

PROJECT NAME: _____ CAT. #: _____
 NOTES: _____ FIXTURE SCHEDULE: _____

PL - Single, Type A+B Hybrid



Omnidirectional



Horizontal

Product Description

MaxLite's Plug-In LED Lamps offer a versatile LED solution for replacing compact fluorescent plug-in lamps. Available in Hybrid (A+B) models, they provide flexibility for any installation. With multiple base options (G23, GX23) and full CCT coverage (2700K-5000K), these lamps ensure a smooth transition to energy-efficient lighting. With high efficacy, a long lifespan, and both omnidirectional and directional options, these lamps maximize performance while minimizing maintenance and energy costs for commercial, residential, and retrofit applications.

Features

- **Broad Compatibility:** Replaces any fluorescent plug-in lamp, with multiple wattages and base types (G23 and GX23) to match existing fixtures.
- **Available in Type A+B Hybrid** for maximum installation flexibility. Additional models and types are available Contact Maxlite or visit Maxlite.com.
- **Complete CCT coverage:** Available in 2700K, 3000K, 3500K, 4000K, and 5000K fixed options, with CCT selectable models for added flexibility.
- **High Efficiency & Longevity:** Delivers up to 130 lm/W with a 50,000-hour lifespan, reducing energy and maintenance costs.
- **Flexible Light Distribution:** Omnidirectional models provide wide, even illumination, while directional models focus light where it's needed most.

Model Selection

PL - Single, Type A+B, Hybrid



3.5PLSH/AB/G238xx



5.5PLSH/AB/GX238xx



5PLSO/AB/G238xx



7PLSO/AB/GX238xx

WATTAGE	FAMILY	INSTALL POSITION	OPERATION	DIMMABILITY	BASE	CRI AND CCT
3.5= 3.5W	PLS= PL Single	H= Horizontal	/AB= Type A+B, Hybrid	BLANK= None	/G23= G23 base, 2 Pin	8CS= 80 CRI, 4 CCT 2700K/3000K/3500K/4000K 80 CRI, 5000K
5.5= 5.5W					/GX23= GX23 base, 2 Pin	8CS= 80 CRI, 4 CCT 2700K/3000K/3500K/4000K 80 CRI, 5000K
5= 5.0W	PLS= PL Single	O= Omnidirectional	/AB= Type A+B, Hybrid	BLANK= None	/G23= G23 base, 2 Pin	827= 80 CRI, 2700K 830= 80 CRI, 35000K 835= 80 CRI, 3500K 840= 80 CRI, 4000K
7= 7.0W					/GX23= GX23 base, 2 Pin	827= 827 = 80 CRI, 2700K 830= 830 = 80 CRI, 3000K 835= 835 = 80 CRI, 3500K 840= 840 = 80 CRI, 4000K

Note - Default Setting for CS models is 4000K

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Specifications	3.5PLSH/AB/G238xx	5.5PLSH/AB/GX238xx	5PLSO/AB/G238xx	7PLSO/AB/GX238xx
Family	PL Single			
Installation Position	Horizontal		Omnidirectional	
Operation	Type A+B, Hybrid			
Base	G23 Base, 2 Pin	GX23 base, 2 Pin	G23 Base, 2 Pin	GX23 base, 2 Pin
Equivalent Wattage	7-9W Fluorescent	13W Fluorescent	5W Fluorescent	18W Fluorescent
Input Wattage (W)	3.5W	5.5W	5W	7W
Lumens delivered (lm)	400 lm at Fixed CCT 5000K	620 lm at Fixed CCT 5000K	600 to 650 lm at Fixed CCT 2700K, 3000K, 3500K, 4000K	800 to 880 lm at Fixed CCT 2700K, 3000K, 3500K, 4000K
	360 to 400 lm at 4 CCT Selectable 2700K/3000K/3500K/4000K	580 to 620 lm at 4 CCT Selectable 2700K/3000K/3500K/4000K		
Nominal Efficacy (lm/W)	114 lm/W at Fixed CCT 5000K	113 lm/W at Fixed CCT 5000K	120 to 130 lm at Fixed CCT 2700K, 3000K, 3500K, 4000K	114 to 126 lm at Fixed CCT 2700K, 3000K, 3500K, 4000K
	103 to 114 lm/W at 4 CCT Selectable 700K/3000K/3500K/4000K	106 to 113 lm/W at 4 CCT Selectable 2700K/3000K/3500K/4000K		
Color Temperature (K)	Fixed CCT 5000K, 4 CCT Selectable 2700K/3000K/3500K/4000K Default Setting for CS models is 4000K		Fixed CCT 2700K, 3000K, 3500K, 4000K	
CRI	≥ 80			
Calculated L70 Lumen Maintenance	≥ 50,000 hours			
Dimming Technology	Non-Dimmable			
Input Voltage	120-277V AC, 60 Hz		120-277V AC, 50/60 Hz	
Power Factor	0.9			
Diffuser	Polycarbonate			
Surge Protection	Type B surges are 500V			
Operating Temperature	-4°F to 113°F (-20°C to 45°C)			
Certifications	cULus listed, cULus classified, FCC, RoHS Complaint, NSF/ ANSI 2 - Food Equipment			
Environment	Damp Locations, Enclosed Rating			
Warranty	5 Years warranty. Check maxlite.com/warranties for details			
Case Quantity	24 pcs			

