

ATHENA

Modular sports lighting for stadiums, fields and courts, ATHENA has a compact design for quick, flexible assembly. 200W to 1200W at 125-140lm/W, beam angles from 10° to 60° and IP66 protection for harsh and wet environments.

Stadium

Football Field

Tennis Court

Baseball Field

Outdoor Theater



Project Information

Type: Date:
 Project:
 Catalog #:
 Notes:



Key Specifications

Electrical

Input voltage	120-277V 277-480V
Power factor	>0.92
THD	<20%
Dimming	0-10V dimming
Power	200 400 600 800 1200W

Optical

CRI	70 CRI
CCT	40K · 50K
Efficacy	125-140lm/W
Beam angle	10° 15° 30° 45° 60°

Physical

Mounting	Bracket mount · Pole mount
Brackets	Slip fitter · U bracket
Finish	Silver
Ambient	-30°C to 40°C
Protection	IP66 · IK08 · 10KV surge

Certifications

Listings	ETL · DLC Premium · RoHS
----------	--------------------------

System Warranty

5 years

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

Lumen Maintenance

L90 at 53000h

Rated for 90% initial lumen output at 53000h of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

Ordering Guide - Fixture

Assembled Catalog Number

[RESET](#)

AE-SP-AH

Catalog #:

01 **FIXTURE FAMILY**



AE-SP-AH
ERALUX ATHENA outdoor stadium light

02 **POWER**

-200 200W 25000lm 28000lm	-400 400W 50000lm 56000lm	-600 600W 75000lm 84000lm	-800 800W 100000lm 112000lm	-1200 1200W 150000lm 168000lm
---	---	---	---	---

03 **BEAM ANGLE**

 -10 10° 125lm/W	 -15 15° 125lm/W	 -30 30° 140lm/W	 -45 45° 140lm/W	 -60 60° 140lm/W
---------------------------------	---------------------------------	---------------------------------	---------------------------------	---------------------------------

04 **CCT & CRI**

 -740 70 CRI 4000K	 -750 70 CRI 5000K
---------------------------------	---------------------------------

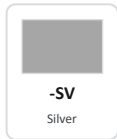
05 **INPUT VOLTAGE**

Blank 100-277V	-HV 277-480V
--------------------------	------------------------

06 **CONTROL**

-010 0-10V dimming

07 **FINISH**



-SV
Silver

The beam angle affects the lumen output at a specific power. The U bracket is supplied with the fixture by default; if a slip fitter is required, it is ordered separately.

Lumen Estimate Adjustment Factors

4000K × 0.97 5000K × 1.00

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table above.

Accessory Ordering Guide

Assembled Catalog Number

[RESET](#)

AE-SP-AH

Catalog #:

01 ACCESSORY FAMILY



AE-SP-AH

ERALUX ATHENA outdoor stadium light

02 ACCESSORY



-VS

Visor, single
LED module



-SF-SV

Slip fitter
200/400/600W



-SF-SV-B

Slip fitter
800W, 1200W

-LASER

Laser pointer

Ordered separately if needed.

Accessories

CODE	DESCRIPTION
AE-OD-SP-AH-VS	Visor designed to reduce glare and light spill; blocking the light from going too much on the sides or above.
AE-OD-SP-AH-SF-SV	Slip fitter (200W, 400W, 600W) Available for easy installation on top of a pole.
AE-OD-SP-AH-SF-SV-B	Slip fitter (800W, 1200W) Available for easy installation on top of a pole.

Overview

Innovative design: Aluminum die cast housing and fins for better heat dissipation · Highly robust polycarbonate and high transmittance lens, with tempered glass

Mountings available: Round pole mount · Wall mount

Brackets: Slip fitter · U-bracket; adjustable tilt

Multiple options: Six different powers from 200 to 1200W · Visor · Variety of beam angles · 2 CCT options are available 4000K & 5000K

Distribution: 10° | 15° | 30° | 45° | 60°

Protection: Protected against dust ingress · Protected against water jets · Impact resistant · 10KV surge protector



