MaxLite® c-Max CONTROLS COMPATIBLE

PROJECT NAME:_____ CAT. #: _____

NOTES:_____ FIXTURE SCHEDULE:_____

Slim AE Area Fixtures

Product Description

The Slim AE Area Fixture delivers high efficacy in a lightweight design that can be effortlessly installed on new and retrofit outdoor projects. Available in 6 wattage/lumen packages ranging from 80W-450W/10,000 - 63,000 lumens, this family covers virtually every pole mounted need. It also offers tremendous versatility with CCT/wattage selectability and field installable c-Max control capability standard. Additionally you have choices between 3 lenses, 2 mountings and 480V. All of this delivered with a 10 year warranty and a competitive price bringing you maximum value for your area project.

Features

- Controls Ready with the ability to field install a variety of c-Max controls along with upgrades in the future
- CCT selectable between 3000/4000/5000K (450W is dedicated CCT)
- Wattage selectable on most versions
- Universal 120-277V standard, high voltage 277-480V option
- 10kA surge protection included in addition to driver surge protection, option for higher 20kA protection
- ANSI 3G vibration rated
- TAA compliance available - contact Maxlite for details
- Available in two mountings - Flexible Arm or Slipfitter
- Arm fits both square or round poles

Warranty

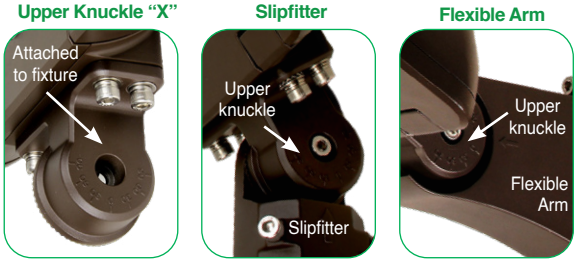
- 10 year standard

Model Selection

FAMILY	WATTAGE	VOLTAGE	DISTRIBUTION	-	CCT	FINISH	MOUNTING	CONTROL OPTIONS INCLUDED	ADDITIONAL CONTROL OPTIONS	SURGE
AE = Slim Area	**80 =** 80W **100 =** 100W **150 =** 150W **300 =** 300W	**U =** 120-277V **H =** 277-480V	**T3 =** Type 3 **T4 =** Type 4 **T5 =** Type 5		**80/100/150/300W** **WCS =** CCT/Wattage Selectable (3/4/5K) **200W** **CS =** CCT Selectable (3/4/5K) **450W** **W30 =** 3K/Wattage Selectable **W40 =** 4K/Wattage Selectable **W50 =** 5K/Wattage Selectable *For wattage choices on Wattage Selectable please see specification chart*	**B =** Bronze **L =** Black* **W =** White* *Contact Maxlite for additional finishes* *Bronze finish is standard. Other finishes are special order.*	**STANDARD** **X =** Upper half knuckle attached with 6' SO cord *Order lower half flexible arm or slipfitter (2 3/8" OD) separately - see Mounting Guide & Accessories Chart* **FACTORY INSTALLED OPTIONS*** **A =** Straight Arm **F =** Flexible Arm **K =** 2-3/8" OD Adjustable Slipfitter **T =** Trunnion **2 =** Flexible Arm and Slipfitter included	**Blank =** CR disconnected for PR7 option **CR =** Controls ready for c-Max Controls (standard)	**Blank =** No Options **RPC =** 3pin Twist Lock receptacle (CR remains functional) **PR7 =** 7pin Twist Lock receptacle (CR disconnected) *Twist Lock Receptacles Factory Installed*	**Blank =** 6kV+10kA Surge Protection Standard **S =** 20kA Surge Protection *Factory Installed*

Mounting Guide

Flexible Arm or Slipfitter *(attach to Upper Knuckle)*



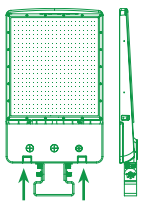
Upper Knuckle is attached to the fixture and includes 6' SO cord. It is the mounting point for Flexible Arm & Slipfitter which are ordered separately.

