

SMT LED AREA LIGHT



PRODUCT DESCRIPTION

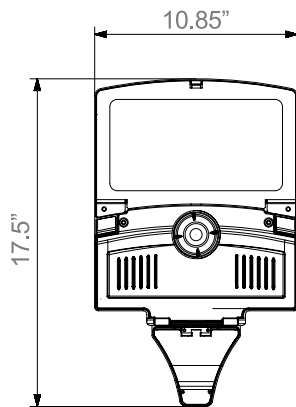
The SMT series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is a better alternative for traditional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

FEATURES

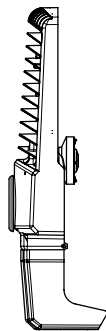
1. Low profile design, minimizing wind load.
2. Heavy duty construction with die casting aluminum housing.
3. Polycarbonate with tempered glass lens doesn't fade and discolor.
4. Versatile mounting options for square pole, round pole and wall mounting.
5. Option of controls for maximum energy savings.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

SPECIFICATION

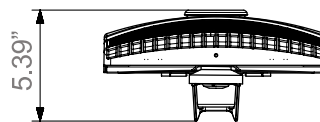
Arm Mount



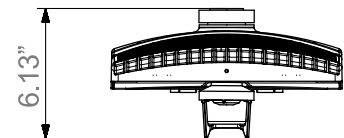
FACE VIEW



SIDE VIEW

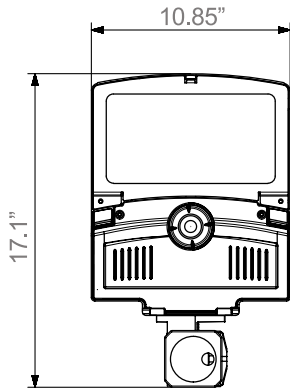


FRONT VIEW

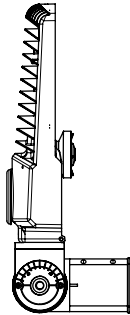


FRONT VIEW
WITH RECEPTACLE

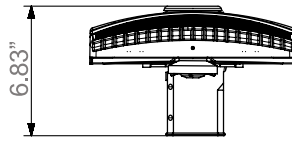
Slipfitter Mount



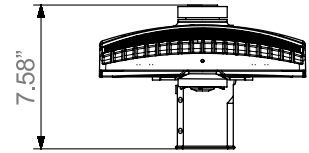
FACE VIEW



SIDE VIEW

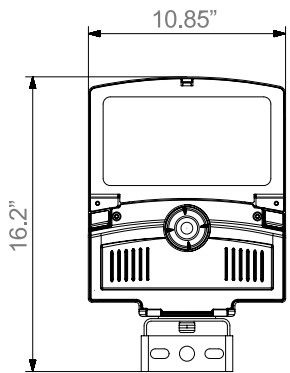


FRONT VIEW

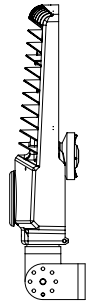


FRONT VIEW
WITH RECEPTACLE

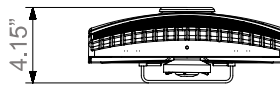
Trunnion Mount



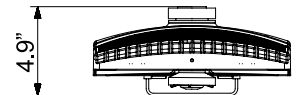
FACE VIEW



SIDE VIEW



FRONT VIEW



FRONT VIEW
WITH RECEPTACLE



Arm Mount



Trunnion Mount



Slipfitter 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 |

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 ⁶ | T5 - Type V | |
| | | | MS-L3W - Motion | TR - Trunion | | | |
| | | | | Sensor with White | SF - Slip Fitter⁷ | | |
| | | | | L3 Lens ⁴ | | | |
| | | | | 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.
- Shorting cap included.
- Round Pole Adapter need to be bought separately for round pole arm mounting. Please check following accessory table for details.
- The slip fitter fits a 2 3/8" O.D. tenon or pole. Please check following accessory table for details.

*Stock for this NEW product available in US warehouse in May, 2018.

