

PLT Lamps - CCT-Adjustable



PROJECT:

DATE:

TYPE:

PREPARED BY:



18W-57W Replacement, 2-Pin Type B,
Omnidirectional, Horizontal or Vertical



KEY FEATURES

- 4 color temperatures in 1 SKU (2700/3000/3500/4000K)
- Omnidirectional light distribution, suitable for horizontal or vertical installations
- Ballast Bypass – Install directly to line voltage
- Compatible with G24d / GX24d & G24q / GX24q installations
- 5-Year, No-Compromise Warranty

PERFORMANCE

Catalog Number	Lamp Type	UL Installation Type	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Color Temperature	Base Type
PLT-7-O-8FA-BYP	PLT - Triple Tube	Type B	18W CFL	7W	860-900-960-960	123-129-137-137	Field adjustable via dip switch 2700/3000/ 3500/4000K	GX24D
PLT-9-O-8FA-BYP			26W CFL	9W	1050-1100-1200-1200	124-129-135-135		
PLT-15-O-8FA-BYP			32W CFL	15W	2000-2100-2150-2150	143.05-151.87-151.93-157.16		
PLT-17-O-8FA-BYP			42W CFL	17W	2400-2500-2500-2500	142.38-147.31-150.37-152.27		
PLT-23-O-8FA-BYP			57W CFL	23W	3000-3100-3300-3300	130-135-140-140		

PHOTOMETRICS

Catalog Number	Lamp Wattage	CCT	Lumens (lm)	Efficacy (lm/w)	Equivalency
PLT-7-O-8FA-BYP	7W	3000K	946	136	18W
		3500K	978	143	
		4000K	985	145	
		5000K	987	141	
PLT-9-O-8FA-BYP	9W	3000K	1228	140	26W
		3500K	1252	145	
		4000K	1274	150	
		5000K	1270	145	
PLT-15-O-8FA-BYP	15W	3000K	2000	146	32W
		3500K	2100	153	
		4000K	2150	157	
		5000K	2150	157	
PLT-17-O-8FA-BYP	17W	3000K	2400	145	42W
		3500K	2500	152	
		4000K	2500	152	
		5000K	2500	152	
PLT-23-O-8FA-BYP	23W	3000K	3020	139	57W
		3500K	3069	140	
		4000K	3113	145	
		5000K	3123	143	

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type

Omnidirectional PL Lamps with CCT-Adjustability

Shape

PLT - Triple Tube

Lamp Base

2-Pin GX24D

Endcap Material

Copper

Lamp Enclosure Material

Polycarbonate

Finish

White

Lens Finish

Frosted

INSTALLATION

Installation Method**Type B Installation:**

Bypass ballast and wire socket directly to Line voltage

Installation Orientation

Horizontal or Vertical

Compatible Sockets

G24d/GX24d/G24q/GX24q

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

LED CHARACTERISTICS

Light Distribution

360° - Omnidirectional light distribution equivalent to fluorescent lamps

Color Temperature

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

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 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

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.

