

Project:	
Type:	
Catalog #:	



## SPECIFICATIONS

### CONSTRUCTION:

- Rugged one-piece, die-cast aluminum housing secures the thermally conductive LED panel and electrical chamber
- Low profile, 3G vibration rated compact design minimizes wind load requirements.
- Housing is completely sealed against moisture and environmental contaminants.

### OPTICS:

- Available in IES Type III, IV, V distributions
- Light engines are available in standard 4000 K and 5000 K (70 CRI) configurations.
- Scalable Lumen Packages from 5,360 to 42,000 Lumens replaces up to 1000W Metal Halide.
- Optics is precisely designed to shape the distribution, maximizing efficiency and application spacing.
- For the ultimate level of spill light control, an optional house-side shield accessory can be field or factory installed.
- The optics can conform to dark sky requirement.

### ELECTRICAL:

- Universal 120-277 VAC or 347-480 VAC input voltage
- Standard with 1-10V dimming driver(s)
- THD: ≤20%
- Power Factor: ≥90%

### CONTROLS:

- Optional occupancy sensor
- Optional Photocell

### AMBIENT TEMPERATURE:

- Ambient operating temperature -40° C to 45° C (-40 F to 113 F)

### INSTALLATION:

- Suitable for mounting heights ranging from 26-50' in area lighting applications
- Round pole, Square pole, slipfitter and wall mount are available
- The design can be operated by one person to install the whole lamp

### LIFESPAN:

- Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

### FINISH:

- It's available in black or optional dark bronze, silvery gray or white.

Small Size: 40W/70W/100W



\*Swivel Mount for wall mounting applications

Medium Size: 150W/200W



Large Size: 250W/300W



### CERTIFICATIONS:

- UL wet location listed and DLC qualified

### APPLICATIONS:

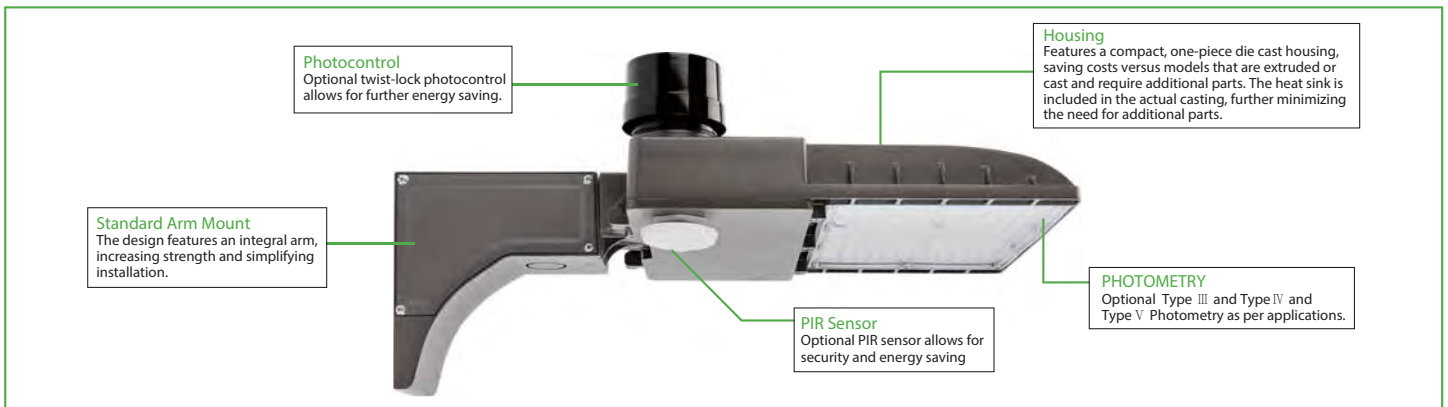
Auto dealerships  
 Parking lots  
 Walkways  
 Roadways  
 Campuses  
 Facade lighting  
 Grocery stores and other public areas

### WARRANTY:

5 year warranty.

### NOTE:

Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C (77°F) +/- 5 degrees.



