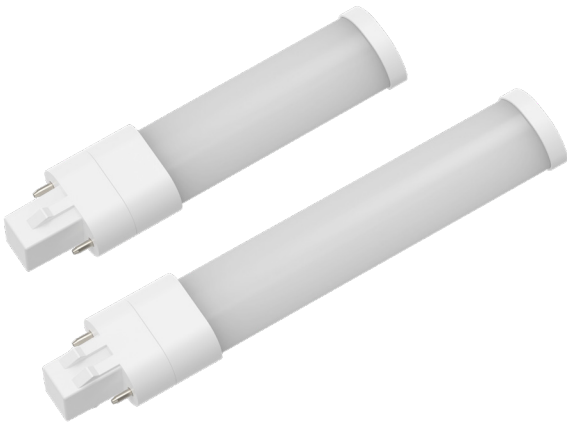


PLS Lamp - CCT-Adjustable



PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



7W/9W/13W CFL Replacement, 2-Pin G23/GX23, Hybrid A/B, Horizontal



KEY FEATURES

- 4 color temperatures in 1 SKU (2700/3000/3500/4000K)
- Bypass versions replace 7W-13W CFL lamps with G23 and GX23 bases
- Ballast Bypass – Install directly to line voltage
- Compatible with G24d / GX24d & G24q / GX24q installations
- 5-Year, No-Compromise Warranty

PERFORMANCE

Catalog Number	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Color Temperature	Lifespan	Installation	Base type
PLS-3.5-H-8FA-HYB-G23	7-9W CFL	3.5W	389-392-428-426	113.7/114.6/127.0/123.8	Field adjustable via dip switch 2700/3000/3500/4000K	50,000 hrs	Horizontal	G23
PLS-5.2-H-8FA-HYB-GX23	13W CFL	5.5W	628-659-696-690	119.2/125.0/135.1/130.7				GX23

PERFORMANCE (CONT)

Catalog Number	Lamp Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
PLS-3.5-H-8FA-HYB-G23	3.3W	2700	117 lm/W	380 lm	11
		3000	123 lm/W	400 lm	
		3500	129 lm/W	420 lm	
		4000	129 lm/W	420 lm	

Catalog Number	Lamp Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
PLS-5.2-H-8FA-HYB-GX23	5.2W	2700	119	620	11
		3000	125	650	
		3500	131	680	
		4000	131	680	

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type

PLS Lamps with CCT Adjustability

Shape

PLS

Endcap Material

Copper

Lamp Enclosure Material

Polycarbonate

Finish

White

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

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

ELECTRICAL

Dimmable

No

Driver

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

Input Voltage

120-277V

Operating Frequency

50/60 Hz

Operating Temperature

-4°F to 113°F (-20°C to 45°C)

THD

<20%

Power Factor

0.9

Flicker

0.5

INSTALLATION

Installation Method

Type A Installation:

Install with compatible magnetic ballast

Type B Installation:

Bypass ballast and wire socket directly to line voltage

Installation Orientation

Horizontal

Base Type

G23 - 3.5W

GX23 - 5.2W

Compatible Sockets

G23, GX23

LED CHARACTERISTICS

Beam Angle

120°

Color Temperature

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

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.

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.

