ABOVE ALL
www.AboveAllLighting.com

Project Name_____
Product Code_____
SKU No._____
Memo _____
Data _____

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 be used for Roadway, parking lots, walkways and general area spaces.

FEATURE

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

ELECTRICAL SYSTEM

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

PERFORMANCE

CRI

70 is standard
80 is optional

CCT

3000K、4000K、5000K

Dimming

0-10V Dimming Standard
The dimming wires are inside the fixture.
If need to have access to the dimming wire, please contact Customer Service.

Projected Lifetime

L70 - 127,000 Hours

Working Temperature

-40-122˚F (-40-50˚C)

Certifications

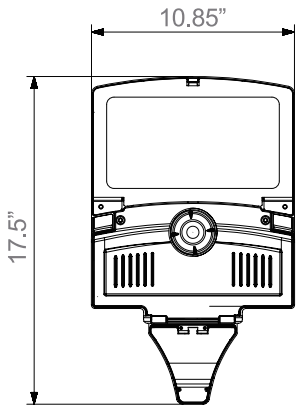
- **ETL listed**
- **IP66 rated**
- **DLC Premium qualified**
- **RoHS compliant**

SPECIFICATION

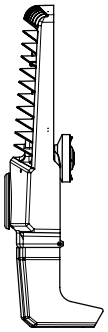
Approximate Net Weight	10 lbs
Dimension W/O Mounting Brackets (L*W*H):	13.20"*10.85"*3.20"
Effective Project Area (EPA)	-with Arm, EPA = 0.53 ft²
	-with Slipfitter, EPA = 0.55 ft²
	-with Trunnion, EPA = 0.47 ft²
	-with Wall Bracket, EPA=0.324ft²

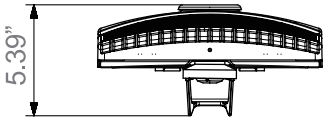
1135 Thomas Busch Highway,
Pennsauken, NJ 08110
©2019 ABOVE ALL Lighting, Inc. All rights reserved
866-222-8866
info@abovealllighting.com
www.AboveAllLighting.com

