

LSP IP66 Linear Heavy Duty LED Highbay

The Kili-LED LSP Series LED Highbay Luminaire utilizes innovative heat-sinking and cutting-edge LED technology to deliver a wide range of light outputs. The LSP series luminaire is IP66 fixture for demanding industrial environments with high ambient temperatures and wet applications, offering customers a rugged design with exceptional performance and high reliability.

MOUNTING AND WIRING:

Two pcs of LSP module can be install together for replace 4ft florescent light. The LSP Highbay light is fit for Chain or Cable mounting (Standard), Threaded rod kit (optional), Surface mounted kit (optional and only use for single fixture).

ENVIRONMENTAL SYSTEM

ETL/cETL Listed for outdoor locations.

-20°F to 104°F temperture rated.

ELECTRICAL SYSTEM

Integral high performance LED driver.

Universal input voltage 100-277VAC or 347-480VAC, 50/60Hz.

OPTICAL SYSTEM

LSP optical systems enable LEDs to provide optimized illumination for open floor and racked aisles with photometric distributions of 50, 80, 120, 30*100, 60*150 degrees and diffuser.

LIGHTING CONTROL

0-10V dimmable & Bi-level Motion sensor optional & Time program dimming as standard.



Specifications:

ITEM	SPECIFICATION	KLHB100LSP KLHVHB100LSP	KLHB150LSP KLHVHB150LSP	KLHB210LSP KLHVHB210LSP	KLHB240LSP KLHVHB240LSP
GENERAL PERFORMANCE	Lumens Delivered (lms)	13000lms	20000lms	27000lms	32000lms
	Efficacy (lm/W)	130lm/W			
	Beam Angle	50°, 80°, 30*100°, 60*150° PC Lens, 120° glass cover			
	CRI	80			
	Color Temperature	4000K/5000K			
	L70@25℃	>50,000hrs			
ELECTRICAL	Power (W) #1	70-100W	120-150W	170-210W	210-250W
	Input Voltage	100-277AC /250-528VAC(KLHV)			
	Power Factor	>0.9			
PHYSICAL	Housing	Die cast aluminum with powder coat pain, White color			
	Lens	PC Lens and Clear Glass cover			
	Installation	Chain or cable mounting (Standard)/ Threaded rod kit(optional)/ Surface mounted kit (optional)			
	Operating Temperature	-20°F to 104°F			
CERTIFICATION	Environment	Outdoor IP66, Wet locations			
	Warranty	5 years			
	Certification	ETL/cETL, DLC Pending			

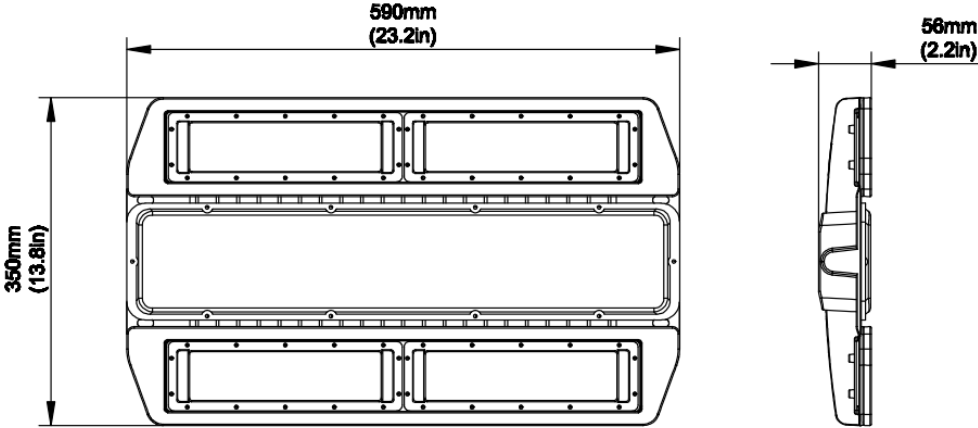
#1: The power consumption can be programmed by the dimming interface, default set as maximum.

