

LINEAR HIGHBAY LHB – 200/240



LED Linear Highbay Light

High Efficacy up to 150 lm/W and up to 75% in energy savings available in 80W-240W configurations.

APPLICATIONS

- Warehouse / Plant / Manufacturing
- Automotive
- Exhibition / Showroom / Event Halls
- Retail
- Sporting Arenas
- Canopy Areas
- Parking Garages

PRODUCT SPECIFICATIONS

Construction Characteristics:

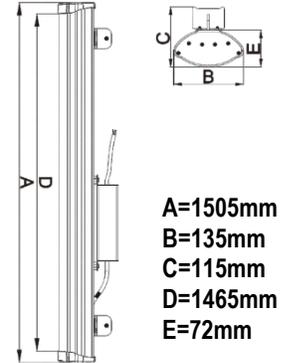
- Single extruded aluminum housing (Silver)
- Vandal/UV resistant polycarbonate lens (White)
- High grade thermal paste for optimal PCB to fixture cooling
- Weight: 6.6 Kg
- 100,000 switching cycles
- Quality corrosion resistant finish
- IP 65 – suitable for outdoor use

Electrical Characteristics:

- Input Voltage: 120 ~ 277 VAC or 200-480 VAC, 50/60 Hz
- Power Factor: 0.9 at full load
- THD = <20%
- Operating Temperature Range: -20 ~ +70C
- Built in 4kV protection
- Optional Surge Protection: 10kV/10kA or 20kV/20kA

AUTHORIZED BY:	
NAME:	DATE:

DIMENSIONS & WEIGHT	
PRODUCT LINE	LHB-200/240
LENGTH (cm)	150.5
WIDTH (cm)	13.5
HEIGHT (cm)	7.2
NET WEIGHT (Kg)	6.6
PCS / CARTON	2
CARTON WEIGHT (Kg)	16.8



ORDERING INFORMATION

CNX-LHB		
PRODUCT TYPE	COLOR TEMPERATURE	WATTAGE
CNX-LHB	40 – 4000K 45 – 4500K 50 – 5000K	200 – 200 WATTS 240 – 240 WATTS

PRODUCT OPTIONS

INPUT VOLTAGE	ADDITIONAL SURGE PROTECTION	COLOR RENDERING INDEX
P1 – 120~277 VAC P2 – 200~480 VAC	10K – 10KV/KA 20K – 20KV/KA (P2 ONLY) XXX – NO SURGE PROTECTION	80 – 80 CRI 90 – 90 CRI
CONTROL	MOUNTING	EMERGENCY BACKUP
CTR – CNX CONTROL DAL – 1-10V DALI ZIG – ZIGBEE MTN – MOTION DAY – DAYLIGHT HARVESTING XXX – NO CONTROL	SFC – SURFACE MOUNT SSP – SUSPENSION MOUNT	EMG – BATTERY BACKUP XXX – NO BATTERY BACKUP

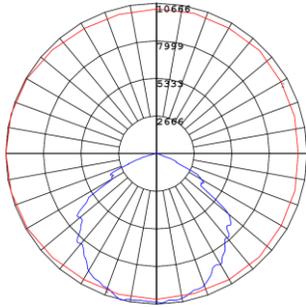
ELECTRICAL DATA

NUMBER LEDS	SYSTEM WATTAGE	LUMEN OUTPUT	EFFICACY
1008 – 1008 LEDS	200 WATTS	30,000 LUMENS	150 LM/W
1008 – 1008 LEDS	240 WATTS	36,000 LUMENS	150 LM/W

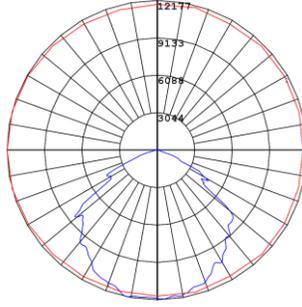
*Available in 3,000K upon special request

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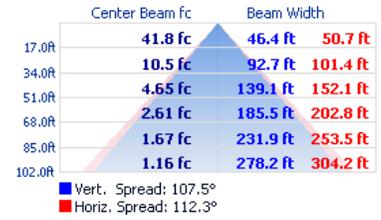
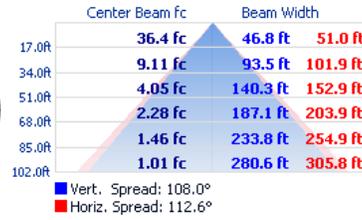
POLAR CANDELA CURVE	POLAR CANDELA CURVE	ILLUMINANCE AT A DISTANCE	ILLUMINANCE AT A DISTANCE
LHB – 200	LHB – 240	LHB – 200	LHB – 240



Vertical Plane Through: 165 - 345 Horizontal
Horizontal Cone Through: 14 Vertical
Maximum Candela = 10665.87 at 165 H 14 V



Vertical Plane Through: 180 - 0 Horizontal
Horizontal Cone Through: 12 Vertical
Maximum Candela = 12176.77 at 180 H 12 V



MOUNTING OPTIONS



Suspension Mount Kit

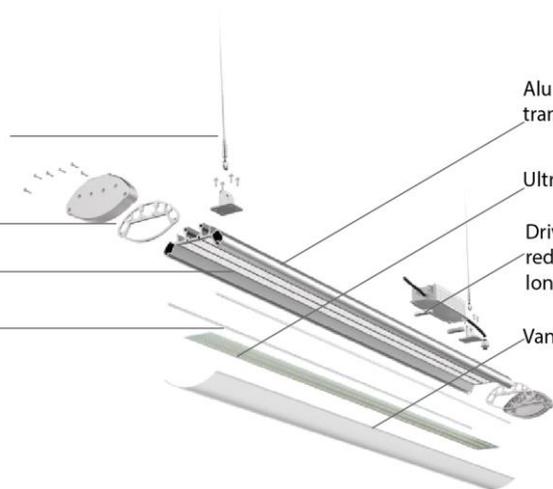
Exploded Drawing

Easy, reliable, corrosion resistant, contemporary stainless-steel suspension mounting kit. 30 Kg capacity.

High-grade silicone seals throughout (IP65).

Premium thermal paste for increased heat transference (LED PCB to aluminum housing).

High-grade silicone seals throughout (IP65).



Aluminum housing provides exceptional heat transference for ultra-long lifespan.

Ultra-efficient LEDs delivering up to 150lm/W.

Driver mounted on thermal inhibiting spacers, reducing heat transfer to the driver - providing a longer lifespan.

Vandal/UV resistant polycarbonate lens.