

Project:	Catalogue #:	Type:
Notes:		

Product Description

The LHBT is a commercial grade high or low bay luminaire designed for recessed ceiling applications. It is available in 2x2 and 2x4 configurations with lens and wire guard options. The LHBT is the perfect high output LED option for general purpose lighting applications, commercial offices, retail merchandising and many other applications.

Applications

Schools, Retail Stores, Atriums, Warehouse and Storage

Features

- Lumen packages as high as 30000
- 50°C ambient operating temperature
- Standard low voltage dimming (0-10v)
- 80+ CRI
- 2x2 and 2x4 configuration
- 4000K Standard
- For use in insulated ceilings

Featured Options

- Emergency Lighting Battery Pack
- Wireguard

Optical System

Optional white translucent polycarbonate lens available, see order key.

Mounting

Holes provided for chain-mounting support to building structure. Lay-in type luminaire for exposed grid type acoustical ceiling structure.

Construction

Lay-in type luminaire for exposed grid type acoustical ceiling structure. Die-formed, code gauge pre-painted, white steel. Access plate for quick wiring.

Finish

White, polyester powder painted housing.

Electrical

Long life LEDs coupled with high efficiency drivers provide quality illumination. Rated to deliver L80 performance > 50,000 hours at 50 degree Celsius ambient temperature. CSA/UL approved electronic components.

Warranty

5 year limited warranty. For complete warranty, click here:

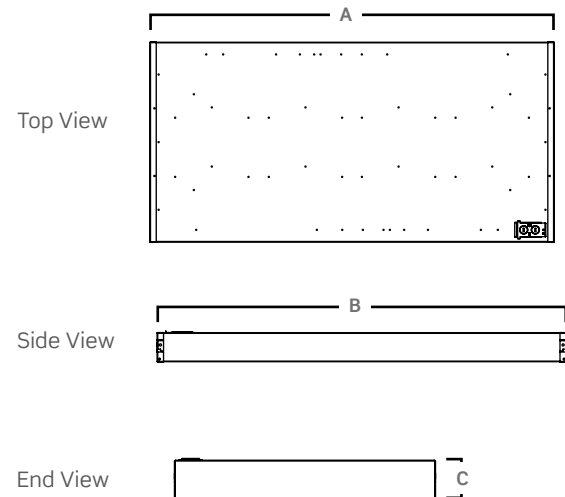


Approvals

- ETL listed for insulated ceilings.
- Tested in accordance to IESNA LM-79.
- Suitable for damp locations.



Dimensions



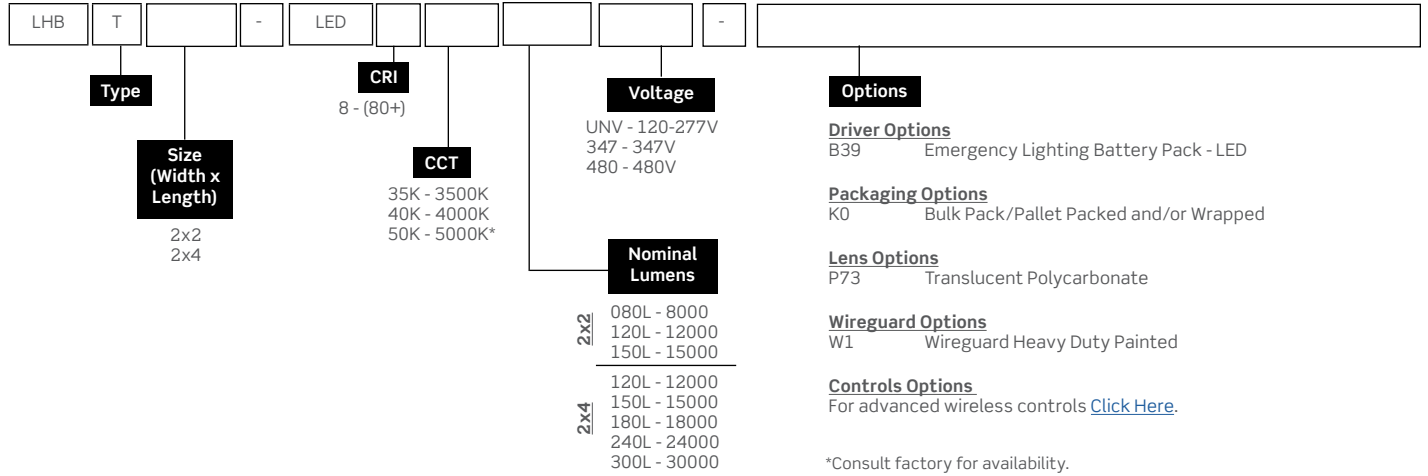
Size	A	B	C
2x2	23.75"	23.75"	3.50"
2x4	23.75"	47.75"	3.50"

Consult installation guide for exact dimensions.

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Order Key

EXAMPLE: LHBT2X4-LED840K150LUNV



Performance Data

LED Performance Data					
Size	Nominal Lumens	Delivered Lumens (no lens)	Delivered Lumens (P73)	Watts	Lumens Per Watt
2x2	8000	7637	6964	51.2	149.2
	12000	12138	10879	82.2	147.7
	15000	15274	133359	102.4	149.2
2x4	12000	12439	11216	80.7	154.1
	15000	15274	13990	102.4	149.2
	18000	18659	16656	121.1	154.1
	24000	24879	21758	161.5	154.1
	30000	30549	26717	204.7	149.2

Values based on 840K with standard lens at 25C

Performance Scaling Factor

	50K	40K	35K	30K
80CRI	1.000	1.000	0.960	0.946
90CRI	0.875	0.875	0.836	0.809