



The SMT series leverages advanced LED technology to deliver a high-performance, long-life lighting solution. It provides superior photometrics for greater uniformity, making an efficient upgrade for parking lots and public areas with a quick return on investment.

TECHNICAL DATA

Wattage	40W, 60W, 75W, 85W
CRI	
Standard	70
Optional	80
CCT	3000K, 4000K, 5000K
Input Voltage	120 - 277V, 50/60Hz
	347V - 480V, 50/60Hz
Operating Temp.	-40°F to 122°F (-40°C to 50°C)
Driver	0 - 10V dimming - standard ¹
Certifications	cETLus listed
	RoHS compliant
	DLC Premium qualified
Power Factor	>0.9 at 120V
Harmonic Distortion	<20% at 120V
Ambient Temp.	-40°F to 122°F (-40°C to 50°C)
Projected Lifetime	L70 - 127,000 Hours
IP Rating	IP66

NOTE:

1. The dimming wires are inside the fixture. If need to have access to the dimming wire, please contact Customer Service.

FEATURES

- **Robust Construction & Versatile Installation:** Die-cast aluminum housing with polycarbonate and non-fading tempered glass lens. Low-profile design minimizes wind load.
- **Lighting Performance & Control:** Full-distribution optics for various applications, plus optional energy-saving controls and standard 10KV surge suppression for enhanced reliability.



SMT with right side shield



SMT with left side shield

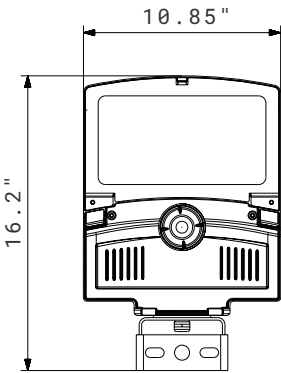


SMT with back side shield

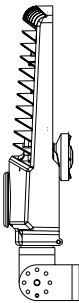
SPECIFICATION

Approximate Net Weight	10 lbs
Dimension without Mounting Brackets (L*W*H):	13.20" * 10.85" * 3.20"
Effective Project Area (EPA)	with Trunnion, EPA = 0.47 ft²

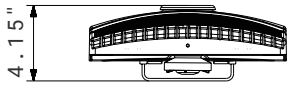
Trunnion Mount



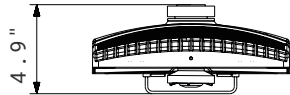
Face View



Side View



Front View



Front View
With Receptable

ACCESSORIES (ORDERED SEPARATELY AND FIELD INSTALLED)



