

LLB SERIES

MCTP

INDUSTRIAL LIGHTING

LLB-8FT-120W-MCTP-D
8FT Linear Low Bay



Main View



Shown With Reflector



Side View



Back View



Technical Drawing: 3.6" (D) x 92.8" (W) x 6.2" (H)

The LLB Series 8FT Linear Low Bay provides powerful and efficient illumination for larger commercial and industrial spaces. Its selectable 80W, 100W, and 120W power settings allow one model to cover multiple lighting requirements, while selectable CCT and 0-10V dimming support flexible design and control.

Customer Name:

Project Name:

Note:

Type:

FEATURES:

- Power and CCT selectable for jobsite flexibility
- High efficacy performance meets DLC Premium requirement
- 0-10V dimming for lighting control systems
- Quick Ship model
- Ideal for warehouses, retail spaces, corridors, supermarkets, and general low bay applications

SPECIFICATIONS:

ELECTRICAL

- Input Voltage: 120-277VAC
- Power Selectable: 80W / 100W / 120W
- Dimming: 0-10V dimming
- DC 12V auxiliary
- Lifespan: 50,000 Hours
- Warranty: 5 Years

LIGHTING

- CCT Selectable: 3500K / 4000K / 5000K
- Efficacy: 150 LM/W
- CRI: >80
- Beam Angle: 110°
- Smooth PMMA cover lens

MECHANICAL

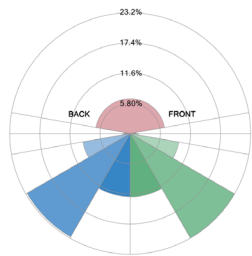
- 8FT linear low bay design
- 22-gauge metal housing
- Matte white painted finish
- Lens and LED board built-in-one design
- Suspension mount option
- V-hook included
- Dimensions: 92.8" L x 6.2" W x 3.6" H

APPLICATIONS:

- Warehouses and distribution centers
- Manufacturing and assembly facilities
- Retail stores and supermarkets
- Gymnasiums and recreational centers
- Workshops and service bays
- Storage facilities and utility buildings
- Commercial and industrial open-ceiling spaces
- Multi-purpose areas requiring adjustable light output and color temperature
- Retrofit and new construction low-bay lighting projects
- Energy-efficient lighting upgrades with customizable performance

PHOTOMETRICS

BUG rating



Rating: B4 U5 G3

Forward Light

Low (0-30°)	3044	12.2%
Medium (30-60°)	5801	23.2%
High (60-80°)	2376	9.51%
Very High (80-90°)	380.5	1.52%

Back Light

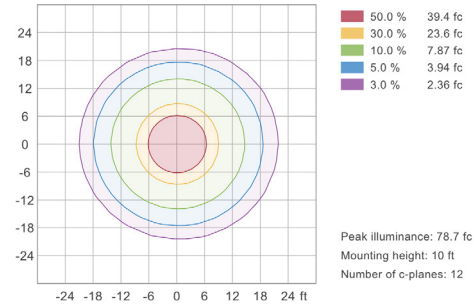
Low (0-30°)	3031	12.1%
Medium (30-60°)	5733	22.9%
High (60-80°)	2309	9.24%
Very High (80-90°)	356.8	1.43%

Uplight

Low (80-100°)	281.8	1.13%
High (100-180°)	1673	6.70%
Total		
Sum	24.98	100%

IESNA TM-15-07 Luminaire Classification System For Outdoor Luminaires

Iso-illuminance plot



BUG Rating: B4-U5-G3

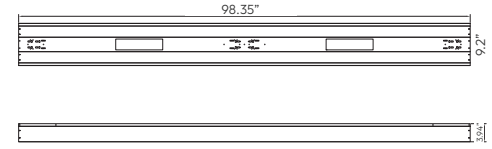
Area 24'x24'

Mounting Height: 9'

PERFORMANCE TABLE

MODEL NO.	WATTAGE	LUMEN	COLOR TEMP.	LPW	BUG
LLB-8FT-120W-MCTP-D	80W 100W 120W	12000 15000 18000	3500K 4000K 5000K	150	B4-U5-G3

ACCESSORIES

MODEL NO.	DESCRIPTION	IMAGE
LLB-8FT-REFL	8FT Linear Low Bay Reflector Accessory	  Technical Drawing: 3.94" (D) x 98.35" (W) x 9.2" (H)
	SPECIFICATIONS	DESCRIPTION
	MECHANICAL	- Reflector accessory for 8FT LLB linear low bay fixtures - Field-installed accessory - Compatible with 8FT LLB models
	FEATURES	- Optional reflector for 8FT linear low bay applications - Helps control light distribution in commercial and warehouse installations