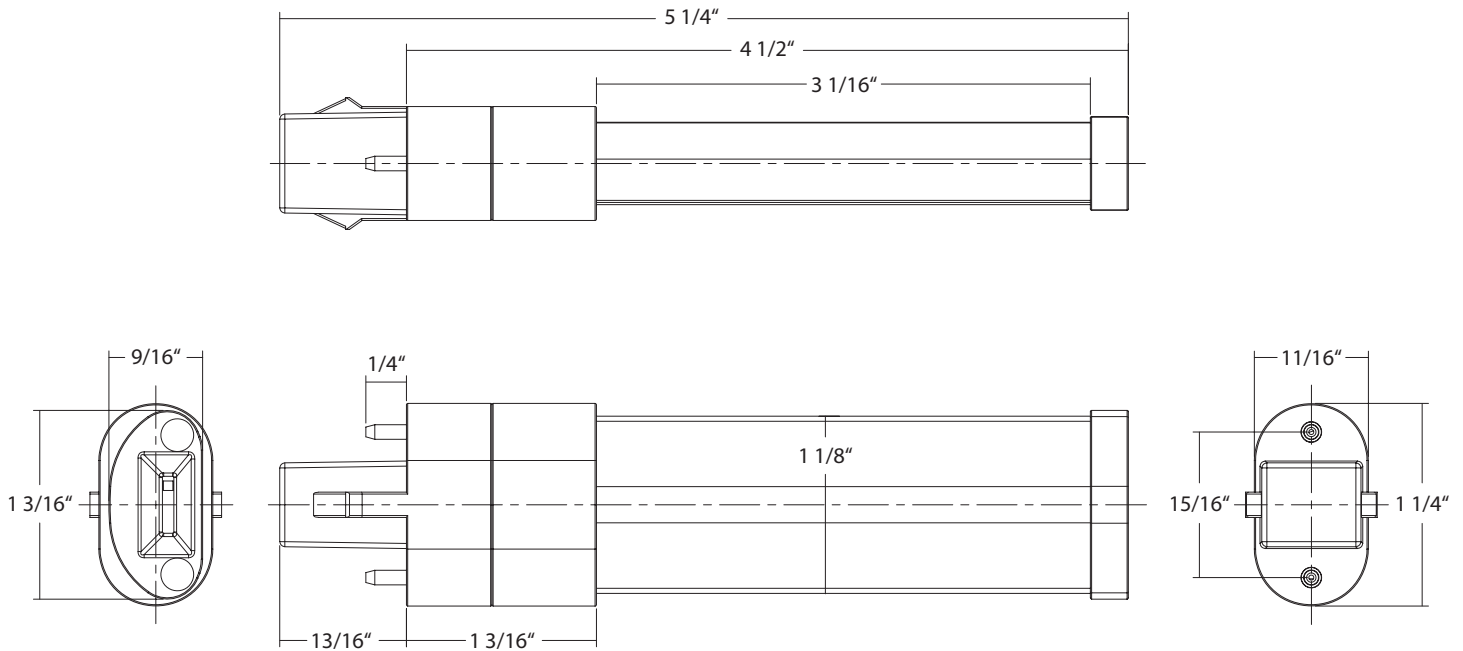
PLS Lamp - CCT-Adjustable



DIMENSIONS

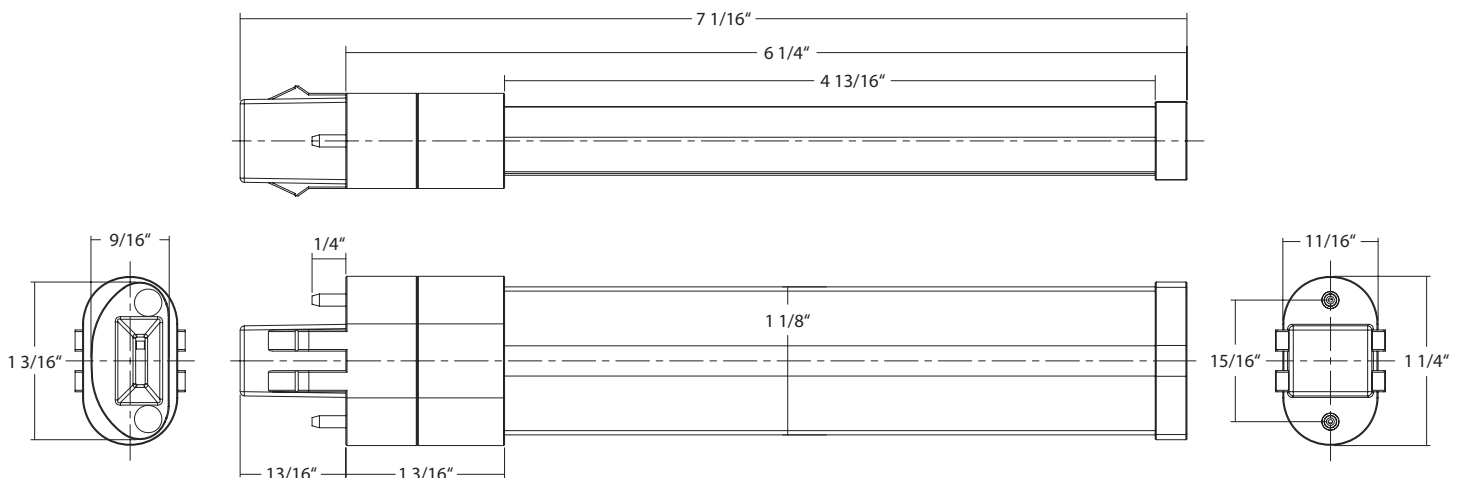
PLS-3.5-H-8FA-HYB-G23

Weight: 0.07 lbs



PLS-5.2-H-8FA-HYB-GX23

0.08 lbs



PLS Lamp - CCT-Adjustable



ORDERING INFO

Catalog Number	Model Number	UPC	Case Pack
PLS-3.5-H-8FA-BYP-2G7	T20097(PLS-3.5-H-8FA-BYP-2G7)	192552017848	12
PLS-5.2-H-8FA-BYP-2GX7	T20098(PLS-5.2-H-8FA-BYP-2GX7)	192552017855	12
PLS-3.5-H-8FA-HYB-G23	T20099(PLS-3.5-H-8FA-HYB-G23)	192552017862	12
PLS-5.2-H-8FA-HYB-GX23	T20100(PLS-5.2-H-8FA-HYB-GX23)	192552017879	12

ORDERING MATRIX

Family	Wattage	Orientation	CRI/Color Temp	Installation Type	Base
PLS	-	-	-	-	-
	3.5 3.5W 5.3 5.2W	H Horizontal	8FA 80CRI, 2700/3000/3500/4000K	BYP HYB Ballast Bypass* Hybrid**	2G7 2G7 2GX7 2GX7 G23 G23 GX23 GX23

*BYP lamps only available with 2G7 or 2GX7 base.
**HYB lamps only available with G23 or GX23 base.

DIMMER COMPATIBILITY LIST

Visit www.rablighting.com for periodic updates to this list or contact us at 888-722-1000 for questions or comments.

Dimmers		Compatibility Status				
		Ballast work on 120/277V				
		Lamp Quantities				Type
Dimmer Brand	Dimmer Model	1	2	3	4	
Keystone	CC1322MTP	Only 120V /OK	NA	NA	NA	MAGETIC
Sola	FCF-13-TP	Only 120V /OK	NA	NA	NA	MAGETIC
Philips	LC-13-TP	Only 120V/ OK	NA	NA	NA	MAGETIC
Philips	LO-13-22	Only 120V/ OK	NA	NA	NA	MAGETIC
Pobertson	S1P(3P1083)	Only 120V /OK	NA	NA	NA	MAGETIC