

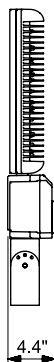
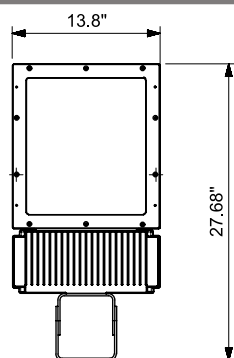
## MT LED AREA LIGHT



### PRODUCT DESCRIPTION

The MT LED area light is a universal and scalable outdoor LED luminaire. The MT LED area light can be customized for virtually any type of outdoor lighting application by applying one of several different mounting options to a universal body to create an Area, Flood or Wall Pack luminaire. Four installation methods including Trunnion/Yoke, Slip fitter and Pole mount. The MT LED area light can be customized for standard on off wall switching, on/off motion sensor switching or multi-level motion sensor switching. The MT LED area light also comes standard with 1-10V dimming.

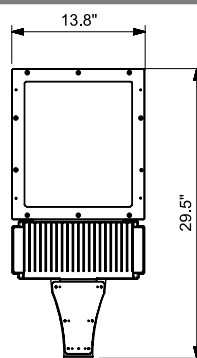
### SPECIFICATION



#### 100W, 150W, 200W

##### Trunnion

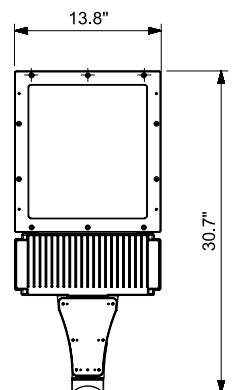
Length: 27.68"  
 Width: 13.8"  
 Height: 4.4"  
 Max Weight  
 11.6kg/25.6lbs



#### 100W, 150W, 200W

##### Square Arm

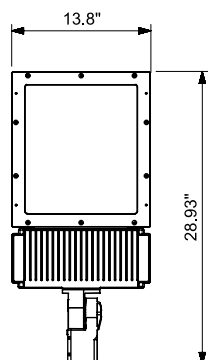
Length: 29.5"  
 Width: 13.8"  
 Height: 5.34"  
 Max Weight  
 11.6kg/25.6lbs



#### 100W, 150W, 200W

##### Round Extended Arm






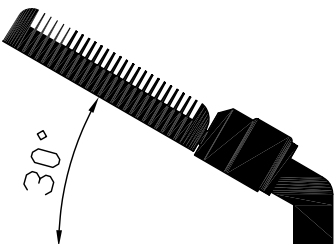
Length: 30.7"  
 Width: 13.8"  
 Height: 5.34"  
 Max Weight  
 11.6kg/25.6lbs



#### 100W, 150W, 200W

##### Slip Fitter

Length: 28.93"  
 Width: 13.8"  
 Height: 4.4"  
 Max Weight  
 11.6kg/25.6lbs

MT Line		100W/150W/200W	Effective Projected Area EPA (Sq. Ft.)
	Slip Fitter		0.95
	Square Arm		1.17
	Extended Square Arm		1.31
	Arm For Round Pole		1.25
	Trunnion		0.91
	Trunnion in 30 Degree		1.38

### Ordering Information

**Example: MT150501-PC-TR-VW**

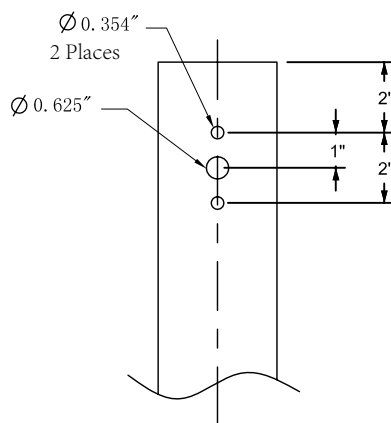
MT	Watts	CCT	Voltage	Controls	Installation	Distribution	Finish
MT	100 - 100 Watts	30 - 3000K	1 - 120-277V	Blank - None	SF - Slip Fitter	III - Type III	Blank - Dark
	150 - 150 Watts	40 - 4000K	2 - 347V <sup>1</sup>	MS-L7B - Motion Sensor with Black L7 Lens <sup>4</sup>	TR - Trunnion	VW - Type V Wide	Bronze
	200 - 200 Watts	50 - 5000K	3 - 480V <sup>2</sup>	MS-L7W - Motion Sensor with White L7 Lens <sup>4</sup>	AR - Square Arm <sup>6</sup>	VN - Type V Narrow	AL - Aluminum
			6 - 347V/480V <sup>3</sup>	PC - Photoelectric Control		VM - Type V Middle	Silver
				7P - 7 Pin PE Receptacle <sup>5</sup>		IV - Type IV	

