

# A17 Ultra-Economy Area Light



## 3-Way Adjustable



## A17 70W-150W



## A17 200W-375W



100,000 HOURS



3-WAY ADJUSTABLE



FIELD ADJUSTABLE



IP RATING



WET RATED

PROJECT:

DATE:

TYPE:

PREPARED BY:



## KEY FEATURES

- Ultra-economy arealights with field-adjustable CCTs:  
Available wattages: 375W, 300W, 240W, 200W, 150W, 100W & 70W  
Selectable CCT: 4000K/5000K  
Voltage ratings: 120-277V. 480V only available from 150W-375W.
- 3-way adjustable model also available:  
Selectable CCT: (3000K/4000K/5000K)  
Selectable wattages: 150W/100W/70W and 300W/240W/200W  
Selectable **photocell** that can be turned on and off
- Voltage ratings: 120-277V
- Universal Pole mount and roadway arm available. Slipfitter mount available on 150W.
- Remote control for microwave sensor available as an accessory
- Suitable for **wet locations**

## TECHNICAL SPECIFICATIONS

### COMPLIANCE

#### UL Listed

Suitable for wet locations

#### DLC Listed

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

#### IP Rating

Ingress protection rating of IP65 for dust and water

### PERFORMANCE

#### Lifespan

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

### LED CHARACTERISTICS

#### LEDs

Long-life, high-efficacy, surface-mount LEDs

#### Color Uniformity

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standards for Specifications for the Chromaticity of Solid State Lighting (SLL) Products, ANSI C78.377-2017.

### CONSTRUCTION

#### Cold Weather Starting

Minimum starting temperature is -40°C (-40°F)

#### Maximum Ambient Temperature

Suitable for use in up to 40°C (104°F)

#### Housing

Die-cast aluminum housing, lens frame and mounting arm

#### Mounting

Universal mounting arm compatible for hole spacing patterns from 1" to 5 1/2" center to center. Round Pole Adaptor plate included as a standard. Easy slide and lock to mount fixture with ease. Round pole diameter must be >4" to mount fixtures at 90° orientation.

Roadway arm, compatible with all wattages, sold separately.

Slipfitter with 180° pivot available for mounting on 2 3/8" tenon. Slipfitter only available for 150W.

#### Lens

Polycarbonate lens

#### Gasket

Silicone

#### Green Technology

Mercury and UV free. RoHS-compliant components.

#### Finish

Formulated for high durability and long lasting color.

# A17 Ultra-Economy Area Light



## TECHNICAL SPECIFICATIONS (CONTINUED)

### CONSTRUCTION (CONTINUED)

#### EPA

- 1 Fixture: 0.60
- 2 Fixtures at 90°: 0.77
- 2 Fixtures at 180°: 1.19
- 3 Fixtures at 90°: 1.19
- 4 Fixtures at 90°: 1.19

#### EPA with Slipfitter & Adjustable Arm Mounting Accessories (Sold Separately)

- 1 Fixture: 0.79
- 2 Fixtures at 90°: 0.97
- 2 Fixtures at 180°: 1.59
- 3 Fixtures at 90°: 1.59
- 4 Fixtures at 90°: 1.59

### ELECTRICAL

#### Drivers (A17- 3-way adjustable)

Constant Current, Class 2, 120-277V, 50/60Hz

- 300W:** 120V: 2.80A, 208V: 1.60A, 240V: 1.40A, 277V: 1.20A
- 240W:** 120V: 2.40A, 208V: 1.30A, 240V: 1.10A, 277V: 1.00A
- 200W:** 120V: 2.00A, 208V: 1.10A, 240V: 0.95A, 277V: 0.80A
- 150W:** 120V: 1.40A, 208V: 0.80A, 240V: 0.70A, 277V: 0.06A
- 100W:** 120V: 1.00A, 208V: 0.60A, 240V: 0.50A, 277V: 0.40A
- 70W:** 120V: 0.70A, 208V: 0.40A, 240V: 0.35A, 277V: 0.30A

