

LINEAR HIGHBAY LHB - 080



LED Linear Highbay Light

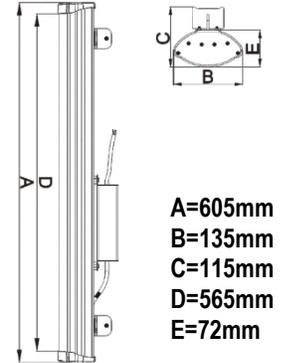
High Efficacy up to 150 lm/W and up to 75% in energy savings available in 80W-240W configurations.

APPLICATIONS

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

AUTHORIZED BY:	
NAME:	DATE:

DIMENSIONS & WEIGHT	
PRODUCT LINE	LHB-080
LENGTH (cm)	60.5
WIDTH (cm)	13.5
HEIGHT (cm)	7.2
NET WEIGHT (Kg)	3.2
PCS / CARTON	2
CARTON WEIGHT (Kg)	7.8



ORDERING INFORMATION		
CNX-LHB		
PRODUCT TYPE	COLOR TEMPERATURE	WATTAGE
CNX-LHB	40 – 4000K 45 – 4500K 50 – 5000K	080 – 80 WATTS

PRODUCT SPECIFICATIONS
<p>Construction Characteristics:</p> <ul style="list-style-type: none"> • Single extruded aluminum housing (Silver) • Vandal/UV resistant polycarbonate lens (White) • High grade thermal paste for optimal PCB to fixture cooling • Weight: 3.2 Kg • 100,000 switching cycles • Quality corrosion resistant finish • IP 65 – suitable for outdoor use
<p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • 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

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 – CONX 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
378 – 378 LEDS	80 WATTS	12,000 LUMENS	150 LM/W

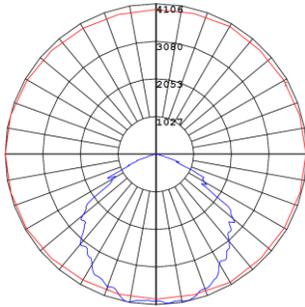
*Available in 3,000K upon special request

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POLAR CANDELA CURVE

LHB - 080



Vertical Plane Through: 180 - 0 Horizontal | Horizontal Cone Through: 11 Vertical
Maximum Candela = 4106.42 at 180 H 11 V

ILLUMINANCE AT A DISTANCE

LHB - 080

	Center Beam fc	Beam Width	
17.0ft	13.9 fc	48.4 ft	47.9 ft
34.0ft	3.47 fc	96.8 ft	95.8 ft
51.0ft	1.54 fc	145.2 ft	143.7 ft
68.0ft	0.87 fc	193.5 ft	191.7 ft
85.0ft	0.55 fc	241.9 ft	239.6 ft
102.0ft	0.39 fc	290.3 ft	287.5 ft

■ Vert. Spread: 109.8°
■ Horiz. Spread: 109.3°

MOUNTING OPTIONS



Suspension Mount Kit

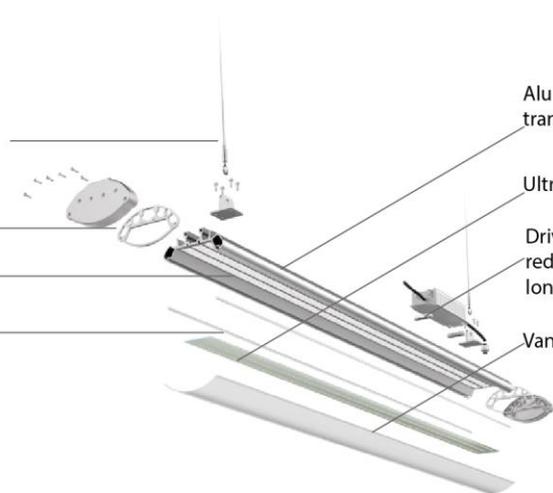
Exploded Drawing

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.