

Linear High Bay

LHB SERIES • TUNABLE WATTAGE & CCT



LHB Series

FEATURES

- Color temperature field-selectable: **4K & 5K**
- 3-way wattage dip switch, field-selectable power
- 2835 LEDs with premium Sosen driver; up to 163 Lm/W
- 100,000-hour LED life; 75,000-hour rated life
- Die-formed steel housing, white polyester powder coat
- 90° matte lens, UGR <28; replaces up to 1,500W MH

APPLICATION

- Manufacturing & warehouses
- Retail & big-box stores
- Sports arenas & gymnasiums
- High-ceiling applications up to 50 ft



PARAMETERS

PF: >0.90

CRI: >80

Input voltage: 100–277V AC (50–60Hz)

Dimming: 0–10V

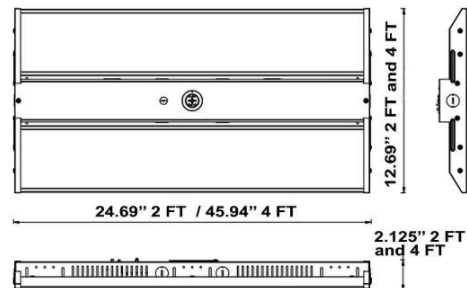
Beam angle: 90°

Rating: Damp Location

Mounting: V-hook & chain; pendant / aircraft cable optional

Operating temp.: -40°F ~ 122°F

DIMENSION



SPECIFICATIONS

Part Number	Size	Wattage	Color Temp.	Lumens	LM/W
LHB08-2FT110S-27-TCP	2 ft	80 / 95 / 110W	4K, 5K	12,640–16,500	150–158
LHB5-2FT225W-H2-TCP	2 ft	120 / 165 / 225W	4K, 5K	18,960–33,750	150–158
LHB5-4FT300W-H2-TCP	4 ft	165 / 225 / 300W	4K, 5K	26,895–45,000	150–163
LHB08-4FT400S-27-TCP	4 ft	270 / 340 / 400W	4K, 5K	42,660–60,000	150–158

EM (factory-installed emergency driver) available on 225W 2ft and 300W 4ft models. Sensor, pendant kit & surface mount sold separately — consult sales.
[See reverse for part-number key, accessories & photometric data.](#)

PART NUMBER KEY

LHB08 / LHB5 — product family code

2FT / 4FT — fixture length

110S / 225W / 300W / 400S — maximum field-selectable wattage

27 / H2 — universal 120–277V input

TCP — tunable color temperature & power (field-selectable)

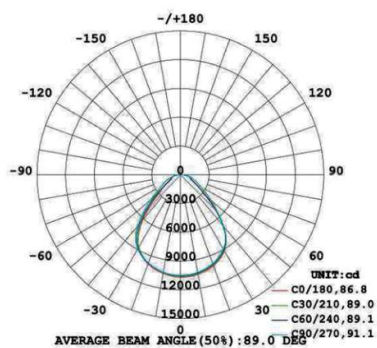
EM — factory-installed emergency driver (option)

ACCESSORIES

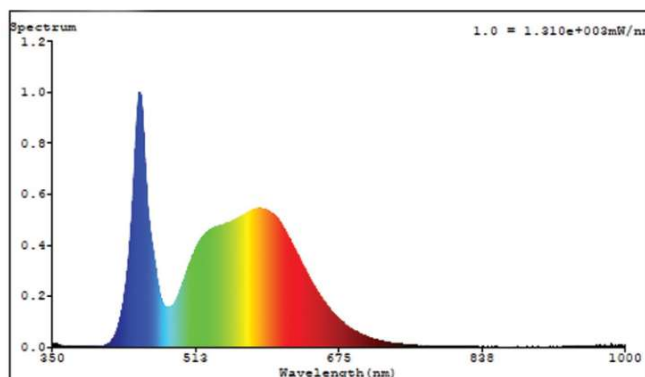
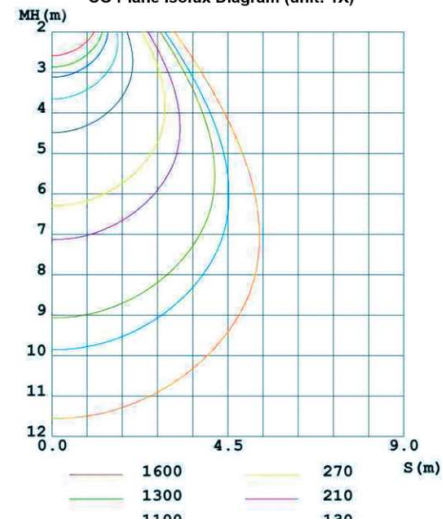
Category	Part Number	Description	Note
Motion Sensor	ANT-5-4T	Bi-level microwave sensor	Order separately
Motion Sensor	ANT-6-4T	PIR motion sensor	Order separately
Pendant Mount	ACHG-10FT-KIT	10 ft aircraft cable pendant mount	Order separately
Surface Mount	LHB08-SURFACE	Mounts fixture to a flat surface	Order separately

PHOTOMETRIC DATA

Luminous Intensity Distribution Diagram



CO Plane Isolux Diagram (unit: 1X)



Average beam angle (50%): 89°

C0/180: 86.8°

C30/210: 89.0°

C60/240: 89.1°

C90/270: 91.1°

Full IES photometric files available on request.