



Ultra high output, high efficiency LED floodlight with NEMA Types: 7H x 6V, 6H x 4V, 4H x 6V, 5H x 5V and 3H x 3V. patent-pending "Air-Flow" technology ensures long LED and driver lifespan. Use for general and security lighting for large areas, building façades, signs and landscapes.

Color: Bronze

Weight: 73.8 lbs

Project:

Type:

Prepared By:

Date:

#### Driver Info

Type	Constant Current
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	319W

#### LED Info

Watts	300W
Color Temp	5000K (Cool)
Color Accuracy	72 CRI
L70 Lifespan	100,000 Hours
Lumens	45,367
Efficacy	142.2 lm/W

## Technical Specifications

### Compliance

#### UL Listed:

Suitable for wet locations. Suitable for ground mounting.

#### DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

DLC Product Code: P6WYG6SE

### Optical

#### NEMA Type:

NEMA Beam Spread of 7H x 6V

### Performance

#### Lifespan:

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

### Construction

#### IP Rating:

Ingress protection rating of IP66 for dust and water

#### Maximum Ambient Temperature:

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

#### Effective Projected Area:

EPA = 4

#### Cold Weather Starting:

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

#### Thermal Management:

Superior thermal management with external "Air-Flow" fins

#### Lens:

Tempered glass lens

#### Reflector:

Specular and semi-specular vacuum-metalized polycarbonate

#### Finish:

Formulated for high durability and long-lasting color

### LED Characteristics

#### LEDs:

Multip-chip, high-output, long-life LEDs

#### Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

## Technical Specifications (continued)

### LED Characteristics

#### Color Stability:

LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year period

### Electrical

#### Drivers:

Constant Current, 1050mA, 50/60 Hz, 347-480V, 4 kV surge protection, 480V: 0.69A, THD <20%, Power Factor: 99%

#### THD:

12.23% at 480V

#### Power Factor:

95.7% at 480V

#### Note:

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

### Other

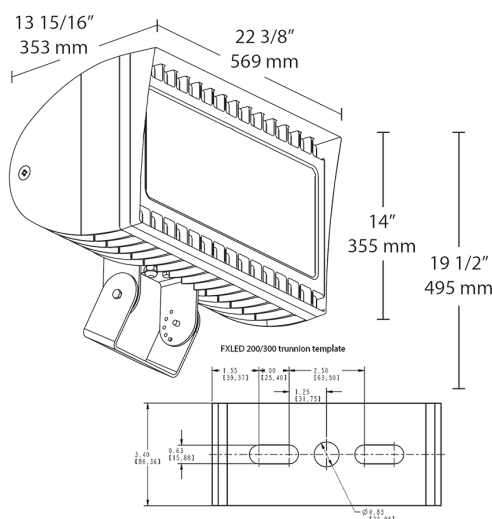
#### Equivalency:

Equivalent to 1000W Metal Halide

#### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

## Dimensions



## Features

- 300W replaces 1000 MH floodlights
- 100,000-hour LED lifespan
- 5-Year, No-Compromise Warranty

## Ordering Matrix

Family	Wattage	Mounting	Color Temp	NEMA Type	Finish	Driver Options	Options	Other Options
FXLED	300	T				/480	/PCT4	
	200 = 200W 300 = 300W	SF = Slipfitter T = Trunion	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	Blank = 7H x 6V B64 = 6H x 4V B55 = 5H x 5V B33 = 3H x 3V B46 = 4H x 6V	Blank = Bronze W = White	Blank = 120-277V /480 = 480V /BL = Bi-Level (Slipfitters only) <sup>1</sup> /D10 = 0-10V Dimming	Blank = No option /PCS = 120V Swivel /PCS2 = 277V Swivel /PCT = 120-277V Twistlock /PCT4 = 480V Twistlock /PCS4 = 480V Swivel /LC = Lightcloud® Controller	Blank = Standard USA = BAA Compliant

<sup>1</sup> Slipfitter models only