



LED PLL Tube Lights, 2G11 Base, Frosted

Sizes 9, 13, 16 & 22 inch – 9 to 22 Watts – 100 to 277VAC – 110° Wide Beam – 2750K to 5600K



FEATURES

- 3 Year LEDtronics Warranty
- Lumen Maintenance over 70% @ up to 40,000 Hours
- Energy Savings of up to 70% over Fluorescents
- Choice of 4 Colors: Warm, Medium, Natural & Pure White
- Solid State – Shock & Vibration Proof
- High Lumen, High CRI, Even Lighting
- IP54: Water Splashed from Any Direction Has No Harmful Effect
- No Buzzing, No Flickering, No Heat
- No UV or IR Radiation, No RF Interference
- No Glass, No Mercury – RoHS Compliant
- Options: Other Colors/Wattages/Sizes Available

APPLICATIONS

- Direct Retrofit with Simple Ballast Bypass into 4-Pin, In-line PLL Fluorescent Fixtures
- Ceiling Lights in Offices, Schools, Hallways
- Retail Store Display Lighting
- Undercabinet Lighting
- Sign Backlighting
- Wall Sconce Lighting
- Workspace or Cube Lighting

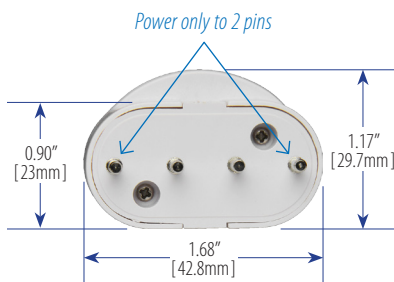
Over 35 Years of LEDtronics Design, Engineering & Manufacturing Experience

22 inch
18 & 22 Watts

16 inch
14 Watts

13 inch
12 Watts

9 inch
9 Watts



Optional Accessory:
Mounting Support Clip Holder
MTG-CLIP-23452-A



LEDTRONICS®

Creating the Future of LED Light Since 1983™



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23105 Kashiwa Court, Torrance, CA 90505

Phone: (800) 579.4875 / (310) 534.1505

Fax: (310) 534.1424

E-mail: info@ledtronics.com

Website: ledtronics.com



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contact the Distributor or Sales Representative in your area.

Visit our website to find your local Distributor or Representative
from our worldwide network:

LEDTRONICS.COM

www.LEDTRONICS.COM

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Check LEDTRONICS.COM for latest data.
Printed material may be outdated.

LED PLL Tube Light, 4-Pin 2G11 Base, Frosted: 9 & 13 inch

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9 inch



13 inch

9 Watts

Replaces Fluorescent PLLs up to 18W

PLL09SM-09W-XIW-101WF (Warm White, Available Option Option)

PLL09SM-09W-XMW-101WF (Medium White, Available Option)

PLL09SM-09W-XWW-101WF (Natural White)

PLL09SM-09W-XPW-101WF (Pure White, Available Option)

LED Emitted Color	Warm White	Medium White	Natural White	Pure White
Color Temp. (CCT)	2750K~3250K	3000K~3400K	3800K~4300K	5000K~5600K
Input Power	9 Watts			
Input Voltage	100~277VAC (Tested @ 120VAC)			
Input Current	0.074 A			
Total Lumens	870 lm			
Max. Candela	258 cd			
Efficacy	98 lm/W			
Power Factor	1.0			
Illumination Angle	110° x 130°			
CRI	>80			
Housing	Aluminum / Silver Color			
Lens	Polycarbonate / Frosted White			
LEDs	Epistar SMD2835			
Protection Rating	IP54			
Oper. Temperature	-4°F ~ +122°F / -20°C ~ +50°C			
Dimensions	L8.88 x W1.68 x D0.90 inch / L225 x W43 x D23 mm			
Weight	0.25 lbs / 4 oz / 113.4 g			

13 Watts

Replaces Fluorescent PLLs up to 24W

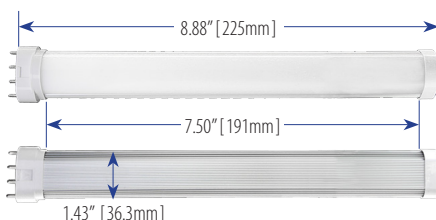
PLL13SM-12W-XIW-101WF (Warm White, Available Option)

PLL13SM-12W-XMW-101WF (Medium White, Available Option)

PLL13SM-12W-XWW-101WF (Natural White)

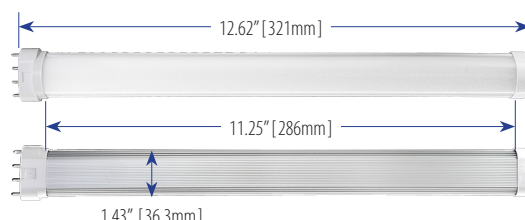
PLL13SM-12W-XPW-101WF (Pure White, Available Option)