## PERFORMANCE DATA

PERFORMANCE DATA			4000K(70CRI)		5000K(70CRI)	
SYSTEM WATTS	VOLTAGE	DIST.TYPE	LUMENS	LPW	LUMENS	LPW
40W	120-277V	3	5400lm	135 lm/W	5500lm	138 lm/W
	120-277V	4	5360lm	134 lm/W	5480lm	137 lm/W
	120-277V	5	5600lm	140 lm/W	5720lm	143 lm/W
45W	347-480V	3	5900lm	131 lm/W	6000lm	133 lm/W
	347-480V	4	5850lm	130 lm/W	5940lm	132lm/W
	347-480V	5	6120lm	136 lm/W	6210lm	138 lm/W
70W	120-277V	3	9500lm	136 lm/W	9600lm	137 lm/W
	120-277V	4	9310lm	133 lm/W	9450lm	132 lm/W
	120-277V	5	9730lm	139 lm/W	9800lm	140 lm/W
75W	347-480V	3	9800lm	131 lm/W	10000lm	133 lm/W
	347-480V	4	9750lm	130 lm/W	9900lm	132 lm/W
	347-480V	5	10200lm	136 lm/W	10350lm	138 lm/W
100W	120-277V	3	13500lm	135 lm/W	13800lm	138 lm/W
	120-277V	4	13200lm	132 lm/W	13300lm	133 lm/W
	120-277V	5	13800lm	138 lm/W	13900lm	139 lm/W
150W	120-277V	3	20500lm	137 lm/W	20800lm	139 lm/W
	347-480V	3	21000lm	140 lm/W	21300lm	143 lm/W
	120-277V/347-480V	4	19800lm	132 lm/W	20000lm	133 lm/W
	120-277V	5	20500lm	137 lm/W	20800lm	139 lm/W
200W	347-480V	5	21000lm	140 lm/W	21000lm	140 lm/W
	120-277V/347-480V	3	25500lm	128 lm/W	26000lm	130 lm/W
	120-277V/347-480V	4	24600lm	123 lm/W	24800lm	124 lm/W
	120-277V/347-480V	5	25500lm	128 lm/W	26000lm	130 lm/W
250W	120-277V/347-480V	3	34000lm	136 lm/W	34500lm	138 lm/W
	120-277V/347-480V	4	33250lm	133 lm/W	33750lm	135 lm/W
	120-277V/347-480V	5	34750lm	139 lm/W	35250lm	141 lm/W
	120-277V	3	40500lm	135 lm/W	41000lm	137 lm/W
300W	347-480V	3	41500lm	138 lm/W	42000lm	140 lm/W
	120-277V/347-480V	4	39600lm	132 lm/W	39900lm	133 lm/W
	120-277V	5	40500lm	135 lm/W	41000lm	137 lm/W
	347-480V	5	41500lm	138 lm/W	42000lm	140 lm/W
	347-480V	5	41500lm	138 lm/W	42000lm	140 lm/W

## ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	980	40	120	0.33
		40	208	0.19
		40	240	0.17
		40	277	0.14
		45	347	0.13
		45	480	0.09
1	1720	70	120	0.58
		70	208	0.34
		70	240	0.29
		70	277	0.25
		75	347	0.22
		75	480	0.16
1	2450	100	120	0.83
		100	208	0.48
		100	240	0.42
		100	277	0.36
1	3900	150	120	1.25
		150	208	0.72
		150	240	0.63
		150	277	0.54
		150	347	0.43
		150	480	0.31
1	5100	200	120	1.67
		200	208	0.96
		200	240	0.83
		200	277	0.72
		200	347	0.58
		200	480	0.42
1	6400	250	120	2.08
		250	208	1.20
		250	240	1.04
		250	277	0.90
		250	347	0.72
		250	480	0.52
1	6000	300	120	2.50
		300	208	1.44
		300	240	1.25
		300	277	1.08
		300	347	0.86
		300	480	0.63

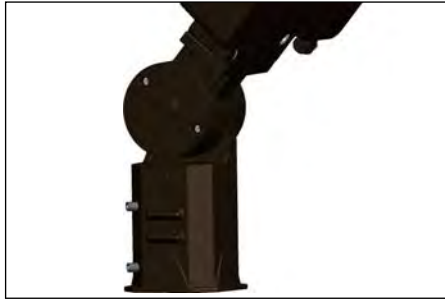
## MOUNTING

- Standard versatile mounting arm accommodates multiple drilling patterns as well as square and round poles
- Wall Mount available for direct wall mounting and J-box mounting
- Optional for cast aluminum slip-fitter mounting adapter (Compatible with more mounting adapters such as Tenon, suits for various application)

