



Color: White

Weight: 21.6 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 | 158.4W           |

## LED Info

|                |               |
|----------------|---------------|
| Watts          | 78W           |
| Color Temp     | 5100K (Cool)  |
| Color Accuracy | 72 CRI        |
| L70 Lifespan   | 100,000 Hours |
| Lumens         | 21,105        |
| Efficacy       | 133.2 lm/W    |

## Technical Specifications

## Electrical

## Driver:

Constant Current, Class 2, 2000mA, 347-480V, 50-60Hz, 0.17A, Power Factor 99%

## THD:

9.38% at 480V

## Power Factor:

96.2% at 480V

## Photocell:

480V Swivel photocell included. Photocell is only compatible with 480V.

## Note:

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

## Starting/Operating Amps:

480V = 0.17A

## Surge Protection:

4kV

## Compliance

## UL Listed:

Suitable for wet locations. Suitable for ground mounting.

## IESNA LM-79 &amp; LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

## 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.

DLC Product Code: P6MR6RH7

## 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

## EPA:

2

## Ambient Temperature:

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

## Technical Specifications (continued)

### Construction

#### Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

#### Thermal Management:

Superior heat sinking with external Air-Flow fins

#### Lens:

Tempered glass lens

#### Housing:

Die-cast aluminum housing and door frame

#### Mounting:

Heavy-duty slipfitter for 2 3/8" OD pipe

#### Reflector:

Specular vacuum-metallized polycarbonate

#### Gaskets:

High-temperature silicone gaskets

### Finish:

Formulated for high durability and long-lasting color

### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Tilt Increment:

Rotates in 6 degree increments

### Optical

#### NEMA Type:

NEMA Beam Spread of 6H x 6V

### LED Characteristics

#### LEDs:

Six multi-chip, 13Watt high-output, long-life LEDs

#### Color Consistency:

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

#### Color Stability:

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

### Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

### Other

#### Equivalency:

Equivalent to 250W Metal Halide

#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

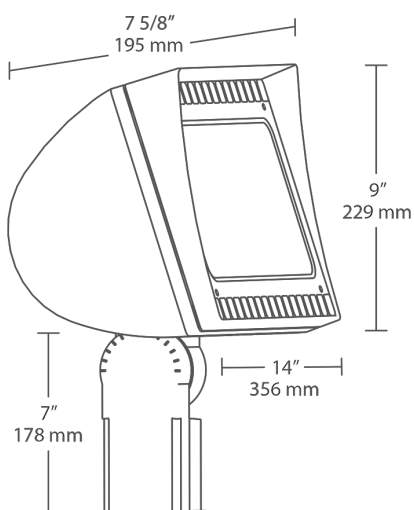
#### Patents:

The FXLED78 design is protected by U.S. Pat. D659,280, Canada Pat. 143155, China Pat. ZL201130443125.9, Mexico Pat. 36558 and pending patent in Taiwan.

#### 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

66% energy cost savings vs. HID

NEMA Type - 6H x 6V

"Air-Flow" technology heat dissipation

100,000-hour LED lifespan

5-Year, No-Compromise Warranty

## Ordering Matrix

| Family | Wattage                                            | Mounting                        | Color Temp                                                | Finish                      | Driver                                                                    | Options                                                                                                  | Other Option                            |
|--------|----------------------------------------------------|---------------------------------|-----------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------|
| FXLED  | 78                                                 | SF                              |                                                           | W                           | /480                                                                      |                                                                                                          |                                         |
|        | 78 = 78W<br>105 = 105W<br>125 = 125W<br>150 = 150W | SF = Slipfitter<br>T = Trunnion | Blank = 5000K Cool<br>N = 4000K Neutral<br>Y = 3000K Warm | Blank = Bronze<br>W = White | Blank = Standard<br>/D10 = 0-10V Dimming<br>/BL = Bi-Level<br>/480 = 480V | Blank = No Option<br>/LC = Lightcloud® Controller<br>/PCT = 100-277V Twistlock<br>/PCT4 = 480V Twistlock | Blank = Standard<br>USA = BAA Compliant |