Order Information:

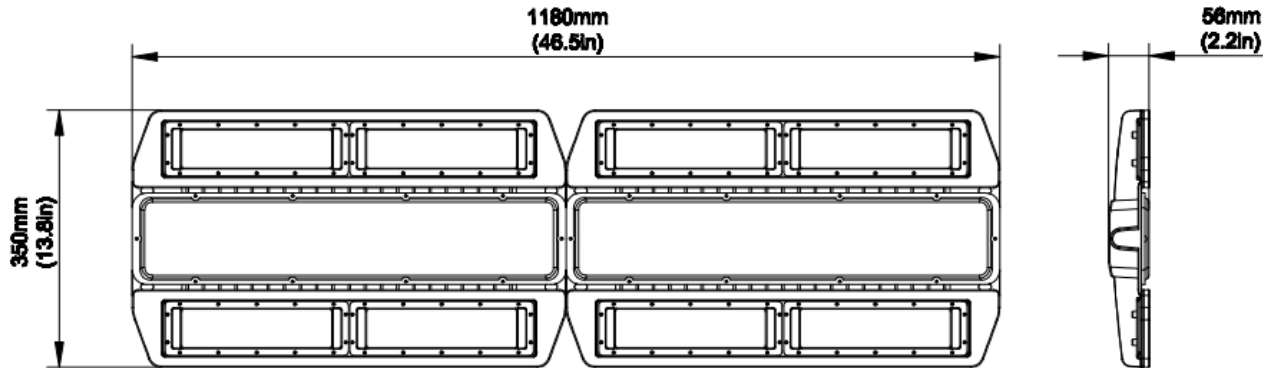
Family	Wattage	Series	Separator	Fixture	CCT	Degree	Mount	Sensor	Default
KLHBXXXLSP: Kili-LED LSP High Bay 100-277VAC	100: 100W 150: 150W 210: 210W	LSP: LSP Series High Bay	-	S: Single fixture D: Double fixture	40K: 4000K 50K: 5000K	LA: 50° PC lens LB: 80° PC lens	ST: Chain (Standard) TH: Threaded rod SU: Surface mounted	X: Without Sensor S: Motion Sensor	X
KLHVHBXXXLSP: Kili-LED LSP High Bay 250-528VAC	210: 240W					LC: 30*100 PC lens LD: 60*150 PC lens LE: 120° without lens			

Dimension: (mm/in)

Dimensions of single fixture



Dimensions of double fixture

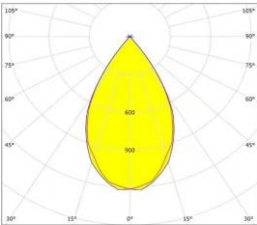


Packing:

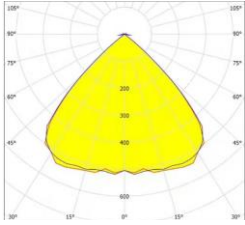
Fixture	Pieces/Carton	N/W(kgs)	G/W(kgs)	Carton Dimensions(cm)
Single fixture	2pcs	15.00kgs (33.00lbs)	16.00kgs (35.30lbs)	63cmx39cmx22cm
Double fixture	1pcs	15.50kgs (34.20lbs)	16.50kgs (36.40lbs)	63cmx39cmx22cm

Photometric: (Beam Angle)

