



PROJECT NAME: _____

CAT. #: _____

NOTES: _____

Fixture Schedule: _____

AE Switch Area Light (Includes Remote Control Switching from the ground!)



Toolless housing access



150W with Flexible Arm



150W with Straight Arm & optional remote for CCT/Distribution

Switchable Wattage/
CCT/Distribution

Product Description

The AE Switch Area Light offers tremendous selectability and controls capabilities. Besides CCT and Wattage choices, it expands its versatility to include changing distributions between Types III, IV and V. Now available with the ability to change CCT and Distribution with a remote control from the ground! It covers wattages ranging from 75W-300W in either 120-277V or 277-480V using two low EPA housings. It also offers a variety of mounting options along with visor accessories. All of this is available with robust surge protection and Maxlite's proven quality bringing you great value in a competitive Value Series package.

Features

- 27 performance options just a switch away!
 - Distribution Types III, IV or V
 - CCT selectable between 3000/4000/5000K
 - Wattage selectable
- Remote Control option to change CCT and Distributions from the ground, just point and click!
- c-Max and/or twist lock receptacle control options
- Universal 120-277V standard, High Voltage 277-480V option
- Robust surge protection - 6kV + 10kA standard with 20kA option
- Toolless housing access for easier maintenance
- 6 different mounting options for wall, pole, ground or slipfitter applications
- ANSI 3G vibration rated
- TAA compliance available for select models



Model Selection

FAMILY	WATTAGE	VOLTAGE	DISTRIBUTION	-	CCT	FINISH	MOUNTING*
AE = Slim Area	85 = 85W (Dedicated)	U = 120- 277V	MC = Manual Switch between Types III, IV & V	-	CS = CCT Selectable (3/4/5K), 85W Dedicated Wattage	B = Bronze	2 = Both Flexible Arm and Slipfitter
	100 = 75/85/100W	H = 277- 480V	MI = Manual Switch or Remote control to change CCT (3/4/5K) or Distribution (III/IV/V)		WCS = CCT/Wattage Selectable (3/4/5K)	Contact MaxLite for additional finishes.	A = Straight Arm
	150 = 100/125/150W						F = Flexible Arm
	200 = 150/175/200W						K = Knuckle Slipfitter
	300 = 200/250/300W						T = Trunnion
							V = Variable (adjustable) Wall Mount
							W = Fixed Wall Mount
							X = Upper half knuckle, 4' SO cord**

*X mounting is standard, all others are factory installed. Arms fit both square and round poles.

**Order lower half mounting separately. (see Accessory Chart)

CONTROLS	SURGE	OPTIONS
CR = Controls ready for c-Max Controls	BLANK = 6kV +10kA Surge Protection (Standard)	BLANK = None
RPC = 3-pin twist lock receptacle	S = 20kA Surge Protection	TA = TAA Compliant
PR7 = 7-pin twist lock receptacle (CR is disabled)	Factory installed.	

DLC Chart

Primary Use Designation: Outdoor Pole/Arm-Mounted Area and Roadway Luminaires
Universal Models

MODEL #	DLC PRODUCT ID	MODEL #	DLC PRODUCT ID
AE100U[MC,MI]-WCS[ALL OPTIONS]	S-NIRGY3	AE100H[MC,MI]-WCS[ALL OPTIONS]	S-MVN60V
AE150U[MC,MI]-WCS[ALL OPTIONS]	S-BXDJ7Q	AE150H[MC,MI]-WCS[ALL OPTIONS]	S-6SNRKR
AE200U[MC,MI]-WCS[ALL OPTIONS]	S-QKIZGD	AE200H[MC,MI]-WCS[ALL OPTIONS]	S-JVSXLX
AE300U[MC,MI]-WCS[ALL OPTIONS]	S-9PSMDO	AE300H[MC,MI]-WCS[ALL OPTIONS]	S-2H7WRV



AE Switch Area Light (Includes Remote Control Switching from the ground!)

