# PLL-8-8FA-BYP

**RAB**

| Project: | Type: | Prepared By: | Date: |
|---|---|---|---|
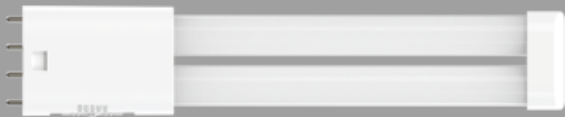
UPC: 192552017930

## 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:**
18W CFL

**Input Wattage:**
8.5W

**Nominal Lumens:**
800/850/900/900/950

**Efficacy:**
127/127/138.4/138.4/132.8

**L70 Lifespan:**
50,000-Hour LED lifespan based on IES LM-70 results

### Electrical

**Driver:**
Constant Current; 120-277V; 50/60 Hz 120V: 75mA, 208V: 43mA, 240V: 38mA, 277V: 32mA

**THD:**
<20%

**Power Factor:**
0.9

**Dimmable:**
No

**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.

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

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## 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:**
No

**Certification Model Number:**
T20106(PLL-8-8FA-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

**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.

**RAB**®

## Case and Pallet Dimensions

|  | QTY | LENGTH (in) | WIDTH (in) | HEIGHT (in) |
|---|---|---|---|---|
| CASE | 12 | 11.81 | 6.57 | 4.65 |
| PALLET | 2 | 47.24 | 39.37 | 45.28 |

## Dimension