

Large 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:	177W, 281W
Lumen Output :	18,522-22,118 (177W); 25,737-33,449 (281W)
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 5" 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:

CSA listed for wet location



LED



TYPE:

AXK45

1 2 3 4 5

Top view diagram of the 1000W LED work light. The light is rectangular with a mounting bracket on the left side. The overall width is 33 1/2" and the overall height is 15 3/4". The light face features a grid of 100 LEDs arranged in 10 rows and 10 columns. The mounting bracket has a series of slots for mounting.

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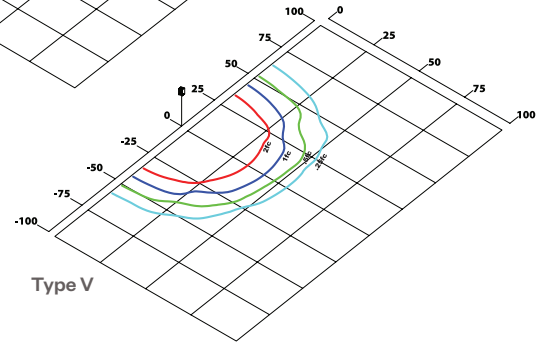
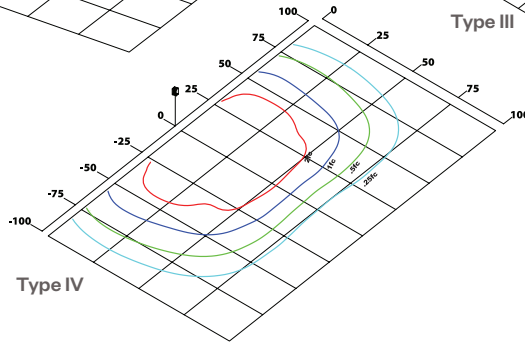
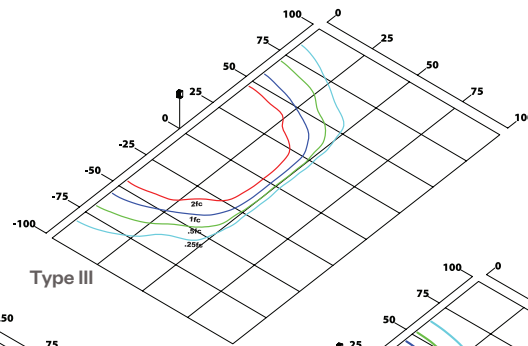
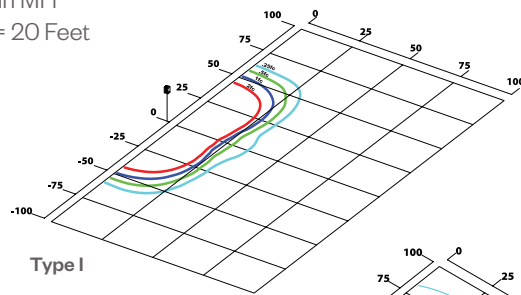
PROJECT:

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	177	1.00	0.98	0.96	0.92	393,000
L70 Lumen Maintenance @ 25°C/77°F	281	1.00	0.97	0.95	0.90	290,000
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	177	1.00	0.96	0.91	0.82	114,000
L70 Lumen Maintenance @ 50°C/122°F	281	1.00	0.94	0.88	0.76	84,000
TM-21-11	Input Watts	Initial	25,000 hrs	50,000 hrs	100,000 hrs	Calculated L80@40°C
L70 Lumen Maintenance @ 40°C/104°F	177	1.00	0.97	0.94	0.89	180,000
L70 Lumen Maintenance @ 40°C/104°F	281	1.00	0.95	0.91	0.81	108,000

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	177W				281W			
	Code	Lumens	LPW	B-U-G Rating	Code	Lumens	LPW	B-U-G Rating
T1	4H	19,416	109	4-0-3	4L	29,763	108	5-0-3
	5H	20,821	116	4-0-2	5L	31,918	116	5-0-3
T2	4H	18,522	104	3-0-3	4L	28,393	103	3-0-3
	5H	19,863	111	3-0-2	5L	30,449	111	3-0-3
T3	4H	20,347	114	3-0-3	4L	31,191	114	4-0-4
	5H	21,820	122	3-0-3	5L	33,449	122	4-0-4
T4	4H	20,625	115	3-1-4	4L	25,737	94	3-0-4
	5H	22,118	124	3-1-4	5L	27,600	101	3-0-4
T5	4H	19,409	109	4-0-1	4L	29,753	108	5-0-2
	5H	20,814	116	4-0-1	5L	31,907	116	5-0-2

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