



LED AREA LUMINAIRE



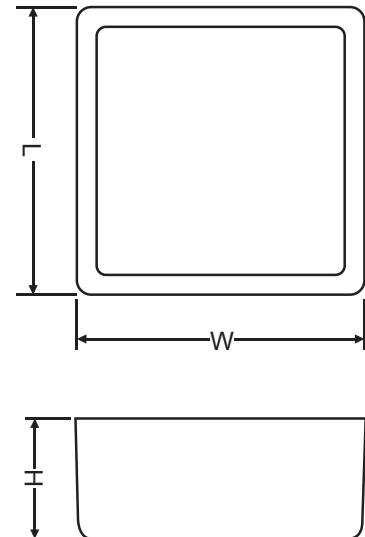
IMAGE MAY VARY FROM ACTUAL PRODUCT

PRODUCT DESCRIPTION

LED High Output Area Light for roadway, parking lots and other applications come in 55W, 80W, 110W, 135W, and 160W equal to 70W to 400W of Metal Halide and High Pressure Sodium. Maintenance free and an extreme long life of L70 135,000 hours and a 5-year limited warranty.

SPECIFICATION

| | |
|-------------------------|----------------------------|
| Length: 12" | Length: 16.5" |
| Width: 12" | Width: 16.5" |
| Height: 5" | Height: 7.5" |
| Max. Weight: 13 lbs 55W | Max. Weight: 18.3 lbs 110W |
| Max. Weight: 14 lbs 80W | Max. Weight: 17.5 lbs 135W |
| | Max. Weight: 17.5 lbs 160W |



Ordering Information

Example: ABAR080 LED50III-PC12

| ABOVE ALL Area Light | | Watts | Source type | CCT | Distribution |
|----------------------|----|---------------------------|-------------|---|--|
| AB | AR | 055 - 55 Watts | LED | 30 - 3000K 40 - 4000K 50 - 5000K | VW - type V wide III - type III |
| | | 080 - 80 Watts | | | |
| | | 110 - 110 Watts | | | |
| | | 135 - 135 Watts | | | |
| | | 160 - 160 Watts | | | |

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

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)

| Input power | Lumen Output | AC Input 120V | System Watts | Dist. Type | LPW |
|-------------|--------------|---------------|--------------|------------|-----|
| 55W | 5700 | 0.51A | 55W | Type III | 104 |
| 80W | 8450 | 0.71A | 80W | Type VW | 105 |
| 110W | 11550 | 1.01A | 110W | | 105 |
| 135W | 14120 | 1.24A | 135W | | 105 |
| 160W | 17200 | 1.47A | 160W | | 105 |

| 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 Areas Light Fixture in a 77°F ambient, (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

| Operating Hours | 0 | 39,000 | 65,000 | 120,000 | 468,000 |
|--------------------------|-----|-----------|-----------|-----------|-----------|
| 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.

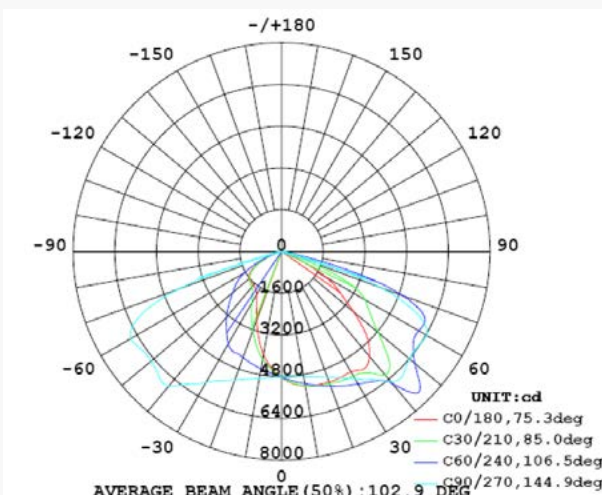


Chart 5: Polar Candela Distribution

Type III

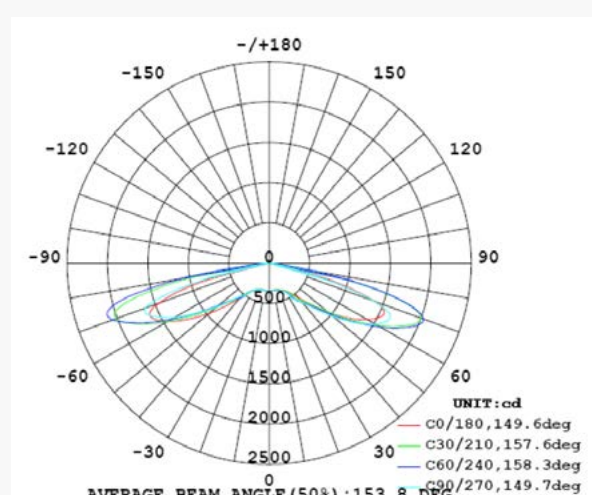
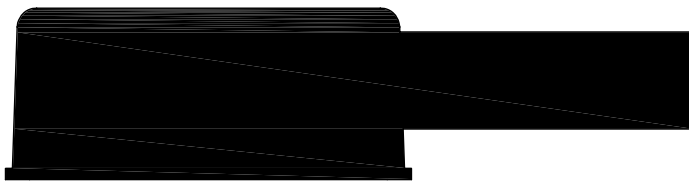