#### Drivers (A17-Field-adjustable)

Constant Current, Class 2, 120-277V, 50/60Hz

- 375W:** 120V: 3.50A, 208V: 2.00A, 240V: 1.75A, 277V: 1.50A
- 300W:** 120V: 3.00A, 208V: 1.60A, 240V: 1.40A, 277V: 1.20A
- 240W:** 120V: 2.40A, 208V: 1.30A, 240V: 1.10A, 277V: 1.00A
- 200W:** 120V: 2.00A, 208V: 1.10A, 240V: 0.95A, 277V: 0.80A
- 150W:** 120V: 1.50A, 208V: 0.80A, 240V: 0.70A, 277V: 0.60A
- 100W:** 120V: 1.00A, 208V: 0.60A, 240V: 0.50A, 277V: 0.40A
- 70W:** 120V: 0.70A, 208V: 0.40A, 240V: 0.35A, 277V: 0.30A

Constant Current, Class 2, 480V, 50/60Hz

- 375W:** 480V: 0.90A
- 300W:** 480V: 0.70A
- 240W:** 480V: 0.60A
- 150W:** 480V: 0.40A

### ELECTRICAL (CONTINUED)

#### THD:

- 375W:** 5.31% at 120V, 10.67% at 277V
- 300W:** 3.01% at 120V, 8.16% at 277V
- 240W:** 3.75% at 120V, 6.38% at 277V
- 200W:** 4.75% at 120V, 9.6% at 277V
- 150W:** 3.96% at 120V, 8.22% at 277V
- 100W:** 3.44% at 120V, 10.54% at 277V
- 70W:** 3.24% at 120V, 13.52% at 277V

#### Power Factor:

- 375W:** 99.6% at 120V, 92.6% at 277V
- 300W:** 99.9% at 120V, 93.5% at 277V
- 240W:** 99.6% at 120V, 97.3% at 277V
- 200W:** 99.8% at 120V, 93.4% at 277V
- 150W:** 99.8% at 120V, 95.6% at 277V
- 100W:** 99.9% at 120V, 94% at 277V
- 70W:** 99.6% at 120V, 91.7% at 277V

#### Note

All values are typical (tolerance +/- 10%)

#### Surge Protection:

10kV

### PERFORMANCE

#### Lifespan

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

### OTHER

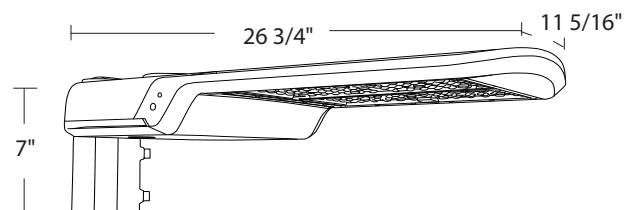
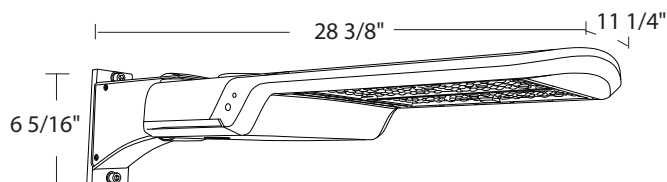
#### Warranty

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

## DIMENSIONS :

### A17 70W-150W

- Weight: 150W : 12.3 lbs
- 150W : 13.2 lbs (Slipfitter mount)
- 100W : 11.2 lbs
- 70W : 10.8 lbs

