

# WPLEDS and WPLEDM Field-Adjustable Wall Pack **RAB**

## WPLEDS



PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_

TYPE: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_

## WPLEDM



### KEY FEATURES

- Selectable wattages:  
WPLEDS: 13W/10W/6W WPLEDM: 32W/24W/16W
- Selectable CCT: 3000K/4000K/5000K
- Selectable on/off photocell
- Voltage ratings: 120-277V
- Comes with integrated junction box
- Suitable for wet locations for downlight application
- 5-Year, no-compromise warranty

The field-adjustable wall pack with selectable on/off photocell



### PERFORMANCE

WPLEDS	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
WATTAGE	13W			10W			6W		
INPUT WATTS	12.1W	11.6W	12W	8.8W	8.6W	8.8W	6.1W	6W	6.1W
LUMENS	1,634	1,720	1,693	1,213	1,275	1,268	833	865	868
EFFICACY	135.5	148.3	141.0	137.2	148.3	143.4	135.9	144.6	142.3
CRI	82	84	87	82	84	83	83	85	83
VOLTAGE RATING	120/277V								

WPLEDM	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
WATTAGE	32W			24W			16W		
INPUT WATTS	31.2W	29.6W	31.2W	23W	22W	22.7W	15.2W	14.8W	15.2W
LUMENS	3,862	4,151	4,009	2,962	3,267	3,068	2,020	2,144	2,118
EFFICACY	123.8	140.2	128.5	128.8	148.5	135.2	132.9	144.9	139.3
CRI	82	84	82	82	84	82	83	84	82
VOLTAGE RATING	120/277V								

### TECHNICAL SPECIFICATIONS

#### COMPLIANCE

##### UL Listed:

Suitable for wet locations (downlight application only)

##### DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at [designlights.org](http://designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

#### FIELD ADJUSTABLE

Color temperature: Selectable by 3000K/4000K/5000K (4000K default)

Selectable wattages: WPLEDS: 13W/10W/6W (10W default) & WPLEDM: 32W/24W/16W (24W default)

On/Off Photocell: Factory default- Off

# WPLEDS and WPLEDM Field-Adjustable Wall Pack **RAB**

## TECHNICAL SPECIFICATIONS

### LED CHARACTERISTICS

#### LEDs

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

#### Color Uniformity

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standards for Specifications for the Chromaticity of Solid State Lighting (SLL) Products, ANSI C78.377-2017.

#### 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.

### ELECTRICAL

#### Drivers:

Constant Current, Class 2, 120-277V, 50/60 Hz

#### WPLEDS:

**13W:** 120V: 0.05A, 208V: 0.03A, 240V: 0.03A, 277V: 0.03A

**10W:** 120V: 0.07A, 208V: 0.05A, 240V: 0.04A, 277V: 0.04A

**6W:** 120V: 0.10A, 208V: 0.07A, 240V: 0.06A, 277V: 0.05A

#### WPLEDM:

**32W:** 120V: 0.13A, 208V: 0.08A, 240V: 0.07, 277V: 0.06A

**24W:** 120V: 0.19A, 208V: 0.12A, 240V: 0.10A, 277V: 0.09A

**16W:** 120V: 0.26A, 208V: 0.16A, 240V: 0.14A, 277V: 0.12A

#### Dimming Driver:

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

#### Surge Protection

L-L 2kV, L-G 4kV

#### Note

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

#### THD/Power Factor

MODEL#	THD	PF	THD	PF
	120V		277V	
WPLEDS 13W	3.7%	99.7%	14.1%	96.0%
WPLEDS 10W	4.1%	99.5%	14.8%	93.0%
WPLEDS 6W	5.8%	98.9%	20.8%	84.0%
WPLEDM 32W	8.0%	99.5%	6.5%	96.2%
WPLEDM 24W	6.3%	99.5%	10.9%	92.9%
WPLEDM 16W	7.7%	99.0%	16.1%	87.0%

#### Emergency Light Loss Factor

WPLEDS: 0.733

WPLEDM: 0.466

#### Emergency Light Loss Factor (Cold Start Battery)

WPLEDS: 0.314

WPLEDM: 0.2

### CONSTRUCTION

#### Cold Weather Starting

Minimum starting temperature is -40°C (-40°F)

#### Maximum Ambient Temperature

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

#### Cold Weather Starting for Battery Backup

Minimum starting temperature is -0°C (-40°F)

#### Maximum Ambient Temperature for Battery Backup

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

#### Cold Weather Starting for Cold Start Battery Backup

Minimum starting temperature is -20°C (-4°F)

#### Maximum Ambient Temperature for Cold Start Battery Backup

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

#### Mounting

Integrated junction box with optional wall plate included

#### Housing Material

Aluminum

#### Finish

Formulated for high durability and long lasting color

#### Lens

Acrylic

#### Reflector

High Reflection Polycarbonate

#### Green Technology

Mercury and UV free. RoHS-compliant components.

