

**LED HIGH BAY LINEAR**  
HL SERIES GEN 2



**PRODUCT DESCRIPTION:**

The LED Linear high bay Series offers leading-edge efficacy and scalability for high ceiling applications such as warehouses, distribution centers, manufacturing facilities and big box retailers. Measuring just 14" x 24," the LED luminaires deliver the high lumen output associated with traditional fluorescent and HID high bays in a form factor one-quarter the size.

The Linear High Bay Series comes with a standard high efficiency translucent optic for wide beam distribution to achieve optimal lumen output and energy savings. Choose from cable, pendant, and surface mounting options, as well as various motion sensors and emergency battery backup, to create a custom that meets any lighting requirement.

**FEATURES:**

- Trade Agreements Act (TAA) compliant
- Buy American Act (BAA) compliant product available - contact MaxLite for details
- 120-277V standard, 347-480V available
- Power factor >0.9
- 0-10V dimming standard
- Indoor/Damp rated
- L70 100,000 hours
- 10 year warranty

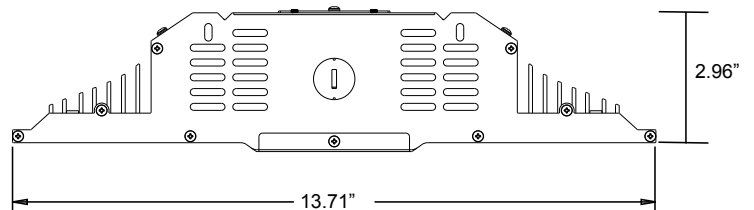
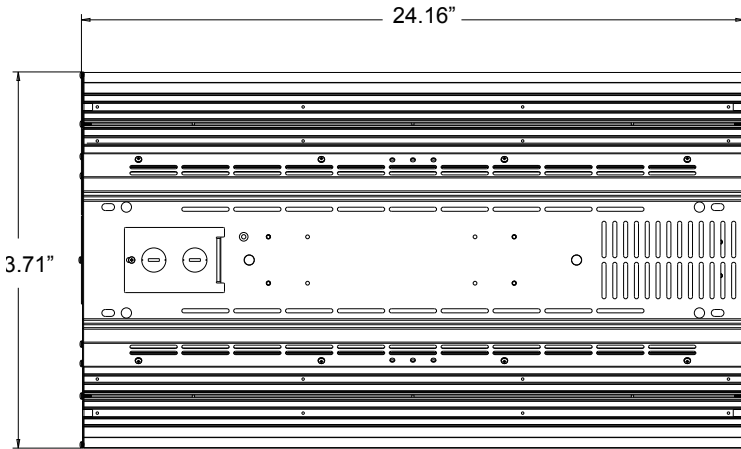
**CONSTRUCTION:**

- Wide lens distribution
- High efficiency translucent optic standard

**WARRANTY:**

10-year standard warranty with labor allowance\* (further details available at [www.maxlite.com/warranties](http://www.maxlite.com/warranties))  
\*Warranty Limitations: Product must be rated for the application per the Product Data Sheet (PDS); operated < 16 hrs; in ambient of -29F to 104F.

\*Up to \$25/unit; labor allowances of up to \$500/unit available for purchase – contact MaxLite representative for details.



**MaxLite Makes It!**  
Don't see what you need? Additional wattages and specifications available upon request - contact your MaxLite rep!



