

## ROUND PENDANT LED HIGH BAY

### HP Gen. 2 SERIES



Standard Fixture with Frosted Lens

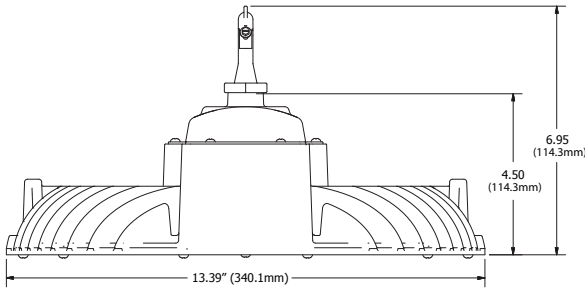


Fixture with Shade\*



Fixture with Shade and Drop Lens\*

\*Shade and Drop Lens purchased separately



### PRODUCT DESCRIPTION:

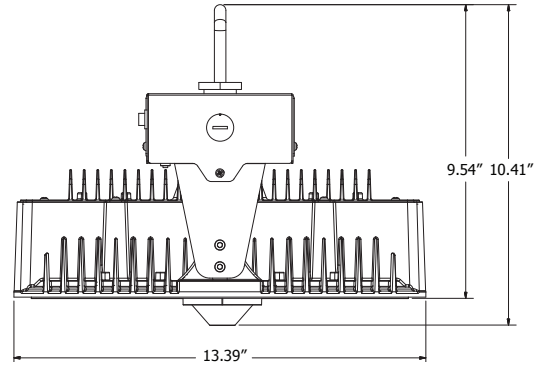
The Round Pendant LED High Bay blends high performance with a premium aesthetic that is well suited to many industrial and commercial applications, including retail and big box stores, auto showrooms, gymnasiums, warehouses and manufacturing facilities. The high bay features cutting-edge optics that deliver exceptional efficacy up to 158 lm/W with minimal glare. The high bay also features a high transmission polycarbonate diffuser, a profile as low as 5", integrated sensor design, and innovative patent-pending thermal heat sinks. The HP Series is designed for performance in high ambient temperatures up to 50°C.

### FEATURES:

- 5 year limited warranty, 10 year warranty available
- Power Factor > 0.9
- 0-10V Dimming
- Beam angle 105°
- Polycarbonate shade with drop lens optional
- Indoor / Damp rated

### CONSTRUCTION:

- Innovative ALDC12 die cast heat sinks for exceptional thermal performance even in high ambient temperatures
- White powder coated standard
- 3/4" NPT steel hook standard
- 4 ft whip



Highbay with battery backup and integrated sensor

MODEL SELECTION		Typical order example: HP-130UF-40EMMSC							
HP	-				-				
FAMILY	-	WATTAGE	VOLTAGE	LENS	-	CCT	BBU	CORD SET	OPTIONS
HP= High Bay Pendant	-	090= 90W 130= 130W 160= 160W 185= 185W	U= 120-277V H= 347-480V	(OMIT)= No Lens F= Frosted	-	40= 4000K 50= 5000K	(OMIT)= None EM= Battery Backup	(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 MSM= Bi-Level Microwave Motion Sensor

\* To stem mount product, remove hook in the field.  
 \*\* 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

**SPECIFICATIONS:**

		HP-090UF-50	HP-130UF-50	HP-160UF-50	HP-185UF-50
ITEM	SPECIFICATION	DETAILS			
<b>GENERAL PERFORMANCE</b>	Power Consumption (W)	88.1	129.7	159.5	180.2
	Equivalent Wattage	175W	250W	400W	600W
	Lumens Delivered (lm)	12,100	17,900	22,260	25,770
	Efficacy (lm/W)	137 lm/W	138 lm/W	140 lm/W	143 lm/W
	CRI	≥80			
	Color Temperature (K)	5000K (4000K available, contact MaxLite for info.)			
	L70 Lumen maintenance (hours)	100,000			
	Color Consistency	Proprietary binning for uniform color			
<b>ELECTRICAL</b>	Power Factor	>0.9			
	Input Voltage	120-277V (347-480V optional)			
	Dimming	0-10V, to 10%			
<b>PHYSICAL</b>	Mounting	Hook Standard, optional 3/4" pipe, wall			
	Operating Temperature	-40°F to 122°F (-40°C to 50°C)			
	Humidity	10-90% RH, non-condensing			
<b>QUALIFICATION</b>	Qualification	DLC Premium, UL, FCC, LM79			
	Material Usage	RoHS compliant; no mercury			
	Environment	Indoor / Damp			
	Warranty	5 Years			