### LIGHTCLOUD

#### Lightcloud Blue enabled Microwave Occupancy Sensor:

Lightcloud Blue is a Bluetooth Mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.

DLC system - N1XMLOEATBA

Learn more at [www.lightcloud.com](http://www.lightcloud.com)

Gateway Required: No

Communication Protocol: Bluetooth Mesh

Range: Indoor: Up to 60 feet between standard building materials. Building materials such as brick, concrete, and steel construction may require additional Lightcloud Blue devices to extend around an obstruction; Up to 200 feet clear line of sight.

Outdoor: Up to 60 feet clear line of sight; Up to 18 feet around corners

Spacing Criteria: Lightcloud Blue devices should be placed within the specified range to communicate within the Bluetooth Mesh network.

Factory Reset:

Method 1: Delete from App

Open the app and access the device settings for the paired device. Be sure that the device is online and select 'Delete'. The device will flash on/off 5 times and return to full brightness.

Method 2: Manual

Power the device off and on 5x consecutively. Do not allow less than 4s to elapse from switching off to on. Do not allow more than 2s to elapse from switching on to off. The device will flash 3x, then reset to 100% brightness at default CCT.

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## TECHNICAL SPECIFICATIONS (CONTINUED)

### LIGHTCLOUD

#### Method 3: Rapid Reset Tool

The Rapid Reset process must be done by a professional electrician qualified by RAB. Reach out to your RAB sales manager to request a Rapid Reset Tool. The tool simply needs to be placed directly on the small Lightcloud Blue logo on the device for 2s or until the lamp/luminaire flashes 3x, then resets to 100% brightness at the default CCT.

Sensor Connection Type: Pogo pin

Max Mounting Height: 50 ft.

Detection Range: 50 ft. diameter mounted at 50 ft.

Sensor Technology: Microwave (MVS)

Default Setting:

Uncommissioned State:

Motion Sensitivity: High

Brightness when triggered : 100%

Hold time: 20 minute

Standby to dim: 20%

Standby time: 1 minute

When vacant: Off

Commissioned State: Once paired, the sensor will default to disabled. Once enabled the following settings apply:

Motion Sensitivity: High

Brightness when triggered: Last on status

Hold time: 20 minute

Standby to dim: 20%

Standby time: 1 minute

When vacant: Off

Adjustable Sensor Settings?: Yes, using the Lightcloud Blue mobile app

Sensing Type: Occupancy or Vacancy (option to disable or set as an independent sensor)

Occupied Actions: On or On at a Dim Level

Vacant Actions: Off or On at a Dim Level

Occupancy Timeout: 1 minute to 240 minutes

Daylight Sensing: The sensor will determine to trigger the light(s) on or not based on the daylight threshold level set in the Lightcloud Blue mobile app. Dim levels will continuously adjust to meet daylight threshold setting.

Daylight Threshold: 150 lux to 1500 lux

### PERFORMANCE

#### Lifespan

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

#### OTHER

#### Warranty

The RAB 5-year, no-compromise warranty covers light output, color stability, driver performance, paint finish and labor. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

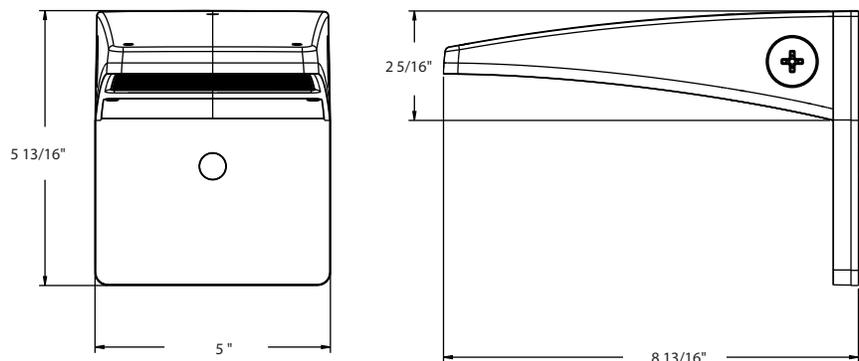
#### BUY American Act Compliance:

