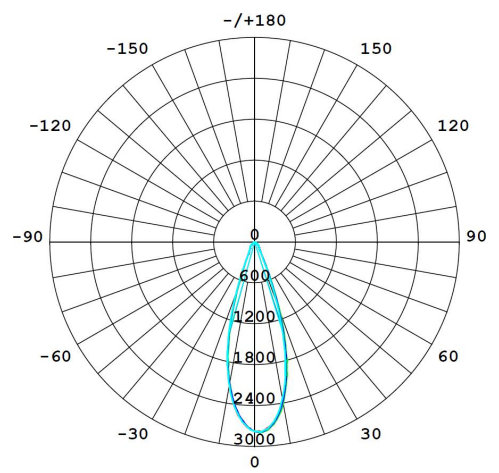
Operating Temperature	-10°C to 45°C
Rated Input Voltage & Frequency	48V DC
Rated Input Wattage	12W \pm 10%
Rated Input Current	0.250 Amp (Nominal)
Rated Luminous Flux	960 lm / 900 lm / 840 lm (tolerance as per BIS)
Rated Luminaire Efficacy	80 lm/W / 75 lm/W / 70 lm/W (tolerance as per BIS)
Correlated 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 88%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	Die Cast Aluminium & Polycarbonate
Lens / Reflector	Polycarbonate Clear Diffuser with Lens
Mounting	Surface with Magnetic Track Channel

Protections

Surge Protection	\pm 2.0KV
Ingress Protection (IP Rating)	IP20
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



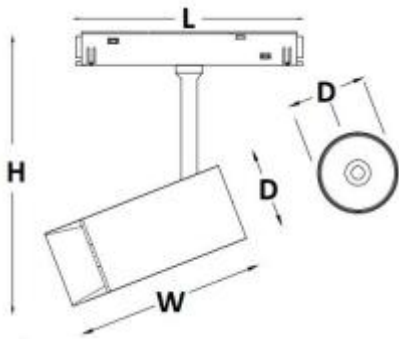
UGR Table

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	23.4	24.2	23.6	24.3	24.5	23.6	24.4	23.8	24.6	24.8
	3H	23.3	24.1	23.6	24.3	24.5	23.6	24.4	23.9	24.6	24.8
	4H	23.3	24.0	23.5	24.2	24.4	23.6	24.3	23.8	24.5	24.7
	6H	23.2	23.9	23.5	24.1	24.3	23.5	24.1	23.8	24.4	24.6
	8H	23.1	23.8	23.4	24.0	24.3	23.4	24.1	23.7	24.3	24.6
	12H	23.1	23.7	23.4	24.0	24.2	23.4	24.0	23.7	24.3	24.5
4H	2H	23.5	24.2	23.8	24.5	24.7	23.8	24.5	24.0	24.7	24.9
	3H	23.5	24.1	23.8	24.4	24.7	23.8	24.4	24.1	24.7	24.9
	4H	23.4	24.0	23.7	24.3	24.6	23.7	24.2	24.0	24.5	24.8
	6H	23.3	23.8	23.7	24.1	24.5	23.6	24.1	23.9	24.4	24.7
	8H	23.2	23.7	23.6	24.1	24.4	23.5	24.0	23.9	24.3	24.7
	12H	23.2	23.6	23.6	24.0	24.4	23.5	23.9	23.9	24.3	24.7
8H	4H	23.3	23.7	23.6	24.1	24.4	23.5	24.0	23.9	24.3	24.7
	6H	23.1	23.5	23.6	23.9	24.3	23.4	23.8	23.8	24.2	24.6
	8H	23.1	23.4	23.5	23.8	24.3	23.4	23.7	23.8	24.1	24.6
	12H	23.0	23.3	23.5	23.8	24.2	23.3	23.6	23.8	24.0	24.5
12H	4H	23.2	23.6	23.6	24.0	24.4	23.5	23.9	23.9	24.3	24.7
	6H	23.1	23.4	23.5	23.8	24.3	23.4	23.7	23.8	24.1	24.6
	8H	23.0	23.3	23.5	23.8	24.2	23.3	23.6	23.8	24.0	24.5
Variations with the observer position at spacings(CIE Pub.117) :											
S = 1.0H	+ 1.1 / - 1.4						+ 0.9 / - 1.2				
1.5H	+ 0.4 / - 0.5						+ 0.4 / - 0.5				
2.0H	+ 1.8 / - 2.9						+ 1.7 / - 2.7				

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), Light Dia. (D)

118 X 100 X 135 mm (Tol. ± 5 mm), $\varnothing 45$ mm (Tol. ± 2 mm)



Applications

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