## WP3LED83L-740U/E2

# RAB



Proje	ect:	Туре:		
Prep	ared By:	Date:		
Driver Info		LED Info		
Туре	Constant Current	Watts	55W	
120V	0.46A	Color Temp	4000K (Neutral)	
208V	0.26A	Color Accuracy	72 CRI	
240V	0.23A	L70 Lifespan	100,000 Hours	
277V	0.20A	Lumens	8,387 lm	

## Color: Bronze

Weight: 11.1 lbs

## **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 IESNAIm-79 andIm-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. Designed to meet DLC 5.1 requirements. DLC Product Code: P6N8KJ80

#### 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:** Multip-chip, high-output, long-life LEDs

### Construction

**Cold Weather Starting:** The minimum starting temperature is -30°C (-22°F)

**Maximum Ambient Temperature:** 40°C (104°F)

Housing: Die-cast aluminum

Reflector: Aluminum alloy

**Lens:** Glass

Gaskets: High-temperature silicone gaskets

Mounting: Surface mount

Finish: Formulated for high durability and long-lasting color

Green Technology: Mercury and UV free. RoHS-compliant components.

#### Electrical

Input Watts 54.4W

**Driver:** Constant Current, 120-277V, 50/60 Hz, 120V: 0.46A, 208V: 0.26A, 240V: 0.23A, 277V: 0.20A

Efficacy

154.2

#### **Dimming Driver:**

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

**THD:** 9.14% at 120V, 6.52% at 277V

**Power Factor:** 99.1% at 120V, 98.9% at 277V

Surge Protection: 4kV

Battery Backup: Battery backup will operate the LED Lamp for 90 minutes if power fails. Wired for 120V-277V.

## Other

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

## **Technical Specifications (continued)**

#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) 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 <u>rablighting.com/warranty.</u>

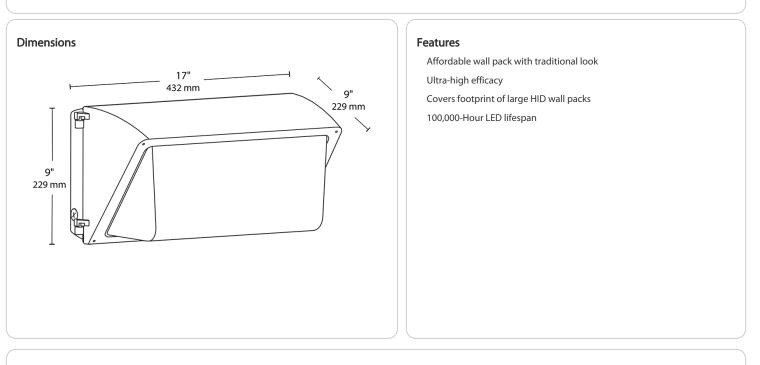
#### **Buy American Act Compliance:**

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.

#### Optical

BUG Rating:

B1 U4 G5



#### **Ordering Matrix**

Family	Lumen Pack Wattage	CRI/Color Temp	Finish	Voltage	Options
WP3LED	83L	- 740		U	/E2
	<b>75L</b> = 7500lm, 51W <b>83L</b> = 8300lm, 55W <b>93L</b> = 9300lm, 65W <b>150L</b> = 15,000lm, 100W	<b>750 =</b> 70 CRI, 5000K <b>740 =</b> 70 CRI, 4000K <b>730 =</b> 70 CRI, 3000K	Blank = Bronze W = White	U = 120-277V, 0-10V Dimmimg H = 480V, 0-10V Dimming	Blank = No Options /PCU = 120-277V Button Photocell /PCS = 120V Swivel Photocell /PCS2 = 208V-277V Swivel Photocell /PCS4 = 480V Swivel Photocell /MVS = Microwave Motion Sensor /LC = Lightcloud® Controller /E2 = 120-277V Battery Backup

Need help? Tech help line: (888) 722-1000 Email: sales@rablighting.com Website: www.rablighting.com

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