X
Upper knuckle
(attached, standard)

AE-KLH
Slipfitter
(lower half of knuckle, ordered separately)

AE-FLH
Flexible Arm
(lower half of knuckle, ordered separately)

Field installed options



AE-SAB
Straight Arm
(field installed)

MAE-TSB
Trunnion
(field installed)

For Factory installed options, see Mounting in Model Selection matrix

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Slim AE Area Fixtures

Accessories

ORDER CODE	MODEL NUMBER	DESCRIPTION	IMAGE
110232	AE-BLS80-100W	BACK LIGHT SHIELD FOR 80/100W AE, FIELD INSTALLABLE, 1 PER FIXTURE, BLACK, INCLUDES HARDWARE	
110233	AE-BLS150W	BACK LIGHT SHIELD FOR 150W AE, FIELD INSTALLABLE, 1 PER FIXTURE, BLACK, INCLUDES HARDWARE	
110234	AE-BLS200-300W	BACK LIGHT SHIELD FOR 200/300W AE, FIELD INSTALLABLE, 1 PER FIXTURE, BLACK, INCLUDES HARDWARE	
110235	AE-BLS450W	BACK LIGHT SHIELD FOR 450W AE, FIELD INSTALLABLE, 2 PER FIXTURE, BLACK, INCLUDES HARDWARE	
111983	AE-FLH	LOWER KNUCKLE FLEXIBLE ARM ATTACHES TO UPPER HALF OF THE KNUCKLE (K) ON THE FIXTURE, FITS SQUARE & ROUND POLES	
111984	AE-KLH	LOWER KNUCKLE SLIPFITTER ATTACHES TO UPPER HALF OF THE KNUCKLE (K) ON THE FIXTURE	
111217	AE-SAB	STRAIGHT ARM FOR AE SERIES, BRONZE, FITS SQUARE & ROUND POLES (REMOVE UPPER KNUCKLE TO INSTALL, SEE MOUNTING GUIDE ABOVE)	
112461	MAE-TSB	TRUNNION SWIVEL FOR AE SERIES, BRONZE (REMOVE UPPER KNUCKLE TO INSTALL, SEE MOUNTING GUIDE ABOVE)	
105038	PCTL-UNV	TWIST-LOCK ELECTRONIC PHOTOCONTROL 120/208/240/277V (USED WITH RPC OPTION, NOT C-MAX)	
105866	PCTL-HV	TWIST-LOCK ELECTRONIC PHOTOCONTROL 480V (USED WITH RPC OPTION, NOT C-MAX)	
96268	MLRTLPCRSP	SHORTING CAP FOR NEMA TWIST LOCK PHOTOCELL 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 (CN-RDMSB)	
105569	CN-RDPCB†	C-MAX PHOTOCELL NODE ROUND, BRONZE, IP66, USED WITH CONTROLS READY FIXTURES	
105566	CN-RDMSB†*	C-MAX CONTROL NODE ROUND, PIR MOTION SENSOR/PHOTOCELL, BRONZE, IP66, USED WITH CONTROLS READY FIXTURES	
		c-Max Network	
105897	NN-RDB**	NETWORK NODE ROUND, BRONZE**	
108255	NN-RDMPB**	NETWORK NODE ROUND, PIR MOTION SENSOR, PHOTOCELL, BRONZE**	
106391	NN-RDW**	NETWORK NODE ROUND, WHITE**	

* Requires at least 1 remote control (CN-REMOTE) per project to program
** Requies c-Max App
† Requires 1.5M Allen wrench

