

ALK-L GEN 1

AREA LIGHT

The ALK-L series delivers exceptional performance in a slim modern design. With an assortment of mounting options available, it can be used in multiple applications. A simple rotation of the lens allow to direct your light in three different directions. The ALK-L includes an easy-to-access driver compartment door. This high-end area light is a great addition to any commercial or industrial area lighting application.

FEATURES AND SPECIFICATIONS

• Construction

Housing

Die cast aluminum housing comes standard in a black or bronze coat anti-corrosive finish. All configurations come standard with a 3 pin receptacle and shorting cap.

Mounting options

Different types of mounting brackets are available as options such as a pole arm (square or round), slipfitter, adjustable arm for a square pole and trunnion.

Optics

This luminaire is outfitted with a polycarbonate lens for even light distribution, and is offered in type III, IV and V distribution patterns. The lens is rotatable to allow for light distribution in various directions.

• Electrical

Driver allows input voltage from 120-277 V 50/60 Hz, or 347 V 50/60 Hz. All drivers are dimmable 0-10 V. Available in six lumens packages in either 37 to 230 W.

- 120-277 V: 10 kV surge protection.
- 347 V: 4 kV surge protection.
- Ambient operating temperature range of -40 °C to 40 °C

• Compliances

- Meets requirements of ICES-005 for class B products
- Wet location
- IP66
- IK08
- cULus



OVERVIEW

Light source	LED
Watts (W)	37 - 230
Lumen output (lm)	6 083 - 37 720
Efficacy (lm/W)	161 - 182
Color temperature (K)	3 000, 4 000, 5 000
CRI	70+
Weight (lbs)	11 - 12



ICES
005



ALK — L

EPA

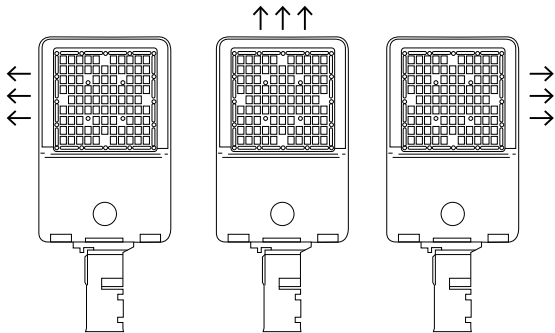
					
Configuration	Single	2 @ 90°	2 @ 180°	3 @ 90°	4 @ 90°
S1 & S2	0.18	0.37	0.38	0.55	0.73
S3 & S4	0.23	0.49	0.59	1.54	1.87

DIMENSIONS

Lumen package	Dimensions
S1A, S1B, S1, S2	24x11x3" (60x27x7.8 cm)
S3, S4	27x14x3" (69.4x35x7.8 cm)

EASY LIGHT DISTRIBUTION

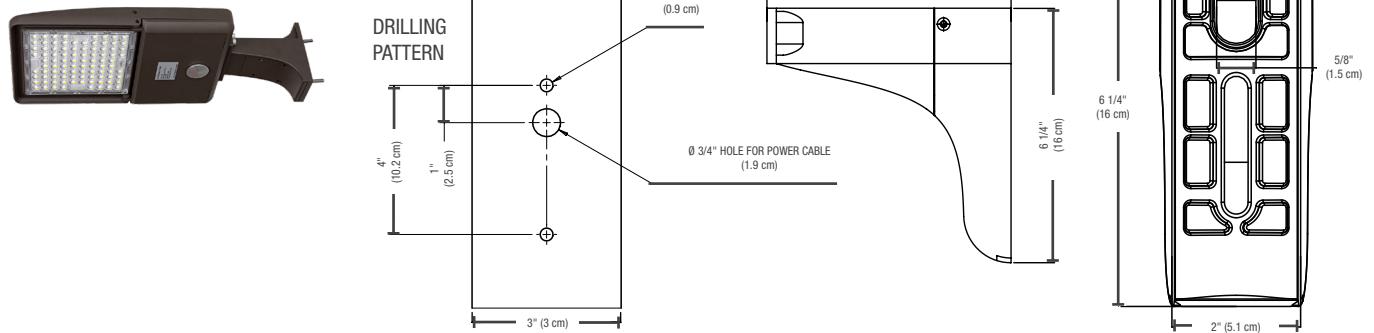
Simply rotate the lens and get different light distribution in different directions.



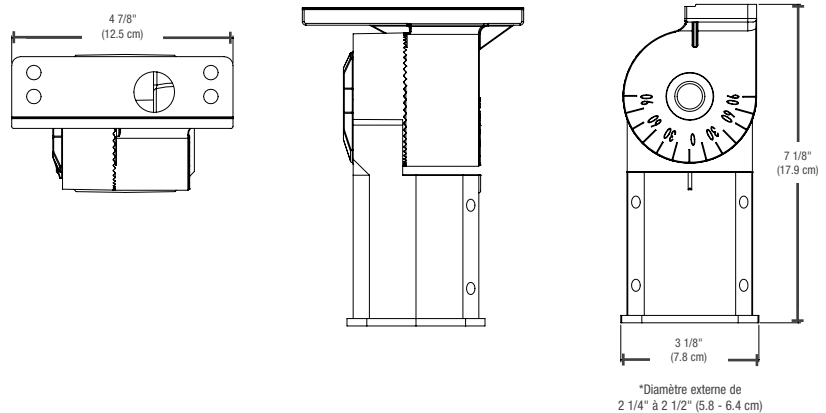
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.
All products are subject to change or may be discontinued any time without notice.

