DESCRIPTION

Featuring selectable wattage and color temperatures that allow you to adjust the light output as needed, these LED wall packs are an efficient choice for improving security lighting in outdoor areas.

project name		type	
catalog number			
comments		voltage	
approved by		date	

FEATURES

- Delivers up to 146 LPW depending on the wattage setting; settings are 60%, 80%, and 100%
- Replaces 250W metal halide fixtures
- 0-10V dimming
- Wattage and color temperature are adjusted via switches inside of fixture; see installation instructions for more information.

LISTINGS

- IP65 Rated
- UL Listed
- DesignLights Consortium® 5.1 Premium - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance; DLC PN - PLTBD36

PERFORMANCE

- CRI: 80+
- CCT: 4000K and 5000K
- Rated Lifetime L70: 50,000
- Philips Lumileds LEDs

ELECTRICAL

- THD: <20%
- Power Factor: >0.9
- Input Voltage: 120-277V

THERMAL

- -40°F to 113°F (-40°C to 45°C) operating temperature

CONSTRUCTION

- Heavy duty die-cast aluminum housing with bronze finish and anti-corrosion spray
- Durable borosilicate glass lens doesn't fade and allows high light transmittance

WARRANTY

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

APPLICATIONS

- General Security Lighting
- Pathways
- Loading Docks
- Building Perimeters

PERFORMANCE SUMMARY

| Item #	Watts	Lumens	LPW	CRI	CCT	Lens	Dimming	Voltage	Replaces	DLC Listing	DLC #
PLT-11923	45 / 60 / 75	6500 / 6600 / 8300 / 10300 / 10500	137 / 138 / 139 / 140 / 144 / 146	80+	4000K / 5000K	Borosilicate Glass	0-10V	120-277V	MH250	5.1 Premium	PLTBD36

INSTALLATION HEIGHT REFERENCE

DIMENSIONS

14.25"

9.24"
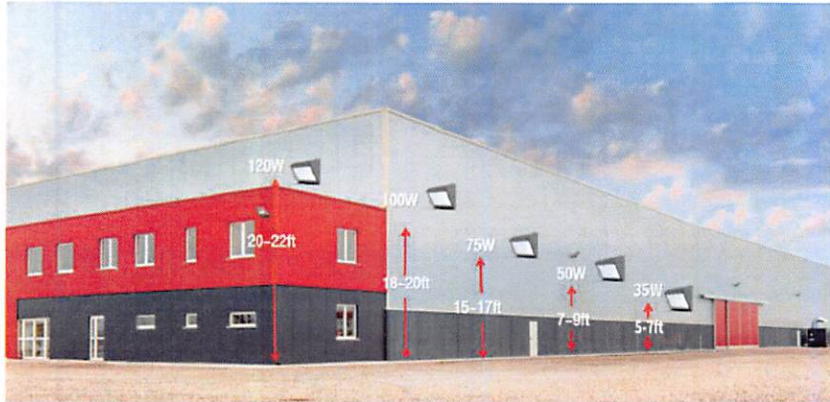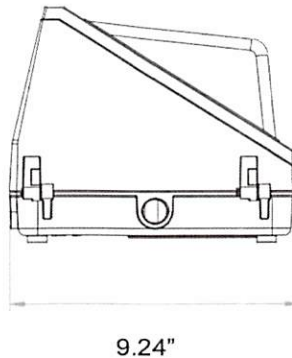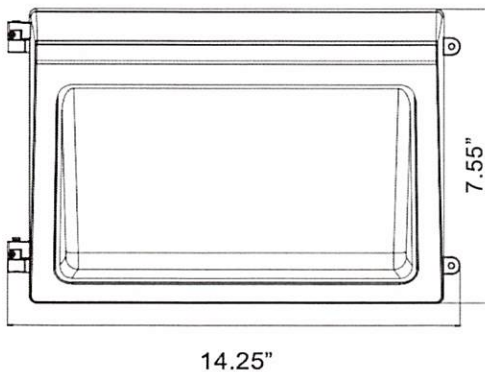
DIMENSIONS

Length: 14.25"
Height: 7.55"
Width: 9.24"
Weight: 8.04 lbs.
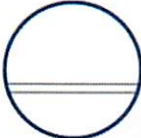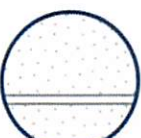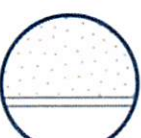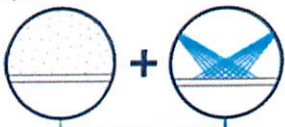
PHOTOMETRICS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

UNIT:cd/klm
C0/180
49.9,47.3
C90/270
106.0
AVERAGE BEAM ANGLE(50%):104.7 DEG
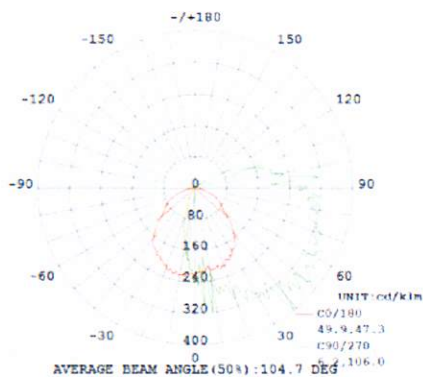
IP Rating Chart

IP ratings are represented by combining the first and second digits of the following columns. See example below.

1st Digit - SOLID
Degree of protection against solid objects

0 No Protection

1 Protected against a solid object greater than 50mm, such as a hand.

2 Protected against a solid object greater than 12.5mm, such as a finger.

3 2.5 mm — Protected against a solid object greater than 2.5mm, such as a wire.

4 1.0 mm — Protected against a solid object greater than 1.0mm, such as a thin strap.

5 Dust Protected. Prevents ingress of dust sufficient to cause harm.

6 Dust tight. No ingress of dust.

2nd Digit - LIQUID
Degree of protection against water

0 No Protection

1 Protected against water drops.

2 Protected against water drops at a 15 degree angle.

3 Protected against water spray at 60 degree angle.

4 Protected against water splashing from any angle.

5 Protected against water jets from any angle.

6 Protected against powerful water jets and heavy seas.

7 Protected against the effects of temporary submersion in water. (30 minutes at 3 feet)

8 Protected against the effects of permanent submersion in water. (Up to 13 feet)

Example:

IP 6 5

- Protected against water jets from any angle.
- Dust tight. No ingress of dust.