

MODEL-T LED



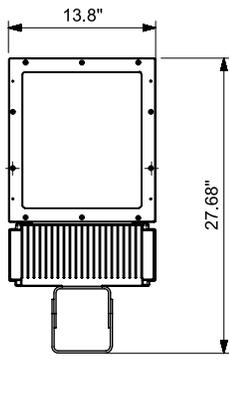
IMAGE MAY VARY FROM ACTUAL PRODUCT



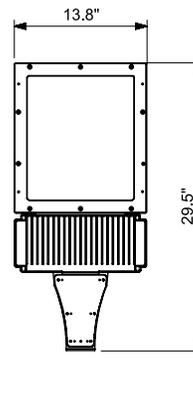
PRODUCT DESCRIPTION

The Model-T LED is a universal and scalable outdoor LED luminaire. The Model-T LED 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 Model-T LED can be customized for standard on off wall switching, on/off motion sensor switching or multi-level motion sensor switching. The Model-T LED also comes standard with 0-10V dimming.

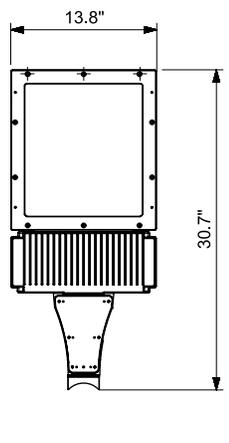
SPECIFICATION



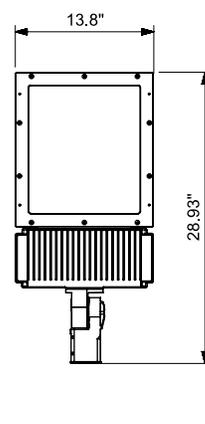
**100W, 150W, 200W
Trunnion**
 Length: 27.68"
 Width: 13.8"
 Height: 4.4"
 Max Weight
 11.6kg/25.6lbs



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



**100W, 150W, 200W
Slip Fitter**
 Length: 13.8"
 Width: 28.93"
 Height: 4.4"
 Max Weight
 11.6kg/25.6lbs

Ordering Information

Example: MT150501-MS-TR-VN

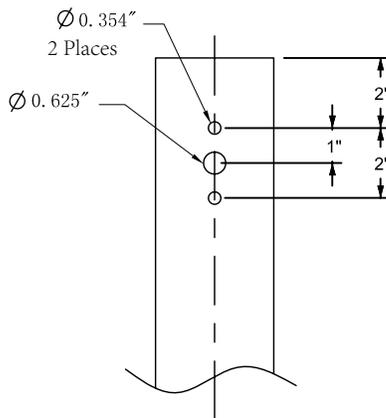
Model -T	Watts	CCT	Voltage	Controls	Installation	Distribution
MT	100 - 100 Watts	30 - 3000K	1 - 120-277V	MS - Multi-Level Motion Sensor PC - Standard Twistlock	SF - Slip Fitter TR - Trunnion AR - Square Arm*	III - Type III IV - Type IV VW - Type V Wide 100°
	150 - 150 Watts	40 - 4000K*	6 - 347V/480V			
	200 - 200 Watts	50 - 5000K				

Notice:

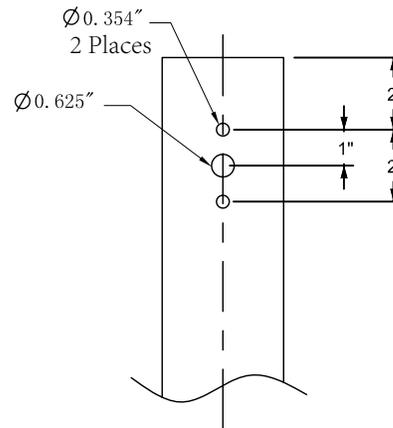
1. Standard Finish as Traditional Bronze.
2. DLC Premium only with 5000K at present.
3. Special Order as other finish color - Ask Customer Service for Details

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
90055	MT-Trunnion		MT-Flood Light accessory, suitable for mounting MT line 100W/150W/200W/300W to horizontal and vertical surface
90046	MT-Slip Fitter		MT-Flood Light accessory, suitable for mounting MT line 100W/150W/200W/300W to standard 2-3/8" O.D.

