

Project Name:	Type:
Part Number:	Date:

DIRECT PLL

FEATURES

- Plug & Play – Easy to install
- Compatible with Instant / Program start electronic ballasts
- 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 years limited warranty
- Suitable for all indoor general lighting application



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	2050	3000K	82	158	160°	0.9	<20%	Enclosed	YES	UL Listed
98478	13PLL/835/GL/DIR	40W	120-277V	13	2100	3500K	82	162	160°	0.9	<20%	Enclosed	YES	UL Listed
98479	13PLL/840/GL/DIR	40W	120-277V	13	2100	4000K	82	162	160°	0.9	<20%	Enclosed	YES	UL Listed
98488	14.5PLL/835/GL/DIR	36W	120-277V	14.5	1950	3500K	82	134	160°	0.9	<20%	Enclosed	-	UL Classified
98489	14.5PLL/840/GL/DIR	36W	120-277V	14.5	2000	4000K	82	138	160°	0.9	<20%	Enclosed	-	UL Classified

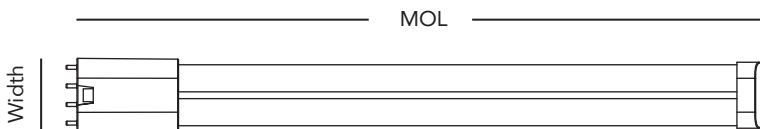
* Ballast dependent, refer to www.greencreative.com for full compatibility list.

BALLAST PERFORMANCE

Bare Lamp Wattage	System Wattage	3000K Lumens	3500K Lumens	4000K Lumens
13	16.5	2050	2100	2100
14.5	20	-	1950	2000

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 for compatibility list

DIMENSION & WEIGHT



Model	13PLL/xxx/GL/DIR	14.5PLL/xxx/GL/DIR
Base	2G11	2G11
MOL	22.5" (572mm)	16.9" (430mm)
Width	1.69" (43mm)	1.69" (43mm)
Weight	0.31lb / 140g	0.24lb / 110g

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