\*To stem mount product, remove hook in the field.

**ORDERING\*:**






DLC PRODUCT ID	ORDER CODE	MODEL NUMBER	WATTAGE	CCT
PCJ2QE11	1410223	HP-090UF-50	90	5000K
PUD2XQBD	1410225	HP-130UF-50	130	
PIK209T3	1410227	HP-160UF-50	160	
P91MCD73	1410229	HP-185UF-50	185	
POAA5Y72	1410222	HP-090UF-40	90	4000K
PWSCAPC4	1410224	HP-130UF-40	130	
P9E0WJUW	1410226	HP-160UF-40	160	
P1O1OZW8	1410228	HP-185UF-40	185	

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

**OTHER ACCESSORIES:**

ORDER CODE	MODEL NUMBER	DESCRIPTION	PRODUCT IMAGE
14099234	HP-SHADEKIT-FR	Polycarbonate Frosted Shade w/ Installation Screws	
100666	HP-DRPLNSKIT	Polycarbonate Drop Lens w/ Installation Clips *Shade is required for use of drop lens	
100250	HP-WMB	Surface Mount Bracket	
14099154	HP-WGW	Wire Guard	
101286	BLHTD120-12/5	10' Modular Wiring Drop (120V)	
75324	BLHTD277/480-12/5	10' Modular Wiring Drop (277/480V)	
103492	RMTITXSRP280	MSC Sensor Remote	
102184	FSIR-100	High Voltage MSC Sensor Remote	

