

Small Area Light

LED



Features

Amerlux's Area Lights provide uniform lighting to a large space, such as parking lots, downtown areas, neighborhoods, walkways and building grounds. These area lights help to provide safety by illuminating walking paths and potential obstacles to traffic. LED area lights allow for more control and energy savings.

Product Overview

Type:	Exterior Area Lighting
Wattage:	81W, 112W
Lumen Output :	8,984-10,583 (81W); 12,588-15,331 (121W)
Color Temp:	4000K, 5000K
CRI:	80
Dimming:	0-10V dimming

PROJECT:

TYPE:

Construction:

Die cast aluminum housing and front frame, integral heat sink and driver compartment. Powdercoat finish over a chromate conversion coating. Photocell adaptable.

Lens:

Clear flat glass lens

Light Distribution:

- T1 - Type I
- T2 - Type II
- T3 - Type III
- T4 - Type IV
- T5 - Type V

Driver:

- Electronic driver, 120-277V, 50/60Hz, 0-10V dimmable.
- Built-in surge protector

Mounting:

Mounts standard to square poles or flat surfaces.
An optional 4" round adapter is available

Options:

- R7 - 7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle with shorting cap included
- RA4 - 4" Round Pole Adapter
- EH - Easy Hang Wall Bracket.

Listing & Ratings:

OSHA listed for wet location



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PROJECT:

TYPE:

Ordering Information

AXK25

1

2

3

4

5

1

Model
AXK25

2

Light Distribution

T1 - Type I

T2 - Type II

T3 - Type III

T4 - Type IV

T5 - Type V

3

Code

4L - 81W, 4000K, 80CRI

5L - 81W, 5000K, 80CRI

4H - 112W, 4000K, 80CRI

5H - 112W, 5000K, 80CRI

4

Finish

Z - Bronze

C - Custom

5

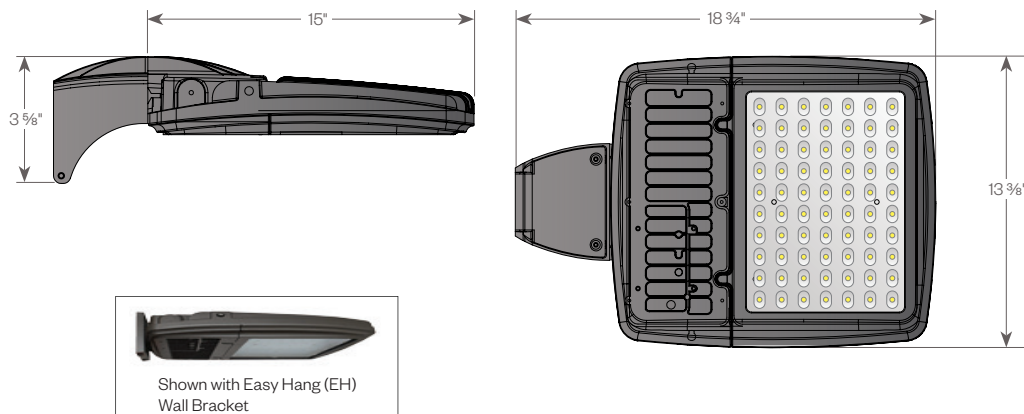
Options

R7 - 7-Pin ANSI C136.41—2013 Twist Lock Photocell
Receptacle with shorting cap included

RA4 - 4" Round Pole Adapter

WM - Wall Mount bracket

EH - Easy Hang Wall Bracket.



