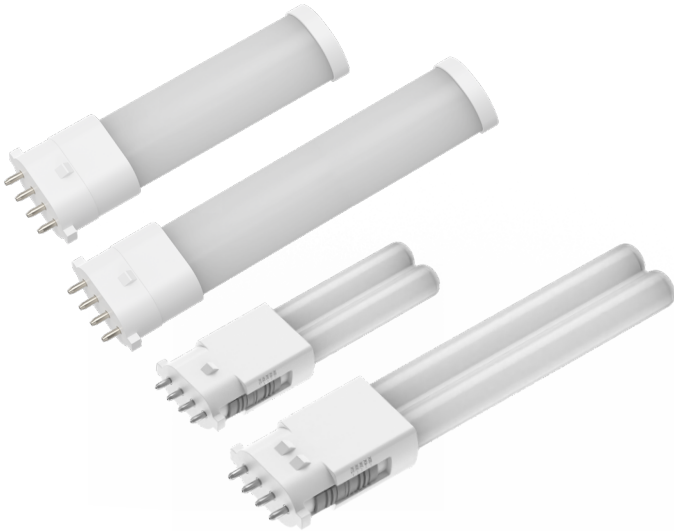


PLS Lamp 4-Pin - CCT-Adjustable



PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



KEY FEATURES

- Field-selectable color temperature by dip switch — 2700/3000/3500/4000/5000K on omnidirectional models, 2700/3000/3500/4000K on horizontal models
- Replaces 7W to 13W CFL lamps with G23 and GX23 2-pin bases
- Ballast bypass — wires directly to line voltage, 120-277V
- Rated for use in enclosed fixtures in dry or damp locations
- Frosted diffuser eliminates glare and pixelation
- 5-Year, No-Compromise Warranty

7W/9W/13W CFL Replacement, 4-Pin 2G7/2GX7, UL Type B, Horizontal or Omnidirectional



PERFORMANCE

Catalog Number	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Beam Angle	Color Temperature	L70 Lifespan	Base Type
PLS-3-O-8FA-BYP-2G7	9W CFL	3W	400/420/430/450/450	133 lm/W	360°	Field adjustable via dip switch 2700/3000/3500/4000/5000K Default: 4000K	50,000 hrs	2G7
PLS-5-O-8FA-BYP-2GX7	11W CFL	5.5W	700/720/730/750/750	127 lm/W				2GX7
PLS-3.5-H-8FA-BYP-2G7	9W CFL	3.5W	380/400/420/400	114 lm/W	180°	Field adjustable via dip switch 2700/3000/3500/4000K Default: 4000K		2G7
PLS-5.2-H-8FA-BYP-2GX7	11W CFL	5.5W	620/660/680/680	119 lm/W				2GX7

PERFORMANCE (CONT)

Catalog Number	Lamp Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
PLS-3-O-8FA-BYP-2G7	3W	2700	133 lm/W	400 lm	7-9W CFL
		3000	140 lm/W	420 lm	
		3500	143 lm/W	430 lm	
		4000	150 lm/W	450 lm	
		5000	150 lm/W	450 lm	
PLS-5-O-8FA-BYP-2GX7	5W	2700	127 lm/W	700 lm	9-13W CFL
		3000	131 lm/W	720 lm	
		3500	133 lm/W	730 lm	
		4000	136 lm/W	750 lm	
		5000	136 lm/W	750 lm	
PLS-3.5-H-8FA-BYP-2G7	3.3W	2700	117 lm/W	380 lm	9W CFL
		3000	123 lm/W	400 lm	
		3500	129 lm/W	420 lm	
		4000	123 lm/W	400 lm	
PLS-5.2-H-8FA-BYP-2GX7	5.2W	2700	119 lm/W	620 lm	11W CFL
		3000	127 lm/W	660 lm	
		3500	131 lm/W	680 lm	
		4000	131 lm/W	680 lm	

PLS Lamp 4-Pin - CCT-Adjustable



TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type

PLS CCT Adjustable, Type B

Shape

PLS

Endcap Material

Copper

Lamp Enclosure Material

Polycarbonate

Finish

White

Lens Finish

Frosted

INSTALLATION

Installation Method

Remove or bypass the existing ballast and wire the socket directly to line voltage, 120-277V. This lamp will not operate on a ballast.