Accessories Information (Order Separately)

| SKU | MODEL | IMAGE | DESCRIPTION |
|-------|---------|--|--|
| 90204 | SMT-RPA |  | Arm mount adapter for round pole, suitable for SMT series 40W, 60W and 80W |

PERFORMANCE DATA

LUMEN OUTPUT

Lumen values are measured by goniophotometers system

Lumen Ambient Temperature (LAT) Multipliers

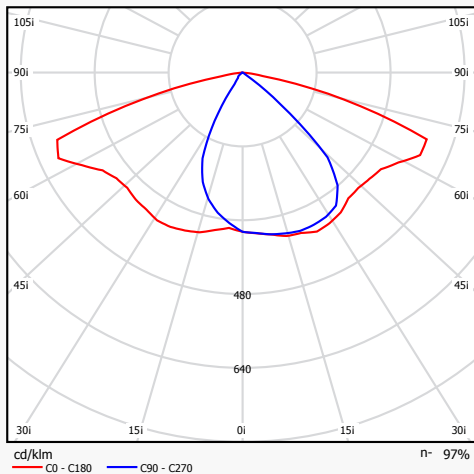
Use these factors to determine relative lumen output for average ambient temperature from -40-122°F (-40-50°C)

| System Watts | Lumen Output | AC Input 120V | CRI | Dist. Type | LPW |
|--------------|--------------|---------------|-----|------------|------------|
| 40W | 4600lm | 0.35A | >70 | Type V | 115 |
| 60W | 6900lm | 0.55A | | | 115 |
| 80W | 9200lm | 0.68A | | | 115 |

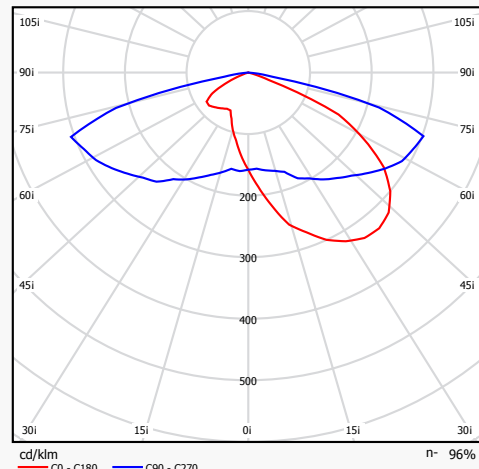
| Ambient | | Multiplier |
|---------|------------|------------|
| Celsius | Fahrenheit | |
| 0 | 32 | 1.02 |
| 10 | 50 | 1.01 |
| 20 | 68 | 1.00 |
| 25 | 77 | 1.00 |
| 30 | 86 | 1.00 |
| 40 | 104 | 0.99 |

Photometry

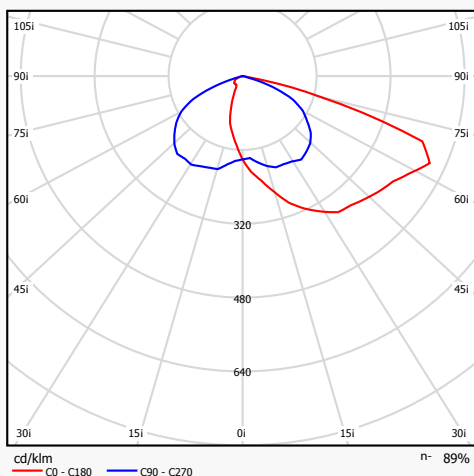
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



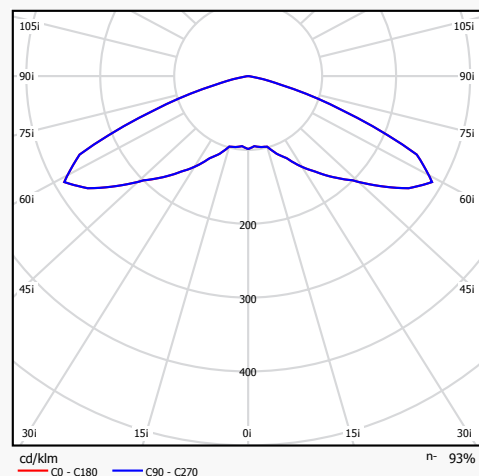
Type II



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#:11811-10428

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.