

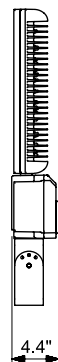
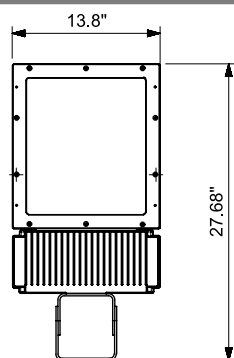
MT LED AREA LIGHT



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 0-10V dimming.

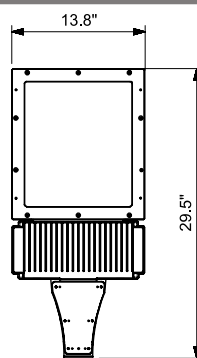
SPECIFICATION



100W, 150W, 200W

Trunnion

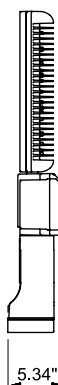
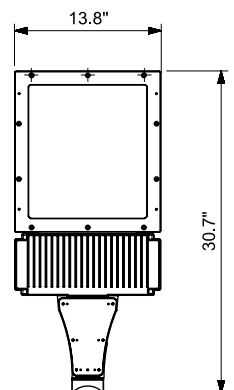
Length: 27.68"
 Width: 13.8"
 Height: 4.4"
 Max Weight
 11.6kg/25.6lbs



100W, 150W, 200W

Square Arm

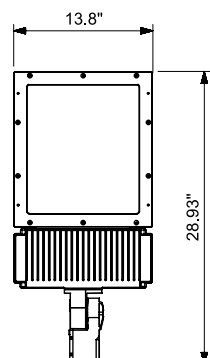
Length: 29.5"
 Width: 13.8"
 Height: 5.34"
 Max Weight
 11.6kg/25.6lbs



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

Ordering Information

Example: MT150501-PC-TR-VW

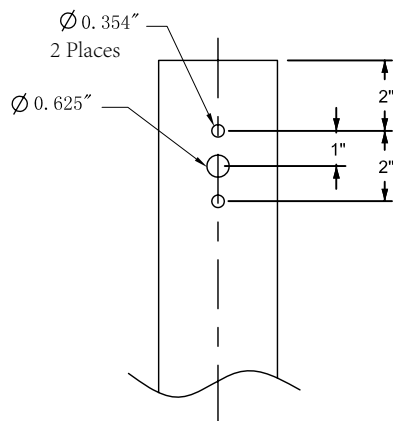
MT	Watts	CCT	Voltage	Controls	Installation	Distribution	Finish
MT	100 - 100 Watts	30 - 3000K	1 - 120-277V	Blank - None	SF - Slip Fitter	III - Type III	Blank - Dark
	150 - 150 Watts	40 - 4000K	2 - 347V	MS-L7B - Motion Sensor with Black L7 Lens	TR - Trunnion	VW - Type V Wide	Bronze
	200 - 200 Watts	50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

Note:

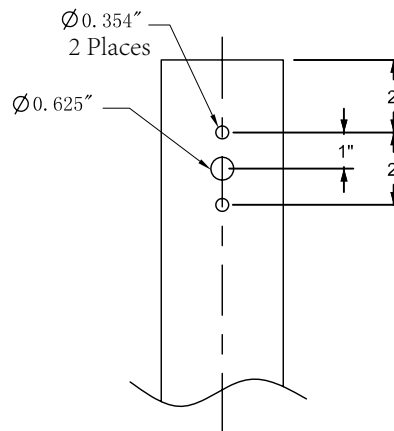
1. Shorting cap included.
2. If for round arm a round pole adapter need to be bought separately.

Drilling 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
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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.

