



BATH + LIGHT



TRACK LIGHT 30W

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Indoor Luminaire

Product Code:

LTRLW1R030XC / LTRLW1R030XN / LTRLW1R030XW

30W - 2550lm - 5000K - CRI>90 Ra - Beam Angle - 40°



Technical Specifications

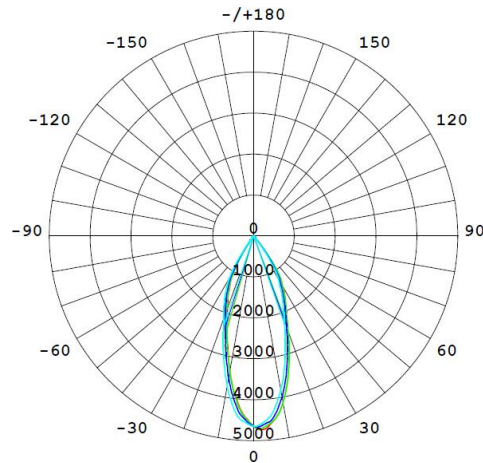
Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	220-240 VAC, 50Hz
Rated Input Wattage	30W ± 10%
Rated Input Current	0.138 Amp (Nominal)
Power Factor	≥0.90
ATHD	<15%
Rated Luminous Flux	2550 lm / 2400 lm / 2250 lm (tolerance as per BIS)
Rated Luminaire Efficacy	85 lm/W / 80 lm/W / 75 lm/W (tolerance as per BIS)
Correlated Color Temperature (CCT)	5000 K / 4000 K / 3000 K (tolerance as per ANSI)
Color Rendering Index (CRI)	>90 Ra
Beam Angle	40° (within the permissible limits)
Driver Efficiency	≥80%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	Die Cast Aluminium with Powder Coating
Lens / Reflector	Anodized Reflector with Transparent Glass Diffuser
Mounting	3Line Track Channel

Protections

Over Voltage Protection	Withstand upto 360V/AC for 4 Hrs.
Surge Protection	±2.5KV
Protection Class	Class I
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

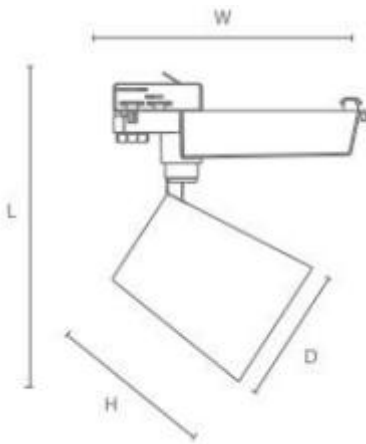


UGR Table

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	23.3	24.2	23.5	24.3	24.5	22.1	22.9	22.3	23.1	23.3	
3H	23.2	23.9	23.4	24.1	24.3	22.1	22.8	22.3	23.0	23.2	
4H	23.1	23.8	23.4	24.0	24.3	22.0	22.7	22.3	23.0	23.2	
6H	23.0	23.7	23.3	23.9	24.2	21.9	22.6	22.2	22.9	23.1	
8H	23.0	23.6	23.3	23.9	24.1	21.9	22.5	22.2	22.8	23.1	
12H	22.9	23.6	23.2	23.8	24.1	21.8	22.5	22.1	22.7	23.0	
4H	2H	23.1	23.8	23.4	24.0	24.3	21.9	22.6	22.1	22.8	23.0
3H	22.9	23.6	23.2	23.8	24.1	21.8	22.5	22.2	22.7	23.0	
4H	22.8	23.4	23.2	23.7	24.0	21.8	22.4	22.1	22.7	23.0	
6H	22.8	23.3	23.1	23.6	23.9	21.7	22.2	22.1	22.6	22.9	
8H	22.7	23.2	23.1	23.5	23.9	21.7	22.1	22.0	22.5	22.8	
12H	22.6	23.1	23.1	23.5	23.8	21.6	22.0	22.0	22.4	22.8	
8H	4H	22.7	23.2	23.1	23.5	23.9	21.7	22.1	22.0	22.5	22.8
6H	22.6	23.0	23.0	23.4	23.8	21.6	22.0	22.0	22.3	22.8	
8H	22.5	22.9	23.0	23.3	23.7	21.5	21.8	21.9	22.3	22.7	
12H	22.5	22.8	23.0	23.2	23.7	21.4	21.7	21.9	22.2	22.7	
12H	4H	22.7	23.1	23.1	23.5	23.8	21.6	22.0	22.0	22.4	22.8
6H	22.5	22.9	23.0	23.3	23.7	21.5	21.8	21.9	22.3	22.7	
8H	22.5	22.8	23.0	23.2	23.7	21.4	21.7	21.9	22.2	22.7	
Variations with the observer position at spacings (CIE Pub.117) :											
S = 1.0H	+ 4.8 / - 10.2					+ 2.9 / - 2.7					
1.5H	+ 7.4 / - 9.2					+ 5.2 / - 3.1					
2.0H	+ 3.9 / - 2.1					+ 1.4 / - 2.4					

Product Dimensions (L x W x H)

268 X 240 X 131 mm (tol.±5 mm)



Applications

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