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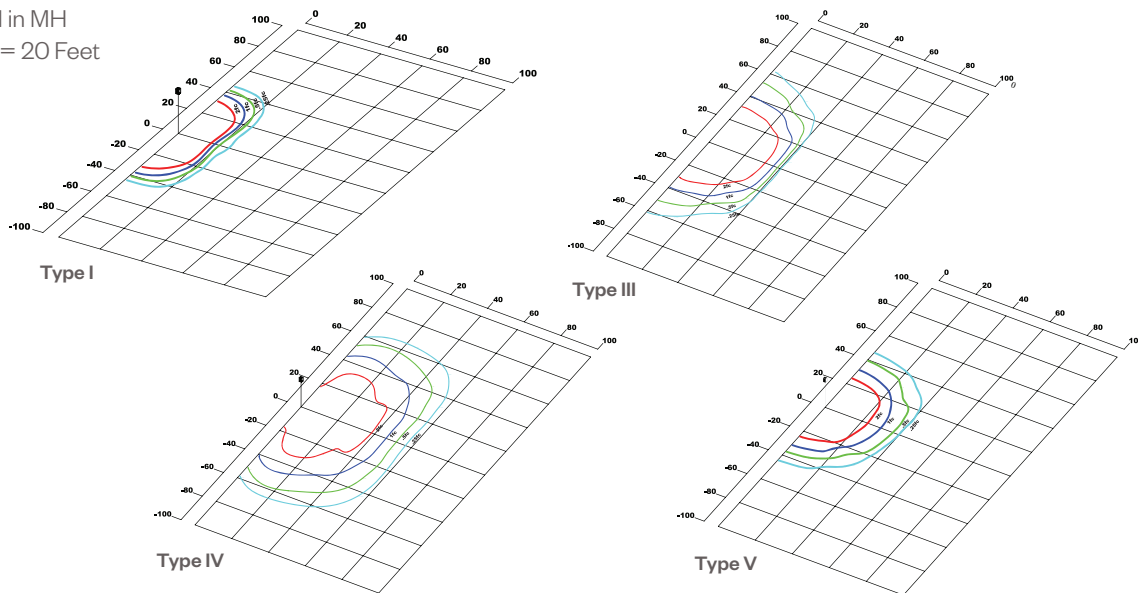
PROJECT:

TYPE:

Photometric Data:

Grid in MH

MH = 20 Feet



Projected Lumen Maintenance:

Data shown for 5000 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 hrs	50,000 hrs	100,000 hrs	Calculated L70@25°C
L70 Lumen Maintenance @ 25°C/77°F	87	1.00	0.98	0.97	0.93	429,000
L70 Lumen Maintenance @ 25°C/77°F	120	1.00	0.98	0.95	0.91	320,000
TM-21-11	Input Watts	Initial	25,000 hrs	50,000 hrs	100,000 hrs	Calculated L70@50°C
L70 Lumen Maintenance @ 50°C/122°F	87	1.00	0.97	0.94	0.88	259,000
L70 Lumen Maintenance @ 50°C/122°F	120	1.00	0.95	0.89	0.79	141,000
TM-21-11	Input Watts	Initial	25,000 hrs	50,000 hrs	100,000 hrs	Calculated L70@40°C
L70 Lumen Maintenance @ 40°C/104°F	87	1.00	0.97	0.95	0.90	195,000
L70 Lumen Maintenance @ 40°C/104°F	120	1.00	0.96	0.93	0.85	134,000

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA base model in a 25°C ambient, base on 10,000 hours of LED testing per IESNA LM-80-08.

2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

Lumen Performance:

Light Distribution	81W				112W			
	Code	Lumens	LPW	B-U-G Rating	Code	Lumens	LPW	B-U-G Rating
T1	4H	9,417	112	3-0-1	4L	13,641	113	3-0-2
	5H	10,099	120	3-0-1	5L	14,629	121	3-0-2
T2	4H	8,984	107	2-0-1	4L	13,013	108	2-0-2
	5H	9,634	114	2-0-2	5L	13,955	115	2-0-2
T3	4H	9,869	117	2-0-2	4L	14,296	118	3-0-3
	5H	10,583	126	2-0-2	5L	15,331	127	3-0-3
T4	4H	9,269	110	1-1-2	4L	12,588	104	2-1-2
	5H	9,940	118	1-1-2	5L	13,499	112	2-1-3
T5	4H	9,414	112	3-0-1	4L	13,637	113	3-0-1
	5H	10,095	120	3-0-1	5L	14,627	121	3-0-1

4H/4L - 4,000K, 80CRI; 5H/5L - 5,000K, 80CRI