

Project:	Туре:
Prepared By:	Date:

Driver Info	)	LED Info			
Type	Constant Current	Watts	28W		
120V	0.24A	Color Temp	4000K (Neutral)		
208V	0.14A	Color Accuracy	83 CRI		
240V	012A	L70 Lifespan	100,000 Hours		
277V	0.11A	Lumens	4,143 lm		
Input Watts	28.5W	Efficacy	145.4		

# **Technical Specifications**

### Compliance

### UL Listed:

Suitable for Wet Locations. Covered Ceiling Mount Only.

### IP Rating:

Ingress protection rating of IP66 for dust and water

### **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.

DLC Product Code: PHBM7T41 (DLC Premium: Stairwell and Passageway Luminaires)
DLC Product Code: S-WZGKLC (DLC Standard: Canopy Lighting)

### **Electrical**

#### Driver:

Class 2, Constant Current, 120-277V, 50-60Hz, 120V: 0.24A, 208V: 0.14A, 240V: 0.12A, 277V: 0.11A

## **Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

### THD:

8.69% at 120V, 9.06% at 277V

#### **Power Factor:**

98.5% at 120V, 94.8% at 277V

#### Photocell:

120V Swivel photocell included. Photocell is only compatible with 120V.

### **LED Characteristics**

### LEDs:

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

#### **Color Stability:**

RAB LEDs exceed industry standards for chromatic stability

### **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

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

Suitable for use in up to 70°C (158°F)

### **Cold Weather Starting:**

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

#### Lens

Vandal-resistant polycarbonate textured opaque for low glare drop lens

### Housing:

Die-cast aluminum housing and lens frame with (4) 1/2" NPS side conduit entries and weatherproof rear wire plug and access plate

#### Mounting:

Ceiling mount to recessed junction with knockout template or directy to ceiling surface, utilizing side conduit entry points

#### Air Tight:

Housing certified Air Tight as per ASTM E283

#### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color

### Other

### 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 <a href="mailto:rableta



# **Technical Specifications (continued)**

### **Buy American Act Compliance:**

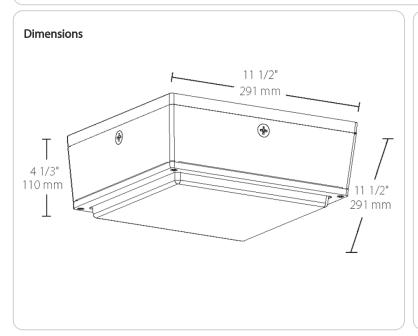
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

#### Performance

#### Wattage Equivalency:

**Ordering Matrix** 

Equivalent to 100W Metal Halide



#### **Features**

Fits the footprint of older canopy lights

Vandal resistant and UV resistant lens

Ultra-high efficiency

Clean, contemporary, low-profile design

Available with drop lens or flat lens

IP66 rated, keeps dust, bugs and water out

Photo and motion sensor options available

Family	Wattage	Color Temp	Lens-Optics	Finish	Voltage	Options
VANLED	28	N		W		/PCS
	<b>10</b> = 10W	Blank = 5000K Cool	Blank = Drop lens	Blank = Bronze	<b>Blank</b> = 120-277V, 0-10V Dimming	Blank = No Options

W = White /480 = 480V, 0-10V Dimming /E2 = Battery Backup, 120-277V only 20 = 20W N = 4000K Neutral F = Flat lens **28** = 28W **Y =** 3000K Warm FR = Frosted Drop Lens /LC = Lightcloud® Controller **40** = 40W /PCS = 120V Swivel Photocell FFR = Frosted Flat Lens **52 =** 52W /PCS2 = 277V Swivel Photocell **65 =** 65W **/PCS4** = 480V Swivel Photocell **75 =** 75W /WS = Wattstopper, 8ft /WS2 = Wattstopper, 20ft

<sup>1</sup> /MVS option not available with F and FFR lens

/MVS = Microwave Motion Sensor 1