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Specifications	AE80 *(60W,50W)*	AE100 *(80W,60W)*	AE150 *(120W,100W)*	AE200 *(Dedicated 200)*	AE300 *(240W,200W)*	AE450 *(420W,380W)*
Nominal Wattage Selectable (W) & Lumens Range (lm)	80W* - 9,528-11,684 lm	100W* - 11,572-13,012 lm	150W* - 18,422-21,603 lm	200W* - 25,852 – 28,268 lm	300W* - 36,543-40,362 lm	450W* - 59,845-63,528 lm
	60W - 7,150-8,763 lm	80W - 9,258-10,410 lm	120W - 14,738-17,282 lm		240W - 29,234-32,290 lm	420W - 55,656-59,081 lm
	50W - 5,955-7,303 lm	60W - 6,943-7,808 lm	100W - 12,281-14,258 lm		200W - 24,118-26,639 lm	380W - 50,270-53,364 lm
Distributions	Types III, IV or V					
Efficacy (lm/w)	124-143	118-140	123 - 146	123 -146	120 - 143	129 -137
CRI	≥80					
Color Temperature (K)	3000/4000/5000K Selectable (5000K default)					3000K, 4000K & 5000K
Voltage	120-277V, 277-480V Option					
Dimming	0-10V, compatible with field installable c-Max Controls standard					
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	**Standard Upper Half Knuckle with 6' SO cord attached (X)** - Order lower half Flexible Arm (AE-FLH) or Slipfitter (AE-KLH - 2 3/8" OD) separately - see Accessories Chart & Mounting Guide **Choices for Factory Install** - Straight Arm (A), Flexible Arm (F), 2-3/8" OD Adjustable Slipfitter (K), Trunnion (T) or both Flexible Arm and Slipfitter in same carton (2) - See Accessories Chart & Mounting Guide for field installable mountings *NOTE: Arms fit both square and round poles, see Installation Manual*					
Operating Temperature	-40°F to 122°F (-40°C to 50°C)					
Weight (lbs)	7.34 (w/ sf), 7.61 (w/ arm)	7.56(w/sf), 7.83 (w/arm)	8.99(w/ arm), 8.73 (w/ sf)	10.80(w/ arm), 10.54 (w/ sf)	11.73(w/ arm), 11.64 (w/ sf)	20.11 (w/ sf), 21.01 (w/ arm)
EPA (sq ft) - 0° (Horizontal) / 90° (Vertical)	0.42/1.17	0.42/1.17	0.46/1.43	0.49/2.11	0.49/2.11	0.60/2.99
Warranty	10 Year warranty. Check maxlite.com/warranties for details.					

* Default power setting

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Slim AE Area Fixtures

DLC Chart

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

MODEL #	DLC PRODUCT ID
AE80UT3-WCS[ALL OPTIONS]	S-SH1QZ6
AE80UT4-WCS[ALL OPTIONS]	S-AB59UO
AE80UT5-WCS[ALL OPTIONS]	S-RQ61YP
AE80HT3-WCS[ALL OPTIONS]	S-1WXMS2
AE80HT4-WCS[ALL OPTIONS]	S-UK14AR
AE80HT5-WCS[ALL OPTIONS]	S-DMJI1B
AE100UT3-WCS[ALL OPTIONS]	S-SBV0X9
AE100UT4-WCS[ALL OPTIONS]	S-86WPKX
AE100UT5-WCS[ALL OPTIONS]	S-D9SHBN
AE100HT3-WCS[ALL OPTIONS]	S-92VHPM
AE100HT4-WCS[ALL OPTIONS]	S-6WIR4H
AE100HT5-WCS[ALL OPTIONS]	S-UQ49WF
AE150UT3-WCS[ALL OPTIONS]	S-QFLXC8
AE150UT4-WCS[ALL OPTIONS]	S-9X5372
AE150UT5-WCS[ALL OPTIONS]	S-C19SAG
AE150HT3-WCS[ALL OPTIONS]	S-Q7FO8P
AE150HT4-WCS[ALL OPTIONS]	S-A871JR
AE150HT5-WCS[ALL OPTIONS]	S-L7PQZG
AE200UT3-CS[ALL OPTIONS]	S-MTV3PX
AE200UT4-CS[ALL OPTIONS]	S-90IRLE
AE200UT5-CS[ALL OPTIONS]	S-X2H9BW
AE200HT3-CS[ALL OPTIONS]	S-GP4M69
AE200HT4-CS[ALL OPTIONS]	S-KY42D0
AE200HT5-CS[ALL OPTIONS]	S-CGVEA1

