## WP3LED83L-730WU/PCS2

# RAB



Proje	ect:	Туре:		
Prepared By:		Date:		
Driver Info		LED Info		
Туре	Constant Current	Watts	55W	
120V	0.46A	Color Temp	3000K (Warm)	
208V	0.26A	Color Accurac	y 72 CRI	
240V	0.23A	L70 Lifespan	100,000 Hours	
277V	0.20A	Lumens	8,520 lm	
Input Wa	atts 53.4W	Efficacy	159.6	

## **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 and Im-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: P63LQ100

#### 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

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

#### Dimming Driver:

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

**THD:** 8.87% at 120V, 5.59% at 277V

**Power Factor:** 99% at 120V, 98.9% at 277V

Surge Protection: 4kV

Photocell: 277V Swivel photocell included. Photocell is compatible with 208V-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>

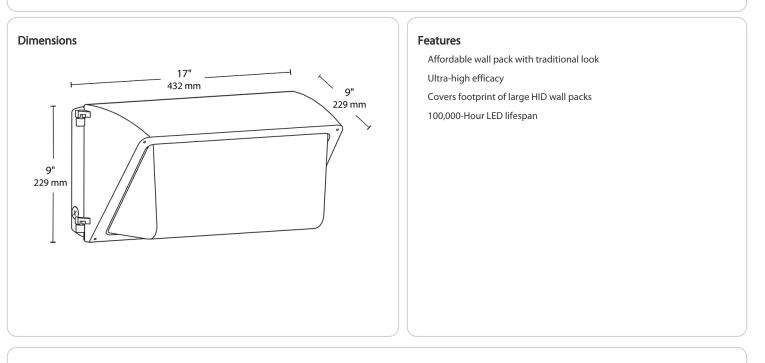
#### Buy American Act Compliance:

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	- 730	) W	U	/PCS2
	<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 <b>740 =</b> 70 CRI <b>730 =</b> 70 CRI	I, 4000K <b>W</b> = 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

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