SKU	MODEL	IMAGE	DESCRIPTION
90048	MT- Round 1.81" Extended Arm		MT-Area Light accessory, suitable for mounting MT line 100W/150W/200W/300W to round pole
90007	Multi-Level Motion Sensor		Programmable Multi-Level Motion Sensor(WattStopper, FSP-211 IR)
90051	MT-PC		Standard twistlock photocontrol, MT accessory, suitable for MT line 100W/150W/200W/300W
90062	MT-Square Arm		MT accessory, suitable for mounting MT line 100W/150W/200W/300W to standard square pole

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	120

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

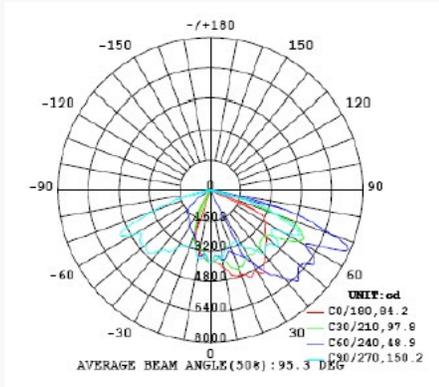
Projected LED Lumen Maintenance

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

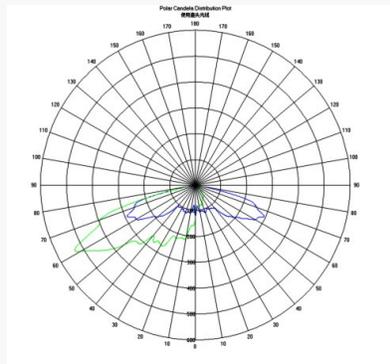
Operating Hours	0	10,000	15,000	28,000	105,000
Lumen Maintenance Factor	1.0	0.98(L98)	0.96(L96)	0.92(L92)	0.70(L70)

Photometry

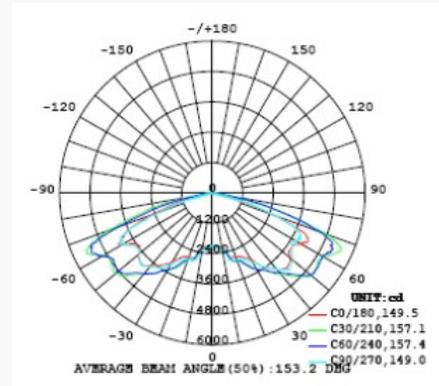
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



Type III



Type IV



Type VW

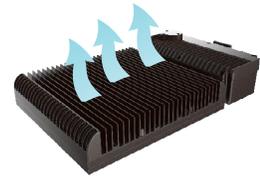
FEATURES



High quality die cast housing



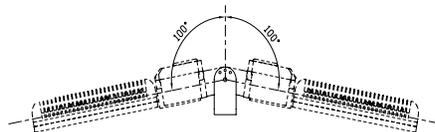
Multiple mounting options.
 Trunnion option, slip fit,
 wall mounted, pole mounted



Air cooling.
 40°C ambient rated.



Precision construction.
 IP 66 rated.



180° swivel design.

INSTALLATION OPTIONS

OPTION 1: POLE INSTALLATION



Round pole with SKU 90048 and SKU 90062



Square pole with SKU 90062

OPTION 2: UNIVERSAL SLIP FITTER INSTALLATION



OPTION 3: FLOOD LIGHT TRUNNION /YOKE INSTALLATION



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#: AB10222-20117

ELECTRICAL SYSTEM

- Input Voltage: 120-277V, 347V/ 480V
- 50/60Hz
- Minimum Ambient -40°C, maximum ambient 40°C
- 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)
300W EPA=1.52 max (depending on mounting type)

CERTIFICATIONS AND QUALIFICATIONS

- ETL Listed
- Suitable for wet location
- IP66 rated
- DLC Premium qualified
- RoHS compliant

MODEL-T 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

Warranty

Seven year limited warranty. Full warranty terms located at www.aboveallighting.com/warrantystatements/

Note: Specifications subject to change without notice.