Visor



U-bracket; adjustable tilt

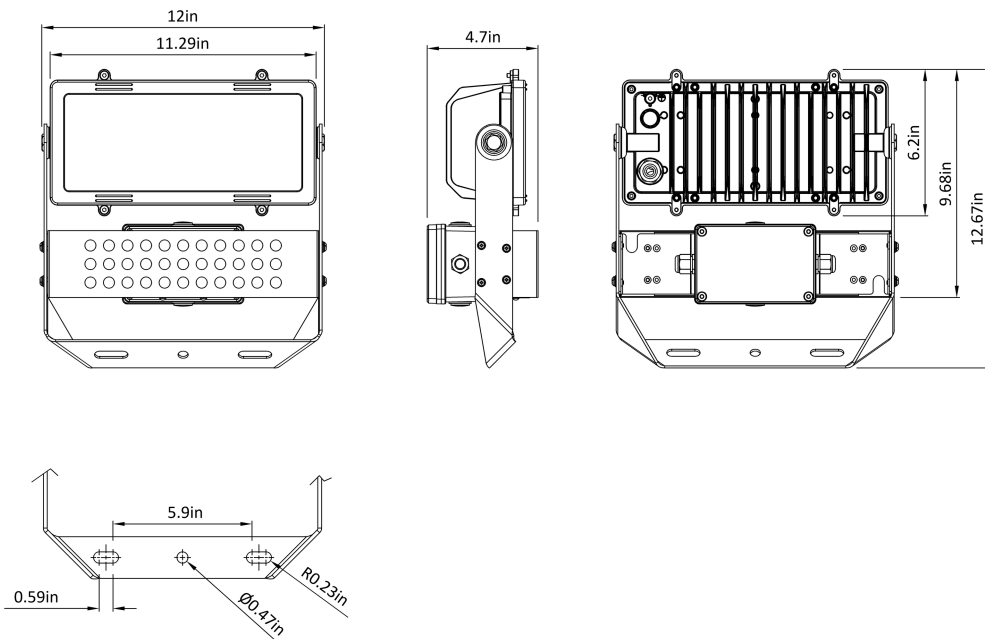


Round pole mount

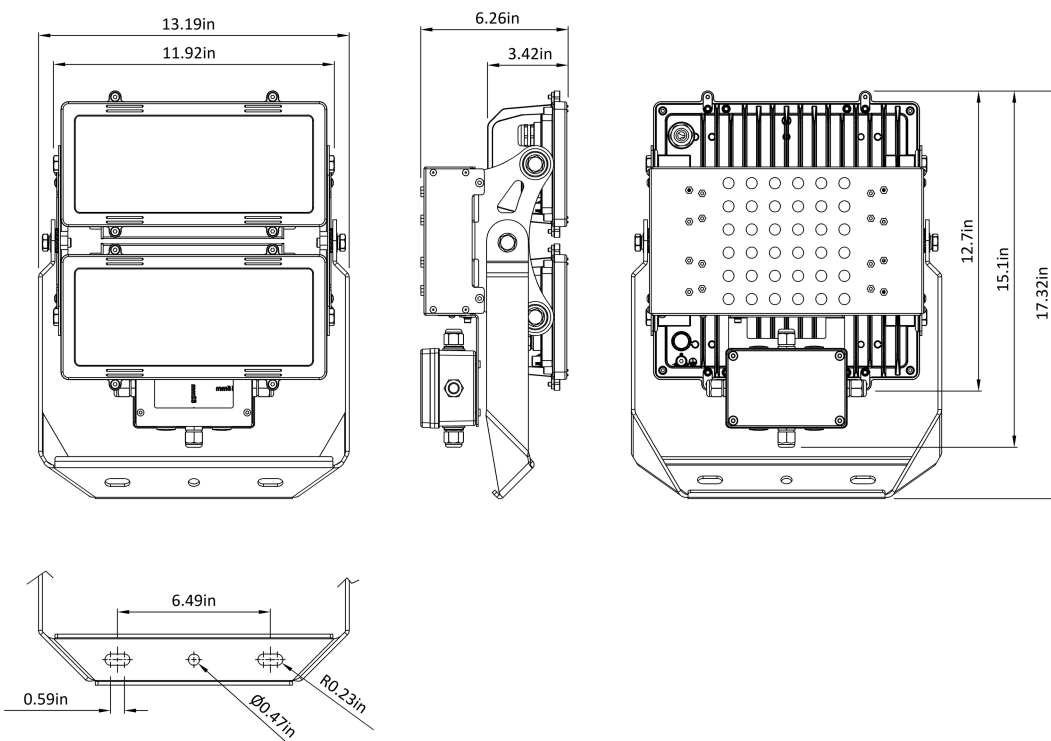


Dimensions

200W



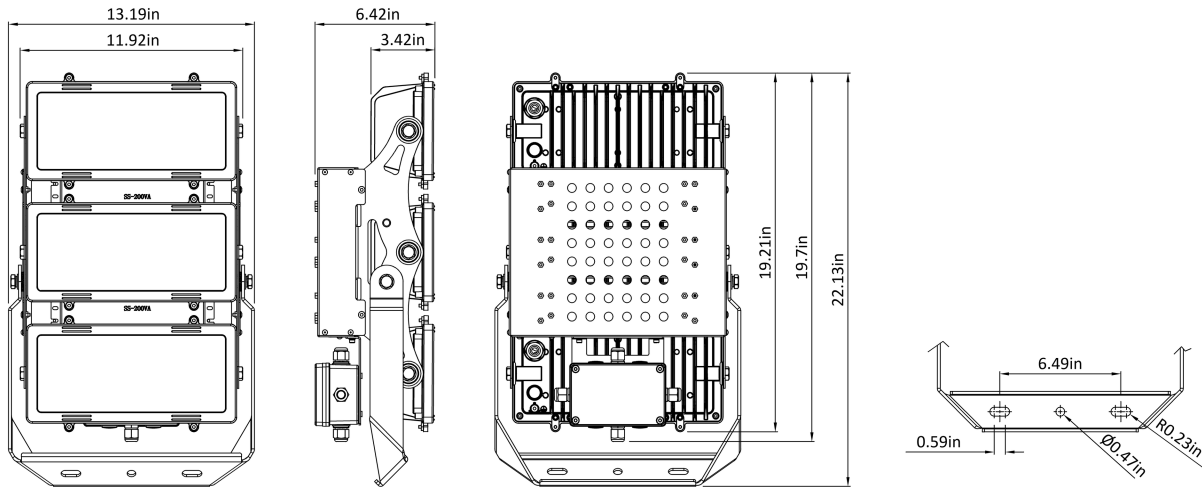