* Default power setting

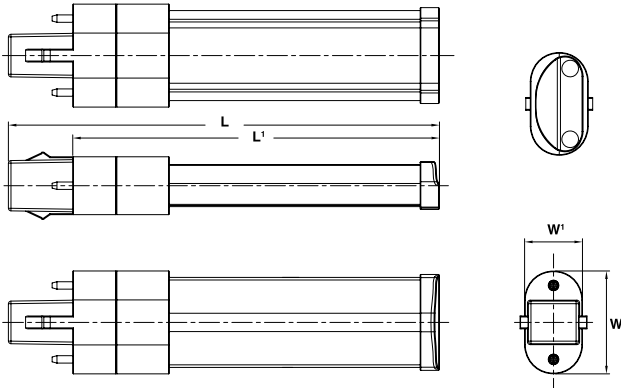
Stocked Items (non-DLC listed)

PL - Single, Type A+B, Hybrid

ORDER CODE	MODEL NUMBER	ORDER CODE	MODEL NUMBER
112194	3.5PLSH/AB/G238CS	112200	5.5PLSH/AB/GX238CS
112195	3.5PLSH/AB/G23850	112201	5.5PLSH/AB/GX23850
112196	5PLSO/AB/G23827	112202	7PLSO/AB/GX23827
112197	5PLSO/AB/G23830	112203	7PLSO/AB/GX23830
112198	5PLSO/AB/G23835	112204	7PLSO/AB/GX23835
112199	5PLSO/AB/G23840	112205	7PLSO/AB/GX23840

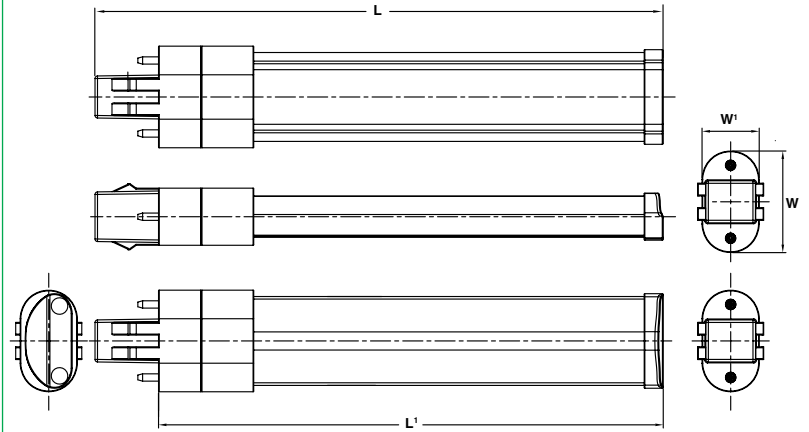
PL - Single, Type A+B Hybrid

Dimensions



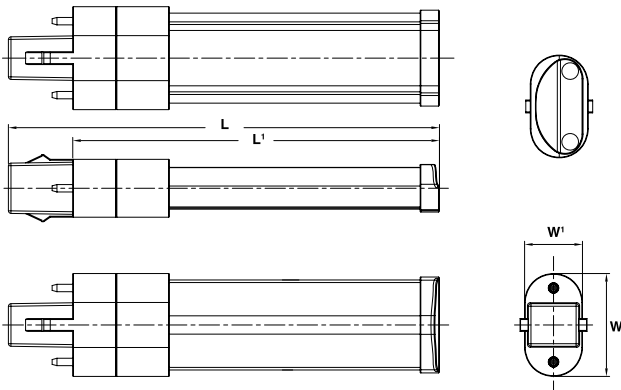
**PL - Single,
Type A+B, Hybrid**

Overall Length L	Length w/o Base L¹	Width W	Width W¹
5.28"	4.4"	1.26"	0.71"



