

SMALL LED AREA LIGHT

U.4.9.19

AXK25
LED

Model:
AXK25

Housing:
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

Wattage:
81W / 112W

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

Delivered Lumens:
81W: 8,984 - 10,583
112W: 12,588 - 15,331

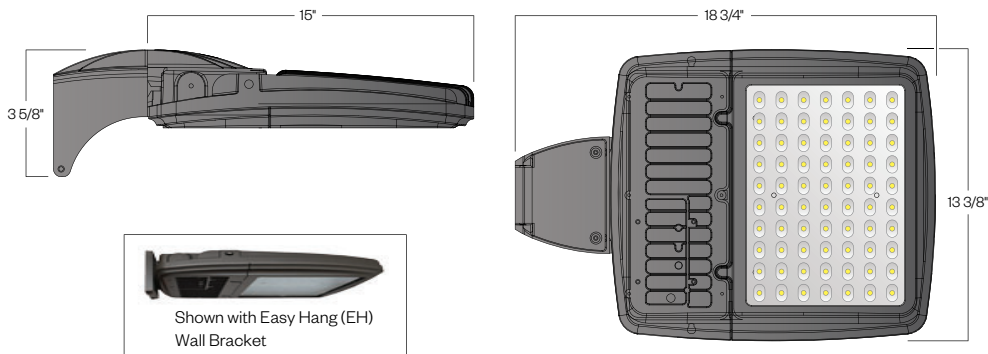
Options:
R7 7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle with shorting cap included
RA4 4" Round Pole Adapter
EH Easy Hang Wall Bracket

Driver:
Electronic Driver, 120-277V, 50/60Hz, 0-10v Dimmable
Built in surge protector

Ratings:
CSA: listed for wet locations. LM-79 report available on select models.

Light Distribution:
T1 (Type I)
T2 (Type II)
T3 (Type III)
T4 (Type IV)
T5 (Type V)

Finish:
Z (Bronze)
C (Custom)



Ordering Information

Model	Light Distribution	Code	CCT	CRI	Nominal Input Power	Finish	Options
AXK25	T1	4H	4,000K	80	112W	Z C	R7 RA4 EH
	T2	5H	5,000K				
	T3	4L	4,000K	80	81W		
	T4	5L	5,000K				
	T5						

Ordering options in **BOLD**

Amerlux reserves the right to change details that do not affect overall function and performance.

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PROJECT:

TYPE:

5 year limited warranty
AMERLUX LED



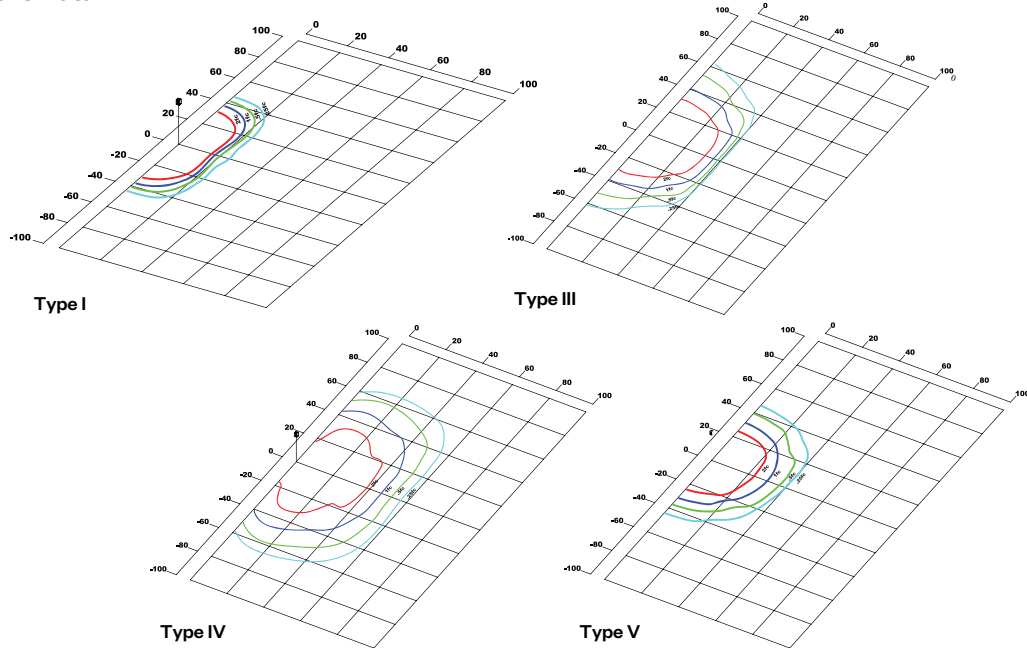
Part String

Example: AXK25/T5/5H/Z



Photometric Data

Grid in MH
MH=20 Feet



Projected Lumen Maintenance

Data shown for 5000 CCT		Input Watts	Initial	Compare to MH			Calculated L70@ 25°C
TM-21-11	25,000 Hrs			50,000 Hrs	100,000 Hrs		
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 L80@ 40°C	
L80 Lumen Maintenance @ 40°C / 104°F		87	1.00	0.97	0.95	0.90	195,000
L80 Lumen Maintenance @ 40°C / 104°F		120	1.00	0.96	0.93	0.85	134,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA base model in a 25°C ambient, based 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.

Model	Nominal Input Power	Light Distribution	Code	CCT	Lumens	LPW	B	U	G	CRI	Finish	Option
AXK25	112W	T1	4H	4,000K	13,641	113	3	0	2	80	Z C	R7 4RA
			5H	5,000K	14,629	121	3	0	2			
		T2	4H	4,000K	13,013	108	2	0	2			
			5H	5,000K	13,955	115	2	0	2			
		T3	4H	4,000K	14,296	118	3	0	3			
			5H	5,000K	15,331	127	3	0	3			
		T4	4H	4,000K	12,588	104	2	1	2			
			5H	5,000K	13,499	112	2	1	3			
		T5	4H	4,000K	13,637	113	3	0	1			
			5H	5,000K	14,624	121	3	0	1			
	81W	T1	4L	4,000K	9,417	112	3	0	1			
			5L	5,000K	10,099	120	3	0	1			
		T2	4L	4,000K	8,984	107	2	0	1			
			5L	5,000K	9,634	114	2	0	2			
		T3	4L	4,000K	9,869	117	2	0	2			
			5L	5,000K	10,583	126	2	0	2			
		T4	4L	4,000K	9,269	110	1	1	2			
			5L	5,000K	9,940	118	1	1	2			
		T5	4L	4,000K	9,414	112	3	0	1			
			5L	5,000K	10,095	120	3	0	1			

Ordering options in **BOLD**