

PLL CCT-Adjustable Type A+B



18W/24W/36W/40W/55W CFL Replacement, 4-Pin 2G11, Hybrid A/B, Horizontal Orientation



FIELD
ADJUSTABLE



80 CRI



50,000
HOURS



DAMP
RATED



ENCLOSED
FIXTURE RATING



120-277V



TYPE A+B

PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



KEY FEATURES

- 6 color temperatures in 1 SKU — 2700/3000/3500/4000/5000/6500K, set by dip switch
- 360° omnidirectional light output
- Replaces 18W to 55W CFL lamps with 4-Pin 2G11 bases
- Hybrid installation — works with an existing ballast or wired directly to line voltage
- Dimmable to 10% — 0-10V in Type A, TRIAC/ELV in Type B
- Rated for use in enclosed and opn fixtures in dry or damp locations
- 5-Year, No-Compromise Warranty

PERFORMANCE

Catalog Number	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Dim Type	Color Temperature	CRI	L70	Installation Orientation
PLL-8-8FA-HYB-2G11	18W CFL	8.5W	1000/1050/1100/1100/1050	125/131/137/137/131	0-10V (Type A); TRIAC/ELV (Type B)	Default: 4000K Field adjustable via dip switch 2700/3000/3500/ 4000/5000/6500K	≥80	50,000 Hrs	Horizontal
PLL-10-8FA-HYB-2G11	24W CFL	10W	1250/1300/1350/1350/1300	125/130/135/135/130					
PLL-14-8FA-HYB-2G11	36W CFL	14W	1850/1900/2000/2000/1900	132/136/143/143/136					
PLL-15-8FA-HYB-2G11	42W CFL	15W	2100/2150/2300/2300/2200	140/143/153/153/147					
PLL-22-8FA-HYB-2G11	55W CFL	22W	2900/3100/3200/3200/3100	145/155/160/160/155					

PERFORMANCE (CONT)

Catalog Number	Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
PLL-8-8FA-HYB-2G11	8.5W	2700	125 lm/W	1,000 lm	18W CFL
		3000	131 lm/W	1,050 lm	
		3500	137 lm/W	1,100 lm	
		4000	137 lm/W	1,100 lm	
		5000	131 lm/W	1,050 lm	
		6500	133 lm/W	1,100 lm	
PLL-10-8FA-HYB-2G11	10W	2700	125 lm/W	1,250 lm	24W CFL
		3000	130 lm/W	1,300 lm	
		3500	135 lm/W	1,350 lm	
		4000	135 lm/W	1,350 lm	
		5000	130 lm/W	1,300 lm	
		6500	132 lm/W	1,350 lm	
PLL-14-8FA-HYB-2G11	14W	2700	132 lm/W	1,850 lm	36W CFL
		3000	136 lm/W	1,900 lm	
		3500	143 lm/W	2,000 lm	
		4000	143 lm/W	2,000 lm	
		5000	136 lm/W	1,900 lm	
		6500	141 lm/W	2,000 lm	
PLL-15-8FA-HYB-2G11	15W	2700	140 lm/W	2,100 lm	42W CFL
		3000	143 lm/W	2,150 lm	
		3500	153 lm/W	2,300 lm	
		4000	153 lm/W	2,300 lm	
		5000	147 lm/W	2,200 lm	
		6500	143 lm/W	2,200 lm	
PLL-22-8FA-HYB-2G11	22W	2700	145 lm/W	2,900 lm	55W CFL
		3000	155 lm/W	3,100 lm	
		3500	160 lm/W	3,200 lm	
		4000	160 lm/W	3,200 lm	
		5000	155 lm/W	3,100 lm	
		6500	137 lm/W	3,100 lm	

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type

PLL CCT Adjustable, Type A+B

Shape

PLL - TT5 Tube

Endcap Material

Copper

Lamp Enclosure Material

Polycarbonate

Finish

White

Lens Finish

Frosted

INSTALLATION

Installation Method

Type A installation

Install in a fixture with a compatible existing electronic ballast. No rewiring required.

Type B installation

Bypass the ballast and wire the socket directly to line voltage, 120-277V.

Installation Orientation

Horizontal

Base Type

2G11 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
PLL-8-8FA-HYB-2G11	70	41	35	31
PLL-10-8FA-HYB-2G11	90	48	42	36
PLL-14-8FA-HYB-2G11	120	67	58	5
PLL-15-8FA-HYB-2G11	130	72	63	54
PLL-22-8FA-HYB-2G11	190	106	92	79

Operating Temperature

-4°F to 113°F (-20°C to 45°C)

THD

<20%

Power Factor

0.9

Flicker

50%

Dimming

Yes, dimmable down to 10% on compatible 0-10V (Type A) or TRIAC/ELV (Type B) dimming systems. See dimmer compatibility list.

LED CHARACTERISTICS

Beam Angle

360°

Color Temperature

Default: 4000K

Field adjustable via dip switch 2700/3000/3500/4000/5000/6500K

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 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.

COMPLIANCE

Listings

UL Listed, UL Classified, UL Recognized

Environment

Suitable for use indoors in dry and damp environments.

