

# LED PL Horizontal lamp-Type A+ B

## Product Features

- 6" Can suitable and 2 6watt CFL equivalent
- 80+ CRI
- High power factor >0.9
- L70 life 50,000 hours
- Rotatable 1.8 V (Horizontal model)
- Die casting Aluminum heat sink
- Operating Temperature -4°F to 105°F
- UL damp listed
- Not use for totally enclosed fixtures
- The unites are intended to retrofit Type IC or non-IC recessed mount listed luminaires
- 5 years limited warranty
- Universal G24q 4-pin base can retrofits G24q-1, G24q-2, G24q-3, GX24q-1, GX24q-2 and GX24q-3.
- Safety Feature:** Built-in Thermal Detector support lamp cut off the power from over driven of incompatible electrical ballast.



## Instruction

**Hybrid Drive LED PL** retrofit lamps are both electrical ballast and 120-277V line voltage compatible. They will be replacement for CFL bulbs in variety existing lamp installation of commercial applications.

## Ordering Number Logic

Typical order example: 12 PLO2HG24QLED27

Model Number	Power (lamp only)	Lumen Output @277V	Base	Orientation	Temp	Suitable Location	Beam Angle	Control	
12 PLO2HG24QLED27	<b>12W Max</b>	<b>900 Lm</b>	G24Q	Horizontal	2700K	120-277VAC 50/60Hz or Driven by CFL Ballast	Dry and Damp	140°	Non-Dimming
12 PLO2HG24QLED30		900 Lm			3000K				
12 PLO2HG24QLED35		1000Lm			3500K				
12 PLO2HG24QLED40		1100Lm			4000K				
12 PLO2HG24QLED50		1100Lm			5000K				

### Application Notes:

This instant fit is suitable for operation with ballasts from the following manufacturers:  
 Triad/Universal Lighting Technologies/ Hatch Lighting/OSRAM Sylvania/Philips Advance/ Energy Savings

Please find specific ballast models as attached table.

### Base option

Unit: inch

### Lighting Distribution

Dual Horizontal Lamps

Fixture: Lithonia 6HF 2/18DTT MVOLT

# LED PL Vertical Retrofit lamp-Type A+ B

## Product Features

- 6" Can suitable and 2 6watt CFL equivalent
- 80+ CRI
- High power factor>0.9
- L70 life 50,000hours
- Rotatable 1.8 V(Horizontal model)
- Die casting Aluminum heat sink
- Operating Temperature -4°F to 105°F
- UL damp listed
- Not use for totally enclosed fixtures
- The unites are intended to retrofit Type IC or non-IC recessed mount listed luminaires
- 5 years limited warranty
- Universal G24q 4-pin base can retrofits G24q-1,G24q-2,G24q-3,GX24q-1,GX24q-2 and GX24q-3.
- Safety Feature:** Built-in Thermal Detector support lamp cut off the power from over driven of incompatible electrical ballast.



## Instruction:

Hybrid Drive LED PL retrofit lamps are both electrical ballast and 120-277V line voltage compatible. 12 Watt LED PL Vertical retrofit lamp G24q base will be replacement for CFL bulbs in a variety existing lamp installations of commercial applications.

## Ordering Number Logic

Typical order example: 12 PLO2VG24QLED27

Model Number	Power	Lumen Output @277V	Base	Version	CT	Voltage	Suitable Location	Beam Angle	Control
12 PLO2VG24QLED27	12W Max	900 Lm	G24Q	Vertical	2700K	120-277VAC 50/60Hz or Driven by CFL Ballast	Dry and Damp	140°	Non-Dimming
12 PLO2VG24QLED30		900 Lm			3000K				
12 PLO2VG24QLED35		1000Lm			3500K				
12 PLO2VG24QLED40		1100Lm			4000K				
12 PLO2VG24QLED50		1100Lm			5000K				

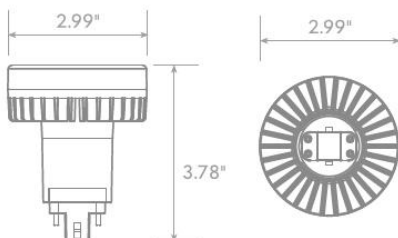
## Application Notes:

This instant fit is suitable for operation with ballasts from the following manufacturers: Triad/Universal Lighting Technologies/ Hatch Lighting/OSRAM Sylvania/Philips Advance/ Energy Savings

Please find specific ballast models as attached table.