400W



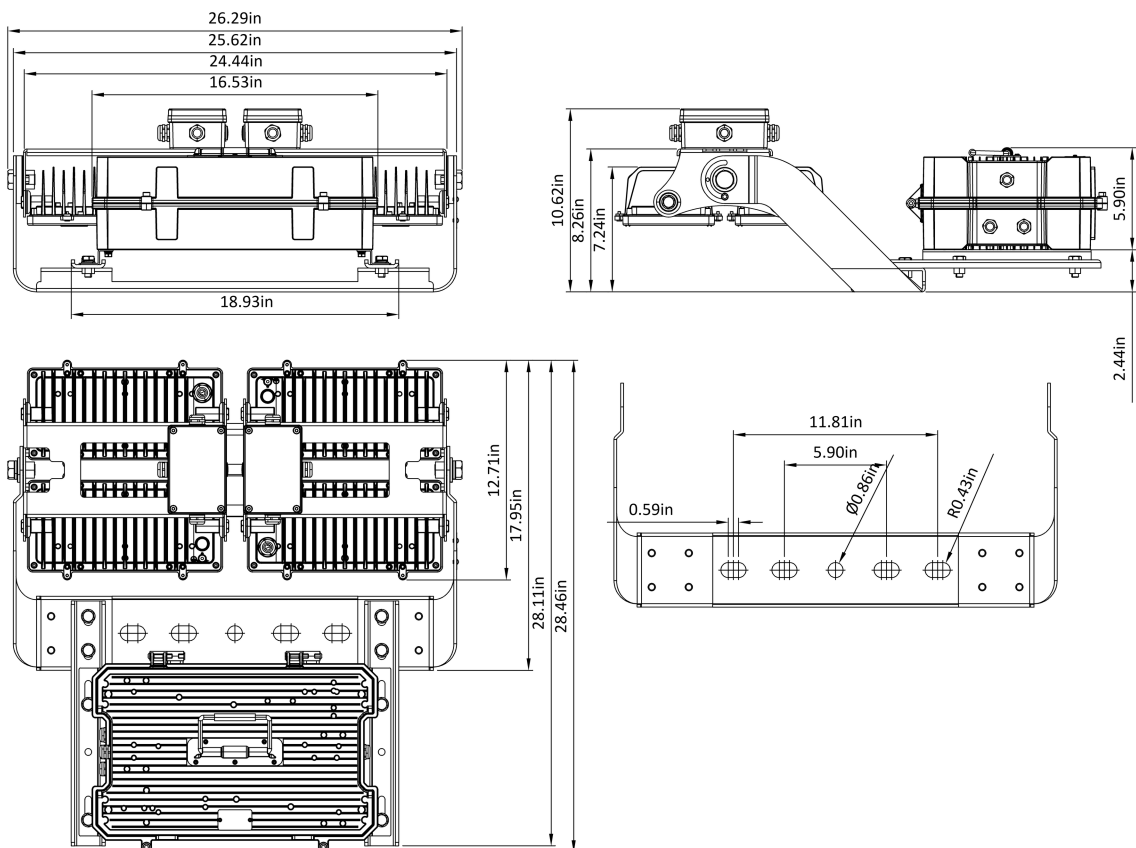
Fixture and drilling pattern. All dimensions in inches. Installation instructions: [Install Instruction link](#)