## MOUNTING OPTIONS



**Arm Mount (4" and 5" Square and Round poles)**  
Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.

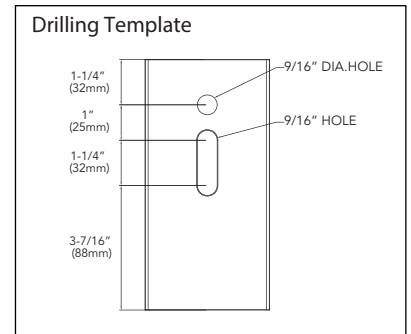
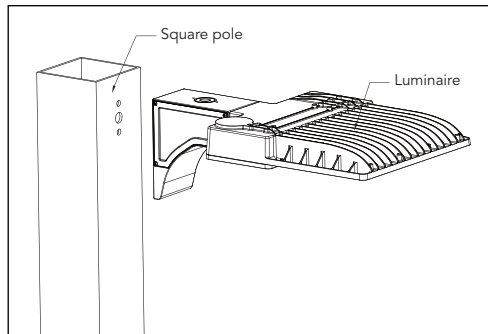
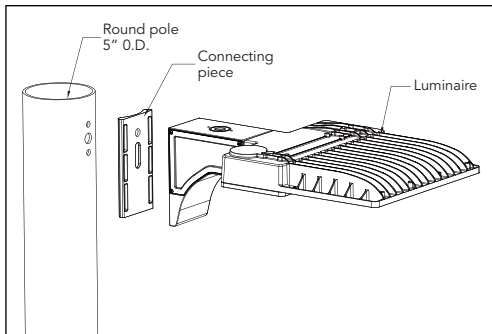


**Slipfitter Mount**  
An optional cast aluminum mast arm adapter secures fixture head to nominal 2"(2-3/8"O.D. pipe size) horizontal steel tenon arm.



**Wall Mount**  
Wall Mount is easy to install for direct wall mounting with 1/2' conduit wiring or standard J-box mounting

## MOUNTING DIMENSIONS



## ORDERING GUIDE

Fixture Type	Wattage	Voltage	CCT	Finish	Photocell (Option)	Sensor (Option)	Mounting	Photometry	Surge Protection (Option)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>EZC Area Light Series</b>	<b>A</b> 40W <b>B</b> 45W <b>C</b> 70W <b>D</b> 75W <b>E</b> 100W	<b>LV</b> 120-277V <b>HV</b> 347-480V	<b>4K</b> 4000K <b>5K</b> 5000K	<b>Z</b> Dark Bronze <b>B</b> Black <b>W</b> White <b>G</b> Silver Gray	<b>L</b> 120-277V Photocell <b>M</b> 347V Photocell <b>H</b> 480V Photocell <b>Blank</b> Without Photocell	<b>S</b> With 120-277V Sensor <b>Blank</b> Without Sensor	<b>Q</b> Square Pole Mount <b>F</b> Slipfitter Mount <b>WM</b> Wall Mount <b>SM</b> Swivel Mount	<b>3</b> TYPE III Photometry <b>4</b> TYPE IV Photometry <b>5</b> TYPE V Photometry	<b>S</b> Surge protection <b>(Blank)</b> No Surge protection

Note: 1. 100W is limited to 120-277V input only.  
2. The Watt is 40W when the voltage is 120-277V, while when it is 347-480V, the watt is 45W.  
3. The Watt is 70W when the voltage is 120-277V, while when it is 347-480V, the watt is 75W.

Fixture Type	Wattage	Voltage	CCT	Finish	Photocell (Option)	Sensor (Option)	Mounting	Photometry
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>EZC Area Light Series</b>	<b>G</b> 150W <b>I</b> 200W <b>J</b> 250W <b>K</b> 300W	<b>LV</b> 120-277V <b>HV</b> 347-480V	<b>4K</b> 4000K <b>5K</b> 5000K	<b>Z</b> Dark Bronze <b>B</b> Black <b>W</b> White <b>G</b> Silver Gray	<b>L</b> 120-277V Photocell <b>M</b> 347V Photocell <b>H</b> 480V Photocell <b>Blank</b> Without Photocell <b>R</b> Photocell Receptacle <b>KO</b> Knockout for field installed Receptacle	<b>S</b> With 120-277V Sensor	<b>Q</b> Square Pole Mount <b>F</b> Slipfitter Mount <b>WM</b> Wall Mount <b>SM</b> Swivel Mount <b>YK</b> Yoke Mount* <b>AR</b> Receptacle, Cap for Q,F,WM,SM	<b>3</b> TYPE III Photometry <b>4</b> TYPE IV Photometry <b>5</b> TYPE V Photometry