\* Wire Guard not compatible with shade or drop lens

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

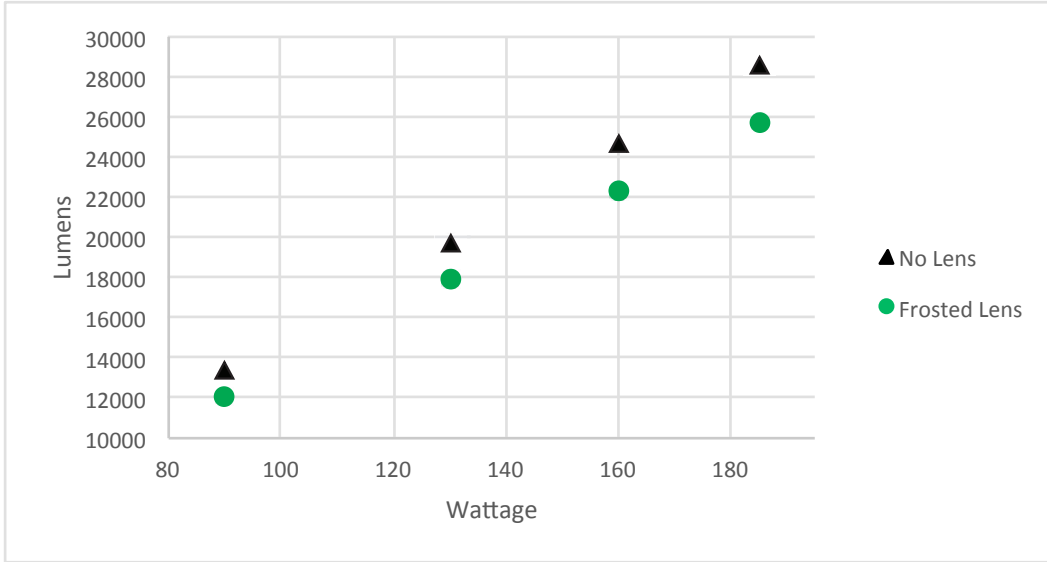
**OPERATIONAL DATA:**

	NOMINAL WATTAGE	NO LENS			FROSTED LENS		
		LUMENS	EFFICACY	WATTAGE AT 120V	LUMENS	EFFICACY	WATTAGE AT 120V
<b>Delivered Lumens, 4000K</b>	90W	13,060	147.7	88.4	11,823	133.8	88.4
	130W	19,325	148.3	130.2	17,495	134.4	130.3
	160W	24,073	150.8	159.6	21,794	136.6	159.7
	185W	27,860	154.3	180.6	25,222	139.7	180.5
<b>Delivered Lumens, 5000K</b>	90W	13,384	151.9	88.1	12,100	137.3	88.1
	130W	19,797	152.6	129.7	17,897	138.0	129.7
	160W	24,627	154.4	159.5	22,264	139.6	159.5
	185W	28,501	158.2	180.2	25,766	143.0	180.2

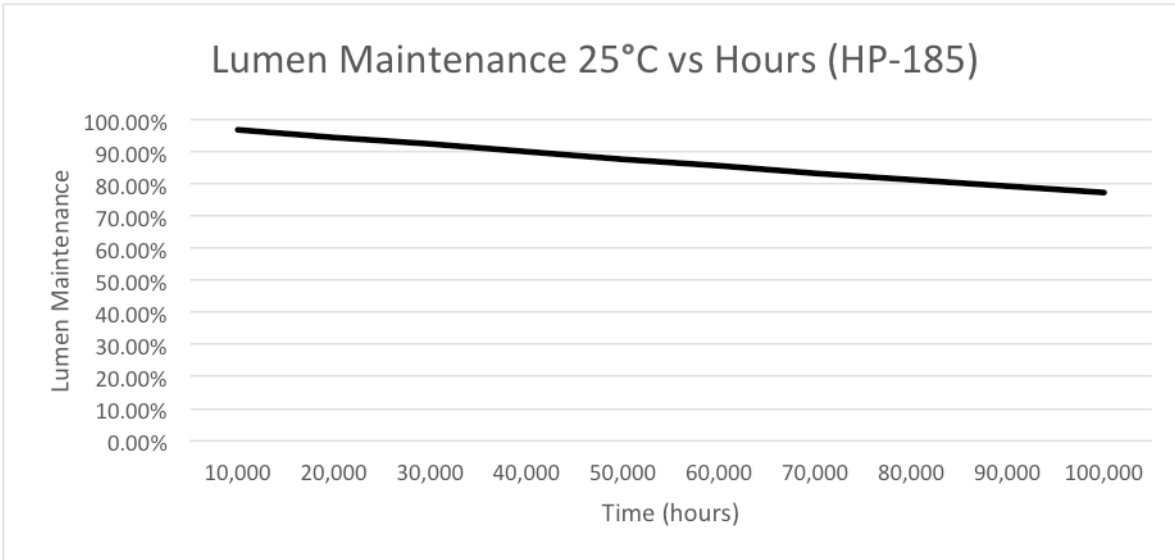
**CURRENT TABLE:**

NOMINAL WATTAGE	VOLTAGE	
	120V-277V	347-480V
90W	0.74-0.33	0.26-0.2
130W	1.09-0.48	0.39-0.3
160W	1.37-0.59	0.45-0.34
185W	1.54-0.66	0.53-0.39

**WATTAGE VS LUMENS:**



The products used for this table were measured at 120V and 5000K CCT



**LUMEN MAINTENANCE:**

Time	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000
Lumen Maintenance	96.99%	94.58%	92.22%	89.92%	87.68%	85.49%	83.36%	81.28%	79.26%	77.28%