

**Security**

**Accent**

**Perimeter**

**Entrance Ways**

**Garage Doors**

**Overpasses**

**Alleys**



## Specifications

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- CONSTRUCTION** Precision die-cast aluminum housing and back plate.
- OPTICS** Heat and shock resistant, borosilicate glass refractor.  
One-piece "wrap-around" shape for maximum light utilization.  
Anodized aluminum reflector.
- ELECTRICAL** Porcelain spring-loaded 4 kV pulse rated socket- mogul/medium base.  
Mogul or medium base lamp supplied as noted.  
Starting temperature: LX(HPS)-40°F/-40°C, PMA(PS)-20°F/-30°C.
- MOUNTING** One tapped hole on each side and top (1/2" NPS standard) for conduit or optional photocontrol.
- FINISH** Standard finish is Flat Bronze polyester powder coat, electrostatically applied, which is preceded by a five step pre-treatment process including an iron phosphate priming stage for superior coating adhesion. This process meets or exceeds all ASTM testing requirements, including those for 1,000 hour salt spray endurance testing. Designer colors may be specified.
- LISTINGS** UL/cUL 1598 listed, suitable for wet locations.
- WARRANTY** Mechanical, finish and electrical shall be covered by a limited 1-year warranty. See terms and conditions for details.



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled 'Contain Mercury' and/or with the symbol 'Hg'. Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycle and disposal can be found at [www.lamprecycle.org](http://www.lamprecycle.org).

PROJECT
FIXTURE TYPE
CATALOG#

1611 Clovis R. Barker Road  
San Marcos, Texas 78666  
Toll Free Phone: (800) 545-1326  
Fax: (866) 713-6002  
www.qualitylighting.com  
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# 300

ORDERING EXAMPLE 313100MALFS6

## ORDERING INFORMATION

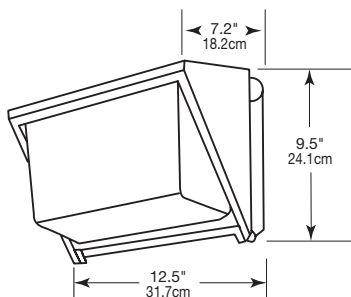
SERIES	LAMP BASE	DISTRIBUTION	WATTAGE	SOURCE	LAMP	OPTIONS	FINISH	VOLTAGE	ACCESSORIES
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	1	3	70 <sup>1</sup>	PMA	L	FS	TSA	1	P110A
	2		100 <sup>1</sup>	NLX <sup>3</sup>		FFS	TDB	2	P150A
	3		150 <sup>4,5</sup>	LX <sup>4</sup>		EM	TBK	3	P150M
			175 <sup>2</sup>	IN		TP	TWHT	4	P150E
						AMC	TGR	5 <sup>5</sup>	P150F
			70				TGN	6	335
			100				RAL(*)	8	330
			150						
			18						
			300						

SERIES	LAMP BASE	DISTRIBUTION	WATTAGE	SOURCE	LAMP	OPTIONS	FINISH	VOLTAGE
<input type="checkbox"/> 3	<input type="checkbox"/> 1 Medium 70-150W MA 70-150W NLX 300W IN <input type="checkbox"/> 2 Mogul 70-150W LX <input type="checkbox"/> 3 Mogul 175W PMA	<input type="checkbox"/> 3 Type III	PMA <input type="checkbox"/> 70 <sup>1</sup> (E17) <input type="checkbox"/> 100 <sup>1</sup> (E17) <input type="checkbox"/> 150 <sup>4,5</sup> (E17) <input type="checkbox"/> 175 <sup>2</sup> (E/BT28) NLX/LX <input type="checkbox"/> 70 (E17) <input type="checkbox"/> 100 (E17) <input type="checkbox"/> 150 (E17) IN <input type="checkbox"/> 300 (A/PS)	<input type="checkbox"/> PMA Pulse Start Metal Halide <input type="checkbox"/> NLX <sup>3</sup> High Pressure Sodium <input type="checkbox"/> LX <sup>4</sup> High Pressure Sodium <input type="checkbox"/> IN Incandescent	<input type="checkbox"/> L Lamp Included and Installed	<input type="checkbox"/> FS Single Fusing 120, 277 V Specify Voltage <input type="checkbox"/> FFS Double Fusing 208, 240, and 480V Specify Voltage <input type="checkbox"/> EM Switch On Auxiliary lamp <input type="checkbox"/> TP Tamper Proof Screws <input type="checkbox"/> AMC Quartz Restrike	<input type="checkbox"/> TSA Textured Satin Aluminum <input type="checkbox"/> TDB Textured Dark Bronze <input type="checkbox"/> TBK Textured Black <input type="checkbox"/> TWHT Textured White <input type="checkbox"/> TGR Textured Gray <input type="checkbox"/> TGN Textured Green <input type="checkbox"/> RAL(*) Custom Color (* = Specify RAL #)	<input type="checkbox"/> 1 120 <input type="checkbox"/> 2 208 <input type="checkbox"/> 3 240 <input type="checkbox"/> 4 277 <input type="checkbox"/> 5 <sup>5</sup> 480 <input type="checkbox"/> 6 120/277 <input type="checkbox"/> 8 120-277