MODEL #	DLC PRODUCT ID
AE300UT3-WCS[ALL OPTIONS]	S-ZGDN26
AE300UT4-WCS[ALL OPTIONS]	S-X14ZAS
AE300UT5-WCS[ALL OPTIONS]	S-Y0E3CH
AE300HT3-WCS[ALL OPTIONS]	S-M0Y5OK
AE300HT4-WCS[ALL OPTIONS]	S-24EVZO
AE300HT5-WCS[ALL OPTIONS]	S-G08ZC5
AE450UT3-W30[ALL OPTIONS]	S-NGH5WZ
AE450UT3-W40[ALL OPTIONS]	S-JQB6UD
AE450UT3-W50[ALL OPTIONS]	S-NXM5UK
AE450UT3-W57[ALL OPTIONS]	S-YTCBKN
AE450UT4-W30[ALL OPTIONS]	S-R0EGAK
AE450UT4-W40[ALL OPTIONS]	S-OSNUMW
AE450UT4-W50[ALL OPTIONS]	S-XDY0AO
AE450UT4-W57[ALL OPTIONS]	S-29UQSF
AE450UT5-W30[ALL OPTIONS]	S-0MVD3T
AE450UT5-W40[ALL OPTIONS]	S-GP3A7V
AE450UT5-W50[ALL OPTIONS]	S-KFORJG
AE450UT5-W57[ALL OPTIONS]	S-1NMGEK
AE450HT3-W30[ALL OPTIONS]	S-B4JFPL
AE450HT3-W40[ALL OPTIONS]	S-5Y342X
AE450HT3-W50[ALL OPTIONS]	S-D21U9E
AE450HT3-W57[ALL OPTIONS]	S-6CU2GZ
AE450HT4-W30[ALL OPTIONS]	S-S06U91
AE450HT4-W40[ALL OPTIONS]	S-X932TZ
AE450HT4-W50[ALL OPTIONS]	S-TUELXJ
AE450HT4-W57[ALL OPTIONS]	S-C7IBPS
AE450HT5-W30[ALL OPTIONS]	S-S4DHFO
AE450HT5-W40[ALL OPTIONS]	S-94P1E0
AE450HT5-W50[ALL OPTIONS]	S-8OGJ96
AE450HT5-W57[ALL OPTIONS]	S-UI31TZ

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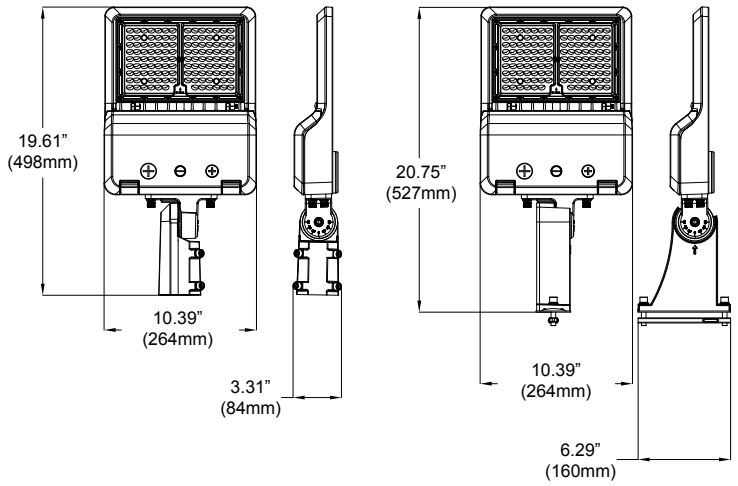
Slim AE Area Fixtures

