

Project:

Type:

Prepared By:

Date:



UPC: 192552017961

Features and Benefits

- 5 color temperatures in 1 SKU (3000/3500/4000/5000/6500K)
- Ballast Bypass-Install directly to line voltage
- Frosted diffuser eliminates glare and pixelation
- Rated for use in enclosed and open fixtures in dry or damp locations
- 5-Year, No-Compromise Warranty

Technical Specifications

Performance

Product Type:

PLL Bypass

Description:

PLL (Long) 4-Pin compact fluorescent replacements with CCT-Adjustability

Wattage Equivalency:

40W CFL

Input Wattage:

17W

Nominal Lumens:

2050/2150/2200/2200/2300

Efficacy:

128.8/128.8/139/139/131.4

L70 Lifespan:

50,000-Hour LED lifespan based on IES LM-70 results

Electrical

Driver:

Constant Current; 120-277V; 50/60 Hz 120V: 145mA, 208V: 91mA, 240V: 79mA, 277V: 68mA

THD:

<20%

Power Factor:

0.9

Dimmable:

Yes, dimmable down to 10% on compatible TRIAC/ELV dimming systems. See Dimmer Compatibility List.

Input Voltage:

120-277V

Operating Frequency:

50/60Hz

Operating Temperature:

-4°F to 113°F (-20°C to 45°C)

Flicker:

50%

LED Characteristics

Beam Angle:

140°

Color Temperature:

Field adjustable via dip switch  
3000K/3500K/4000K/5000K/6500K

Color Accuracy (CRI):

>80 CRI

R9 Value:

High color performance with R9 greater than 0

Color Consistency:

<7-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 color temperature over a 5-year period

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.



## Technical Specifications (continued)

### Installation

#### Installation Method:

UL Type B, Ballast Bypass

#### Installation Orientation:

Universal Installation

#### Base Type:

2G11

### Construction

#### Shape:

PLL

#### Finish:

White

#### Endcap Material:

Copper

#### Enclosure Material:

Polycarbonate

#### Lens Finish:

Frosted

### Compliance

#### Listings:

UL Classified, UL Recognized

#### Environment:

Suitable for use indoors in dry and damp environments.

#### Fixture Rating:

Suitable for use in enclosed fixtures.  
Suitable for use in open fixtures.

#### Energy Star Approved:

No

#### DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

#### Certification Model Number:

T20109(PLL-17-8FA-BYP)

#### California Title 20 Compliant:

No

#### California Title 24 JA8 Compliant:

No

#### California Energy Commission (CEC) Status:

Not Lawful for Sales in California

#### NSF Listed:

Meets NSF/ANSI standards for use in Food Zone (non-contact), Splash, and Non-Food Zones. Tube guard required in open fixtures.

#### 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.

#### RoHS:

Mercury and UV free. RoHS-compliant components.

#### FCC:

Complies with Part 15 of the FCC Rules

### Other

#### 5-Year, No-Compromise 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 [rablighting.com/warranty](http://rablighting.com/warranty).

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	12	24.68	6.57	4.65
PALLET	1	47.24	39.37	45.28

Dimension