Accessories (Sold Separately)

ORDER CODE	MODEL NUMBER	DESCRIPTION	IMAGE
112489	AE-IRRC	AE REMOTE CONTROL FOR MI CHANGEABLE OPTICS (CCT 3/4/5K AND DISTRIBUTION III/IV/V) (REQUIRES 2 AA BATTERIES, NOT INCLUDED)	
112467	AE-SHIELD-SM	AE CHANGEABLE OPTICS FRONT/BACK SHIELD ≤150W	
112468	AE-SHIELD-LG	AE CHANGEABLE OPTICS FRONT/BACK SHIELD ≥ 200W	
112465	AE-VISOR-SM	AE CHANGEABLE OPTICS SIDE VISOR ≤150W	
112466	AE-VISOR-LG	AE CHANGEABLE OPTICS SIDE VISOR ≥ 200W	
111983	AE-FLH	LOWER KNUCKLE FLEXIBLE ARM MOUNTING, BRONZE, ATTACHES TO "X" MOUNT, FITS SQUARE & ROUND POLES	
111984	AE-KLH	LOWER KNUCKLE 2-3/8" OD SLIPFITTER MOUNTING, BRONZE, ATTACHES TO "X" MOUNT	
111217	AE-SAB	STRAIGHT ARM, BRONZE (REMOVE UPPER KNUCKLE TO INSTALL)	
112461	MAE-TSB	TRUNNION SWIVEL, BRONZE (REMOVE UPPER KNUCKLE TO INSTALL)	
112449	VW-BLH	VARIABLE WALL MOUNT LOWER HALF, BRONZE, ATTACHES TO "X" MOUNT	
112460	FW-B	FIXED WALL MOUNT, BRONZE (REMOVE UPPER KNUCKLE TO INSTALL)	
105038	PCTL-UNV	TWIST-LOCK ELECTRONIC PHOTOCODEL 120/208/240/277V (USED WITH RPC OR PR7 OPTION, NOT C-MAX)	
105866	PCTL-HV	TWIST-LOCK ELECTRONIC PHOTOCODEL 480V (USED WITH RPC OR PR7 OPTION, NOT C-MAX)	
96268	MLRTLPCRSP	SHORTING CAP FOR NEMA TWIST LOCK PHOTOCODEL RECEPTACLE (3, 5 OR 7 PIN)	
c-Max Basic			
105567	CN-REMOTE	C-MAX REMOTE CONTROL, AT LEAST 1 PER PROJECT TO PROGRAM MOTION SENSOR (RPC OR PR7)	
105569	CN-RDPCB†	C-MAX PHOTOCODEL NODE ROUND, BRONZE, IP66, USED WITH CONTROLS READY FIXTURES	
111456	CN-RDMSB-V2‡*	C-MAX CONTROL NODE ROUND, PIR MOTION SENSOR/PHOTOCODEL, BRONZE, IP66, USED WITH CONTROLS READY FIXTURES	
c-Max Network & Network Partners**			
105897	NN-RDB	NETWORK NODE ROUND, BRONZE	
111459	NN-RDMPBXR	NETWORK NODE ROUND, PIR MOTION SENSOR, PHOTOCODEL, BLACK, EXTENDED (XR) RANGE	
106391	NN-RDW	NETWORK NODE ROUND, WHITE	
112635	NN-RDMPB-SL	SILVAIR NETWORK NODE ROUND, PIR MOTION SENSOR, PHOTOCODEL, BRONZE	
111150	NN-RDMSW-SL	SILVAIR NETWORK NODE ROUND, PIR MOTION SENSOR/DAYLIGHT HARVESTING, WHITE	

† Requires 1.5M Allen wrench

* Requires at least 1 remote control (CN-REMOTE) per project to program

** Requires c-Max App



AE Switch Area Light (Includes Remote Control Switching from the ground!)