\* Photocell Internal only

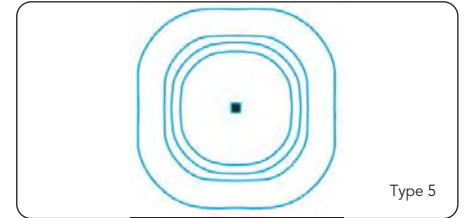
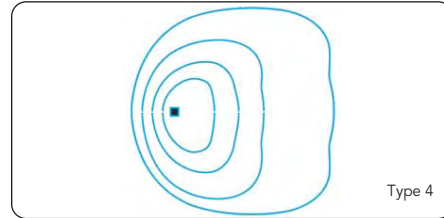
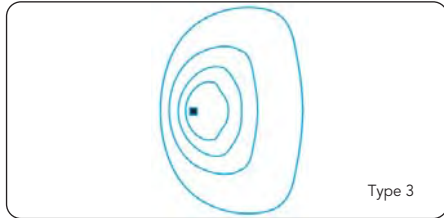
## PHOTOMETRICS

FME offers a complete set of optical systems to meet every site lighting requirement. These systems provide remarkable flexibility in precisely matching light distribution patterns to specific site requirements.

Type 3 optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back-to-back configuration, it creates a rectangular pattern which can extend pole spacings.

Type 4 is suitable for applications where light is primarily required forward with minimal backlight. Typical installations include perimeter poles.

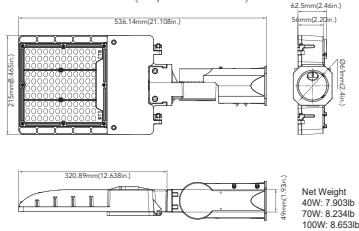
Type 5 optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire. Type 5 luminaires is universal for most area lighting applications



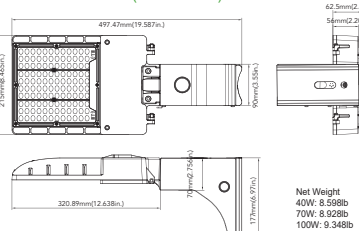
## DIMENSIONS

unit: inch/mm

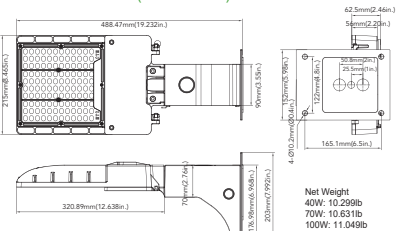
### 40W/70W/100W (Slipfitter Mount)



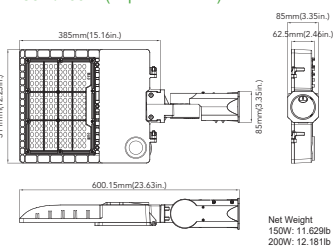
### 40W/70W/100W (Pole Mount)



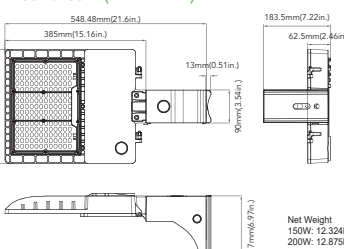
### 40W/70W/100W (Wall Mount)



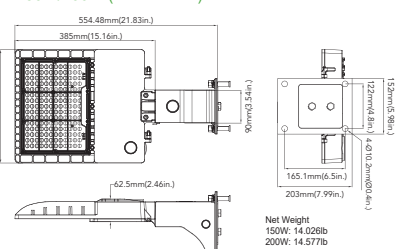
### 150W/200W (Slipfitter Mount)



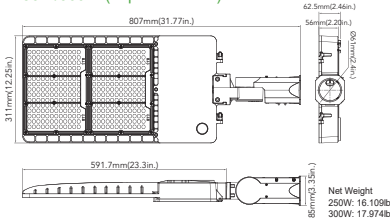
### 150W/200W (Pole Mount)



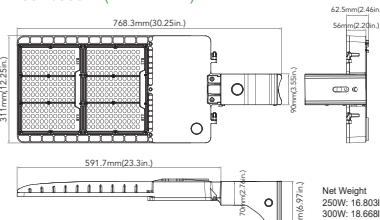
### 150W/200W (Wall Mount)



