

LINEAR HIGHBAY LHB – 060/100



LED Linear Highbay Light

High Efficacy up to 150 lm/W and up to 75% in energy savings available in 60W-240W configurations.

APPLICATIONS

- Parking
- Manufacturing
- Warehouse
- Commercial
- Sports Facilities
- Showrooms
- Automotive
- Service Center
- Task

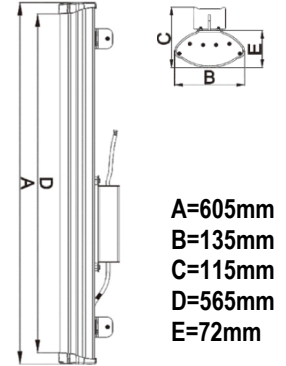
AUTHORIZED BY:

NAME:

DATE:

DIMENSIONS & WEIGHT

PRODUCT LINE	LHB-060/100
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	060 – 60 WATTS 100 – 100 WATTS

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: 3.2 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

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

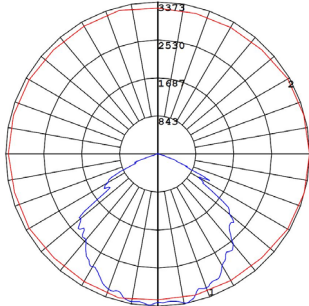
NUMBER LEDS	SYSTEM WATTAGE	LUMEN OUTPUT	EFFICACY
196 – 196 LEDS	60 WATTS	9,000 LUMENS	150 LM/W
196 – 196 LEDS	100 WATTS	15,000 LUMENS	150 LM/W

*Available in 3,000K upon special request

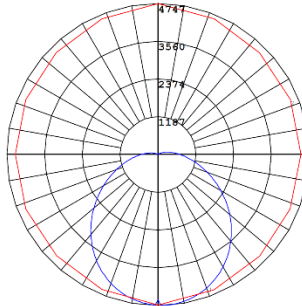
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POLAR CANDELA CURVE	POLAR CANDELA CURVE	ILLUMINANCE AT A DISTANCE	ILLUMINANCE AT A DISTANCE
LHB – 060	LHB – 100	LHB – 060	LHB – 100



(1) Vertical Plane Through: 0 - 180 Horizontal
(2) Horizontal Cone Through: 11 Vertical
Maximum Candela = 3373.43 at 0 H 11 V



Vertical Plane Through: 90 -270 Horizontal
Horizontal Cone Through: 2 Vertical
Maximum Candela = 4747.14 at 90 H 2 V

	Center Beam fc	Beam Width	
17.0ft	11.4 fc	46.6 ft	48.3 ft
34.0ft	2.85 fc	93.3 ft	96.6 ft
51.0ft	1.27 fc	139.9 ft	144.9 ft
68.0ft	0.71 fc	186.5 ft	193.2 ft
85.0ft	0.46 fc	233.1 ft	241.4 ft
102.0ft	0.32 fc	279.8 ft	289.7 ft

■ Vert. Spread: 107.8°
■ Horiz. Spread: 109.7°

	Center Beam fc	Beam Width	
17.0ft	15.8 fc	41.7 ft	50.9 ft
34.0ft	3.95 fc	83.4 ft	101.8 ft
51.0ft	1.75 fc	125.1 ft	152.8 ft
68.0ft	0.99 fc	166.8 ft	203.7 ft
85.0ft	0.63 fc	208.5 ft	254.6 ft
102.0ft	0.44 fc	250.3 ft	305.5 ft

■ Vert. Spread: 101.6°
■ Horiz. Spread: 112.5°

MOUNTING OPTIONS



Suspension Mount Kit

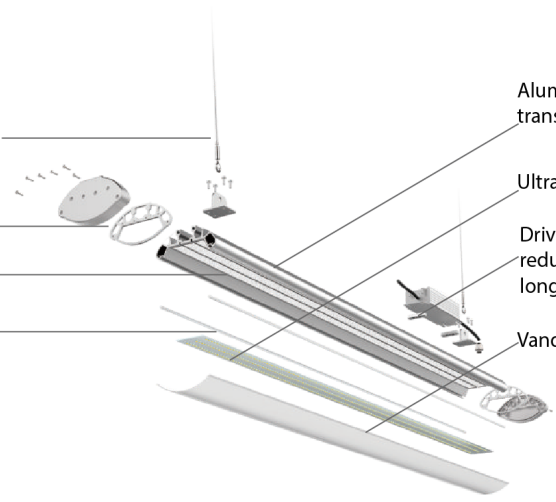
Exploded Drawing

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.