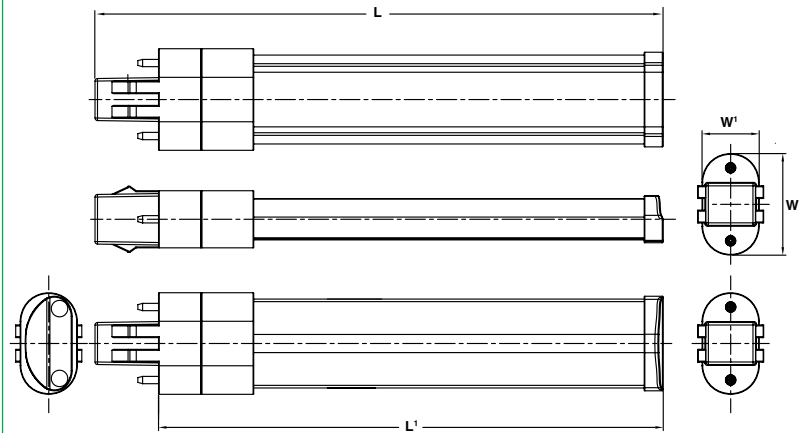
**PL - Single,
Type A+B, Hybrid**

Overall Length L	Length w/o Base L¹	Width W	Width W¹
7.05"	6.26"	1.26"	0.71"



**PL - Single,
Type A+B, Hybrid**

Overall Length L	Length w/o Base L¹	Width W	Width W¹
4.13"	3.35"	1.52"	1.52"

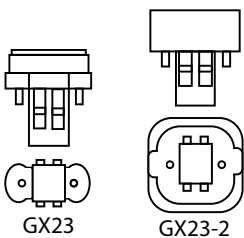


**PL - Single,
Type A+B, Hybrid**

Overall Length L	Length w/o Base L¹	Width W	Width W¹
4.76"	3.35"	1.52"	1.52"

Lamp Bases

GX23 base lamps will fit into the following sockets:



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Ballast Compatibility

PL - Single, Type A+B, Hybrid (Model Number: 3.5PLSH/AB/G238xx, 5PLSO/AB/G238xx)

BRAND	MODEL NUMBER	COMPATIBILITY STATUS				BALLAST TYPE
		BALLAST WORKS ON 120-277V				
		1 LAMP	2 LAMPS	3 LAMPS	4 LAMPS	
Philips	H-1Q26-TP-BLS	OK	N/A	N/A	N/A	Magnetic
Philips	FCF-7/9-TP	OK	N/A	N/A	N/A	Magnetic

LEGEND

Status: **OK** – Compatible **NO** – Not Compatible **N/A** – Not Required

PL - Single, Type A+B, Hybrid (Model Number: 5.5PLSH/AB/GX238xx, 7PLSO/AB/GX238xx)

BRAND	MODEL NUMBER	COMPATIBILITY STATUS				BALLAST TYPE
		BALLAST WORKS ON 120-277V				
		1 LAMP	2 LAMPS	3 LAMPS	4 LAMPS	
Philips	CC1322MTP	Only 120V OK	N/A	N/A	N/A	Magnetic
Philips	FCF-13-TP	Only 120V OK	N/A	N/A	N/A	Magnetic
Philips	LC-13-TP	Only 120V OK	N/A	N/A	N/A	Magnetic
Philips	LO-13-22	Only 120V OK	N/A	N/A	N/A	Magnetic
Pobertson	S1P(3P1083)	Only 120V OK	N/A	N/A	N/A	Magnetic

LEGEND

Status: **OK** – Compatible **NO** – Not Compatible **N/A** – Not Required

FCC Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help