Specifications

	AE100	AE150	AE200	AE300
Nominal Wattage & Distribution Type	Selectable 100/85/75W Type III, IV or V distribution	Selectable 150/125/100W Type III, IV or V	Selectable 200/175/150W Type III, IV or V	Selectable 300/250/200W Type III, IV or V
CCT/Distribution Selectability	Move switch to MAN for manual switch control, switch to RC if remote control is desired. Remote control will only work if switch is set to RC.			
Type III (Default setting) Lumens Range (lm) (Lumens depend on CCT setting)	100W* 15,790 - 16,390 lm 85W 12,750 - 13,650 lm 75W 10,950 - 11,770 lm	150W* 21,640 - 22,810 lm 125W 18,120 - 20,750 lm 100W 15,790 - 16,390 lm	200W* 28,970 - 30,090 lm 175W 25,550 - 28,090 lm 150W 21,640 - 22,810 lm	300W* 43,220 - 45,670 lm 250W 37,000 - 40,660 lm 200W 28,970 - 30,090 lm
TYPE III BUG rating (3K/4K/5K)	B3, U0, G3	B3, U0, G3	B4, U0, G4	B4, U0, G4
Type IV Lumens Range (lm) (Lumens depend on CCT setting)	100W* 15,930 - 16,550 lm 85W 12,750 - 13,650 lm 75W 10,950 - 11,770 lm	150W* 21,970 - 23,030 lm 125W 18,120 - 20,750 lm 100W 15,930 - 16,550 lm	200W* 28,800 - 29,860 lm 175W 25,550 - 28,090 lm 150W 21,970 - 23,030 lm	300W* 43,680 - 45,030 lm 250W 37,000 - 40,660 lm 200W 28,800 - 29,860 lm
TYPE IV BUG rating (3K/4K/5K)	B3, U0, G3	B4, U0, G4	B4, U0, G4	B5, U0, G5
Type V Lumens Range (lm) (Lumens depend on CCT setting)	100W* 15,260 - 15,900 lm 85W 12,750 - 13,650 lm 75W 10,950 - 11,770 lm	150W* 21,360 - 23,030 lm 125W 18,120 - 20,750 lm 100W 15,260 - 15,900 lm	200W* 28,850 - 30,020 lm 175W 25,550 - 28,090 lm 150W 21,360 - 23,030 lm	300W* 43,700 - 45,000 lm 250W 37,000 - 40,660 lm 200W 28,850 - 30,020 lm
TYPE V BUG rating (3K/4K/5K)	3K: B4, U0, G3	3K: B4, U0, G4	3K: B4, U0, G4	3K: B5, U0, G5
Efficacy (lm/w)	146 - 168	145 - 166	146 - 161	146 - 163
EPA (sq ft) - w/ Slipfitter 0° Horizontal / 90° Vertical	0° = 0.4343988 90° = 1.699908	0° = 0.4343988 90° = 1.699908	0° = 0.4849236 90° = 2.676216	0° = 0.4849236 90° = 2.676216
EPA (sq ft) - w/ Adjustable Arm 0° Horizontal / 30° Vertical	0° = 0.5203704 30° = 0.8542836	0° = 0.5203704 30° = 0.8542836	0° = 0.573006 30° = 1.431732	0° = 0.573006 30° = 1.431732
CRI	>80			
Color Temperature (K)	3000K/4000K/5000K Selectable (Default CCT: 5000K)			

* Default power setting



AE Switch Area Light (Includes Remote Control Switching from the ground!)

