# SLIM18Y/D10

**RAB** LIGHTING

| Project: | Type: |
|---|---|
| **Prepared By:** | **Date:** |

### Driver Info

| | | ### LED Info | |
|---|---|---|---|
| Type: | Constant Current | Watts: | 18W |
| 120V: | 0.18A | Color Temp: | 3000K (Warm) |
| 208V: | 0.09A | Color Accuracy: | 82 CRI |
| 240V: | 0.09A | L70 Lifespan: | 100,000 |
| 277V: | 0.08A | Lumens: | 1,759 |
| Input Watts: | 20W | Efficacy: | 86 LPW |
| Efficiency: | 88% | | |

12, 18 and 26 Watt SLIM wallpacks are ultra efficient and deliver impressive light distribution with a compact low-profile design that's super easy to install as a downlight or uplight.

Color: Bronze          Weight: 4.5 lbs

## Technical Specifications

### Other

**SLIM18 with Dimmable Driver:**

Driver includes dimming control for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

**HID Replacement Range:**

The SLIM18 can be used to replace 100W MH based on delivered lumens.

**Buy American Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

**Recovery Act (ARRA) Compliant:**

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

**Trade Agreements Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

**GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

**California Title 24:**

SLIM18 complies with 2013 California Title 24 building and electrical codes as a residential outdoor fixture. See SLIM18/PC for a model that complies as a commercial outdoor non-pole-mounted fixture__≤__30 Watts.

**Patents:**

The design of the SLIM™ is protected by patents in U.S. Pat D681,864, and pending patents in Canada, China, Taiwan and Mexico.

### Listings

**UL Listing:**

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

**ADA Compliant:**

SLIM™ is ADA Compliant.

**Dark Sky Approved:**

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

**IESNA LM-79 & LM-80 Testing:**

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

### Construction

**IP Rating:**

Ingress Protection rating of IP66 for dust and water.

**Cold Weather Starting:**

The minimum starting temperature is -40°F/-40°C.

**Ambient Temperature:**

Suitable for use in 40°C (104°F) ambient temperatures.

**Thermal Management:**

Superior heat sinking with internal Air-Flow fins.

**Housing:**

Precision die-cast aluminum housing.

**Mounting:**

Heavy-duty mounting bracket with hinged housing for easy installation.

**Recommended Mounting Height:**

Up to 14 ft.

**Lens:**

Tempered glass lens.

**Reflector:**

Specular thermoplastic.

**Gaskets:**

High-temperature silicone.

**Finish:**

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

**Green Technology:**

Mercury and UV free, and RoHS compliant.

### LED Characteristics

**LED:**

Multi-chip, long-life LED.

**Lifespan:**

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

## Technical Specifications (continued)

### LED Characteristics

**Color Consistency:**

3-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 CCT over a 5 year period.

**Color Uniformity:**

RAB's range of CCT (Correlated Color Temperature) follows the guidelines for the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

### Electrical

**Driver:**

Constant Current, Class 2, 100-277V, 50/60 Hz., 4KV surge protection, 500mA, 100-240VAC 0.3-0.15 Amps, 277VAC 0.15 Amps, Power Factor 99%.
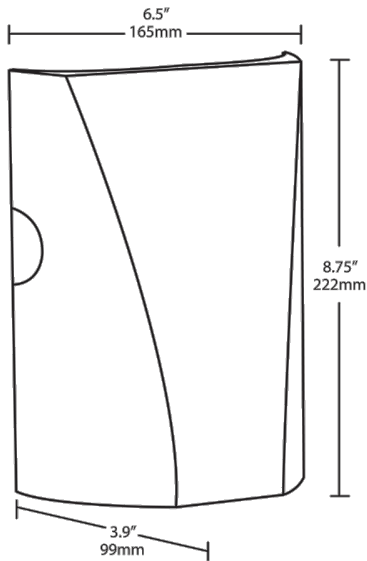
**THD:**

10.8% at 120V

### Optical

**BUG Rating:**

B1 U0 G0

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### Dimensions



6.5″
165mm

8.75″
222mm

3.9″
99mm

### Features

Full cutoff, fully shielded LED wallpack

Can be used as a downlight or uplight

Contractor friendly features for easy installation

100,000-hour LED Life

5-Year Warranty

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### Ordering Matrix

| Family | Watts | Color Temp | Finish | Photocell | Dimming |
|--------|-------|-----------|--------|-----------|---------|
| SLIM | | | | | |
| | **26** = 26W | = Cool | = Bronze | = No Photocell | = No Dimming |
| | **18** = 18W | **Y** = Warm | **W** = White | **/PC** = 120V Button | **/D10** = Dimmable |
| | **12** = 12W | **N** = Neutral | | **/PC2** = 277V Button | |