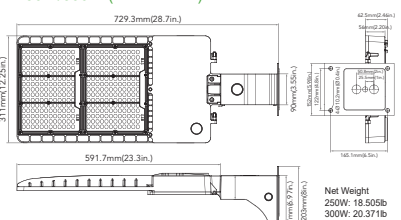
### 250W/300W (Slipfitter Mount)



### 250W/300W (Pole Mount)








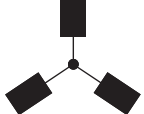

### 250W/300W (Wall Mount)



## ADDITIONAL MOUNTING ACCESSORIES

POLE BRACKET • For mounting one fixture on an existing pole			
	<p><b>4" Square Pole Mount with 2-3/8" O.D. Tenon</b></p> <p>Finish: Dark Bronze            USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p>		<p><b>4" Round Pole Mount with 2-3/8" O.D. Tenon</b></p> <p>Finish: Dark Bronze            USE: For use with Round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p>
	<p><b>5" Square Pole Mount with 2-3/8" O.D. Tenon</b></p> <p>Finish: Dark Bronze            USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p>		<p><b>5" Round Pole Mount with 2-3/8" O.D. Tenon</b></p> <p>Finish: Dark Bronze            USE: For use with Round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p>
	<p><b>Pole Bracket accessories-Tenon &amp; Yoke Adaptor</b></p> <p>Finish: Dark Bronze            USE: The 2-3/8" OD Tenon Mount Adaptor for Yoke Fixtures is designed to mount light fixtures that are equipped with a yoke mount onto a 2-3/8" OD tenon.</p>		
WALL BRACKET • Attaches to any flat surface • Provides wiring access		Mid-Pole tenon Bracket	
	<p><b>90° Wall Mount Bracket with 2-3/8" O.D. Tenon</b></p> <p>Finish: Dark Bronze            USE: The 90° wall mount bracket with 2-3/8" tenon attaches a floodlight to almost any surface: wall, roof, or wood pole. Provides wiring access and a built-in 2-3/8" O.D. tenon to mount a fixture with our adjustable slipfitter. Suggested 3/8" diameter bolts for mounting. Mounting holes are spaced 3-1/4" apart.</p>		<p><b>2-3/8" OD Horizontal Tenon Mid-Pole Bracket NO.</b></p> <p>Finish: Dark Bronze            USE: 2-3/8" OD Horizontal Tenon Mid-Pole Bracket is designed to mount light fixture that is equipped with an adjustable slipfitter onto a 2-3/8" OD horizontal tenon</p>
Round External Mount Horizontal Tenon • To mount 2/3/4 fixtures on a existing pole			
	<p><b>Double 90° Horizontal Tenon Adaptor</b></p> <p>Finish: Dark Bronze            USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p>		<p><b>Triple 120° Horizontal Tenon Adaptor</b></p> <p>Finish: Dark Bronze            USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p>
	<p><b>Double 180° Horizontal Tenon Adaptor</b></p> <p>Finish: Dark Bronze            USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p>		<p><b>Quad 90° Horizontal Tenon Adaptor</b></p> <p>Finish: Dark Bronze            USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Four fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p>
	<p><b>Triple 90° Horizontal Tenon Adaptor</b></p> <p>Finish: Dark Bronze            USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally</p>		<p><b>Pole Bracket Accessories -Angle-Adjustment Adapter NO. SOA-ALDA</b></p> <p>Finish: Dark Bronze            USE: Durable brackets are engineered to provide versatile mounting options. These arms are made from rugged die-cast aluminum. They allow optimal positioning of the light fixture to maximize the lighting effectiveness vertically and horizontally.</p>

## EPA OF AREA LIGHT

Item							
	1	2 @90°	2 @120°	2@180°	3 @90°	3 @120°	4 @90°
40W/70W/100W	0.3413	0.5929	0.7983	0.6826	1.0239	1.0499	1.0239
150W/200W	0.423	0.735	0.873	0.846	1.158	1.185	1.158
250W/300W	0.4759	0.7889	1.0581	0.9518	1.2648	1.3711	1.2648

## BUG

SYSTEM WATTS	VOLTAGE	DIST. TYPE	B	U	G
40W	120-277V	3	1	0	1
45W	347-480V	3	1	0	1
70W	120-277V	3	2	0	2
75W	347-480V	3	2	0	2
100W	120-277V	3	2	0	2
150W	120-277V/347-480V	3	3	0	3
200W	120-277V/347-480V	3	3	0	3
250W	120-277V/347-480V	3	4	0	4
300W	120-277V/347-480V	3	4	0	4