Lumen Ambient Temperature (LAT) Multipliers

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

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

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

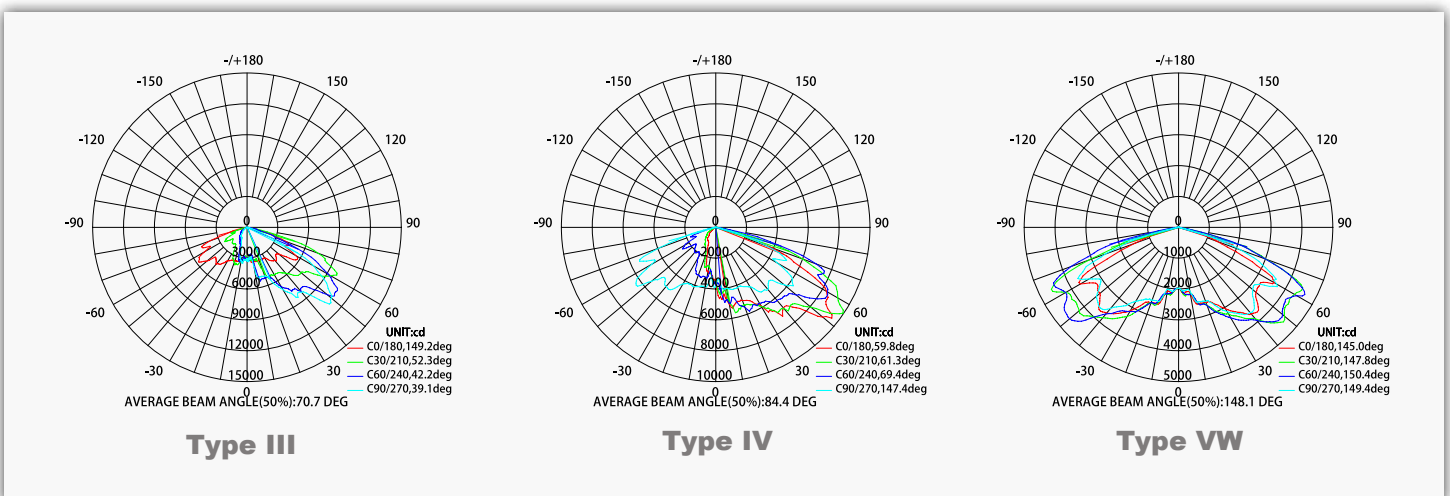
Projected LED Lumen Maintenance

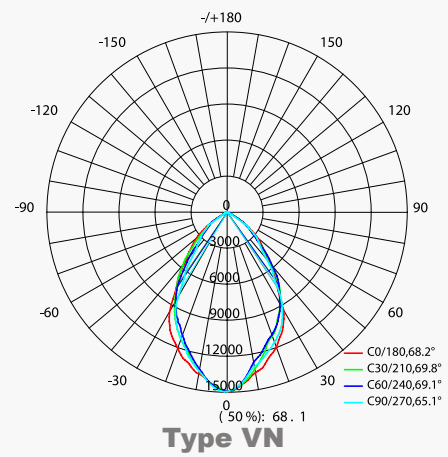
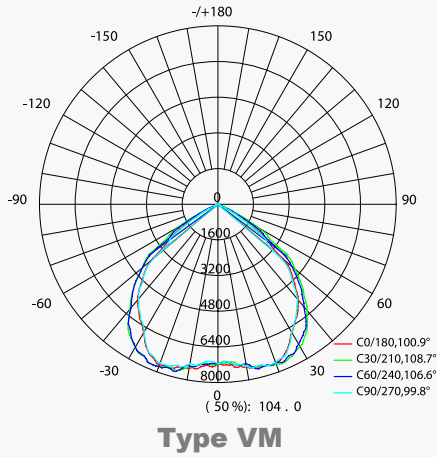
Data references the extrapolated performance projections for the MT LED in a 77°F ambient, (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

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.

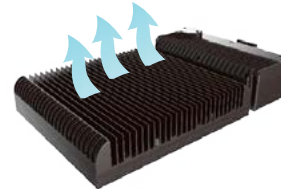




FEATURES



High quality die cast housing



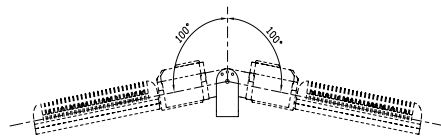
Superior thermal management



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
- 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

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

Ref#: AB10222-10116

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

Effective Project Area

100W/150W/200W EPA=1.46 max (depending on mounting type)

CERTIFICATIONS AND QUALIFICATIONS

- ETL Listed
- Suitable for wet location
- IP66 rated¹
- DLC Premium qualified²
- RoHS compliant

MT LED RATED LIFE

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	/	/

BUG RATING

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

Warranty

Ten year limited warranty. Full warranty terms located at 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.