



BATH + LIGHT

TRACK LIGHT 20W

TRACK LIGHT

Indoor Luminaire

Product Code:

LTRLB1R020XC / LTRLB1R020XN / LTRLB1R020XW

20W - 1700lm - 5000K - CRI>90 Ra - Beam Angle - 40°



Technical Specifications

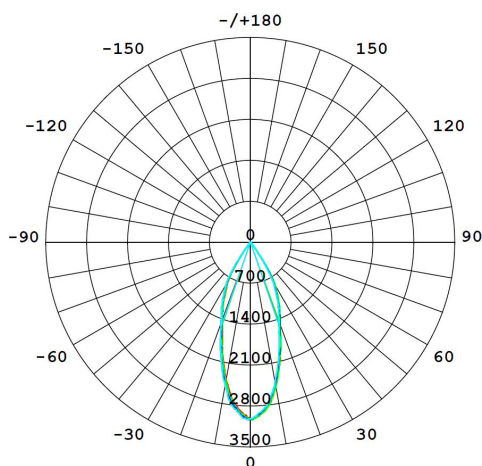
Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	220-240 VAC, 50Hz
Rated Input Wattage	20W ± 10%
Rated Input Current	0.092 Amp (Nominal)
Power Factor	≥0.90
ATHD	<15%
Rated Luminous Flux	1700 lm / 1600 lm / 1500 lm (tolerance as per BIS)
Rated Luminaire Efficacy	85 lm/W / 80 lm/W / 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

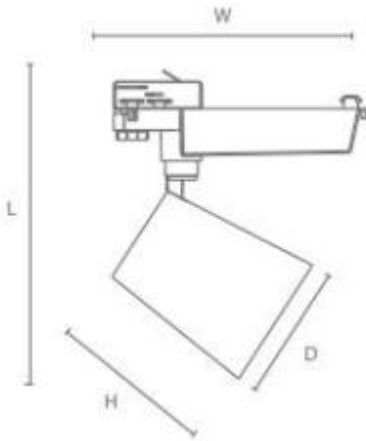


UGR Table

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	16.4	17.3	16.6	17.4	17.6	15.2	16.1	15.4	16.2	16.4	
3H	16.3	17.1	16.5	17.3	17.5	15.1	15.9	15.3	16.1	16.3	
4H	16.2	16.9	16.5	17.2	17.4	15.0	15.7	15.3	16.0	16.2	
6H	16.1	16.8	16.4	17.0	17.3	14.9	15.6	15.2	15.8	16.1	
8H	16.1	16.7	16.4	17.0	17.2	14.9	15.5	15.2	15.8	16.0	
12H	16.0	16.7	16.3	16.9	17.2	14.8	15.5	15.1	15.7	16.0	
4H	2H	16.2	16.9	16.5	17.1	17.4	15.0	15.7	15.3	15.9	16.2
3H	16.1	16.7	16.4	17.0	17.2	14.9	15.5	15.2	15.8	16.0	
4H	16.0	16.5	16.3	16.8	17.1	14.8	15.4	15.1	15.7	16.0	
6H	15.9	16.4	16.2	16.7	17.1	14.7	15.2	15.1	15.5	15.9	
8H	15.8	16.3	16.2	16.6	17.0	14.6	15.1	15.0	15.5	15.8	
12H	15.8	16.2	16.2	16.6	17.0	14.6	15.0	15.0	15.4	15.8	
8H	4H	15.8	16.3	16.2	16.6	17.0	14.6	15.1	15.0	15.5	15.8
6H	15.7	16.1	16.1	16.5	16.9	14.5	14.9	15.0	15.3	15.7	
8H	15.7	16.0	16.1	16.4	16.9	14.5	14.8	14.9	15.2	15.7	
12H	15.6	15.9	16.1	16.3	16.8	14.4	14.7	14.9	15.2	15.6	
12H	4H	15.8	16.2	16.2	16.6	17.0	14.6	15.0	15.0	15.4	15.8
6H	15.7	16.0	16.1	16.4	16.9	14.5	14.8	14.9	15.2	15.7	
8H	15.6	15.9	16.1	16.3	16.8	14.4	14.7	14.9	15.2	15.6	
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 5.1 / - 6.0					+ 3.5 / - 4.3					
1.5H	+ 7.6 / - 4.8					+ 5.5 / - 3.1					
2.0H	+ 2.1 / - 1.9					+ 1.9 / - 1.8					

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.