LED Emitted Color	Warm White	Medium White	Natural White	Pure White
Color Temp. (CCT)	2750K~3250K	3000K~3400K	3800K~4300K	5000K~5600K
Input Power	12 Watts			
Input Voltage	100~277VAC (Tested @ 120VAC)			
Input Current	0.100 A	-	0.100 A	-
Total Lumens	1215 lm	-	1180 lm	-
Max. Candela	365 cd	-	350 cd	-
Efficacy	100 lm/W	-	100 lm/W	-
Power Factor	0.99	≥0.95	0.98	≥0.95
Illumination Angle	105° x 130°			
CRI	>80			
Housing	Aluminum / Silver Color			
Lens	Polycarbonate / Frosted White			
LEDs	Epistar SMD2835			
Protection Rating	IP54			
Oper. Temperature	-4°F ~ +122°F / -20°C ~ +50°C			
Dimensions	L12.62 x W1.68 x D0.90 inch / L321 x W43 x D23 mm			
Weight	0.36 lbs / 5.76 oz / 136.3 g			



TOP VIEW

BOTTOM VIEW



**15 Watts – Replaces Fluorescent PLLs up to 36W****PLL16SM-15W-XIW-101WF** (Warm White, Available Option)**PLL16SM-15W-XMW-101WF** (Medium White, Available Option)**PLL16SM-15W-XWW-101WF** (Natural White)**PLL16SM-15W-XPW-101WF** (Pure White, Available Option)

LED Emitted Color	Warm White	Medium White	Natural White	Pure Whitew
Color Temp. (CCT)	2750K~3250K	3000K~3400K	3800K~4300K	5000K~5600K
Input Power	15 Watts	15 Watts	14 Watts	15 Watts
Input Voltage	100~277VAC (Tested @ 120VAC)			
Input Current	0.139 A			
Total Lumens	1315 lm			
Max. Candela	433 cd			
Efficacy	93 lm/W			
Power Factor	0.99			
Illumination Angle	105° x 115°			
CRI	>80			
Housing	Aluminum / Silver Color			
Lens	Polycarbonate / Frosted White			
LEDs	Epistar SMD2835			
Protection Rating	IP54			
Oper. Temperature	-4°F ~+122°F / -20°C ~+50°C			
Dimensions	L16.12 x W1.68 x D0.90 inch / L409 x W43 x D23 mm			
Weight	0.44 lbs / 7 oz / 199.6 g			



LED PLL Tube Light, 4-Pin 2G11 Base, Frosted: 22 inch

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18 Watts

Replaces Fluorescent PLLs up to 40W

PLL22SM-18W-XIW-101WF (Warm White, Available Option)

PLL22SM-18W-XMW-101WF (Medium White)

PLL22SM-18W-XWW-101WF (Natural White)

PLL22SM-18W-XPW-101WF (Pure White, Available Option)

LED Emitted Color	Warm White	Medium White	Natural White	Pure White
Color Temp. (CCT)	2750K~3250K	3000K~3400K	3800K~4300K	5000K~5600K
Input Power	18 Watts	18 Watts	17 Watts	18 Watts
Input Voltage	100~277VAC (Tested @ 120VAC)			
Input Current	0.152 A		0.144 A	
Total Lumens	1670 lm		1747 lm	
Max. Candela	522 cd		524 cd	
Efficacy	92 lm/W		101 lm/W	
Power Factor	0.98		0.99	
Illumination Angle	110° x 125°			
CRI	>80			
Housing	Aluminum / Silver Color			
Lens	Polycarbonate / Frosted White			
LEDs	Epistar SMD2835			
Protection Rating	IP54			
Oper. Temperature	-4°F ~+122°F / -20°C ~+50°C			
Dimensions	L21.12 x W1.68 x D0.90 inch / L536 x W43 x D23 mm			
Weight	0.55 lbs / 8.8 oz / 249.5 g			

22 Watts

Replaces Fluorescent PLLs up to 55W

PLL22SM-22W-XIW-101WF (Warm White, Available Option)

PLL22SM-22W-XMW-101WF (Medium White, Available Option)

PLL22SM-22W-XWW-101WF (Natural White)

PLL22SM-22W-XPW-101WF (Pure White, Available Option)

LED Emitted Color	Warm White	Medium White	Natural White	Pure White
Color Temp. (CCT)	2750K~3250K	3000K~3400K	3800K~4300K	5000K~5600K
Input Power	22 Watts			
Input Voltage	100~277VAC (Tested @ 120VAC)			
Input Current	0.181 A			
Total Lumens	2159 lm			
Max. Candela	626 cd			
Efficacy	99 lm/W			
Power Factor	1.0			
Illumination Angle	110° x 130°			
CRI	>80			
Housing	Aluminum / Silver Color			
Lens	Polycarbonate / Frosted White			
LEDs	Epistar SMD2835			
Protection Rating	IP54			
Oper. Temperature	-4°F ~+122°F / -20°C ~+50°C			
Dimensions	L21.12 x W1.68 x D0.90 inch / L536 x W43 x D23 mm			
Weight	0.55 lbs / 8.8 oz / 249.5 g			



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Southern California
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23105 Kashiwa Court, Torrance, CA 90505

Phone: (800) 579.4875 / (310) 534.1505

Fax: (310) 534.1424

E-mail: info@ledtronics.com

Website: ledtronics.com

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