## ACCESSORIES

- |   |  |  |  |
|---|--|--|--|
| <input type="checkbox"/> P110A<br>Aimable Pencil Type<br>Photocontrol - 120 V | <input type="checkbox"/> P150M<br>Light Leveler<br>Photocontrol - 208,<br>240, and 270 V | <input type="checkbox"/> P150F<br>Light Leveler<br>Photocontrol -<br>Multi-Tap | <input type="checkbox"/> 330<br>Wire Guard |
| <input type="checkbox"/> P150A<br>Light Leveler<br>Photocontrol - 120 V       | <input type="checkbox"/> P150E<br>Light Leveler<br>Photocontrol - 480 V                  | <input type="checkbox"/> 335<br>Vandal Resistant<br>Shield                     |  |

## DIMENSIONS



Weight: 17 Lbs 7.7 kgs

### NOTES:

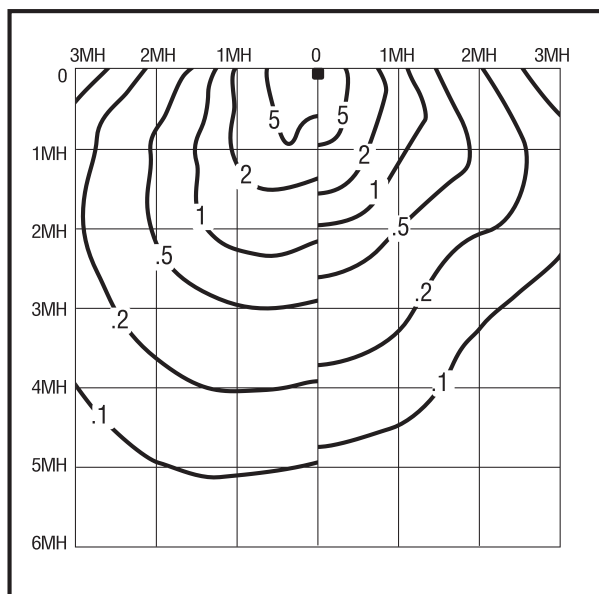
- 1) Voltage is 6(120/277)HX/HPF ballast.
- 2) Voltage is 8(120-277)CWA/HPF ballast. Mogul base only.
- 3) Normal Power Factor. Voltage is 1(120).
- 4) Voltage is 8(120-277)HX/HPF ballast.
- 5) Consult factory for availability.

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300

## PHOTOMETRIC DATA



323150LX  
LU 150/55/MED  
16,000 Lumens  
15' Mount. Hgt.

333150PS  
PS 150/U/MED  
14,000 Lumens  
15' Mount. Hgt.

### Footcandle Correction

#### Different Lamps/Watts

Multiply the following factors times the foot-candle values for changes in lamps/watts:

#### To Change From 150 Watt HPS

New Lamp	100	70
Factor	.59	.36

#### To Change From 150 Watt PS

New Lamp	150	100	70
Factor	.86	.51	.39

### DIFFERENT MOUNTING HEIGHT

Multiply the following factors times the foot-candle values for changes in mounting height:

#### To Change From 15'

New Height	10'	12'	15'	18'	20'
Factor	2.3	1.6	1.0	.69	.36