**Note:**

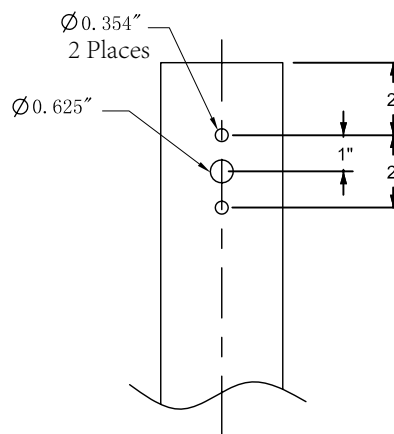
1. 347V is only used with photoelectric control .
  2. 480V is only used with photoelectric control.
  3. If choose 347/480V, please do not choose photoelectric control.
  4. The standard MS L7 lens is suitable for the mounting height of 6m (20ft) and higher.
  5. Shorting cap included.
  6. Round pole adapter need to be bought separately for a round pole.
- \*Please Ask Customer Service for any special requests.

## Driving Templates



**DRILLING TEMPLATE ROUND POLE MOUNTING**  
4 inch OD Round Pole Mounting Pole



**DRILLING TEMPLATE SQUARE POLE MOUNTING**  
4 to 6 inch OD Square Pole Mounting Pole



## Accessories

SKU	MODEL	IMAGE	DESCRIPTION
90202	MT-Round Pole Adapter		1.22" arm mount adapter for round pole, suitable for MT line 100W, 150W and 200W
90175	MT-HSS		House-side shield for 100W, 150W, 200W MT
90176	MT-HRS		House-rear shield for 100W, 150W, 200W MT

## PERFORMANCE DATA

### LUMEN OUTPUT

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Watts	Lumen Output	AC Input 120V	CRI	Dist. Type	LPW
100W	12000lm	0.92A	>70	Type III	120
150W	18000lm	1.38A		Type IV	120
200W	21046lm	1.84A		Type VW	107

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperature from -40-104°F (-40-40°C).

Ambient		Multiplier
Celsius	Fahrenheit	
0	32	1.02
10	50	1.01
20	68	1.00
25	77	1.00
30	86	1.00
40	104	0.99

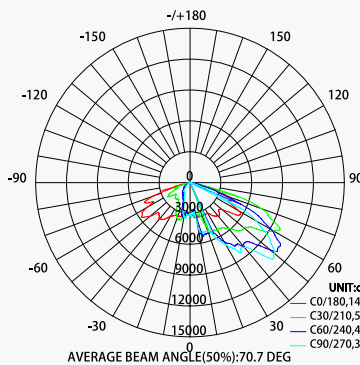
### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the MT LED in a 77°F ambient, (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

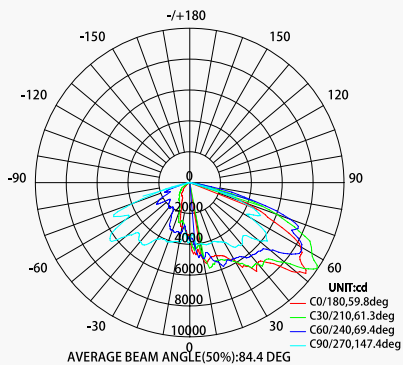
Operating Hours	0	10,000	16,000	28,000	107,000
Lumen Maintenance Factor	0.1	0.98(L98)	0.96(L96)	0.92(L92)	0.70(L70)

### Photometry

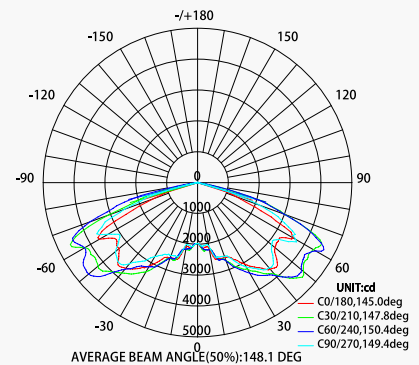
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