Chart 5: Polar Candela Distribution

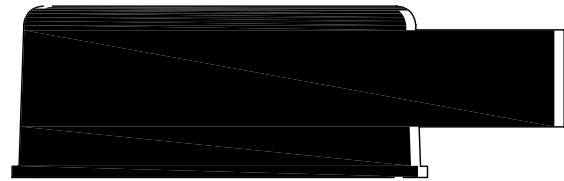
Type VW

INSTALLATION

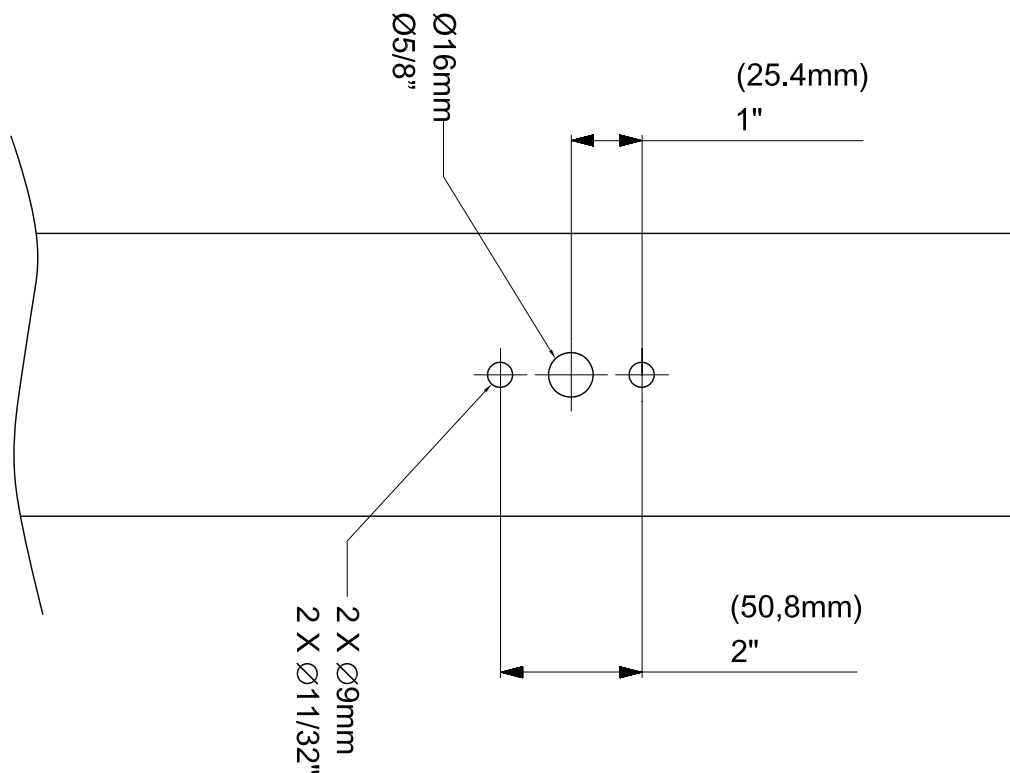
12' SQUARE ARM 110W, 135W, 160W



6' SQUARE ARM 55W, 80W, 110W, 135W, 160W



INSTALLATION HOLES



PRODUCT SPECIFICATIONS

CONSTRUCION & MATERIALS

- Housing is all aluminum construction
- Terminal block for power input suitable for #2 - #10 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) |
|----------------|-------------|--------------|------------------|----------------------|
| 55W | 20 | >0.99 | 90% | 175W |
| 80W | 20 | >0.99 | 90% | 250W |
| 110W | 20 | >0.99 | 90% | 320W |
| 135W | 20 | >0.99 | 90% | 400W |
| 160W | 20 | >0.99 | 90% | 600W |

ELECTRICAL SYSTEM

- Input Voltage: 120-277V / 120V
- 50/60Hz
- Class I driver for 55W,80W, Class II driver for 110W,135W,160W
- Minimum Ambient -40°C, Maximum Ambient is 40°C
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load
- Integral 10KV surge suppression protection standard

CERTIFICATIONS AND QUALIFICATIONS

- cETLus Listed
- Suitable for wet location
- IP65 rated
- DLC qualified. Please refer to <http://www.designlights.org/QPL> for most current information
- RoHS compliant

Effective Project Area

12' SQUARE ARM 110W, 135W, 160W EPA= 1.6 max (depending on mounting type)

6' SQUARE ARM 55W, 80W EPA=0.76 max (depending on mounting type)

6' SQUARE ARM 110W, 135W, 160W EPA=1.27 max (depending on mounting type)

Warranty

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

Note: Specifications subject to change without notice.