Arm Mount

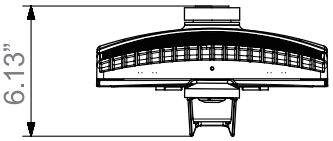


FACE VIEW


SIDE VIEW

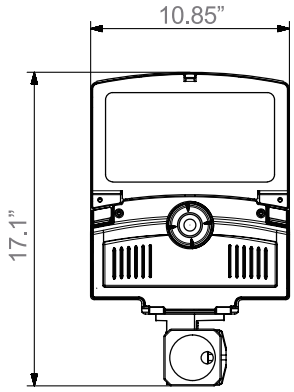


FRONT VIEW

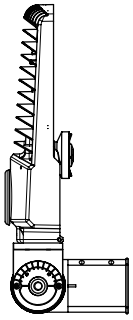


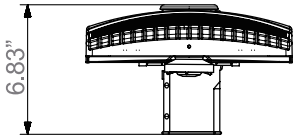
FRONT VIEW
WITH RECEPTACLE

Slipfitter Mount

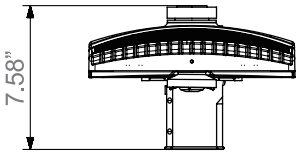


FACE VIEW


SIDE VIEW

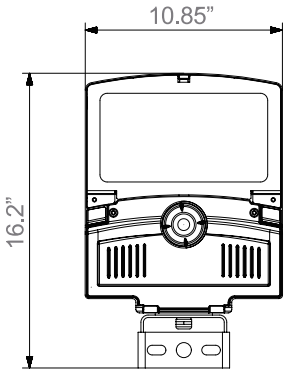


FRONT VIEW

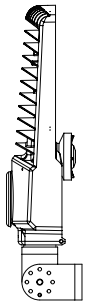


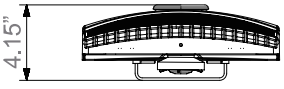
FRONT VIEW
WITH RECEPTACLE

Trunnion Mount

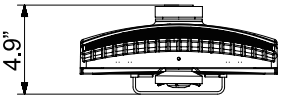


FACE VIEW


SIDE VIEW



FRONT VIEW

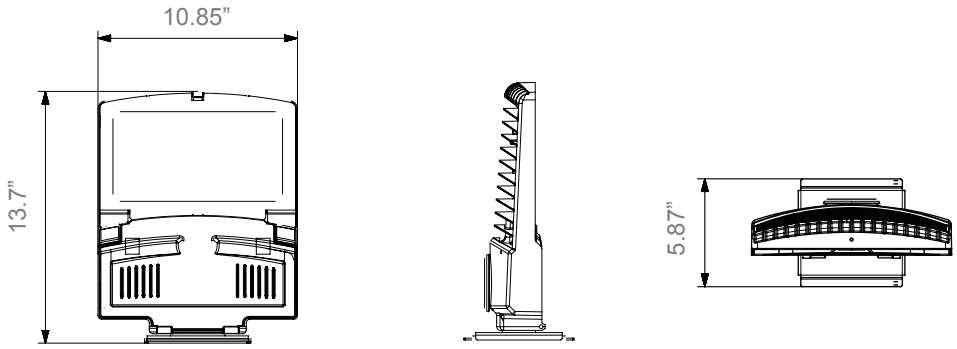


FRONT VIEW
WITH RECEPTACLE

1135 Thomas Busch Highway,
Pennsauken, NJ 08110
©2019 ABOVE ALL Lighting, Inc. All rights reserved
866-222-8866
info@abovealllighting.com
www.AboveAllLighting.com

ABOVE ALL
www.AboveAllLighting.com

Wall Mount



FACE VIEW SIDE VIEW FRONT VIEW

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 Pole Arm[6]	**T2** - Type II	**Blank** - Dark Bronze
		40 - 4000K	**2 -** 347V[1]	**MS-L3B** - Wattstopper Sensor with Black L3 Lens[3]	**TR** - Trunnion	**T3** - Type III	Optional Finish Colors (Need Additional Charge)*
		50 - 5000K		**PC** - Photoelectric Control	**SF** - Slip Fitter[5]	**T4** - Type IV	
	60 - 60W		**1 -** 120-277V	**7P -** 7 Pin Receptacle[4]	**WM** - Wall Mount	**T5** - Type V	
	80 - 75W		**2 -** 347V[1]				
	85 - 85W		**3 -** 480V[2]				
			6 - 347/480V				

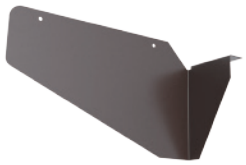
Notes:

1. 347V is only used with photoelectric control .
2. 480V is only used with photoelectric control.
3. 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 NOTavailable for 347/480V.
4. Shorting cap included.
5. The slip fitter fits a 2 3/8’’ O.D. tenon or pole.
6. If for round pole mount, a separate round pole adapter need to be bought. Please check the following accessory table for detials.

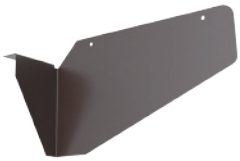
* Standard Finish is Dark Bronze. Custom colors will ask for additional charge.

