

SMT LED AREA LIGHT



PRODUCT DESCRIPTION

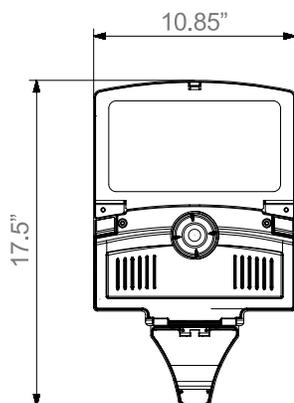
The SMT series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is a better alternative for traditional street and area lighting with quick payback and improved performance. It is widely used for Roadway, parking lots, walkways and general area spaces.

FEATURES

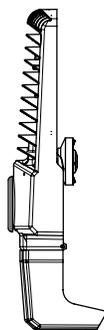
1. Low profile design, minimizing wind load.
2. Heavy duty construction with die casting aluminum housing.
3. Polycarbonate with tempered glass lens doesn't fade and discolor.
4. Versatile mounting options for square pole, round pole and wall mounting.
5. Option of controls for maximum energy savings.
6. Full distributions to cover various applications.
7. Integral 10kV surge suppression protection.

SPECIFICATION

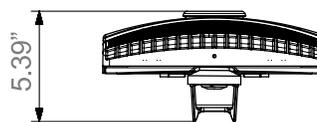
Arm Mount



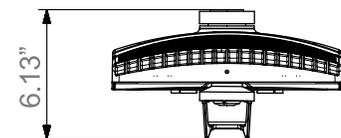
FACE VIEW



SIDE VIEW

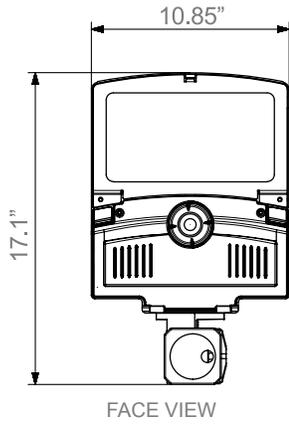


FRONT VIEW

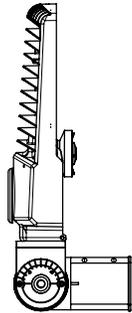


FRONT VIEW
WITH RECEPTACLE

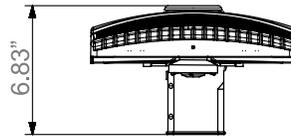
Slipfitter Mount



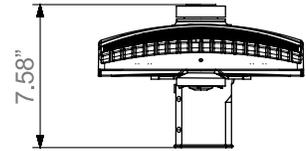
FACE VIEW



SIDE VIEW

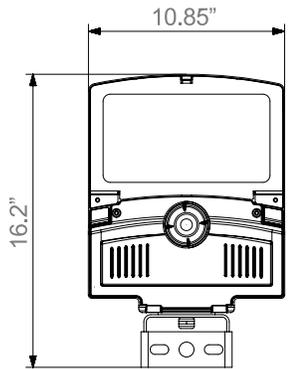


FRONT VIEW

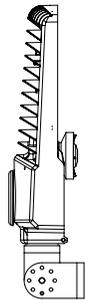


FRONT VIEW
WITH RECEPTACLE

Trunnion Mount



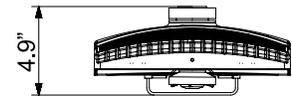
FACE VIEW



SIDE VIEW

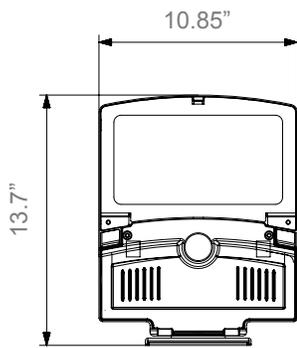


FRONT VIEW

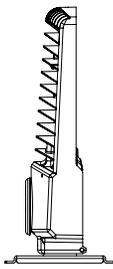


FRONT VIEW
WITH RECEPTACLE

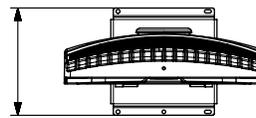
Wall Mount



FACE VIEW



SIDE VIEW



FRONT VIEW



Arm Mount



Trunnion Mount



Slipfitter Mount



Wall Mount

Approximate Net Weight	10 lbs
