



Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	78W
120V	0.67A	Color Temp	5100K (Cool)
208V	0.44A	Color Accuracy	72 CRI
240V	0.38A	L70 Lifespan	100,000 Hours
277V	0.29A	Lumens	8,920 lm
Input Watts	80.5W	Efficacy	110.8 lm/W

# **Technical Specifications**

### Compliance

## UL Listed:

Suitable for wet locations

#### IESNA LM-79 & 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 on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

DLC Product Code: P5CFR4C2

#### **Performance**

#### Lifespan:

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

## Wattage Equivalency:

Equivalent to 250W Metal Halide

## **LED Characteristics**

#### LEDs:

6x13W 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 Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

## Construction

#### **Cold Weather Starting:**

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

#### **Maximum Ambient Temperature:**

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

#### Housing

Precision die-cast aluminum housing and door frame

## Lens:

Prismatic polycarbonate lens

#### Reflector:

Specular vacuum-metallized polycarbonate

### Gaskets:

High-temperature silicone

#### Finish

Formulated for high durability and long-lasting color

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Installation

## Mounting:

Pendant provided by others. Threads are 1/2 inch NPS. Stem insertion depth not to exceed 5/8 inch. Lock screw provided on fixture.

## Other

## GPLED78 with Bi-Level Operation:

Allows 33%-66%-100% output modes

#### Patents:

The design of GPLED78 is protected by patents pending in US, Canada, China, Taiwan and Mexico

#### 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.



# **Technical Specifications (continued)**

## **Electrical**

#### Driver:

Driver: Constant Current, Class 2, 120V-277V, 50/60 Hz, 6kv Surge Protection, 120V: 0.67A, 208V: 0.44A, 240V: 0.38A, 277V: 0.29A

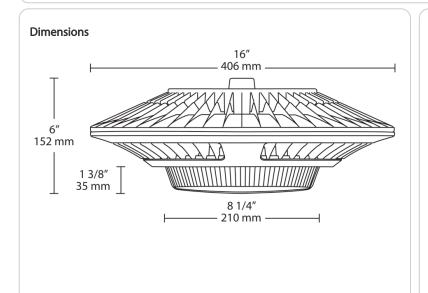
#### THD:

2.59% at 120V, 8.31% at 277V

#### **Power Factor:**

**GPLED** 

99.9% at 120V, 96.4% at 277V



## **Features**

Low-profile design Ideal for Parking Garages

78W Replaces 250W MH Luminaires

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

Up to 25% Reduction in Fixture Count

Lock screw provided for pendant mount

Ordering N	Matrix		
Family	Wattage	Color Temp	Back Box

**52** = 52W **Blank** = 5000K Cool **Blank** = No Backbox **Blank** = Bronze **78** = 78W **N** = 4000K Neutral **BB** = Back Box **W** = White **Y** = 3000K Warm

**Finish** 

W

Blank = No Option /D10 = 0-10V Dimming /480 = 480V /480/D10 = 480V w/0-10V Dimming /BL = Bi-Level

Driver

/BL

Need help? Tech help line: **(888) 722-1000** Email: **techsupport@rablighting.com** Website: **www.rablighting.com**Copyright © 2025 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice