



## BATH + LIGHT

### TUBE LIGHT 20W

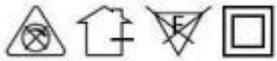
T8 LED Tube Light

Indoor Luminaire

Product Code:

LTBL01X020XC / LTBL01X020XN / LTBL01X020XW

20W - 2000lm - 6500K - CRI>80 Ra - Beam Angle - 130°



### Technical Specifications

Operating Temperature	-10°C to 45°C
Rated Input Voltage & Frequency	220-240 VAC, 50Hz
Rated Input Wattage	20W ± 10%
Rated Input Current	0.095 Amp (Nominal)
Power Factor	≥0.90
ATHD	<15%
Rated Luminous Flux	2000 lm / 1900 lm / 1800 lm (tolerance as per BIS)
Rated Luminaire Efficacy	100 lm/W / 95 lm/W / 90 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	130° (within the permissible limits)
Driver Efficiency	≥80%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	Aluminum Extrusion with Powder Coating
Lens / Reflector	PC Diffuser
Mounting	Surface

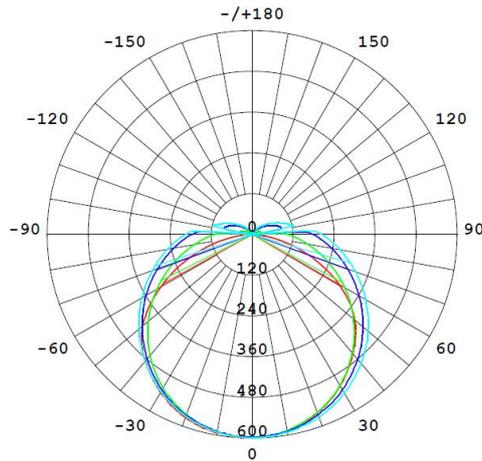
### Protections

Over Voltage Protection	Withstand upto 300V/AC for 4 Hrs.
Surge Protection	±2.5KV
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	15.3	16.9	15.7	17.2	17.6	16.5	18.0	16.9	18.4	18.8	
3H	17.0	18.4	17.4	18.8	19.2	19.0	20.5	19.5	20.8	21.2	
4H	17.6	19.0	18.1	19.4	19.8	20.4	21.8	20.8	22.1	22.6	
6H	18.0	19.3	18.5	19.7	20.2	21.9	23.2	22.3	23.6	24.0	
8H	18.1	19.4	18.6	19.8	20.3	22.7	23.9	23.2	24.4	24.8	
12H	18.2	19.4	18.7	19.8	20.3	23.7	24.8	24.1	25.3	25.8	
4H	2H	16.3	17.6	16.7	18.0	18.4	17.2	18.5	17.6	18.9	19.3
3H	18.2	19.4	18.7	19.8	20.3	19.9	21.1	20.4	21.5	22.0	
4H	19.1	20.2	19.6	20.6	21.1	21.5	22.6	22.0	23.0	23.5	
6H	19.7	20.7	20.2	21.2	21.7	23.2	24.2	23.7	24.7	25.2	
8H	19.9	20.8	20.5	21.4	21.9	24.1	25.1	24.7	25.6	26.1	
12H	20.0	20.9	20.6	21.4	22.0	25.2	26.1	25.8	26.6	27.2	
8H	4H	19.9	20.8	20.5	21.4	21.9	21.9	22.8	22.4	23.3	23.9
6H	21.0	21.8	21.5	22.3	22.9	23.9	24.7	24.4	25.2	25.8	
8H	21.4	22.1	22.0	22.7	23.3	25.1	25.7	25.6	26.3	26.9	
12H	21.8	22.4	22.4	22.9	23.6	26.4	27.0	27.0	27.6	28.2	
12H	4H	20.2	21.0	20.7	21.6	22.1	21.9	22.8	22.5	23.3	23.9
6H	21.4	22.1	22.0	22.7	23.3	24.0	24.7	24.6	25.3	25.9	
8H	22.1	22.7	22.7	23.3	23.9	25.3	25.9	25.9	26.5	27.1	
Variations with the observer position at spacings (CIE Pub.117):											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4					

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 Dia.)

1200 X Ø32.5 (Tol.±5 mm)



## Applications

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