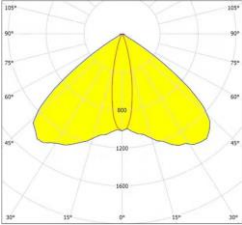
LA: 50° PC lens



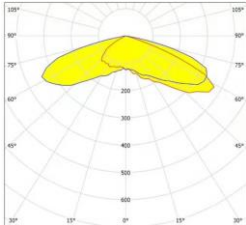
LB: 80° PC lens



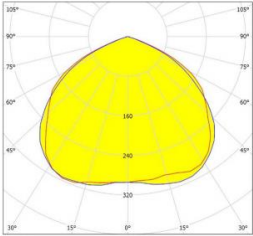
LC: 30°*100° PC lens



LD: 60°*150° PC lens



LE: 120° without lens

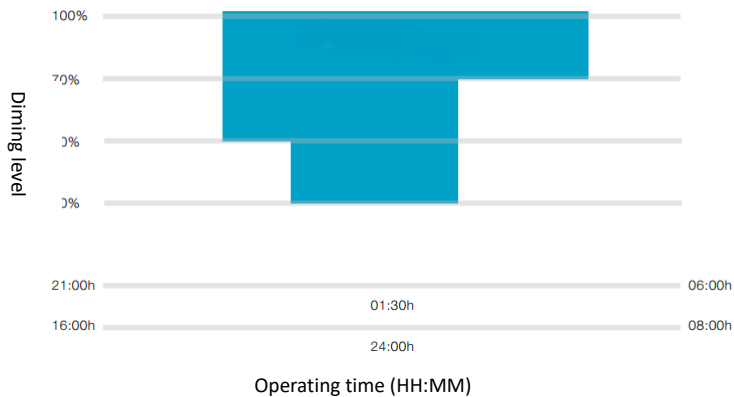


Time program dimming:

The LSP luminaire can be programmed with a programmer or it can be programmed before ship out.

The LSP primarily provides the adaptive proportion dimming profile for different level to perform up to 14 consecutive hours. 3 dimming profiles hereunder are defined accounting for the most frequently seen applications.

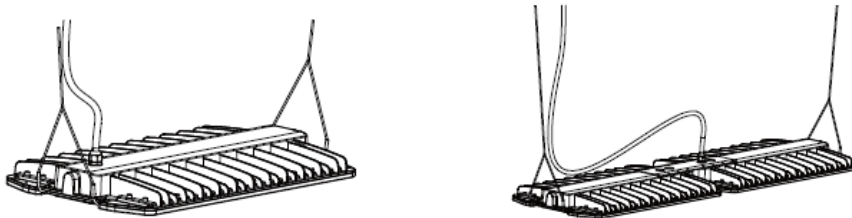
Ex. The LSP can set dimming as below



- 1) 16:00-08:00h turn off.
- 2) 21:00-23:00h the LSP work at 100% level.
- 3) 23:00-00:00h the LSP work at 50% level.
- 4) 00:00-02:00h the LSP work at 30% level.
- 5) 02:00-04:30h the LSP work at 70% level.
- 6) 04:00-08:00h the LSP work at 100% level.

MOUNTING & ACCESSORIES:

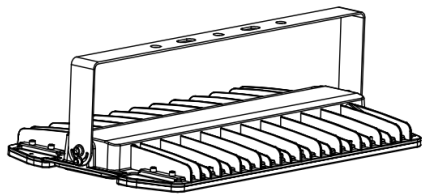
1. Chain or cable mounting (Standard): Accessories of wire rope suspension kit: Y-CB05-05ft, Y-CB15-10ft, Y-CB15-15ft, Y-CB20-20ft as optional.



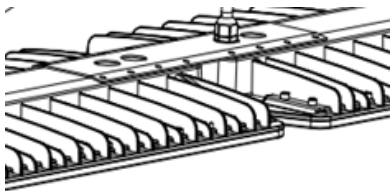
2. Threaded rod kit (optional): Accessories include 4pcs 1/2" nuts, 2pcs mount brackets as the below picture.



3. Surface mounted kit (optional and only use for single fixture): Accessories include 1pcs mount bracket as the below picture.



4. Double fixture (LSP-DFC)



5. MC053SRC & MH01: Remote adjust control Bi-level sensor.