90405
SMT-RSS
Right side shield for SMT.



90406
SMT-LSS
Left side shield for SMT.



90786
SMT-BSS
Back side shield for SMT.



ORDERING INFORMATION

EXAMPLE: SMT40401-7P-SAR-T2

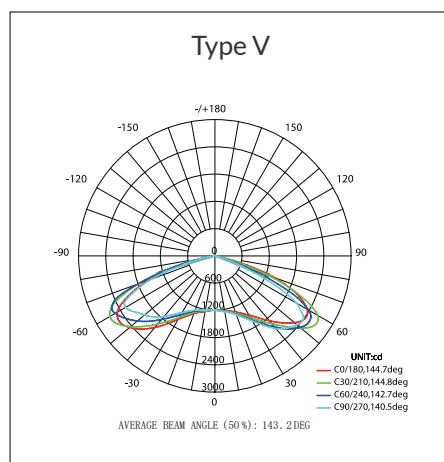
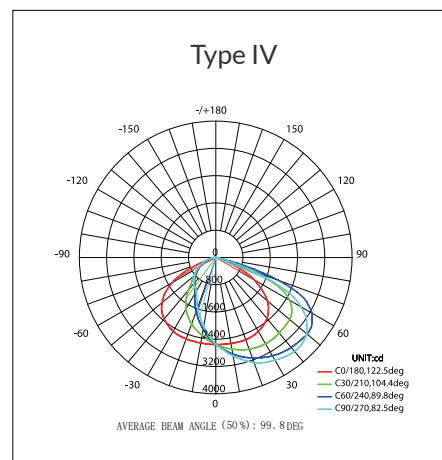
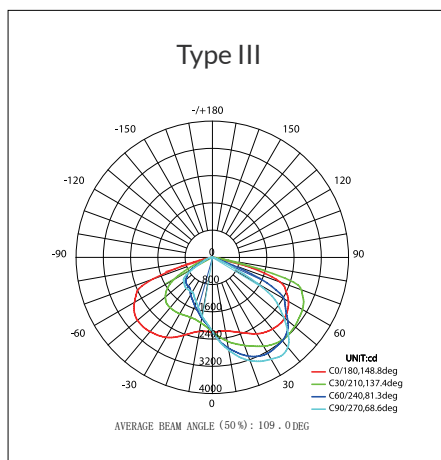
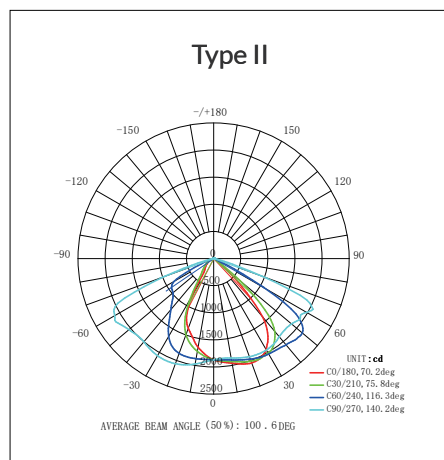
SMT							
Series	Wattage	CCT	Voltage	Control	Installation	Distribution	Finish
SMT	40 40W	30 3000K	1 120-277V	BLANK 0-10V dimming MS-L3B Wattstopper Sensor with Black L3 Lens ³ PC Photoelectric Control 7P 7 Pin Receptacle ⁴	TR Trunnion	T2 Type II	BLANK Dark Bronze ⁵ <i>Optional Finish Colors (Need Additional Charge)</i>
		40 4000K	2 347V ¹			T3 Type III	
		50 5000K				T4 Type IV	
						T5 Type V	
	60 60W	30 3000K	1 120-277V				
	80 75W	40 4000K	2 347V ¹				
	85 85W	50 5000K	3 480V ²				
			6 347/480V				

NOTE:

- 347V is only used with photoelectric control.
- 480V is only used with 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. Wattstopper sensor is NOT available for 347/480V.
- Shorting cap included.
- Standard Finish is Dark Bronze. Custom colors will ask for additional charge.

PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.



PERFORMANCE DATA

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

Nominal Wattage	Measured Wattage	Lumen Output	AC Input 120V	CRI	Dist. Type	CCT	LPW
40W	42W	5155lm	0.35A	>70	Type III	4000K	123
60W	62W	7200lm	0.52A	>70	Type III	4000K	116
80W	75W	8862lm	0.62A	>70	Type III	4000K	118
85W	85W	10285lm	0.71A	>70	Type III	4000K	121

Lumen Ambient Temperature (LAT) Multipliers

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

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

SMT LED RATED LIFE

Performed to ISTMT standards.

Ambient Temp in	73°F	104°F	113°F	122°F
85W Rated Life	100,000H	100,000H	90,000H	65,000H

System Wattage	Max THD (%)	Power Factor (at 120 Vac)	Replaces/ Equiv. (HPS)
40W	20	>0.9	70-100W
60W	20	>0.9	100-150W
75W	20	>0.9	150-200W
85W	20	>0.9	250-400W

BUG RATING TABLE

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

Model	BUG Rating
SMT40401-T2	B2-U0-G1
SMT40401-T3	B1-U0-G1
SMT40401-T4	B1-U0-G1
SMT40401-T5	B2-U0-G1
SMT60401-T2	B3-U0-G1
SMT60401-T3	B2-U0-G1
SMT60401-T4	B2-U0-G1
SMT60401-T5	B3-U0-G1
SMT80401-T2	B3-U0-G2
SMT80401-T3	B2-U0-G2
SMT80401-T4	B2-U0-G1
SMT80401-T5	B3-U0-G1
SMT85301-T2	B3-U0-G2
SMT85301-T3	B2-U0-G2
SMT85301-T4	B2-U0-G2
SMT85301-T5	B3-U0-G3

WARRANTY

5 years limited warranty.
Specifications subject to change without notice.

Ref#: 20251023