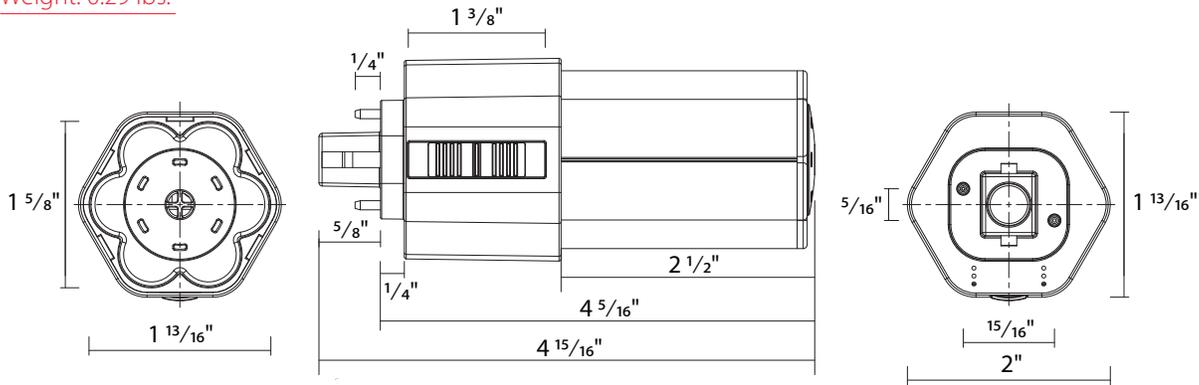
PLT Lamps - CCT-Adjustable



DIMENSIONS

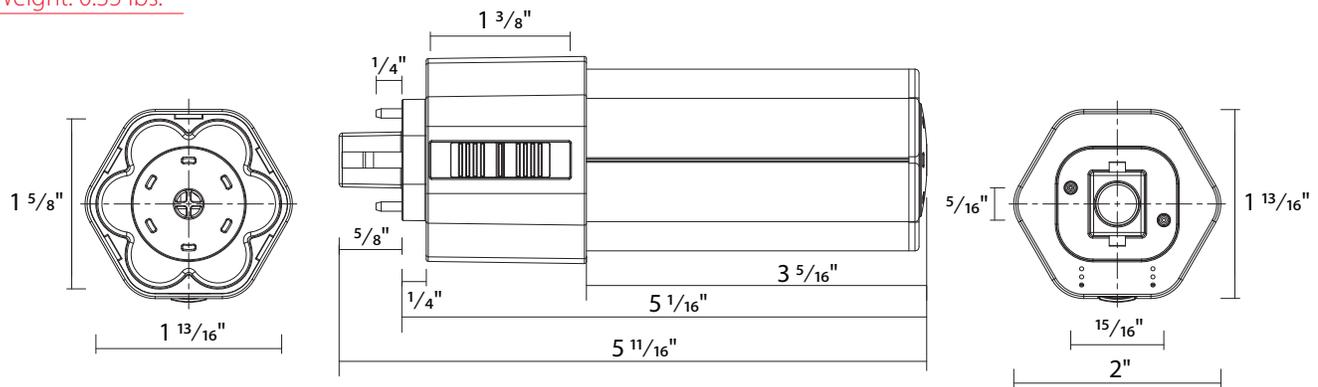
PLT-7-O-8FA-BYP

Weight: 0.29 lbs.



