

LED AREA LUMINARIE



IMAGE MAY VARY FROM ACTUAL PRODUCT

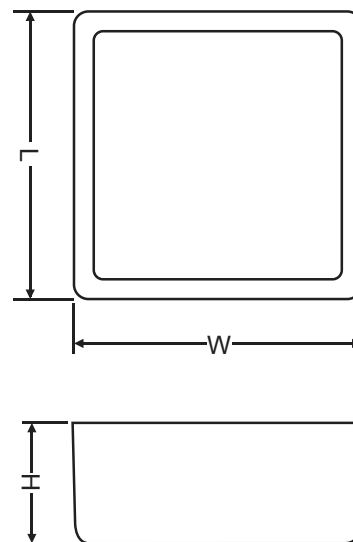


PRODUCT DESCRIPTION

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 an 5-year limited warranty.

SPECIFICATION

Length: 12.2"	Length: 16.6"
Width: 12.2"	Width: 16.6"
Height: 5.1"	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-MSO

Brand	Figure	Watts	Source type	CCT	Distribution	Controls
ABBlighting	AR Area Light	055	LED	40-4000K	VW - type V wide	MS - Motion Sensor
		080		50-5000K	III - type III	MSO - ON/OFF Motion Sensor
		85 Watts				
		110				
		105 Watts				
		135				
		135 Watts				
		160				
		160 Watts				

* Special Order- 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 32-104°F (0-40°C)

Input power	Lumen Output	Drive Current	System Watts	Dist. Type	LPW
55W	5700	1.45A	55W	Type III	104
85W	8450	2.3A	85W	Type VW	105
105W	11550	2.3A	105W		105
135W	14120	2.3A	135W		105
160W	17200	2.3A	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 ABB's Areas Light Fixture in a 104°F ambient, (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

Operating Hours	0	25,000	50,000	100,000	250,000
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. Download the IES files at <http://www.abblighting.com/IESfiles>

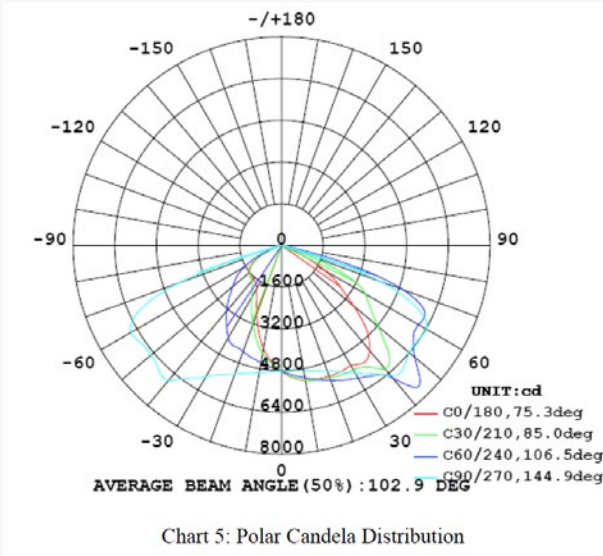


Chart 5: Polar Candela Distribution
Type III

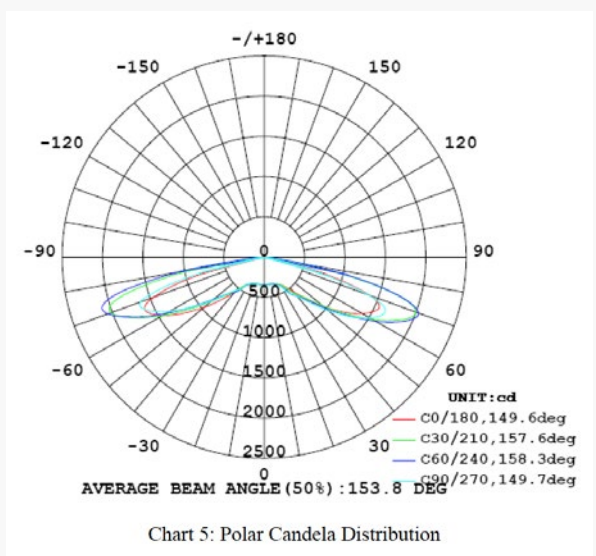


Chart 5: Polar Candela Distribution
Type VW

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
- Surface-mount directly to a vertical or horizontal surface with included mount bracket

System Wattage	Max THD (%)	Power Factor	Power Efficiency
55W	7.65%	>0.99	90%
85W	16.93%	>0.99	90%
105W	16.93%	>0.99	90%
135W	16.93%	>0.99	90%
160W	16.93%	>0.99	90%

Ref#: AB10065-11209

ELECTRICAL SYSTEM

- Input Voltage: 120-277V
- 50/60Hz
- Class 1 drivers
- Minimum Ambient -40
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load
- Integral 10KV surge suppression protection standard
- To address inrush current, slow blow fuse or type C/D breaker should be used

CERTIFICATIONS AND QUALIFICATIONS

- CETLus Listed
- Suitable for wet location
- IP67 rated
- Comes standard with 6kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2
- DLC qualified. Please refer to <http://www.designlights.org/QPL> for most current information
- RoHS compliant
- Complies with 2013 California Title 24 building and electrical codes as a residential outdoor lighting fixture and as a commercial outdoor non-pole-mounted fixture ≤ 30 Watts

Warranty

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

Note: Specifications subject to change without notice.