

# LED AREA LUMINAIRE



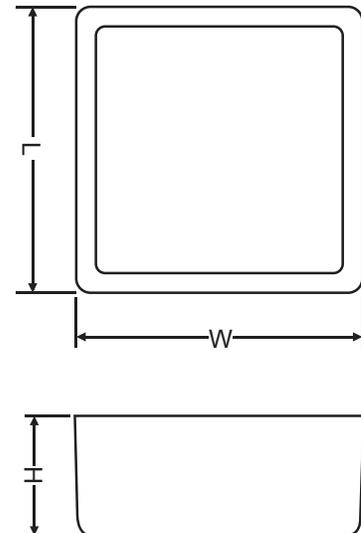
IMAGE MAY VARY FROM ACTUAL PRODUCT

## 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	<b>055</b> - 55 Watts	LED	<b>30</b> - 3000K	VW - type V wide III - type III
		<b>080</b> - 80 Watts		<b>40</b> - 4000K	
		<b>110</b> - 110 Watts		<b>50</b> - 5000K	
		<b>135</b> - 135 Watts			
		<b>160</b> - 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.

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

### 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).

### Lumen Ambient Temperature (LAT) Multipliers

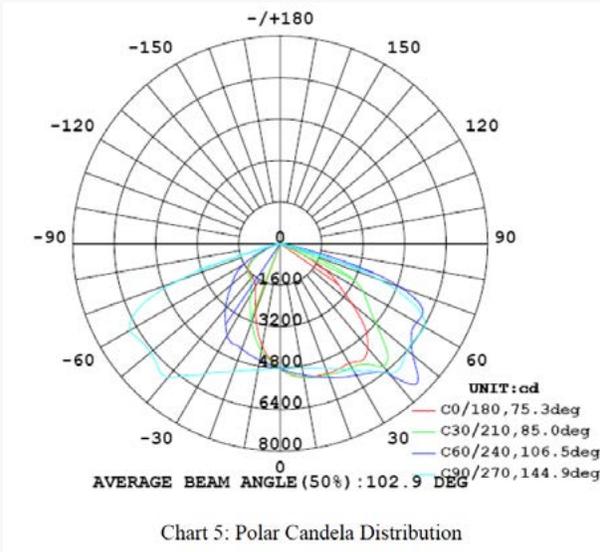
Use these factors to determine relative lumen output for average ambient temperature from -40-104°F (-40-40°C)

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

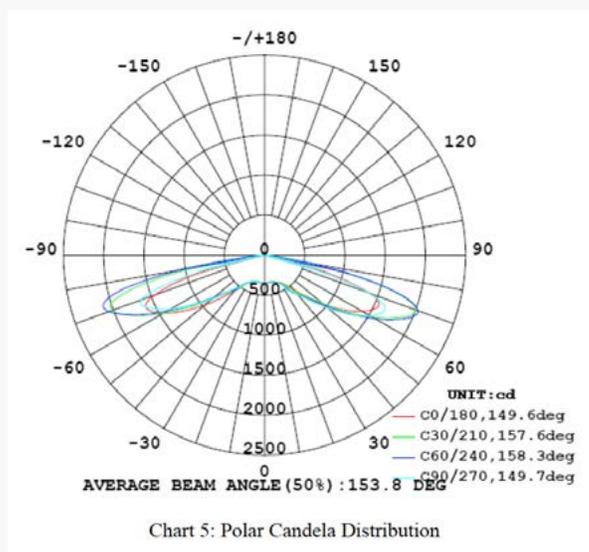
Operating Hours	0	39,000	65,000	120,000	468,000
	Lumen Maintenance Factor	1.0	0.98(L98)	0.96(L96)	0.92(L92)

### Photometry

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



**Type III**

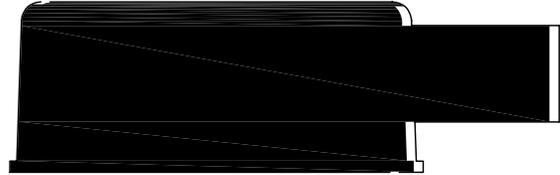
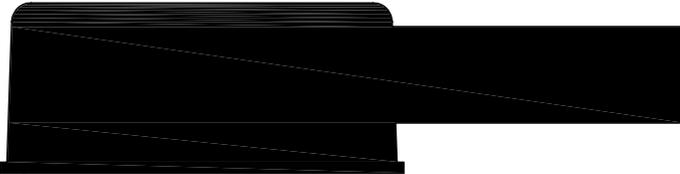


**Type VW**

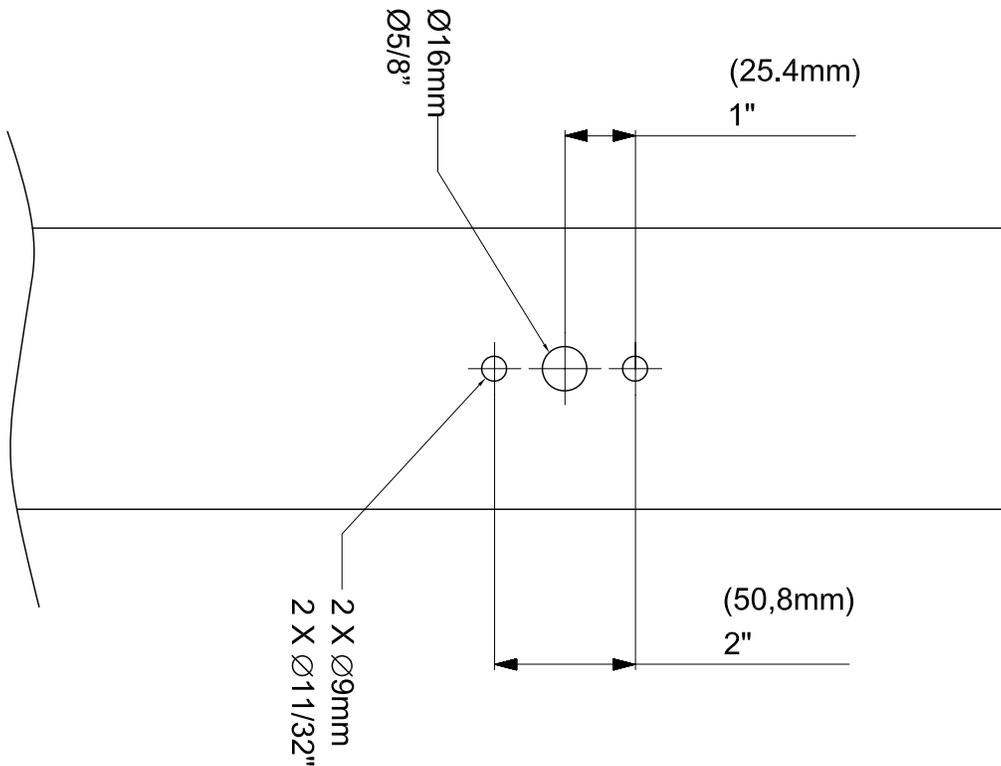
## INSTALLATION

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

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



### INSTALLATION HOLES



## PRODUCT SPECIFICATIONS

### CONSTRUCCION & 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.aboveallighting.com/warrantystatements/](http://www.aboveallighting.com/warrantystatements/)

**Note:** Specifications subject to change without notice.