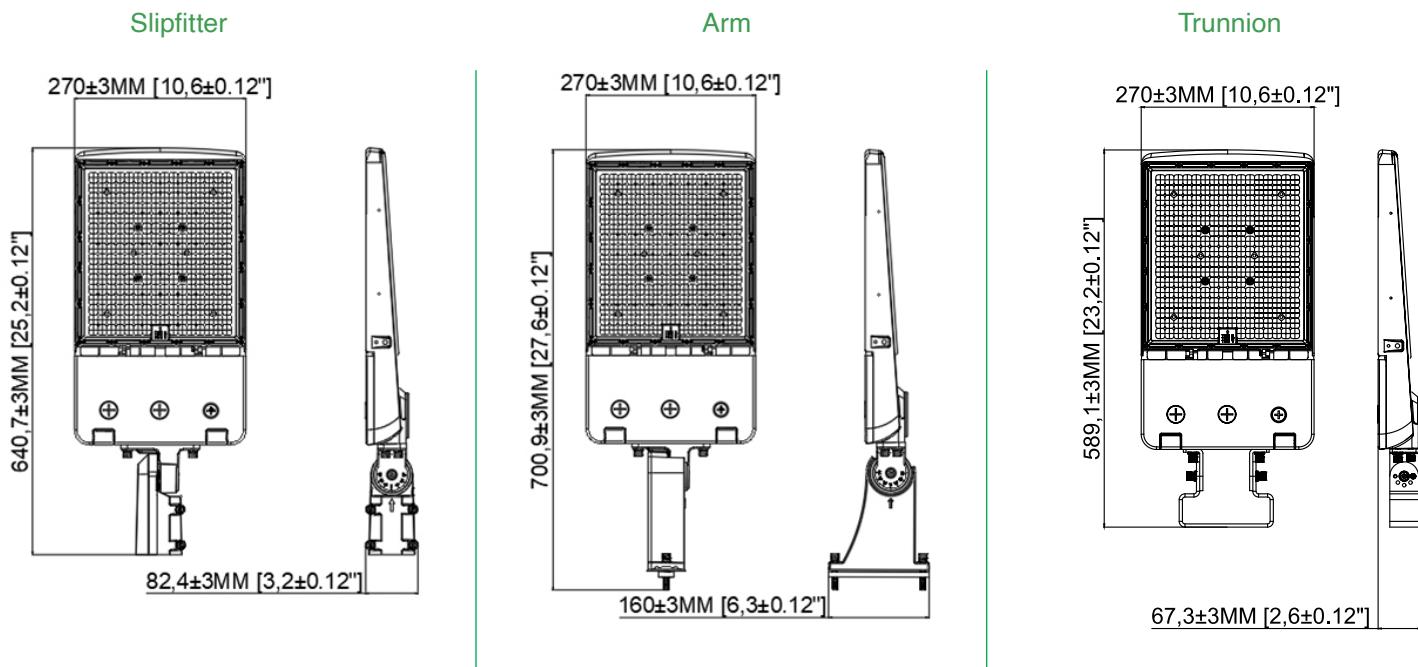
Specifications	AE100	AE150	AE200	AE300
Voltage		120-277V, 277-480V option		
Dimming		0-10V, compatible with c-Max Controls, 3pin or 7pin twist lock NEMA receptacle option		
Surge Protection		6kV integral to driver + 10kA stand alone standard, 20kA option		
Lumen Maintenance (L70) hrs		100,000+ Hours		
Housing		Die Cast Aluminum with corrosion resistant polyester powder coat		
Lens		Polycarbonate		
Mounting	<p>Standard is X (<i>upper knuckle with 4' SO cord attached</i>). Choice to field install lower half of flexible arm, slipfitter or variable wall to the upper half of the knuckle (X) (see accessories). See order matrix for factory installed mountings: Straight Arm (A), Flexible Arm (F), 2 3/8" OD Slipfitter (K), Trunnion (T), Variable Wall (V) or Fixed Wall (W) Arms will fit both square and round poles.</p>			
Weight w/ Slipfitter	10.09 lbs	10.09 lbs	13.91 lbs	13.91 lbs
Weight w/ Arm	10.38 lbs	10.38 lbs	14.17 lbs	14.17 lbs
Weight w/ Trunnion	12.86 lbs	12.86 lbs	17.91 lbs	17.91 lbs
Operating Temperature		-40°F to 122°F (-40°C to 50°C)		
Listings		UL, FCC, RoHS, DLC, ANSI 3G, TAA Available		
DLC		Premium - Outdoor Pole/Arm-Mounted Area and Roadway Luminaires		
Environmental		IP66, Wet Location		
Warranty		5 Years warranty. Check maxlite.com/warranties for details		