# LED HIGH BAY LINEAR

## HL SERIES GEN 2

MODEL SELECTION		Typical order example: HL-130UF-50EM							
HL	-				-				
FAMILY	-	WATTAGE	VOLTAGE	LENS	-	CCT	BBU	CORD SET	OPTIONS
HL= High Bay Linear	-	90= 90W 130= 130W 160= 160W 185= 185W	U= 120-277V H= 347-480V	(OMIT)= None F= Frosted Lens	-	40= 4000K 50= 5000K	(OMIT)= None EM = Battery Backup Unit	(OMIT)= None C1= 120V Cord & 5-15P Plug C2= 277V Cord & L7-15P Plug C3= 347V Cord & L24-20P Plug C4= 480V Cord & L8-20P Plug	(OMIT)= None MSO= On/Off Motion Sensor MSC= Bi-Level w/remote capability MSV= Bi-Level Motion Sensor

- NOTES:**
- Battery backup provides 2800 lumens for 90 minutes
  - Battery backup and optional cords cannot be used together
  - Battery backup cannot be used with 347-480V product
  - When high voltage is required, MSV is the only sensor option available. Remote control available for purchase separately.
  - Factory installed EM option not available to be sold in CA or OR, order code #102621 can be used as a field installable accessory

### SPECIFICATIONS:





		HL-090UF-50	HL-130UF-50	HL-160UF-50	HL-185UF-50
ITEM	SPECIFICATION	DETAILS			
GENERAL PERFORMANCE	Power Consumption (W)	91.8W	128.4W	158.1W	177.5W
	Equivalent Wattage	4x54W T5HO	6x54W T5HO	400W, HID, 6x54W T5HO	8x54W T5HO
	Lumens Delivered (lm)	11,800 lm	16,770 lm	20,990 lm	24,250 lm
	Efficacy (lm/W)	129 lm/W	131 lm/W	133 lm/W	137 lm/W
	CRI	≥80			
	Color Temperature (K)	4000K, 5000K			
	L70 Lifetime (hours)	100,000			
	Color Consistency	Proprietary binning for uniform color			
Emergency Operation	Minimum 3000 lumens for 90 mins				
ELECTRICAL	Power Factor	0.99			
	Input Voltage	120-277V (347-480V optional)			
PHYSICAL	Mounting	V hook standard for chain/cable mount. (chain/cable not included. See Mounting Accessories Chart for other options)			
	Operating Temperature	-34°C to 50°C (-30°F to 122°F)/ For EM units 0°C - 40°C (32°F - 104°F)			
	Humidity	10-85% RH, non-condensing			
CERTIFICATION	Certifications	cULus, FCC			
	Material Usage	RoHS compliant; no mercury			
	Environment	Indoor / Damp			
	Warranty	10 year warranty*			
QUALIFICATION	DesignLight Consortium	DLC Premium			



**ORDERING\*:**










DLC PRODUCT ID	MODEL	MODEL NUMBER	WATTAGE	CCT
PRBBLIRR	14099567	HL-090UF-40	90	4000K
PAEG9PRX	14099568	HL-090UF-50		5000K
PV9XA8NB	14099569	HL-130UF-40	130	4000K
PXBBYZGO	14099570	HL-130UF-50		5000K
PIX9VUZH	14099571	HL-160UF-40	160	4000K
P2QVR6AI	14099572	HL-160UF-50		5000K
P95WOKGH	14099573	HL-185UF-40	185	4000K
P6AHISLV	14099574	HL-185UF-50		5000K

\*Please contact your MaxLite representative to order products that don't have order codes listed here.