Installation Orientation

Universal on PLS-x-O omnidirectional models · Horizontal on PLS-x-H models

Base Type

2G7 4-pin or 2GX7 4-pin

ELECTRICAL

Operating Frequency

50/60 Hz

Driver

Constant Current; 120-277V; 50/60 Hz

Catalog Number	Input Current (mA)			
	120V	208V	240V	277V
PLS-3-O-8FA-BYP-2G7	30	14	13	11
PLS-5-O-8FA-BYP-2GX7	50	26	23	20
PLS-3.5-H-8FA-BYP-2G7	30	19	16	14
PLS-5.2-H-8FA-BYP-2GX7	50	29	25	22

Operating Temperature

-4°F to 113°F (-20°C to 45°C)

THD

20%

Power Factor

0.9

Flicker

50%

LED CHARACTERISTICS

Beam Angle

360° (Omni); 120° (Horizontal)

Color Temperature

Default: 4000K

Field adjustable via dip switch 2700/3000/3500/4000/5000K*

*Horizontal models do not include 5000K option

Color Accuracy (CRI)

>80

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 warranted 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.

COMPLIANCE

Listings

UL Classified, UL Recognized

Environment

Suitable for use indoors in dry and damp environments.

Fixture Rating

Suitable for use in enclosed fixtures

California Title 24 JA8 Compliant

Can be used to conform with the requirements of California Title 24 Part 6.

*Select models

California Energy Commission (CEC) Status

Lawful for Sale 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.

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.

