

Project Name:	Type:
Part Number:	Date:

# DIRECT PLL

## FEATURES

- Plug & Play – Easy to install
- Compatible with Instant / Program start electronic ballasts
- 14.5W: 0-10V dimmable (ballast dependent)
- Replaces 40W/36W PLL Fluorescent lamp
- Exceptional high efficacy up to 162LPW
- Opaque glass lens reduces glare
- Extra wide 310° light emitting area
- Plastic film prevents glass from shattering
- Built-in thermal fuse for over-temperature protection
- UL damp location
- Temperature rating: -4°F/-20°C - 95°F/35°C
- Rated lifetime (L70): 50,000hrs
- 5 year limited warranty
- Suitable for all indoor general lighting applications


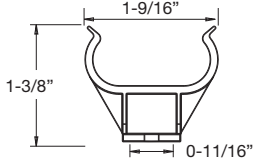


## SPECIFICATIONS

Product	Model	Equiv.	Input Voltage*	Wattage	Lumens	CCT	CRI	Efficacy (LPW)	Beam Angle	Power Factor	THD	Fixture Rating	DLC	UL
98477	13PLL/830/GL/DIR	40W	120-277V	13	2,050	3000K	82	158	160°	0.9	<20%	Enclosed	YES	UL Listed
98478	13PLL/835/GL/DIR	40W	120-277V	13	2,100	3500K	82	162	160°	0.9	<20%	Enclosed	YES	UL Listed
98479	13PLL/840/GL/DIR	40W	120-277V	13	2,100	4000K	82	162	160°	0.9	<20%	Enclosed	YES	UL Listed
98488	14.5PLL/835/GL/DIR	36W	120-277V	14.5	1,950	3500K	82	134	160°	0.9	<20%	Enclosed	-	UL Listed
98489	14.5PLL/840/GL/DIR	36W	120-277V	14.5	2,000	4000K	82	138	160°	0.9	<20%	Enclosed	-	UL Listed

\* Ballast dependent, refer to [www.greencreative.com](http://www.greencreative.com) for full compatibility list.

## SUPPLIED ACCESSORY

Product	Model	Description	Picture	Dimension	Weight
98015	PLLCLIP	Support clip with adhesive back for quick installation			0.08oz

## BALLAST PERFORMANCE

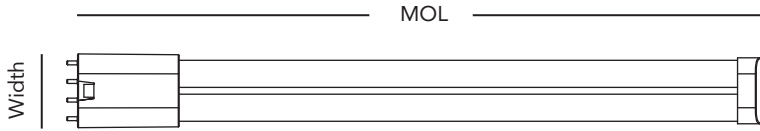
Bare Lamp Wattage	System Wattage	3000K Lumens	3500K Lumens	4000K Lumens
13	16.5	2,050	2,100	2,100
14.5	20	-	1,950	2,000

Testing Method: Above system wattage is tested based on reference ballast. wattage and lumen output will vary based on ballast and fixture type. Above data is indicative only. Please visit [www.greencreative.com](http://www.greencreative.com) for compatibility list



# DIRECT PLL

## DIMENSION & WEIGHT



Model	13PLL/xxx/GL/DIR	14.5PLL/xxx/GL/DIR
Base	2G11	2G11
MOL	22-1/2"	16-15/16"
Width	1-11/16"	1-11/16"
Weight	0.31lb	0.24lb

Where xxx means 824-965 which indicates CRI and color temperature.

## MINIMUM COMPARTMENT DIMENSIONS

Model	Length	Width	Height
13PLL/8xx/GL/DIR	24-3/16"	23-13/16"	4-1/8"
14.5PLL/8xx/GL/DIR	24-3/16"	23-13/16"	4-1/8"

Where xxx means 824-965 which indicates CRI and color temperature.