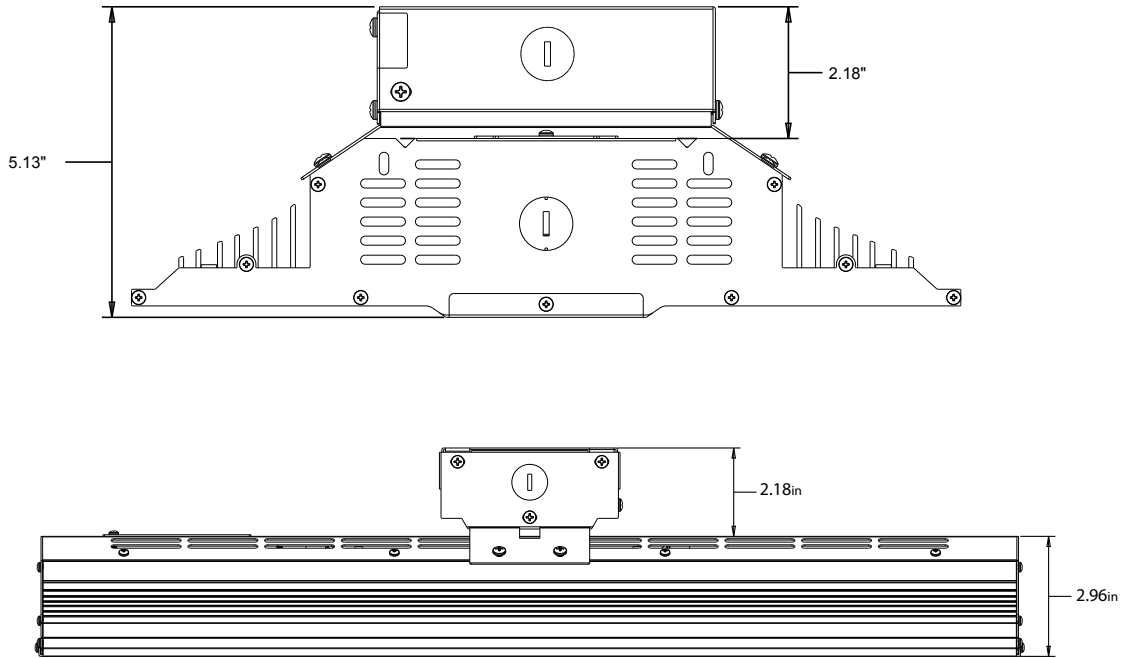
SENSOR OPTION	TECHNOLOGY	DIMMING	DAYLIGHT HARVESTING	REMOTE CONTROL	QR CODE
MSO	PIR	On/Off	Set Point	No	
MSV	PIR	Bi-Level	Set Point	No	
MSV (347-480V)	PIR	Bi-Level	Set Point	Yes	
MSC	PIR	Bi-Level	Continuous	Yes	

For motion sensor settings and information, please visit [www.maxlite.com/controls](http://www.maxlite.com/controls)

**ACCESSORIES:**

ACCESSORY IMAGE	MODEL NUMBER	ORDER CODE	DESCRIPTION
	HL-WGW2	14099775	WIRE GUARD
	HL-SMK2	14099776	SURFACE MOUNT/ MONOPOINT KIT
	BLHTD120-12/5	101286	10' MODULAR WIRING DROP (120V)
	BLHTD277/480-12/5	75324	10' MODULAR WIRING DROP (277/480V)
	MLCHKLSU15	74138	15' CABLE HANGING KIT
	MLCHKSQ	71119	20' CABLE HANGING KIT
	RMTITXSRP280	103492	REMOTE CONTROL FOR MSC COMMISSIONING
	FSIR-100	102184	REMOTE CONTROL FOR MSV 347-480V COMMISSIONING
	EBUUP20020D0400S-H	102621	Field Installable Emergency Battery, Backup [50v-200V] 20W

**HL HIGH BAY WITH SURFACE MOUNT/ MONOPOINT KIT:**



**OPERATIONAL DATA:**

	NOMINAL WATTAGE	NO LENS			FROSTED LENS		
		LUMENS	EFFICACY	WATTAGE AT 120V	LUMENS	EFFICACY	WATTAGE AT 120V
<b>Delivered Lumens, 4000K</b>	90W	13,340	144	92.9	12,130	131	92.9
	130W	19,130	144	133.7	17,540	131	133.7
	160W	23,950	148	162.3	21,780	134	162.3
	185W	27,450	153	179.2	24,950	139	179.2
<b>Delivered Lumens, 5000K</b>	90W	12,980	142	91.8	11,800	129	91.8
	130W	18,440	144	128.4	16,700	131	128.4
	160W	23,080	146	158.1	20,990	133	158.1
	185W	26,680	150	177.5	24,250	137	177.5