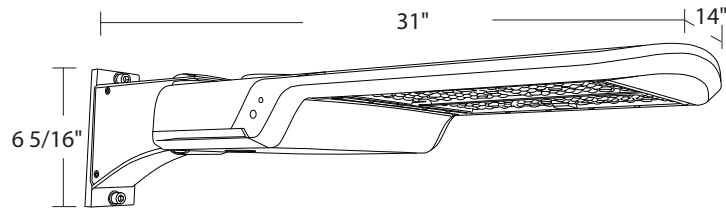


# A17 Ultra-Economy Area Light

## DIMENSIONS (CONTINUED)

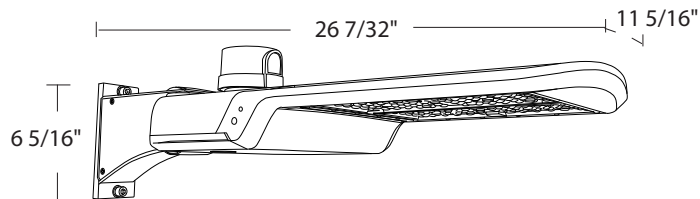
### A17 200W-375

Weight: 300W : 18.2 lbs  
375W : 18.9 lbs  
200W : 17.0 lbs



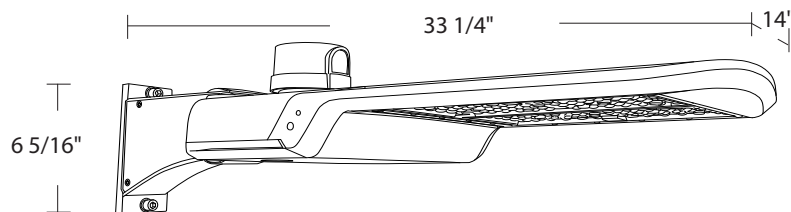
### A17XFU-150W

Weight: 150W : 10.8 lbs



### A17XFU-300W

Weight: 300W : 18.2 lbs



# A17 Ultra-Economy Area Light



## PERFORMANCE: A17 3-WAY FIELD ADJUSTABLE

A17XFU150	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Wattage	150W			100W			70W		
Input Watts	151.22W	145.84W	150.63W	106.5W	112.8W	106.5W	73.2W	69.8W	72.4W
Lumens	20,261	21,875.1	21,354.8	15,494	16,407	16,023	11,168	11,577	11,452
Lm/W	134.0	150.2	141.8	145.5	145.5	150.5	152.6	165.9	158.2
CRI	72	73	71	72	73	71	72	73	71
Voltage Ratings	120-277V								

A17XFU300	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Wattage	300W			240W			200W		
Input Watts	300W	300W	300W	240W	240W	240W	200W	200W	200W
Lumens	39,646.7	42,584.9	41,660.1	32,541.6	36,228	34,152	28,518	31,590	29,850
Lm/W	129.6	145.0	136.3	135.6	151.0	142.3	142.6	158.0	149.3
CRI	72	73	71	72	73	71	72	73	71
Voltage Ratings	120-277V								

## PERFORMANCE: A17 FIELD ADJUSTABLE

A17 375W TYPE III	4000K	5000K
Wattage	375W	375W
Input Watts	371W	371W
Lumens	52,986	53,469
Lm/W	143	144
CRI	72	72
Voltage Ratings	120-277V	

A17 300W TYPE III	4000K	5000K
Wattage	300W	300W
Input Watts	299W	299W
Lumens	43,954	44,324
Lm/W	147	148
CRI	70	70
Voltage Ratings	120-277V	

A17 240W TYPE III	4000K	5000K
Wattage	240W	240W
Input Watts	241W	241W
Lumens	35,175	35,511
Lm/W	146	148
CRI	70	70
Voltage Ratings	120-277V	

A17 200W TYPE III	4000K	5000K
Wattage	200W	200W
Input Watts	200W	200W
Lumens	29,420	29,757
Lm/W	147	149
CRI	70	70
Voltage Ratings	120-277V	

A17 150W TYPE III	4000K	5000K
Wattage	150W	150W
Input Watts	149W	149W
Lumens	21,318	21,594
Lm/W	143	145
CRI	70	70
Voltage Ratings	120-277V	

A17 100W TYPE III	4000K	5000K
Wattage	100W	100W
Input Watts	99W	99W
Lumens	14,432	14,533
Lm/W	146	147
CRI	72	72
Voltage Ratings	120-277V	

A17 70W TYPE III	4000K	5000K
Wattage	70W	70W
Input Watts	70W	70W
Lumens	10,148	10,234
Lm/W	145	147
CRI	72	72
Voltage Ratings	120-277V	

# A17 Ultra-Economy Area Light



## PERFORMANCE: A17 FIELD-ADJUSTABLE (CONTINUED)

A17 375W TYPE IV	4000K	5000K
Wattage	375W	375W
Input Watts	371W	371W
Lumens	51,533	51,005
Lm/W	139	138
CRI	72	72
Voltage Ratings	120-277V	