MOUNTING

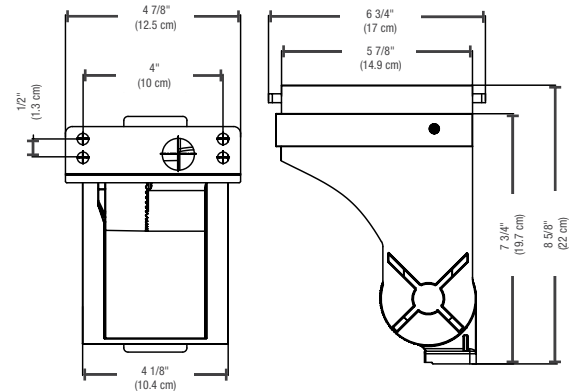
PA6 - SQUARE OR ROUND POLE ARM



A - SPLIFITTER



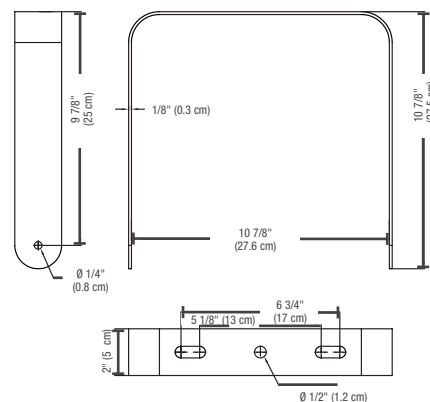
AR - ADJUSTABLE ARM FOR SQUARE POLE AND WALL MOUNT



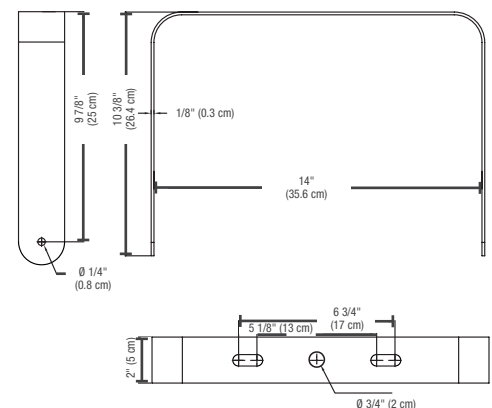
TR - YOKE



Small U shape bracket



Large U shape bracket

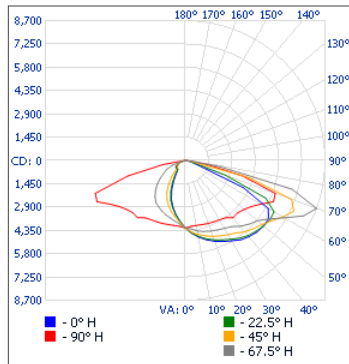


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PHOTOMETRIC DATA¹

ALK-LS23-W-40K-XX • 18 275.8 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	3 377.5	18.5%
0-40	5 771.1	31.6%
0-60	12 170.5	66.6%
60-90	6 105.3	33.4%
70-100	2 340.7	12.8%
90-120	0	0%
0-90	18 275.8	100%
90-180	0	0%
0-180	18 275.8	100%

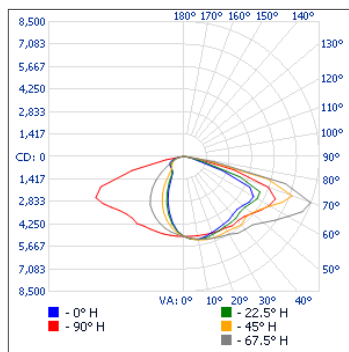
Illuminance at a distance

Center beam fc	Beam width
8.3'	60.9 fc
16.7'	15.0 fc
25.0'	6.71 fc
33.3'	3.78 fc
41.7'	2.41 fc
50.0'	1.68 fc

Vert. spread: 75.7°
Horiz. spread: 142.3°

ALK-LS24-W-40K-XX • 19 198.4 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	3 832.2	20%
0-40	6 333.7	33%
0-60	12 627.0	65.8%
60-90	6 571.4	34.2%
70-100	2 734.0	14.2%
90-120	0	0%
0-90	19 198.4	100%
90-180	0	0%
0-180	19 198.4	100%

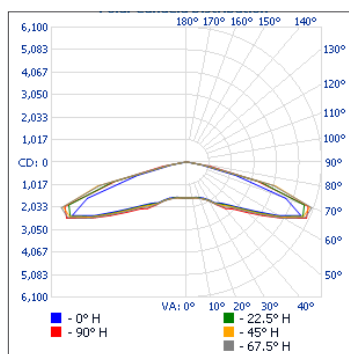
Illuminance at a distance

Center beam fc	Beam width
8.3'	73.1 fc
16.7'	18.1 fc
25.0'	8.06 fc
33.3'	4.54 fc
41.7'	2.90 fc
50.0'	2.01 fc

Vert. spread: 80.5°
Horiz. spread: 141.7°

ALK-LS25-W-40K-XX • 18 407.5 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 488.6	8.1%
0-40	2 932.8	15.9%
0-60	8 898.6	48.3%
60-90	9 508.9	51.7%
70-100	3 946.2	21.4%
90-120	0	0%
0-90	18 407.5	100%
90-180	0	0%
0-180	18 407.5	100%

Illuminance at a distance

Center beam fc	Beam width
8.3'	23.5 fc
16.7'	5.81 fc
25.0'	2.59 fc
33.3'	1.46 fc
41.7'	0.93 fc
50.0'	0.65 fc

Vert. spread: 125.2°
Horiz. spread: 54.8°

¹ Complete IES files available on our website.

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