Dimensions

600W



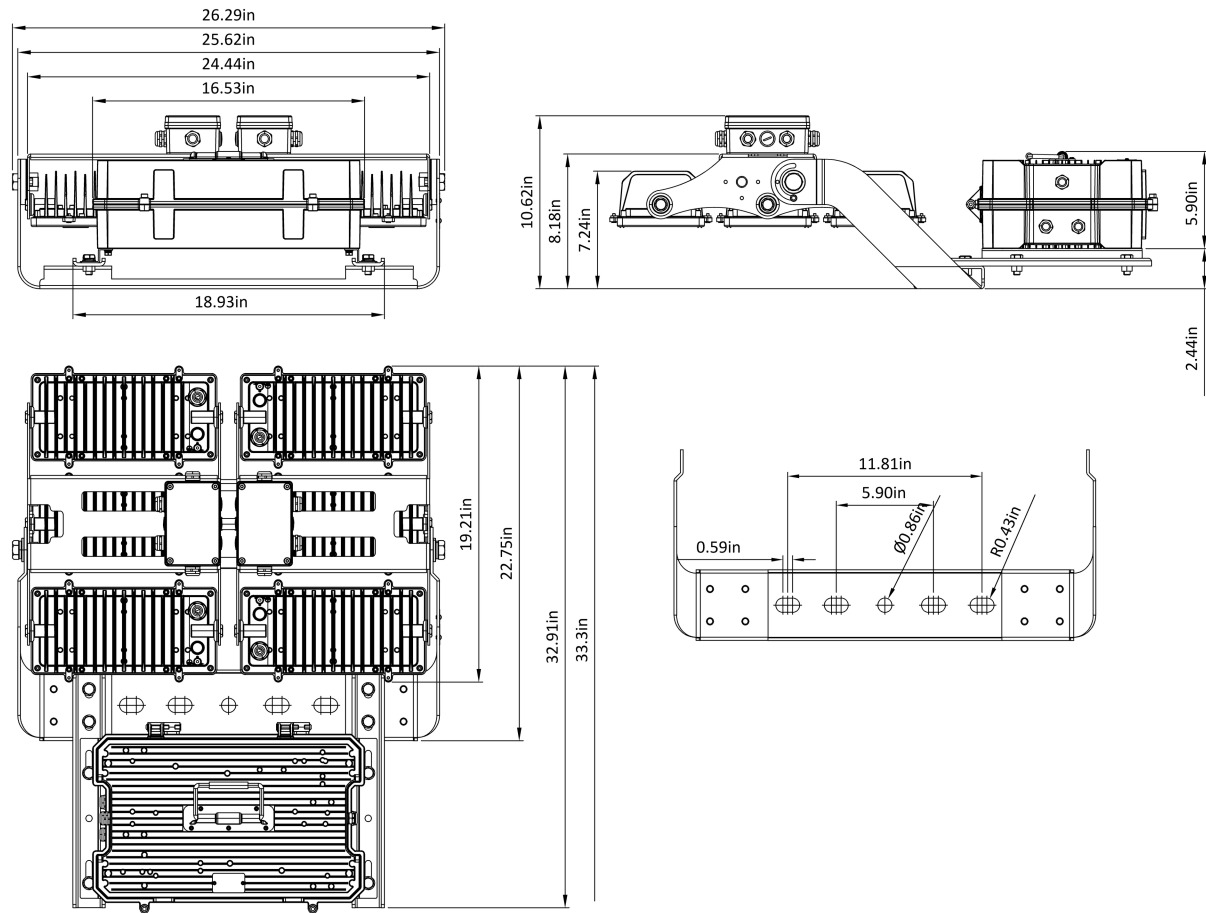
800W



Fixture and drilling pattern. All dimensions in inches.