A17 300W TYPE IV	4000K	5000K
Wattage	300W	300W
Input Watts	300W	300W
Lumens	43,592	44,065
Lm/W	145	147
CRI	70	70
Voltage Ratings	120-277V	

A17 240W TYPE IV	4000K	5000K
Wattage	240W	240W
Input Watts	241W	241W
Lumens	34,355	34,725
Lm/W	142	144
CRI	70	70
Voltage Ratings	120-277V	

A17 200W TYPE IV	4000K	5000K
Wattage	200W	200W
Input Watts	200W	200W
Lumens	29,214	29,406
Lm/W	146	147
CRI	70	70
Voltage Ratings	120-277V	

A17 150W TYPE IV	4000K	5000K
Wattage	150W	150W
Input Watts	149W	149W
Lumens	21,204	21,378
Lm/W	142	143
CRI	70	70
Voltage Ratings	120-277V	

A17 100W TYPE IV	4000K	5000K
Wattage	100W	100W
Input Watts	98W	98W
Lumens	13,822	13,928
Lm/W	142	143
CRI	70	70
Voltage Ratings	120-277V	

A17 70W TYPE IV	4000K	5000K
Wattage	70W	70W
Input Watts	71W	71W
Lumens	9,938	10,055
Lm/W	140	142
CRI	70	70
Voltage Ratings	120-277V	

A17 375W TYPE V	4000K	5000K
Wattage	375W	375W
Input Watts	372W	372W
Lumens	48,472	49,015
Lm/W	130	132
CRI	72	72
Voltage Ratings	120-277V	

A17 300W TYPE V	4000K	5000K
Wattage	300W	300W
Input Watts	301W	301W
Lumens	40,616	41,100
Lm/W	135	137
CRI	70	70
Voltage Ratings	120-277V	

A17 240W TYPE V	4000K	5000K
Wattage	240W	240W
Input Watts	241W	241W
Lumens	32,785	33,166
Lm/W	136	138
CRI	70	70
Voltage Ratings	120-277V	

A17 200W TYPE V	4000K	5000K
Wattage	200W	200W
Input Watts	200W	200W
Lumens	27,406	27,707
Lm/W	137	138
CRI	70	70
Voltage Ratings	120-277V	

A17 150W TYPE V	4000K	5000K
Wattage	150W	150W
Input Watts	148W	148W
Lumens	19,804	20,022
Lm/W	133.4	134.8
CRI	70	70
Voltage Ratings	120-277V	

A17 100W TYPE V	4000K	5000K
Wattage	100W	100W
Input Watts	100W	100W
Lumens	13,516	13,382
Lm/W	135	134
CRI	70	70
Voltage Ratings	120-277V	

# A17 Ultra-Economy Area Light



## PERFORMANCE : A17 FIELD ADJUSTABLE (CONTINUED)

A17 70W TYPE V	4000K	5000K
Wattage	70W	70W
Input Watts	71W	71W
Lumens	9,496	9,385
Lm/W	134	133
CRI	70	70
Voltage Ratings	120-277V	

A17 375W TYPE III	4000K	5000K
Wattage	375W	375W
Input Watts	379.W	379W
Lumens	54,553	55,041
Lm/W	144	145
CRI	72	73
Voltage Ratings	480V	

A17 375W TYPE IV	4000K	5000K
Wattage	375W	375W
Input Watts	380W	380W
Lumens	53,202	53,742
Lm/W	140	142
CRI	72	73
Voltage Ratings	480V	

A17 375W TYPE V	4000K	5000K
Wattage	375W	375W
Input Watts	379W	379W
Lumens	50,049	50,562
Lm/W	132	133
CRI	72	73
Voltage Ratings	480V	

A17 300W TYPE III	4000K	5000K
Wattage	300W	300W
Input Watts	296W	296W
Lumens	44,296	44,729
Lm/W	150	151
CRI	72	73
Voltage Ratings	480V	

