



DESCRIPTION

Reduce energy and maintenance costs by replacing existing metal halide or fluorescent fixtures with this more efficient linear LED high bay.

FEATURES

- Up to 141 LPW ultra-high efficiency delivers superior performance over older HID high bays
- Replaces up to a 400W metal halide fixture or a 6 to 8 lamp fluorescent fixture
- 0-10V dimming
- Optional motion sensor and remote control; see Accessories section for more information

LISTINGS

- UL rated for damp locations
- IP20
- DesignLights Consortium® 5.1 Premium - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

PERFORMANCE

- CRI: >80
- CCT: 4000K or 5000K
- LED L70 Life Hours: 142,000
- Philips Lumiled LEDs

THERMAL

- -4°F to 122°F (-20°C to 50°C) operating temperature

ELECTRICAL

- THD: ≤20%
- Power Factor: ≥0.9
- Input Voltage: 120-277V
- Surge Protection: 6kV
- Dimmable power supply (0-10V)

INSTALLATION

- Designed for with suspended mounting with V-hooks and 3.28-foot chain included; see installation instructions for more information

CONSTRUCTION

- Iron and aluminum housing with white finish
- PMMA lens protects LEDs while evenly distributing light

Project name	Type
Catalog number	
Comments	Voltage
Approved by	Date



WARRANTY

- 5-year limited warranty; see pltsolutions.com for warranty details

APPLICATIONS

- Warehouses
- Manufacturing Plants
- Distribution Centers
- Grocery Stores
- Gymnasiums
- Indoor Recreational Facilities
- Cold Storage
- Big Box Retail
- Service Repair Centers

PERFORMANCE SUMMARY

Item #	Model	Watts	Lumens	LPW	CCT	CRI	Dimming	Voltage	Replaces	Length	DLC #	DLC Level
PLT-12686	Linear	165	23,325	141	5000K	80	0-10V	120-277V	MH400	1.5'	PLTSN4C121321	5.1 Premium
PLT-12687	Linear	220	30,426	138	5000K	80	0-10V	120-277V	MH400	1.5'	PLTSN4C221321	5.1 Premium

ACCESSORIES

SKU	Description
PLT-12844	High Bay Occupancy Sensor and Photocell - Microwave - White - Screw-in Connector - 12 Volt
PLT-13121	High Bay Occupancy Sensor and Photocell - Passive Infrared (PIR) - White - Screw-In Connector - 12 Volt
PLTS-12281	Motion Sensor Remote

DIMENSIONS

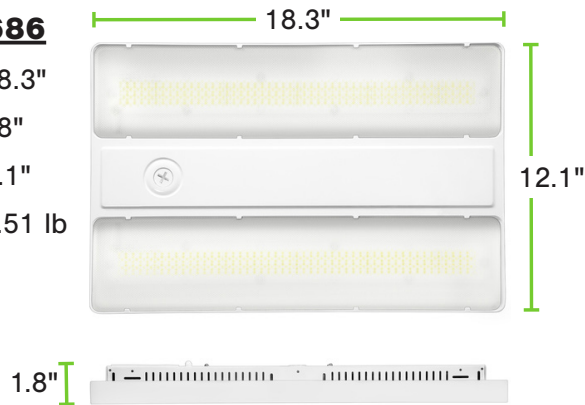
PLT-12686

Length: 18.3"

Height: 1.8"

Width: 12.1"

Weight: 5.51 lb



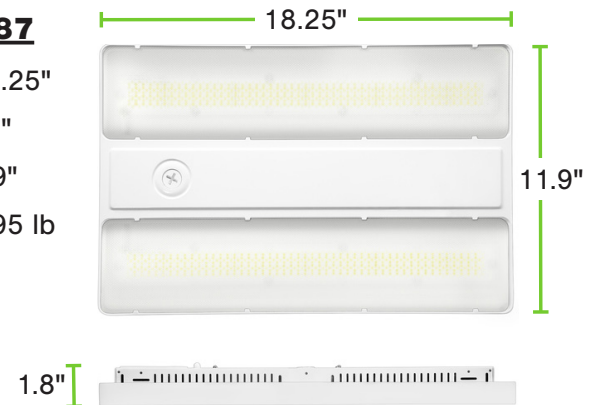
PLT-12687

Length: 18.25"

Height: 1.8"

Width: 11.9"

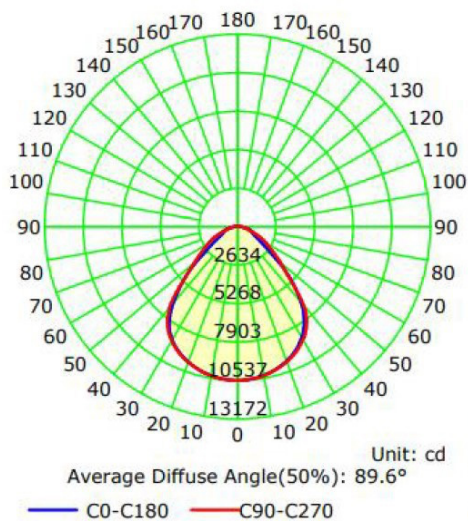
Weight: 5.95 lb



PHOTOMETRICS

PLT-12686

Luminous Intensity Distribution Curve



PLT-12687

Luminous Intensity Distribution Curve