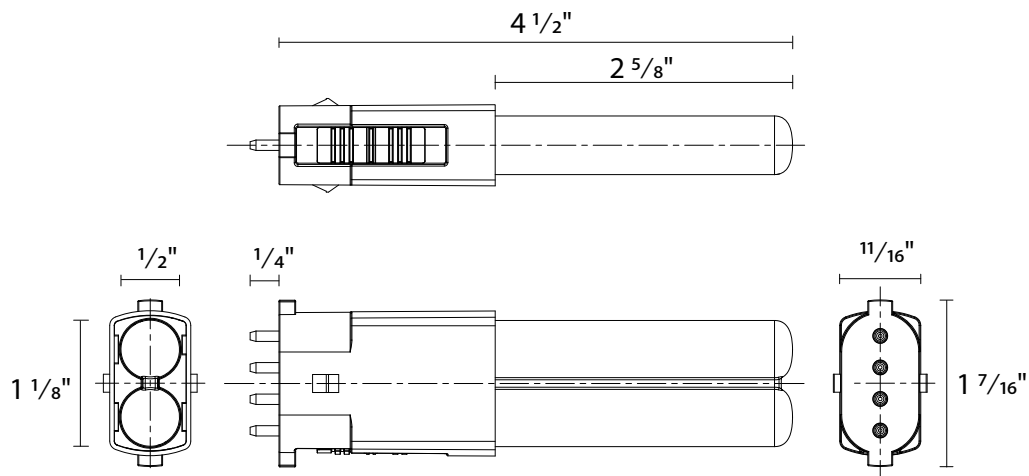
PLS Lamp 4-Pin - CCT-Adjustable

RAB

DIMENSIONS

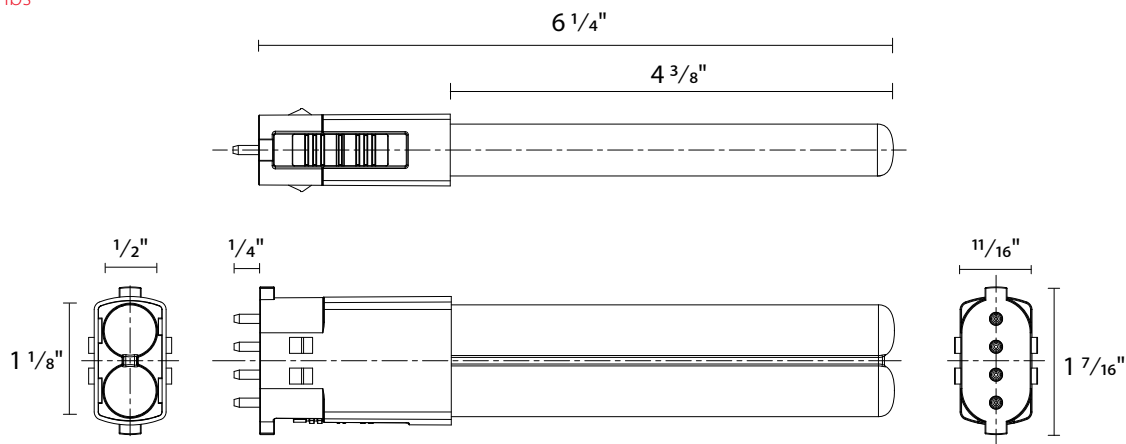
PLS-3-O-8FA-BYP-2G7

Weight: 0.07 lbs



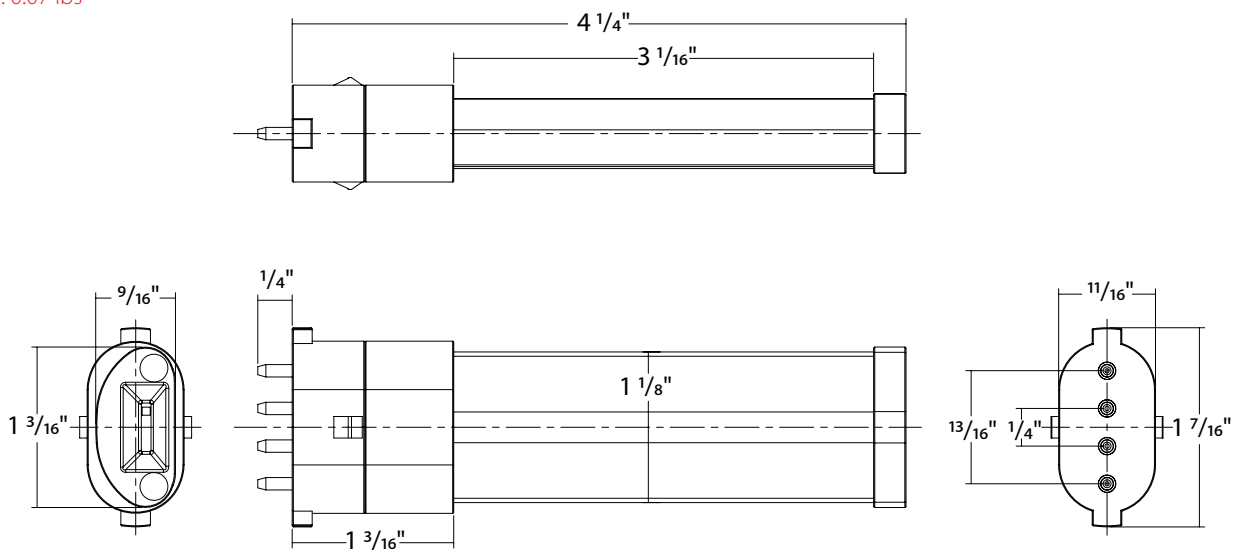
PLS-5-O-8FA-BYP-2GX7

Weight: 0.08 lbs



PLS-3.5-H-8FA-BYP-2G7

Weight: 0.07 lbs



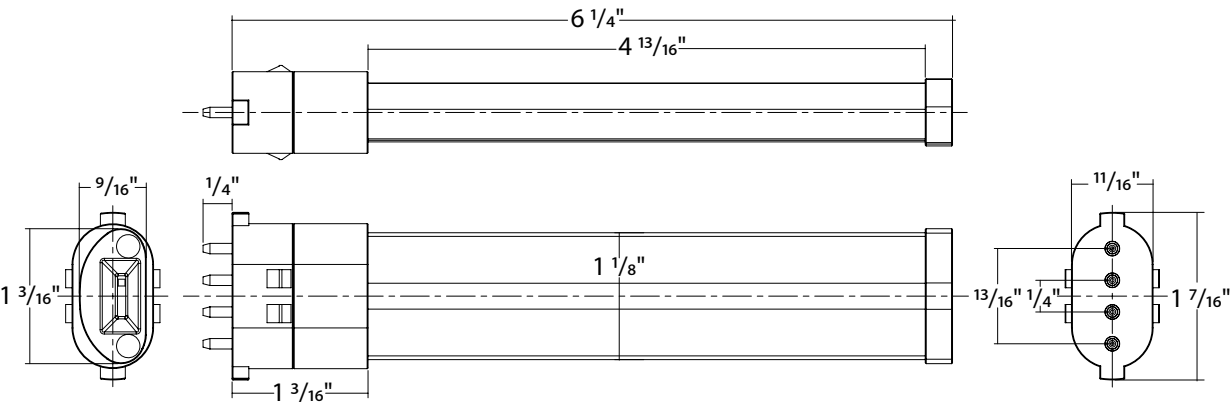
PLS Lamp 4-Pin - CCT-Adjustable



DIMENSIONS

PLS-5.2-H-8FA-BYP-2GX7

Weight: 0.08 lbs



ORDERING INFO

Catalog Number	UPC	Case Pack
PLS-3-O-8FA-BYP-2G7	192552062329	12
PLS-5-O-8FA-BYP-2GX7	192552062336	12
PLS-3.5-H-8FA-BYP-2G7	192552017848	12
PLS-5.2-H-8FA-BYP-2GX7	192552017855	12

ORDERING MATRIX

Family	Wattage	Orientation	CRI/Color Temp	Installation Type	Base
PLS			8FA		
	3 3W	O Omnidirectional*	80CRI, CCT-Adjustable	BYP Type B, Ballast Bypass	2G7 2G7
	5 5W	H Horizontal**			2GX7 2GX7
	3.5 3.5W				
	5.2 5.2W				

* 3/5W are omnidirectional orientation
** 3.5/5.5W are horizontal orientation