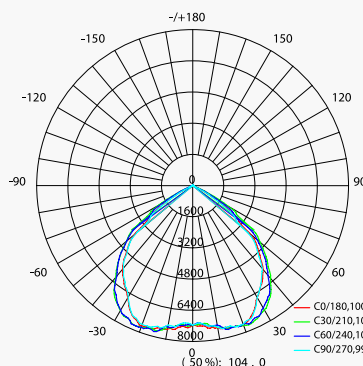
**Type III**



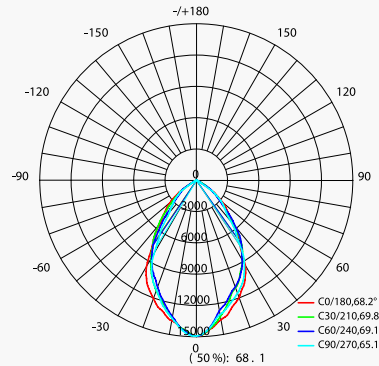
**Type IV**



**Type VW**



**Type VM**



**Type VN**

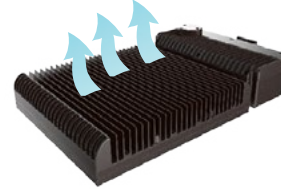
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 www.sitlersledsupplies.com

## FEATURES



High quality die cast housing



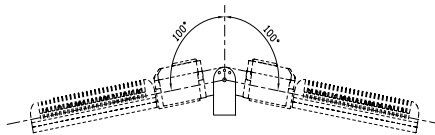
Superior thermal management



Multiple mounting options.  
Trunnion option, slip fitter, wall mounted, pole mounted



Precision construction.  
IP 66 rated.



180° swivel design.



Multiple controls available.  
Multi-level Motion Sensor, Standard  
Twistlock photocell

## PRODUCT SPECIFICATIONS

### CONSTRUCTION & MATERIALS

- Housing is all aluminum construction
- Special reflector design with tempered glass lens doesn't fade and discolor
- Terminal block for power input suitable for 18 AWG wire
- Luminaire sides are rugged die cast aluminum with integral, weathertight LED driver compartments and high performance heat sinks

### ELECTRICAL SYSTEM

- Input Voltage: 120-277V, 347V/ 480V
- 50/60Hz
- Minimum Ambient -40°F, maximum ambient 104°F
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load
- Integral 10KV surge suppression protection standard
- 1-10V Dimming

### CERTIFICATIONS AND QUALIFICATIONS

- ETL Listed
- Suitable for wet location
- IP66 rated<sup>1</sup>
- DLC Premium qualified<sup>2</sup>
- RoHS compliant

### MT LED RATED LIFE

Performed to ISTMT standards

Ambient Temp in	73°F	104°F	113°F	122°F
100W Rated Life	109,000H	103,000H	85,000H	58,000H
150W Rated Life	106,000H	94,000H	91,000H	88,000H
200W Rated Life	93,000H	84,000H	/	/

### Warranty

Ten year limited warranty. Full warranty terms located at [www.abovealllighting.com/warrantystatements/](http://www.abovealllighting.com/warrantystatements/)

### Note:

1. Twistlock photocell is IP65
  2. DLC Premium is only for 100W 5000K in all distributions and 150W 5000K in type V. The others are DLC standard.
- Specifications subject to change without notice.

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System Wattage	Max THD (%)	Power Factor	Power Efficiency	Replaces/ Equiv.(MH)
100W	20	>0.9	93%	400 W
150W	20	>0.9	93%	600 W
200W	20	>0.9	93%	800 W

### BUG RATING

Performed to IESNA LM-79-08 standards  
by a NVLAP accredited laboratory

Model	BUG Rating
MT100501-III	B3-U0-G2
MT150501-III	B3-U0-G2
MT100501-VW	B3-U0-G2
MT150501-VW	B4-U0-G2
MT200501-III	B3-U0-G2
MT200501-VW	B4-U0-G2