Dimensions

1200W



Fixture and drilling pattern. All dimensions in inches.

Ratings

EPA (Effective Projected Area) and Weight

POWER	FIXTURE EPA (FT ²)	FIXTURE WEIGHT	DRIVER BOX EPA (FT ²)	DRIVER WEIGHT
200W	0.60	9.02±0.66lbs	N/A	N/A
400W	1.34	20.68±0.66lbs	N/A	N/A
600W	1.96	33.66±0.66lbs	N/A	N/A
800W	2.74	47.74±0.66lbs	2.09	27.94±0.66lb
1200W	3.87	58.52±0.66lbs	2.09	27.94±0.66lb

DLC Qualified Models

Design Lights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. Primary use: Architectural Flood and Spot Luminaires; all Premium.

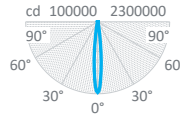
DLC	PRODUCT ID	MODEL NUMBER	CATEGORY	CLASS	DLC	PRODUCT ID	MODEL NUMBER	CATEGORY	CLASS
5.1	S-03WLXQ	AE-SP-AH-200-30-740	Outdoor	Premium	5.1	S-LFJQH9	AE-SP-AH-600-45-750	Outdoor	Premium
5.1	S-X0Y85Y	AE-SP-AH-200-30-740-HV	Outdoor	Premium	5.1	S-Z87TB5	AE-SP-AH-600-45-750-HV	Outdoor	Premium
5.1	S-4TZ2B8	AE-SP-AH-200-30-750	Outdoor	Premium	5.1	S-ZGNSZH	AE-SP-AH-600-60-740	Outdoor	Premium
5.1	S-2NHYZF	AE-SP-AH-200-30-750-HV	Outdoor	Premium	5.1	S-SWYSWK	AE-SP-AH-600-60-740-HV	Outdoor	Premium
5.1	S-14TNHS	AE-SP-AH-200-45-740	Outdoor	Premium	5.1	S-4F8F2F	AE-SP-AH-600-60-750	Outdoor	Premium
5.1	S-FBV8Z5	AE-SP-AH-200-45-740-HV	Outdoor	Premium	5.1	S-4GPNCZ	AE-SP-AH-600-60-750-HV	Outdoor	Premium
5.1	S-3NM7MK	AE-SP-AH-200-45-750	Outdoor	Premium	5.1	S-16V0R5	AE-SP-AH-800-30-740	Outdoor	Premium
5.1	S-NRFYFB	AE-SP-AH-200-45-750-HV	Outdoor	Premium	5.1	S-YV0JT3	AE-SP-AH-800-30-740-HV	Outdoor	Premium
5.1	S-FZZP5H	AE-SP-AH-200-60-740	Outdoor	Premium	5.1	S-NPCRZZ	AE-SP-AH-800-30-750	Outdoor	Premium
5.1	S-BF6H3C	AE-SP-AH-200-60-740-HV	Outdoor	Premium	5.1	S-KSVXBS	AE-SP-AH-800-30-750-HV	Outdoor	Premium
5.1	S-VC61Q0	AE-SP-AH-200-60-750	Outdoor	Premium	5.1	S-8MDJX1	AE-SP-AH-800-45-740	Outdoor	Premium
5.1	S-R27FCD	AE-SP-AH-200-60-750-HV	Outdoor	Premium	5.1	S-NX3Z42	AE-SP-AH-800-45-740-HV	Outdoor	Premium
5.1	S-CBQ8HH	AE-SP-AH-400-30-740	Outdoor	Premium	5.1	S-QH9PGN	AE-SP-AH-800-45-750	Outdoor	Premium
5.1	S-SHQYRW	AE-SP-AH-400-30-740-HV	Outdoor	Premium	5.1	S-WBG8MB	AE-SP-AH-800-45-750-HV	Outdoor	Premium
5.1	S-7R3Z0L	AE-SP-AH-400-30-750	Outdoor	Premium	5.1	S-CZ7QJS	AE-SP-AH-800-60-740	Outdoor	Premium
5.1	S-B2W99J	AE-SP-AH-400-30-750-HV	Outdoor	Premium	5.1	S-1XLH3P	AE-SP-AH-800-60-740-HV	Outdoor	Premium
5.1	S-B9D8GV	AE-SP-AH-400-45-740	Outdoor	Premium	5.1	S-MD3SDK	AE-SP-AH-800-60-750	Outdoor	Premium
5.1	S-D7MX08	AE-SP-AH-400-45-740-HV	Outdoor	Premium	5.1	S-XP13D4	AE-SP-AH-800-60-750-HV	Outdoor	Premium
5.1	S-ZJ2XLN	AE-SP-AH-400-45-750	Outdoor	Premium	5.1	S-L7RF57	AE-SP-AH-1200-30-740	Outdoor	Premium
5.1	S-1JN48C	AE-SP-AH-400-45-750-HV	Outdoor	Premium	5.1	S-4V95NP	AE-SP-AH-1200-30-740-HV	Outdoor	Premium
5.1	S-3FJ6QR	AE-SP-AH-400-60-740	Outdoor	Premium	5.1	S-3L2HVL	AE-SP-AH-1200-30-750	Outdoor	Premium
5.1	S-0K03TP	AE-SP-AH-400-60-740-HV	Outdoor	Premium	5.1	S-RJD45S	AE-SP-AH-1200-30-750-HV	Outdoor	Premium
5.1	S-LPW3SM	AE-SP-AH-400-60-750	Outdoor	Premium	5.1	S-32BV1D	AE-SP-AH-1200-45-740	Outdoor	Premium
5.1	S-VKF85K	AE-SP-AH-400-60-750-HV	Outdoor	Premium	5.1	S-7544Z5	AE-SP-AH-1200-45-740-HV	Outdoor	Premium
5.1	S-S2W37J	AE-SP-AH-600-30-740	Outdoor	Premium	5.1	S-KXSPR6	AE-SP-AH-1200-45-750	Outdoor	Premium
5.1	S-VLRKJJ	AE-SP-AH-600-30-740-HV	Outdoor	Premium	5.1	S-TST1TR	AE-SP-AH-1200-45-750-HV	Outdoor	Premium
5.1	S-CZRNVL	AE-SP-AH-600-30-750	Outdoor	Premium	5.1	S-LRB4TH	AE-SP-AH-1200-60-740	Outdoor	Premium
5.1	S-8MSDNR	AE-SP-AH-600-30-750-HV	Outdoor	Premium	5.1	S-SDQ6L9	AE-SP-AH-1200-60-740-HV	Outdoor	Premium
5.1	S-T804ZY	AE-SP-AH-600-45-740	Outdoor	Premium	5.1	S-4CJPK0	AE-SP-AH-1200-60-750	Outdoor	Premium
5.1	S-BQ1TQG	AE-SP-AH-600-45-740-HV	Outdoor	Premium	5.1	S-XH8L8N	AE-SP-AH-1200-60-750-HV	Outdoor	Premium