1135 Thomas Busch Highway,
Pennsauken, NJ 08110
©2019 ABOVE ALL Lighting, Inc. All rights reserved
866-222-8866
info@abovealllighting.com
www.AboveAllLighting.com

Accessories (Ordered separately/field install)



90405
SMT-RSS
Right side shield for SMT



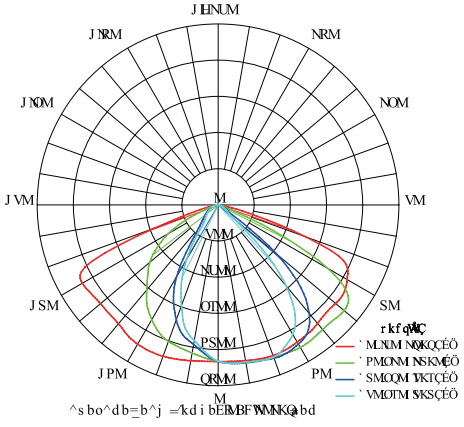
90406
SMT-LSS
Left side shield for SMT

90786
SMT-BSS
Back side shield for SMT

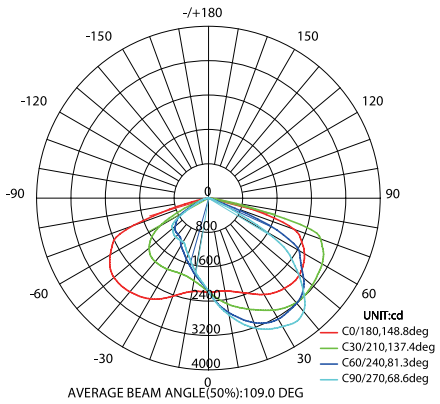
90204
SMT-RPA
Round pole adapter for SMT

PHOTOMETRY

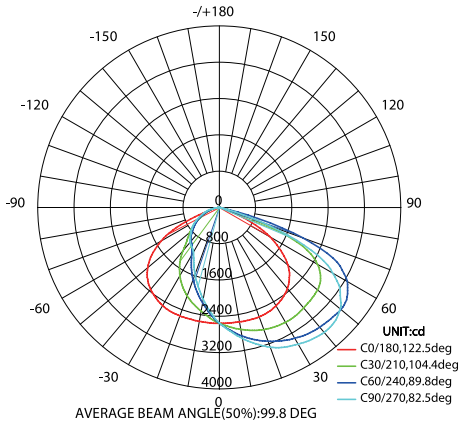
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



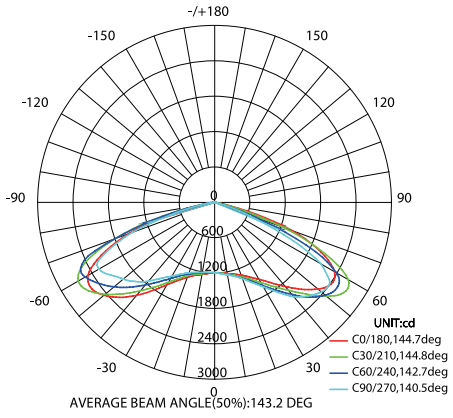
Type II



Type III



Type IV



Type V

1135 Thomas Busch Highway,
Pennsauken, NJ 08110
©2019 ABOVE ALL Lighting, Inc. All rights reserved
866-222-8866
info@abovealllighting.com
www.AboveAllLighting.com

ABOVE ALL
www.AboveAllLighting.com

PERFORMANCE DATA

LUMEN OUTPUT

Lumen values are measured by goniophotometers system

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

Lumen Ambient Temperature (LAT) Multipliers

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

BUG RATING

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

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 120Vac)	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

1135 Thomas Busch Highway,
Pennsauken, NJ 08110
©2019 ABOVE ALL Lighting, Inc. All rights reserved
866-222-8866
info@abovealllighting.com
www.AboveAllLighting.com

ABOVE ALL
www.AboveAllLighting.com

Ref#: 20240425

SMT with Arm Mount

SMT with Trunnion Mount

SMT with Slipfitter Mount

SMT with Wall Mount

SMT with right side shield

SMT with left side shield

SMT with back side shield

Warranty

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

Note:

Specifications subject to change without notice.

1135 Thomas Busch Highway,
Pennsauken, NJ 08110
©2019 ABOVE ALL Lighting, Inc. All rights reserved
866-222-8866
info@abovealllighting.com
www.AboveAllLighting.com