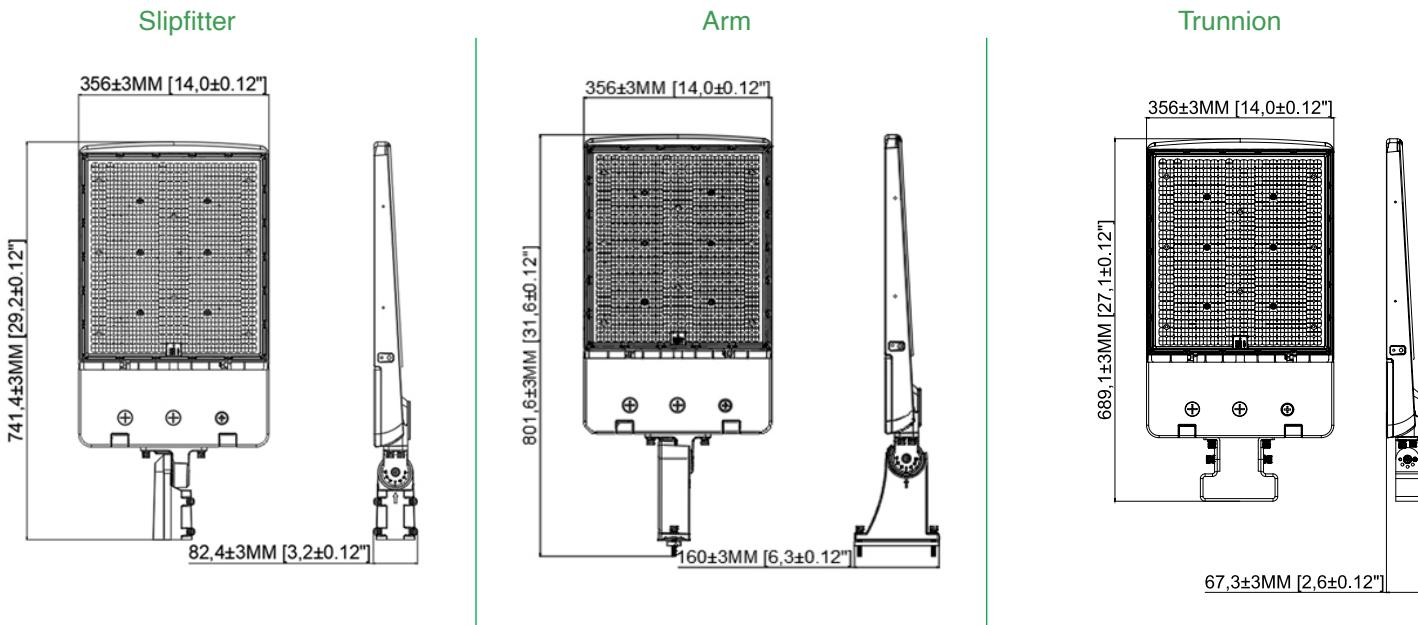
AE Switch Area Light (Includes Remote Control Switching from the ground!)

Dimensions: 100-300W models

100W & 150W



200W & 300W

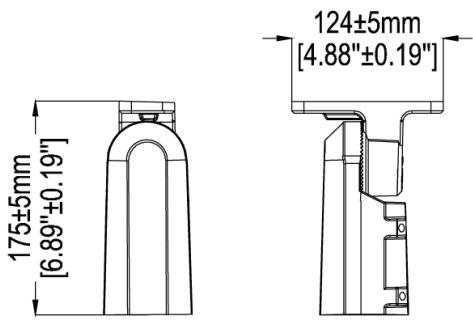




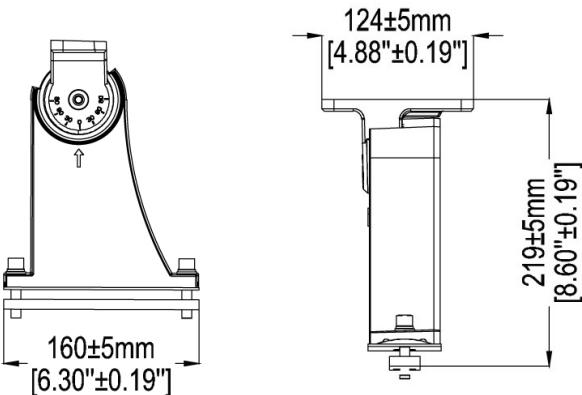
AE Switch Area Light (Includes Remote Control Switching from the ground!)

