



DESCRIPTION

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

FEATURES

- Up to 136 LPW ultra-high efficiency delivers superior performance over older HID high bays
- Replaces up to a 400W metal halide fixture or up to an 8-lamp fluorescent fixture
- 0-10V dimming; See Compatible Dimmers section for full list of dimmers

LISTINGS

- UL rated for damp locations
- 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: 100,000
- Bridgelux 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: 2kV
- 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

- Sheet metal stamped 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-80033	Linear	65	8840	136	5000K	80	0-10V	120-277V	MH175	1.3'	PLTM151322	5.1 Premium
PLT-80034	Linear	105	14,280	136	5000K	80	0-10V	120-277V	MH250	1.3'	PLTM15D322	5.1 Premium
PLT-80035	Linear	170	23,120	136	5000K	80	0-10V	120-277V	MH400	1.7'	PLTM16B322	5.1 Premium

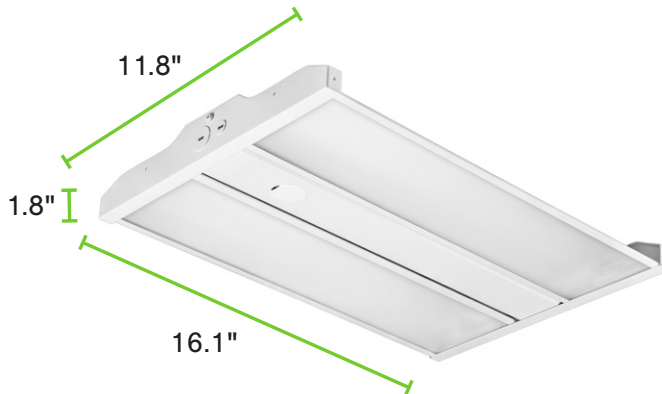
COMPATIBLE DIMMERS

Brand	Model	Dim to off voltage
LUTRON	NTSTV-DV	0.527V
LUTRON	NFTV	0.515V
LUTRON	DVTV	0.765V
LEVITON	IP710	0.609V
LEVITON	DS710	0.578V
Legrand	RH4FBL3PW	0.568V

DOWNLIGHT ENGINE DIMENSIONS

1.3' DIMENSIONS

Length: 16.1"
 Height: 1.8"
 Width: 11.8"
 Weight: 5.40 lb



1.7' DIMENSIONS

Length: 20.9"
 Height: 1.8"
 Width: 11.8"
 Weight: 5.84 lb