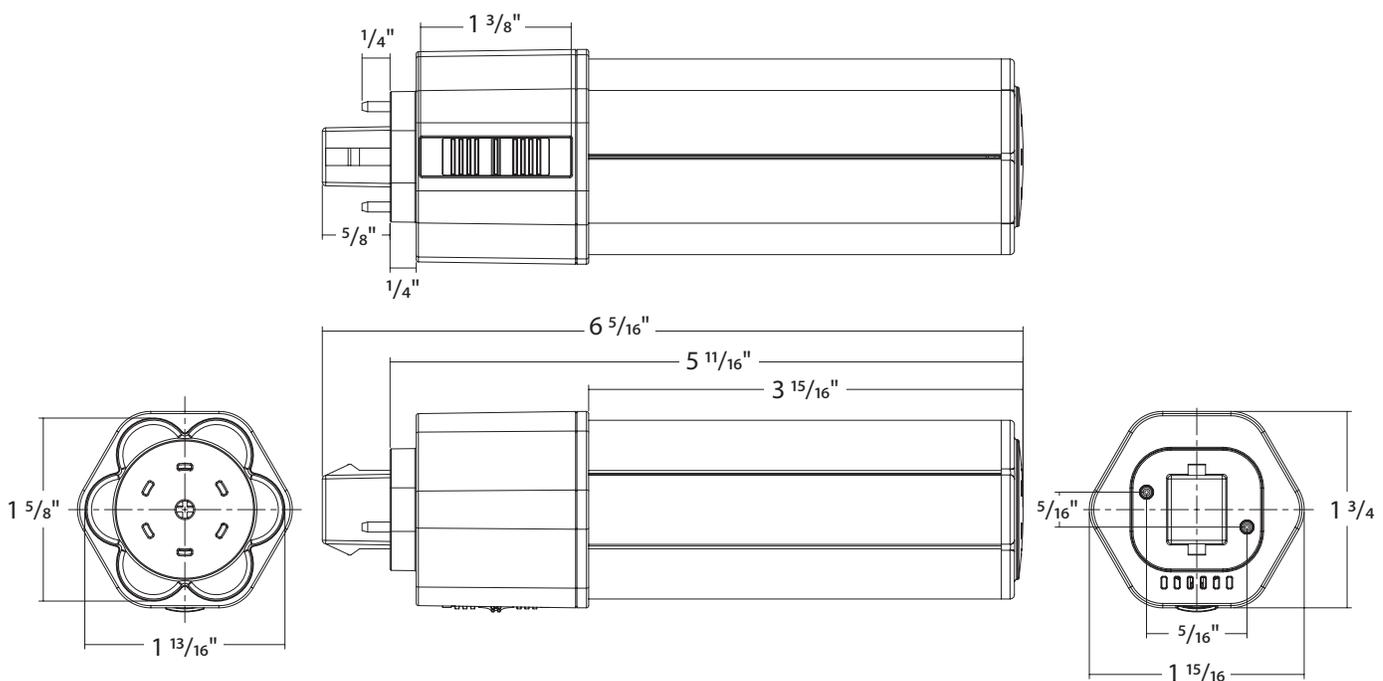
PLT-9-O-8FA-BYP

Weight: 0.35 lbs.