Dimensions: Mounting Options Only

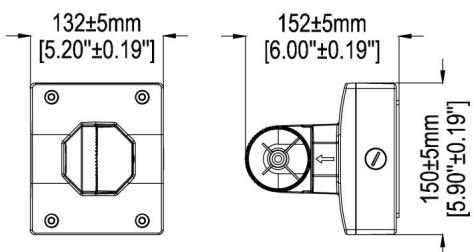
Slipfitter



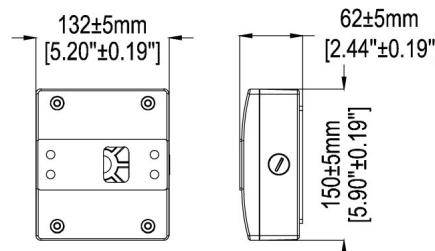
Arm



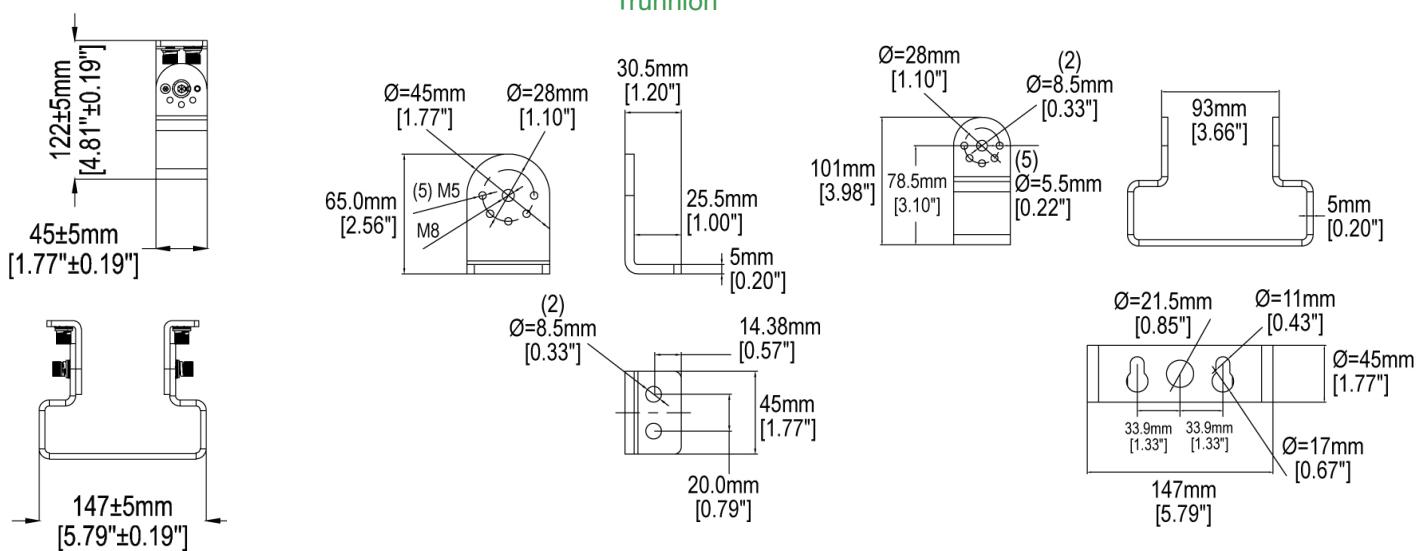
Adjustable Wall Mount



Fixed Wall Mount



Trunnion





AE Switch Area Light (Includes Remote Control Switching from the ground!)