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

### WPLEDS

Weight: 2.09 lbs

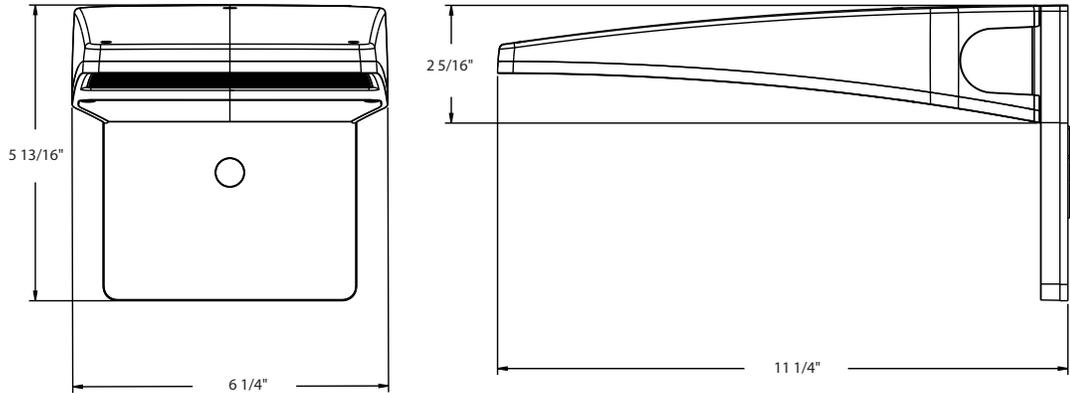


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## DIMENSIONS (CONTINUED)

### WPLEDM

Weight: 3.35 lbs



## ACCESSORIES

Image	SKU#	UPC	Description
	ARM24S	*	24" ARM FOR WPLEDS BRONZE
	ARM24SVS	*	24" SWIVEL ARM FOR WPLEDS BRONZE
	SWIVEL65S	192552044196	65° SWIVEL ARM FOR WPLEDS BRONZE
	ARM24SW	*	24" ARM FOR WPLEDS WHITE
	ARM24SVSW	*	24" SWIVEL ARM FOR WPLEDS WHITE
	SWIVEL65SW	192552044202	65° SWIVEL ARM FOR WPLEDS WHITE
	ARM24M	*	24" ARM FOR WPLEDM BRONZE
	ARM24SVM	*	24" SWIVEL ARM FOR WPLEDM BRONZE
	SWIVEL65M	192552044257	65° SWIVEL ARM FOR WPLEDM BRONZE
	ARM24MW	*	24" ARM FOR WPLEDM WHITE
	ARM24SVMW	*	24" SWIVEL ARM FOR WPLEDM WHITE
	SWIVEL65MW	192552044264	65° SWIVEL ARM FOR WPLEDM WHITE

\* No UPC assigned to the manufactured items

# WPLEDS and WPLEDM Field-Adjustable Wall Pack **RAB**

## ORDERING MATRIX

### WPLED

Family	Size/Wattage	Mounting	Color Temperature	Finish	Driver	Options
<b>WPLED</b>						
S	Small (13/10/6W) Selectable	<b>BLANK</b>	<b>BLANK</b>	<b>BLANK</b>	<b>BLANK</b>	<b>BLANK</b>
M	Medium (32/24/16W) Selectable	Integrated Junction Box; wall plate included	3000K/4000K/5000K Selectable CCT	W Bronze White	120-277V, 0-10V Dimming	Integrated Photocell Battery Backup Cold Emergency /EC /LCBS/MVS * Lightcloud Blue w/Microwave Occupancy Sensor /LCBS/MVS/E * Lightcloud Blue w/Microwave Occupancy Sensor / Battery Backup LCBS/MVS/EC * Lightcloud Blue w/Microwave Occupancy Sensor / Cold Emergency

\* Available on medium fixture only