Dimension W/O Mounting Brackets (L*W*H):	13.20"*10.85"*3.20"
Effective Project Area (EPA)	-with Arm, EPA = 0.53 ft ²
	-with Slipfitter, EPA = 0.55 ft ²
	-with Trunnion, EPA = 0.47 ft ²
	-with Wall Bracket, EPA=0.324ft ²

Ordering Information
Example: SMT40401-7P-SAR-T2

SMT	Watts	CCT	Voltage	Control	Installation	Distribution	Finish
SMT	40 - 40W	30 - 3000K	1 - 120-277V	Blank - None	SAR - Square	T2 - Type II	Blank - Dark Bronze
	60 - 60W	40 - 4000K	2 - 347V¹	MS-L3B - Motion	Pole Arm	T3 - Type III	AL - Aluminum Silver
	80 - 80W	50 - 5000K	3 - 480V²	Sensor with Black	RAR - Round	T4 - Type IV	
			6 - 347/480³	L3 Lens ⁴	Pole Arm	T5 - Type V	
			MS-L3W - Motion	TR - Trunnion			
				Sensor with White	SF - Slip Fitter⁶		
				L3 Lens ⁴	WM - Wall Mount		
				PC - Photoelectric			
				Control			
				7P - 7 Pin PE			
				Receptacle ⁵			

Notes:

- 347V is only used with photoelectric control .
- 480V is only used with photoelectric control.
- If choose 347/480V, please do not choose photoelectric control.
- The standard MS L3 lens is suitable for the mounting height of 20ft (6m) Max. If higher than 20ft (6m), please contact Customer Service to choose L7 lens. Motion sensor is NOT available for 40W with 347/480V.
- Shorting cap included..
- The slip fitter fits a 2 3/8" O.D. tenon or pole.

PERFORMANCE DATA

LUMEN OUTPUT

Lumen values are measured by goniophotometers system

Lumen Ambient Temperature (LAT) Multipliers

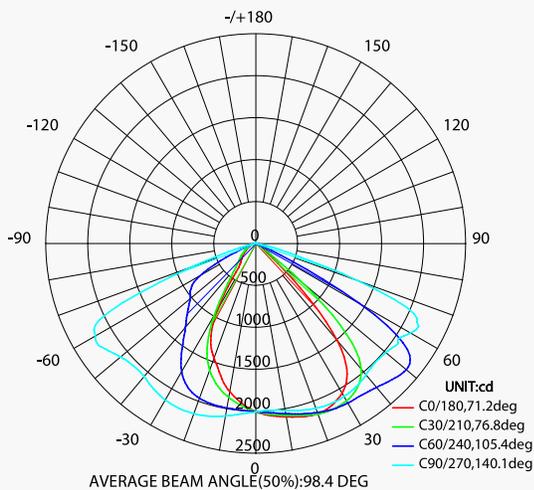
Use these factors to determine relative lumen output for average ambient temperature from -40-122°F (-40-50°C)

Nominal Watts	Measured Watts	Lumen Output	AC Input 120V	CRI	Dist. Type	CCT	LPW
40W	42W	5155lm	0.35A	>70	Type V	5000K	123
60W	62W	7200lm	0.55A				116
80W	75W	8862lm	0.68A				118