A17 300W TYPE IV	4000K	5000K
Wattage	300W	300W
Input Watts	296W	296W
Lumens	43,018	43,361
Lm/W	145	146
CRI	72	73
Voltage Ratings	480V	

A17 300W TYPE V	4000K	5000K
Wattage	300W	300W
Input Watts	296W	296W
Lumens	41,326	41,804
Lm/W	140	141
CRI	72	73
Voltage Ratings	480V	

A17 240W TYPE III	4000K	5000K
Wattage	240W	240W
Input Watts	231W	231W
Lumens	34,681	34,953
Lm/W	150	151
CRI	72	73
Voltage Ratings	480V	

A17 240W TYPE IV	4000K	5000K
Wattage	240W	240W
Input Watts	231W	231W
Lumens	34,256	34,572
Lm/W	148	150
CRI	72	73
Voltage Ratings	480V	

A17 240W TYPE V	4000K	5000K
Wattage	240W	240W
Input Watts	231W	231W
Lumens	32,351	32,603
Lm/W	140	141
CRI	72	73
Voltage Ratings	480V	

A17 150W TYPE III	4000K	5000K
Wattage	150W	150W
Input Watts	146W	146W
Lumens	21,475	21,730
Lm/W	147	149
CRI	72	72
Voltage Ratings	480V	

A17 150W TYPE IV	4000K	5000K
Wattage	150W	150W
Input Watts	146W	146W
Lumens	21,320	21,555
Lm/W	146	148
CRI	72	73
Voltage Ratings	480V	

A17 150W TYPE V	4000K	5000K
Wattage	150W	150W
Input Watts	146W	146W
Lumens	19,770	19,972
Lm/W	135	137
CRI	72	73
Voltage Ratings	480V	

# A17 Ultra-Economy Area Light



## ACCESSORIES

IMAGE	SKU#	UPC	DESCRIPTION
	RPCT	019813427430	TWISTLOCK PHOTOCELL 120-277V
	A17-RHS1	192552004473	REVERSIBLE HS SHIELD 70W-150W
	A17-RHS2	192552004480	REVERSIBLE HS SHIELD 200W-375W
	A17-SF-KIT	192552004459	SLIPFITTER KIT
	A17-ADJ-KIT	192552004442	UNIVERSAL ADJUSTABLE ARM KIT
	A17-WM	192552004466	WALL MOUNT KIT
	A17-RW ARM	192552029452	ROADWAY ARM A17
	MVS-OD-REMOTE	192552026048	REMOTE CONTROL FOR MICROWAVE SENSOR IP20

## ORDERING MATRIX

### A17

Family	Distribution Type	Wattage/Lumens	Mounting	Color Temperature	Finish	Voltage Rating	Options					
<b>A17</b>												
	3T 4T 5T	Type III Type IV Type V	70 100 150 200 240 300 375	70W/10,000Lm 100W/15,000Lm 150W/22,500Lm 200W/30,000Lm 240W/36,000Lm 300W/45,000Lm 375W/51,800Lm	BLANK N	Universal Pole Mount Slipfitter	5000K 4000K	BLANK Bronze	BLANK 2/480	120-277V 480V	BLANK /3PRS /7PRS /MVS /LC	No Option 3-pin Receptacle with Shorting Cap 7-pin Receptacle with Shorting Cap Microwave Motion Sensor Lightcloud Controller

<sup>1</sup>Slipfitter Mount available on 150W only  
 Type II distribution available as special order  
 Wall mount and adjustable universal pole mount available as optional field-installed accessories  
<sup>2</sup>480V driver available standard on 150W and 300W and by special order on 100, 240 and 375W. Not available on 70W or 200W models.

### A17XFU

Family	Wattage	Color Temperature	Finish	Voltage	Option			
<b>A17XFU</b>								
	150 300	150/100/70W 300/240/200W	BLANK Field-adjustable	3000/4000/5000K B W	BLANK Bronze Black White	BLANK 120-277V, 0-10V Dimming	BLANK /LC	No option Lightcloud Controller

A17XFU comes standard with Adjustable Universal Pole Mount, 7-Pin Receptacle with Shorting Cap