Fixture Rating

Suitable for use in enclosed fixtures

Energy Star Approved

No

DLC Listed

PLL-15-8FA-HYB-2G11 is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. All other models: no DLC category

California Title 20 Compliant

No

California Title 24 JA8 Compliant

No

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.

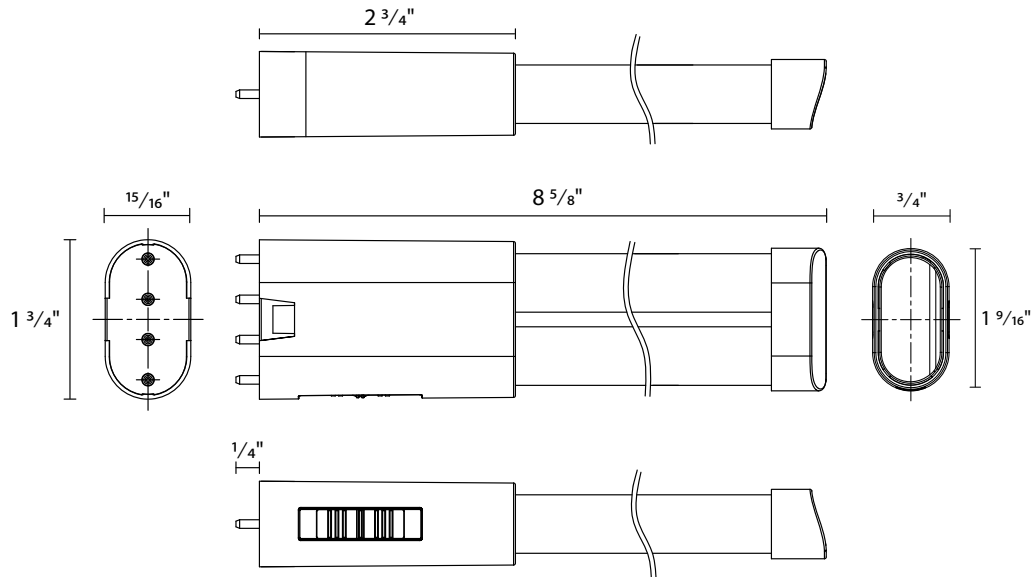
PLL CCT-Adjustable Type A+B



DIMENSIONS

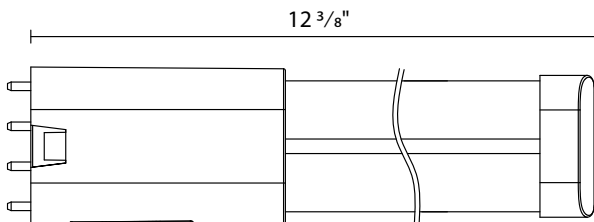
PLL-8-8FA-HYB-2G11

Weight: 0.22 lbs



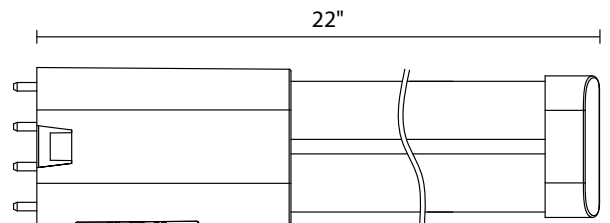
PLL-10-8FA-HYB-2G11

Weight: 0.26 lbs



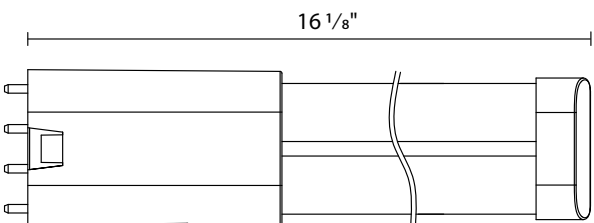
PLL-15-8FA-HYB-2G11

Weight: 0.36 lbs



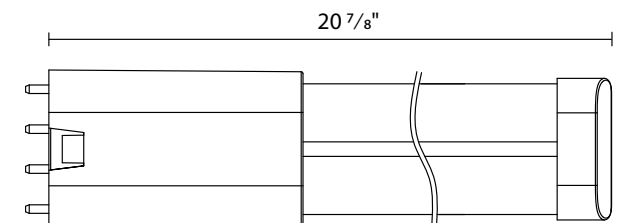
PLL-14-8FA-HYB-2G11

Weight: 0.30 lbs



PLL-22-8FA-HYB-2G11

Weight: 0.32 lbs



PLL CCT-Adjustable Type A+B



ORDERING INFO

Catalog Number	UPC	Case Pack
PLL-8-8FA-HYB-2G11	192552062367	12
PLL-10-8FA-HYB-2G11	192552062374	12
PLL-14-8FA-HYB-2G11	192552062381	12
PLL-15-8FA-HYB-2G11	192552062398	12
PLL-22-8FA-HYB-2G11	192552062404	12

ORDERING MATRIX

Family	Wattage	CRI/Color Temp	Installation Type	Base
PLL	-	8FA	-	-
	8 8W	8FA	HYB	2G11
	10 10W	80CRI, CCT-Adjustable	Type A+B, Ballast Bypass	2G11 4-Pin
	14 14W			
	15 15W			
	22 22W			