## Base option

Unit:inch



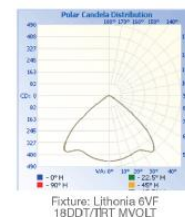
## Accessories--Extension Adapter

Use for narrow long neck Lithonia Can



## Lighting Distribution

Single Vertical Lamp



## Ballast List

Type A+ B PLC is suitable for operation with ballasts from the following models:

Brand	Ballast Description Electrical Characteristic Model	Volt VAC	Compatibility		Test Result	
			1-Lamp		2-Lamp	
			120	277 VAC	120 VAC	277 VAC
LUMAPRO	16X954	120-277V	V	x	V	V
LUMAPRO	4KGJ7	120-277V	·V	·V	·V	·V
LUMAPRO	4KGJ8	120-277V	V	V	V	V
LUMAPRO	16X959	120-277V	V	V	V	·V
Universal/Triad	C213UNVME	120-277V	V	V	V	·V
Universal/Triad	C218UNVME	120-277V	-/	V	·V	·V
Universal/Triad	C242UNVME	120-277V	V	x	V	V
Universal/Triad	C2642UNVME	120-277V	V	V	V	·V
HOWARD INDUSTRIES	EP2/13CF/MV	120-277V	V	V	V	·V
HOWARD INDUSTRIES	EP2/18CF/MV	120-277V	V	V	V	V
HOWARD INDUSTRIES	EP/2/26CF/MV/2	120-277V	V	·V	·V	·V
GE	GEC218MVPBSBES			120-277V		
PHILIPS/ADVANCE	ICF-2S18-H1-LD	120-277V	V	V	V	·V
PHILIPS/ADVANCE	ICF-2S26-H1-LD	120-277V	V	V	V	V
PHILIPS/ADVANCE	ICF-2S42-M2-LD	120-277V	V	x		V
PHILIPS/ADVANCE	ICF-2S13-H1-LD	120-277V	V	V	V	V
ORSRAM/SYLVAN IA	QTP1/2X18CF/UNVDM	120-277V	V	·V	·V	·V
ORSRAM/SYLVAN IA	QTP2X26CF/UNVDM	120-277V	V	V	·V	·V
ORSRAM/SYLVAN IA	QTP1/2X13CF/UNVDM	120-277V	V	V	·V	·V
HATCH	HC226PS/UV/D	120-277V	V	V	V	V
CH	ACT2S26PSUNV	120-277V	V	V	V	·V
STANDARD	31279STD	120-347V	V	V	V	V
STANDARD	31527STD	120-347V	x	V		x
KEYSTONE	KTEB-213-UV-PS-DW	120-277V	V	V	V	V
KEYSTONE	KTEB-218-UV-PS-DW	120-277V			V	
KEYSTONE	KTEB-226-UV-PS-DW	120-277V	V	V	V	V
KEYSTONE	KTEB-218-UV-RS-DW	120-277V	V	V	V	V
FULHAM	RHAUNV226C	120-277V	X	X	X	V
FULHAM	WH2120L	120-277V	V	x	V	x
FULHAM	WH2120C	120-277V	V	x	V	x
FULHAM	RHAUNV213C	120-277V	x	x	x	V
FULHAM	RHA-UNV-218-C	120-277V	x	x	V	V
FULHAM	WH3-120-C	120-277V	V	x	·V	x
FULHAM	WH2-277-L	120-277V	x	V	x	x
FULHAM	WH3-277-L	120-277V	x	V	x	V
FULHAM	WH4-277-L	120-277V	x	V	x	V
FULHAM	RHA-UNV-242-C	120-277V	x	x	V	V

### Remarks:

Manufacturer of LED Type A+B PL G24Q Lamps has a limitation of compatibility, not compatible with ALL ballasts, they were tested for compatibility with the above listed electronic ballasts. Ballasts that do not appear on the chart might still be compatible but have not been tested. It is a general recommendation to perform a test on-site before installing the LED lamps.