Photometric Data

AE-SP-AH-1200-10-750-SV

1200W · 10°

		ZONE	LUMENS	% FIXTURE
		0-20°	114655.46	79.87
Wattage	1189W	0-30°	126154.72	87.88
CCT	5000K	0-40°	132895.98	92.57
Distribution	10°	0-60°	140453.95	97.84
		0-80°	143410.38	99.90
		0-90°	143559.56	100.00

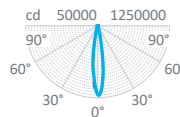


DISTANCE	CENTER Fc	BEAM WIDTH	
5.0ft	90262	1.0ft	1.0ft
10.0ft	22565	2.0ft	1.9ft
15.0ft	10029	3.0ft	2.9ft
20.0ft	5641	3.9ft	3.8ft
25.0ft	3610	4.9ft	4.8ft
30.0ft	2507	5.9ft	5.8ft
Vert. spread		11.2°	
Horiz. spread		11.0°	

AE-SP-AH-1200-15-750-SV

1200W · 15°

		ZONE	LUMENS	% FIXTURE
		0-20°	108448.53	75.94
Wattage	1179.4W	0-30°	122151.89	85.54
CCT	5000K	0-40°	130125.79	91.12
Distribution	15°	0-60°	139327.10	97.57
		0-80°	142654.80	99.90
		0-90°	142802.09	100.00

