

Project:

Type:

Prepared By:

Date:



UPC: 192552017855

Features and Benefits

- 4 color temperatures in 1 SKU (2700/3000/3500/4000K)
- Bypass versions replace 7W-13W CFL lamps with 2G7 & 2GX7 bases
- Ballast Bypass-Install directly to line voltage
- Frosted diffuser eliminates glare and pixelation
- 5-Year, No-Compromise Warranty

Technical Specifications

Performance

Product Type:

PLS Bypass

Description:

PLS (Short) 2-Pin & 4-Pin compact fluorescent replacements with CCT-Adjustability

Wattage Equivalency:

13W CFL

Input Wattage:

5.5W

Nominal Lumens:

580/590/600/620

Efficacy:

119.2/125.0/135.1/130.7

L70 Lifespan:

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

Electrical

Driver:

Constant Current; 120-277V; 50/60 Hz 120V: 50mA, 208V: 29mA, 240V: 25mA, 277V: 22mA

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:

120°

Color Temperature:

Field adjustable via dip switch
2700/3000/3500/4000K

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:

Horizontal

Base Type:

2GX7

Construction**Shape:**

PLS

Finish:

White

Endcap Material:

Copper

Enclosure Material:

Polycarbonate

Lens Finish:

Frosted

Compliance**Environment:**

Suitable for use indoors in dry and damp environments.

Fixture Rating:

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

Certification Model Number:

T20098(PLS-5.2-H-8FA-BYP-2GX7)

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.

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	12	7.8	5.71	3.39
PALLET	6	47.24	39.37	51.18

Dimension