PHOTOMETRICS

ISOFOOTCANDLE:

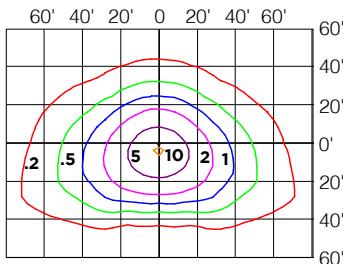
- Each gridline represents one mounting height.
- For mounting heights other than noted multiply FC by the below factor.

$$\text{Factor} = \frac{(\text{Chart's Mtg. Height})^2}{(\text{Actual Mtg. Height})^2}$$

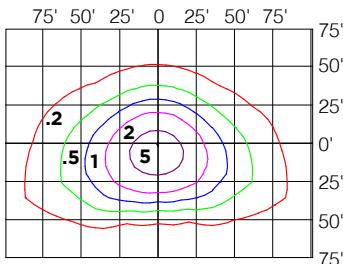
LEGEND

	0.2 fc		0.5 fc		1.0 fc
	2.0 fc		5.0 fc		10.0 fc

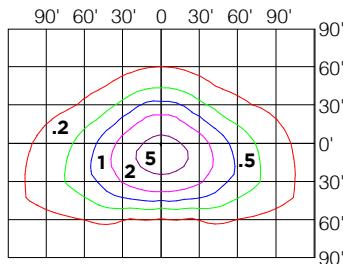
AE100
TYPE III @ 20 FT



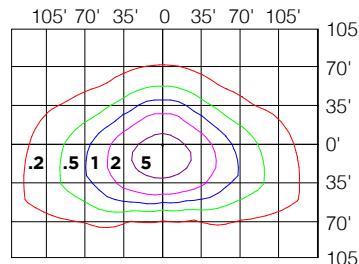
AE150
TYPE III @ 25 FT



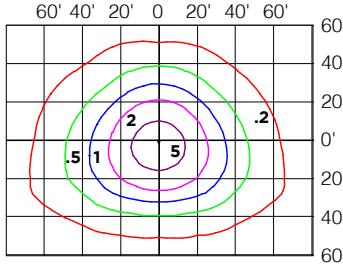
AE200
TYPE III @ 30 FT



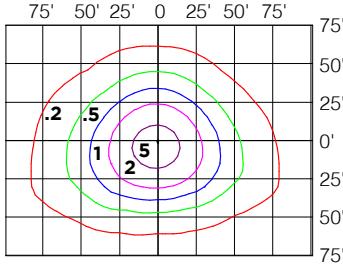
AE300
TYPE III @ 35 FT



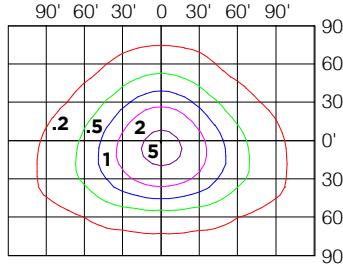
AE100
TYPE IV @ 20 FT



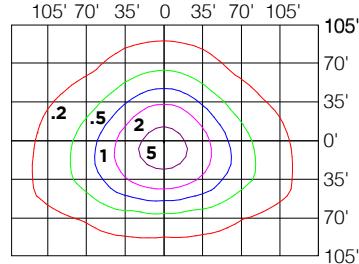
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TYPE IV @ 25 FT



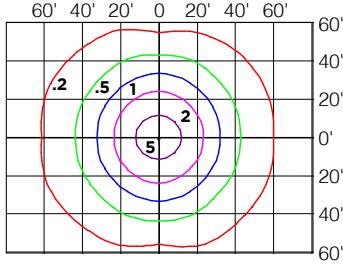
AE200
TYPE IV @ 30 FT



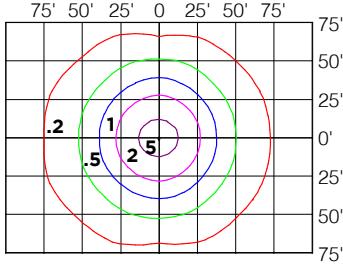
AE300
TYPE IV @ 35 FT



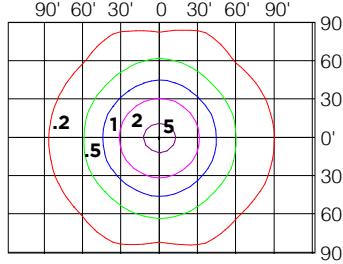
AE100
TYPE V @ 20 FT



AE150
TYPE V @ 25 FT



AE200
TYPE V @ 30 FT



AE300
TYPE V @ 35 FT

