

120 VOLT XENON UNDER CABINET

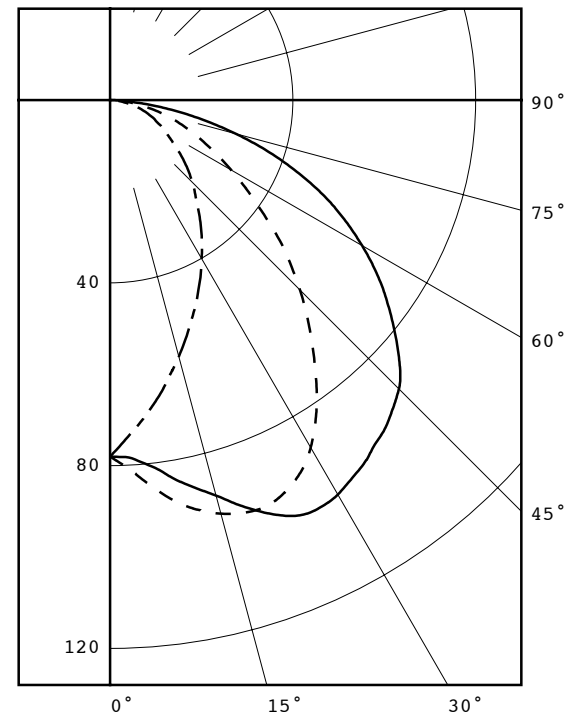


FEATURES

- Bright white light – ideal for many task lighting applications
- Dimmable with most standard Incandescent dimmers
- 120V Xenon lamps require no transformer
- Frosted tempered glass lens diffuses light
- Full length specular reflector optimizes light output
- Easy installation – bulbs included with each fixture

PHOTOMETRICS

(PLXC3H-WH)



LEGEND:

- 0-deg: - - - - -
- 90-deg: _____
- 180-deg: - - - - -

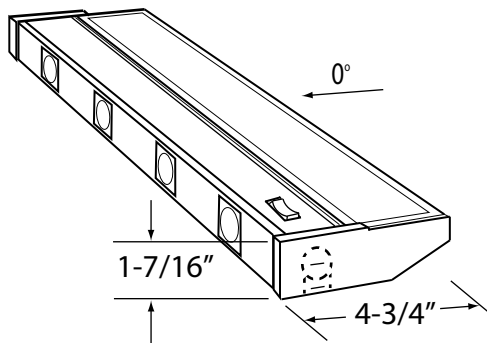
Maximum intensity:	110 cd
Luminous flux:	259
Input wattage:	60 at 120V
Efficacy:	4.3 lumens/watt
Beam angle:	64.5° 0-deg plane
	64.2° 90-deg plane
Total efficiency:	52.4%

ORDERING INFORMATION

PLXC			
120V	1 = 8" length	H = Hardwire	WH = White
Xenon	2 = 16" length	P = Plug-in	BR = Bronze
	3 = 24" length		BS = Brushed Steel
	4 = 32" length		

Example of finished order – PLXC1H-BS

Note: 120V Halogen units (Hardwire only) are available in White and Bronze. Substitute LHC for LXC to order.



TECHNICAL SPECIFICATIONS

Voltage	120V, 60Hz AC operation
Construction	Heavy-gauge, extruded aluminum with plastic end caps and plastic ventilation spacers for heat dissipation
Dimensions	H = 1-7/16", D = 4-3/4", Available Lengths = 8", 16", 24" and 32"
Switching	High/Low/Off rocker switch
Knockouts	1" knockouts standard: one at each end, every 4" along back of housing and every 4" along top of housing
Wattages	1-Light = 20 watts, 2-Light = 40 watts, 3-Light = 60 watts, 4-Light = 80 watts
Power cord	Six foot power cord (included with P units) with two pronged polarized plug, 18AWG
Maximum run	720 watts
Linking	24" linking extension included with P units
Packaging	White box for hardwire units, retail pack for plug-in units
Accessories	PLXCP-20-BP = Xenon replacement lamp
Bulb Specs	8,000 hour rated life, 90 CRI, 2800°K, G8 base, 20 watts, 120V, 1-3/4" M.O.L.
Dimmers	Dimmable with most standard Incandescent dimmers
Diffuser	Full length, captive hinged lens cover (4-Light unit has two hinged covers)

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www.PegasusLighting.com
800.392.4818

120V Xenon Under Cabinet Light

DESCRIPTION

Line voltage Xenon Under Cabinet Lights operate cooler than Halogen and last four times longer. Low pressure 120V Xenon lamps (included) provide up to 8,000 hours of 2800°K dimmable white light with a Color Rendering Index (CRI) of 90. Great for kitchens, offices and medical workstations. Select from three popular finishes: Bronze, Brushed Steel and White.



SPECIFICATIONS

Dimensions:

1-7/16" high by 4-3/4" deep. Available in 8", 16", 24" and 32" lengths.

Construction:

Heavy-gauge, extruded aluminum with plastic end caps and slim, plastic ventilation spacers between fixture housing and mounting surface to minimize heat.

Finishes:

Painted White, Plated Brushed Steel and Plated Bronze.

Reflector:

Full-length aluminum reflector with specular surface maximizes light output.

Lamp:

Dimmable 120V Xenon lamp(s), 20 watts, G8 base. Projected 8,000-hour life. Warm white 2800° K light and CRI of 90.