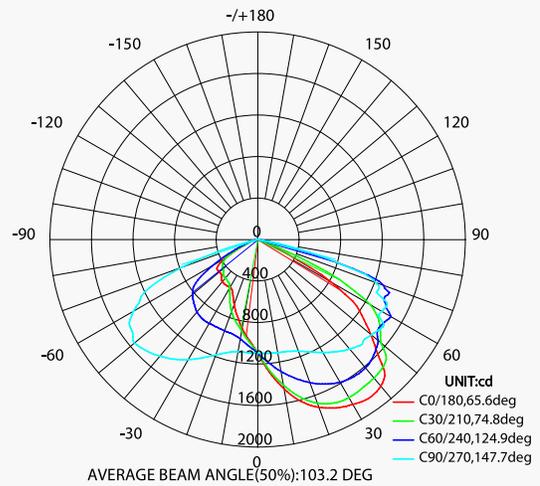
Ambient		Multiplier
Celsius	Fahrenheit	
0	32	1.02
10	50	1.01
20	68	1.00
25	77	1.00
30	86	1.00
40	104	0.99

Photometry

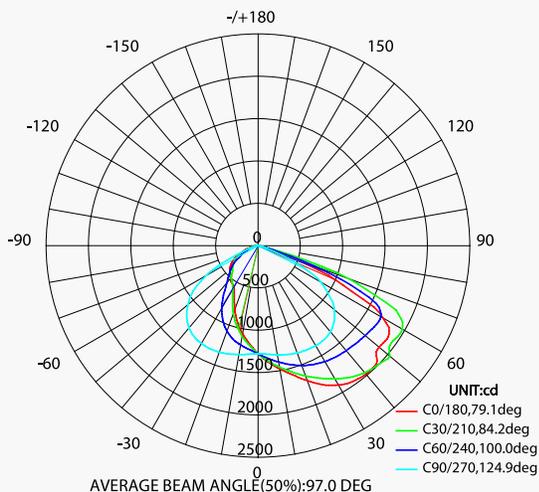
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



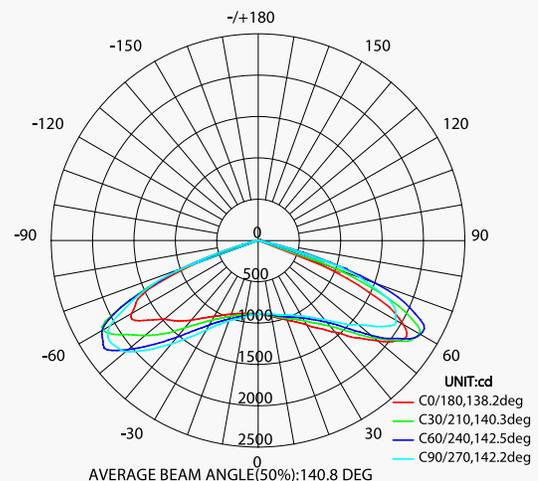
Type II



Type III



Type IV



Type V

PRODUCT SPECIFICATIONS

CONSTRUCION & MATERIALS

- Housing is aluminum construction
- Polycarbonate with tempered glass lens
- Luminaire sides are rugged die cast aluminum with integral, weathertight LED driver compartments and high performance heat sinks

ELECTRICAL SYSTEM

- Input Voltage: 100-277V, 347-480V, 50/60Hz
- Power Factor : > 0.9 at 120V
- Total Harmonic Distortion: < 20% at 120V
- Designed with 0-10V dimming capabilities.
- Integral 10kV surge suppression protection standard.
- Minimum Ambient -40°F, maximum ambient 122°F

System Wattage	Max THD (%)	Power Factor(at 120Vac)	Power Efficiency	Replaces/ Equiv.(HPS)
40W	20	>0.9	93%	70-100W
60W	20	>0.9	93%	100-150W
80W	20	>0.9	93%	150-200W

Ref#:11811-10129

CERTIFICATIONS AND QUALIFICATIONS

- ETL listed
- IP66 rated
- DLC Premium qualified. Please refer to <http://www.designlights.org/QPL> for most current information
- RoHS compliant

SMT LED RATED LIFE

Performed to ISTMT standards

Ambient Temp in	73°F	104°F	113°F	122°F
80W Rated Life	100,000H	100,000H	90,000H	65,000H

Warranty

 Ten year limited warranty. Full warranty terms located at www.abovealllighting.com/warrantystatements/

Note: Specifications subject to change without notice.