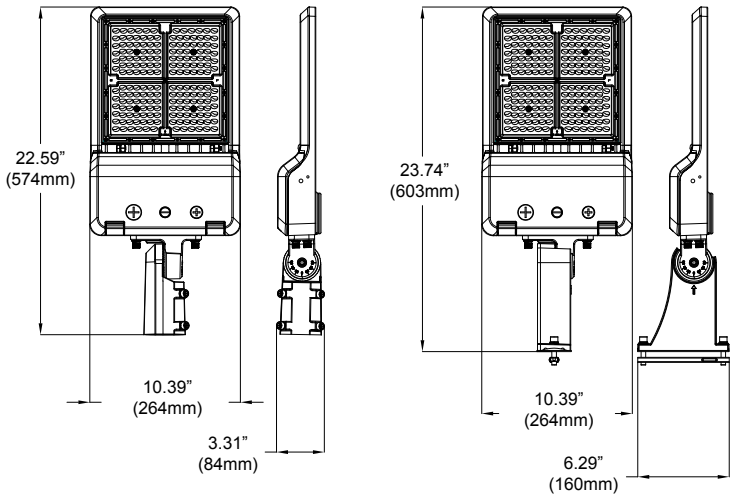
DIMENSIONS

80/100W



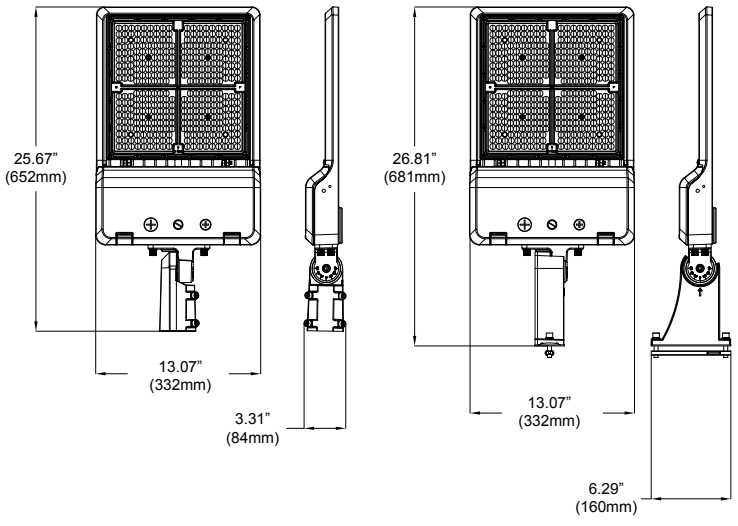
Slipfitter Arm

150W



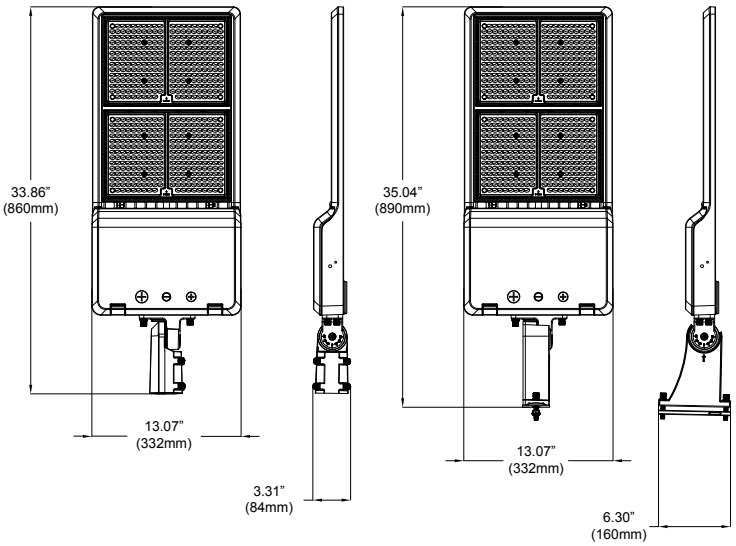
Slipfitter Arm

200/300W



Slipfitter Arm

450W



Slipfitter Arm

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