



Item#: **PLT-20142**  
**LED FLAT HIGH BAY**  
 HIGH-BAY LUMINAIRES FOR  
 COMMERCIAL AND INDUSTRIAL  
 BUILDINGS

**FEATURES**

- High lumen output - bright and high lumen per watt.
- Integrated LED - maintenance free.
- Replaces HID and fluorescent fixtures.
- Wide beam angle - uniform light distribution.
- All steel surfaces are painted after fabrication for smooth edges and rounded corners.

**MOUNTING**

Designed for suspended or pendent mounting.

**APPLICATION**

Larger warehouses, retail applications, commercial buildings and work areas.

**ELECTRICAL**

Wattage	90W
Voltage	120-277V
Current	0.728A
Power Factor	0.9
Total Harmonic Distortion (THD)	10

**LIGHTING PERFORMANCE**

Lumens	11700
Lumens Per Watt (Lm/W)	131
Color Temperature (CCT)	4000K
Color Rendering (CRI)	80
R9 (Red Value)	15
R13 (Skin Tones)	85
Beam Angle	120°
Light Distribution	Type II, Very Short
Dimmable Lighting Control	<i>Dimmable</i> 0-10V, Range 10% - 100%

**ENVIRONMENT**

Operating Temperature	-4° ~ 122°F
Suitable Location	<b>DAMP</b>
Ingress Protection Rating	IP40

**LIFESPAN**

Average Life (Hours)	50,000
Warranty (Years)	3

**COMPONENTS**

LED Light Source	Seoul 3528
Driver	VPL100-200

**CONSTRUCTION**

Housing	24 Gauge C.R.S.
Lens	Acrylic (PMMA)
Base / Power Supply	Hard Wired
Finish	White

**QUALIFICATIONS**



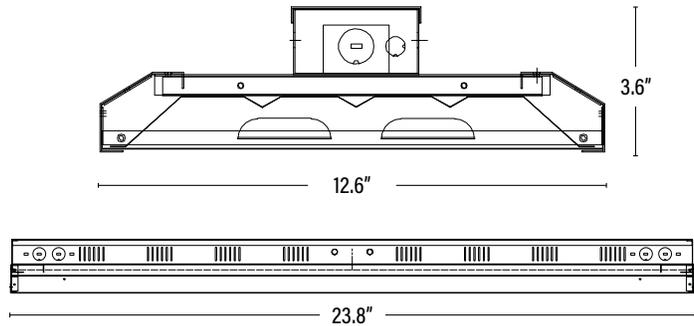
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## LED FLAT HIGH BAY

### DIMENSIONS (Inches)

Length	23.8"
Width/Diameter	12.6"
Height	3.6"
Chain	41.34" (2 ea.)

Line drawings may not be to scale and are for general reference only.



### SUPPORTING DOCUMENTS (Grey = not available at this time.)

Product Sheet	VIEW
Install Instructions	VIEW
Photometric	VIEW
IES Download from Web Item	VIEW
LM79	VIEW
LM80	VIEW
L70	VIEW
L90	VIEW

### PACKAGING

		UPC	DIMENSIONS (LxWxH)	GROSS WEIGHT (Lbs)
Master Carton	1	811768028461	24.8" x 13" x 3.9"	12.1
Country of Origin	China			
HS Tariff	9405.40.8200			

### ORDERING

ITEM#	DESCRIPTION	CASE
PLT-20142	LED FLAT 2' HIGH BAY 90W/4000K/FROSTED LENS/V-HOOKS & 41.3" CHAINS/DIMMABLE - SUPERIOR LIFE® DLC®	1

### ACCESSORIES/REPLACEMENT PARTS

55205	WIRE GUARD WITH CLIPS FOR LED FLAT 2' HIGH BAY 90W - SUPERIOR LIFE®	1
55220	3.3" PENDENT MOUNT FOR STANDARD FLAT HIGH BAY (1/2" THREADED HOLE) - SUPERIOR LIFE®	25
45002	100' ROLL NO. 12 JACK CHAIN - SUPERIOR LIFE®	--
54896	360° LED LOW/HIGH BAY FIXTURE PIR OCCUPANCY SENSOR 800W/1200W · 120-277V - SUPERIOR LIFE®	50
55319	EMERGENCY PACK FOR LED FIXTURE 8W/90 MIN - SUPERIOR LIFE®	1
55320	EMERGENCY PACK FOR LED FIXTURE 16W/90 MIN - SUPERIOR LIFE®	1
55321	EMERGENCY PACK FOR LED FIXTURE 25W/90 MIN - SUPERIOR LIFE®	1
552038	REPLACEMENT LENS FOR LED FLAT 2' 4L HIGH BAY/FROSTED - SUPERIOR LIFE®	1
VPL100-200	LED REPLACEMENT DRIVER	1

### ADDITIONAL INFORMATION:

**Note:** When using an Emergency Pack with the fixture, cable mounting is recommended to control the balance of the fixture.