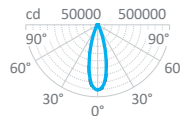


DISTANCE	CENTER Fc	BEAM WIDTH	
5.0ft	47728	1.4ft	1.4ft
10.0ft	11932	2.9ft	2.8ft
15.0ft	5303	4.3ft	4.2ft
20.0ft	2983	5.7ft	5.6ft
25.0ft	1909	7.2ft	7.0ft
30.0ft	1326	8.6ft	8.4ft
Vert. spread		16.3°	
Horiz. spread		16.0°	

AE-SP-AH-1200-30-750-SV

1200W · 30°

		ZONE	LUMENS	% FIXTURE
		0-20°	99328.53	63.24
Wattage	1186.5W	0-30°	128146.65	81.59
CCT	5000K	0-40°	139509.18	88.82
Distribution	30°	0-60°	151875.60	96.69
		0-80°	156666.10	99.74
		0-90°	157069.05	100.00

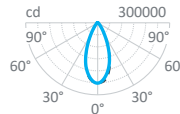


DISTANCE	CENTER Fc	BEAM WIDTH	
5.0ft	18129	2.6ft	2.7ft
10.0ft	4532	5.2ft	5.4ft
15.0ft	2014	7.7ft	8.1ft
20.0ft	1133	10.3ft	10.8ft
25.0ft	725	12.9ft	13.5ft
30.0ft	504	15.5ft	16.2ft
Vert. spread		29.0°	
Horiz. spread		30.2°	

AE-SP-AH-1200-45-750-SV

1200W · 45°

		ZONE	LUMENS	% FIXTURE
		0-20°	74480.63	46.37
Wattage	1195.4W	0-30°	118364.28	73.68
CCT	5000K	0-40°	140117.76	87.23
Distribution	45°	0-60°	155857.32	97.02
		0-80°	160410.87	99.86
		0-90°	160638.85	100.00



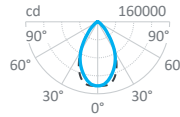
DISTANCE	CENTER Fc	BEAM WIDTH	
5.0ft	10059	4.0ft	4.0ft
10.0ft	2515	8.0ft	8.0ft
15.0ft	1118	12.0ft	12.0ft
20.0ft	629	16.0ft	16.0ft
25.0ft	402	20.0ft	20.1ft
30.0ft	279	24.0ft	24.1ft
Vert. spread		43.6°	
Horiz. spread		43.7°	

Photometric Data

AE-SP-AH-1200-60-750-SV

1200W · 60°

		ZONE	LUMENS	% FIXTURE
		0-20°	49506.89	31.00
Wattage	1187.5W	0-30°	93678.81	58.67
CCT	5000K	0-40°	128165.84	80.26
Distribution	60°	0-60°	154409.38	96.70
		0-80°	159360.85	99.80
		0-90°	159682.95	100.00

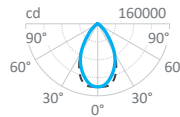


DISTANCE	CENTER Fc	BEAM WIDTH	
5.0ft	5689	6.0ft	6.0ft
10.0ft	1422	11.9ft	12.1ft
15.0ft	632	17.9ft	18.1ft
20.0ft	356	23.9ft	24.2ft
25.0ft	228	29.9ft	30.2ft
30.0ft	158	35.8ft	36.2ft
Vert. spread		61.7°	
Horiz. spread		62.3°	

AE-SP-AH-1200-60-750-SV

1200W · 60° + VISOR

		ZONE	LUMENS	% FIXTURE
		0-20°	48743.90	31.00
Wattage	1183W	0-30°	92235.05	58.67
CCT	5000K	0-40°	126190.57	80.26
Distribution	60°	0-60°	152029.66	96.70
Visor	With visor	0-80°	156904.82	99.80
		0-90°	157221.95	100.00



DISTANCE	CENTER Fc	BEAM WIDTH	
5.0ft	5601	6.0ft	6.0ft
10.0ft	1400	11.9ft	12.1ft
15.0ft	622	17.9ft	18.1ft
20.0ft	350	23.9ft	24.2ft
25.0ft	224	29.9ft	30.2ft
30.0ft	156	35.8ft	36.2ft
Vert. spread		61.7°	
Horiz. spread		62.3°	