PLT-15-O-8FA-BYP

Weight: 0.26 lbs

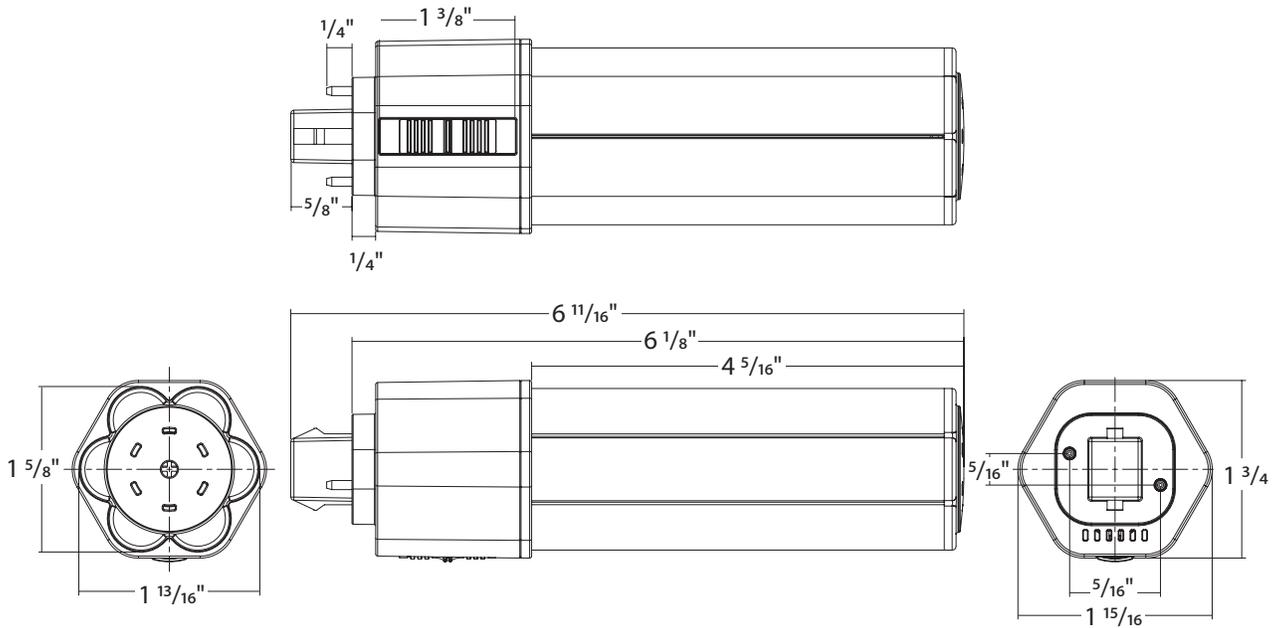


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DIMENSIONS Cont'd

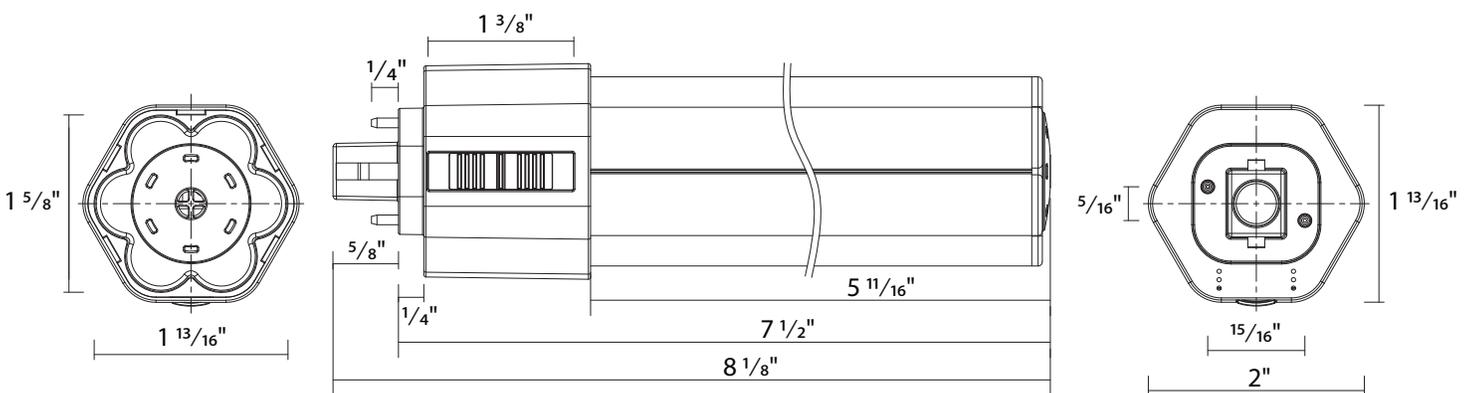
PLT-17-O-8FA-BYP

Weight: 0.27 lbs



PLT-23-O-8FA-BYP

Weight: 0.57 lbs.



ORDERING INFO

Catalog Number	Model Number	UPC	Case Pack
PLT-7-O-8FA-BYP	T20138(PLT-7-O-8FA-BYP)	192552054232	12
PLT-9-O-8FA-BYP	T20139(PLT-9-O-8FA-BYP)	192552054249	12
PLT-15-O-8FA-BYP	T20104(PLT-15-O-8FA-BYP)	192552017916	12
PLT-17-O-8FA-BYP	T20105(PLT-17-O-8FA-BYP)	192552017923	12
PLT-23-O-8FA-BYP	T20140(PLT-23-O-8FA-BYP)	192552054256	12

ORDERING MATRIX

Family	Wattage	Orientation	CRI/Color Temp	Installation Type	Base
PLT	<input type="text"/>	<input type="text" value="O"/>	<input type="text" value="8FA"/>	<input type="text" value="HYB"/>	<input type="text"/>
	7 7W 9 9W 23 23W	O Omnidirectional	8FA 80CRI, 3000/3500/4000/5000K	HYB Ballast Bypass, Type B	Blank 2-pin GX24D

ACCESSORIES

	Catalog Number	UPC	Description	Case Pack
	EMB-9	192552051187	EM DRIVER 100-347V 9W 0-10V DIM	15
	EMB-15	192552051194	EM DRIVER 100-347V 15W 0-10V DIM	15
	EMB-25	192552051200	EM DRIVER 100-347V 25W 0-10V DIM	15