Lens:

Clear, prismatic, full-length glass lens provides even light distribution. Captive lens cover closure securely holds lens to fixture housing with metal clips at each end. Hinged design allows for easy relamping.

Mounting:

Mount at or near the leading edge of the underside of cabinetry, shelving, or any horizontal surface that is at least 5/8" thick. Optimized for fast, direct wire installation using keyhole mounting slots.

Safety Ratings:

c/UL/us Listed for indoor applications.

Maximum Run:

Portable units are linkable up to 720 watts using included 24" linking extension cables. See also ELECTRICAL.

ELECTRICAL

Portable:

Use 24" linking extension cable that is included with each portable light fixture ("P" series) to power multiple fixtures from one 120V outlet, up to 720 watts. Two-prong, polarized plug on six-foot power cord snaps into moxex port on back of housing. Removeable slide-on plug allows cord to be cut to desired length, and plug then reattached.

Direct wire:

Hardwire units ("H" series) have 1" knockouts at each end and every 4" along the back of housing, and every 4" along the top at the back edge.

Multiple Fixtures:

A linking extension, 24" in length with moxex connectors at each end, is included with each portable ("P" series) fixture to power multiple fixtures. Snap moxex connector into moxex port at back of fixture to "daisy-chain" system, up to 720 watts.

Hardwire ("H" series) fixtures do not have moxex ports. Note: UL standards only allow *portable* units to be linked together with linking extension cables. UL does NOT permit direct wire/hardwire fixtures to be linked together except by using conduit approved by NEC and local electrical codes.

Switching:

Convenient High/Low/Off rocker switch is standard.

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120V Xenon Under Cabinet Light

ORDERING INFORMATION

PLXC	—	—
120V	Size	Color
Xenon	1H = Hardwire, 20 watts, 8" length, 1 bulb	BR = Bronze
Undercabinet	2H = Hardwire, 40 watts, 16" length, 2 bulbs	BS = Brushed Steel
	3H = Hardwire, 60 watts, 24" length, 3 bulbs	WH = White
	4H = Hardwire, 80 watts, 32" length, 4 bulbs	
	1P = Portable, 20 watts, 8" length, 1 bulb	
	2P = Portable, 40 watts, 16" length, 2 bulbs	
	3P = Portable, 60 watts, 24" length, 3 bulbs	
	4P = Portable, 80 watts, 32" length, 4 bulbs*	

*PLXC4P is only available in White.

ACCESSORY INFORMATION

PLXCP-20-BP 120V Xenon replacement bulb, 20 watts, 1-3/4" M.O.L.**

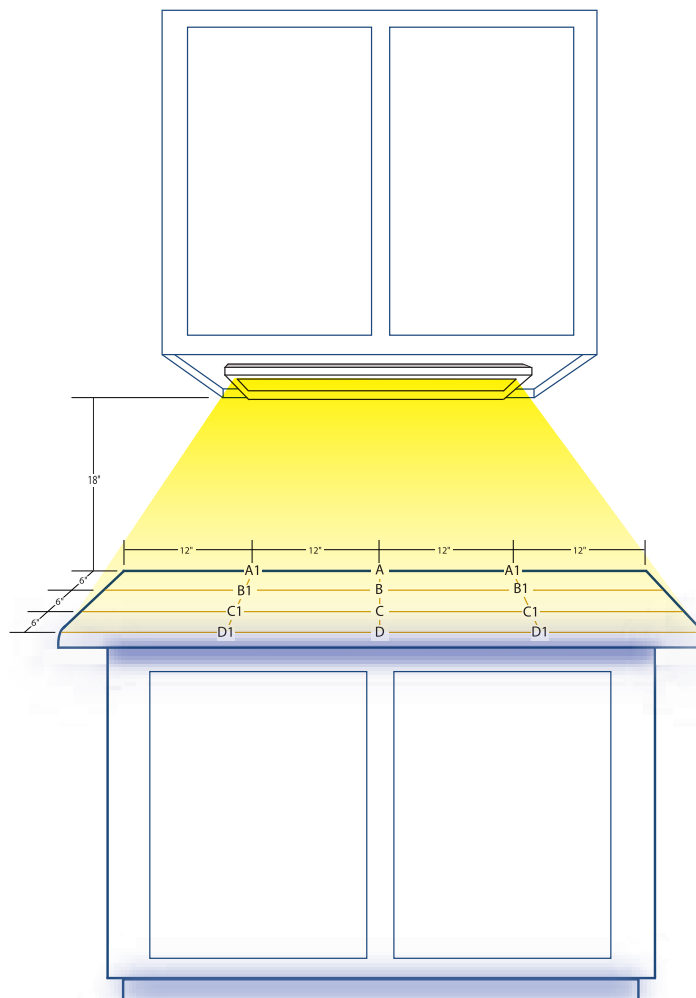
PLXCP-10-BP 120V Xenon replacement bulb, 10 watts, 1-3/8" M.O.L.**

**Maximum overall length

PHOTOMETRIC DATA

XENON UC 120 V 16"	
A : 18	A1 : 15.5
B : 33.5	B1 : 23.8
C : 30.2	C1 : 20.7
D : 12.9	D1 : 10.5

Data shown above, expressed in foot candles, is a result of a single fixture. Counter top reflectance 80%. Rear wall reflectance 80%. See diagram for points of measurement.



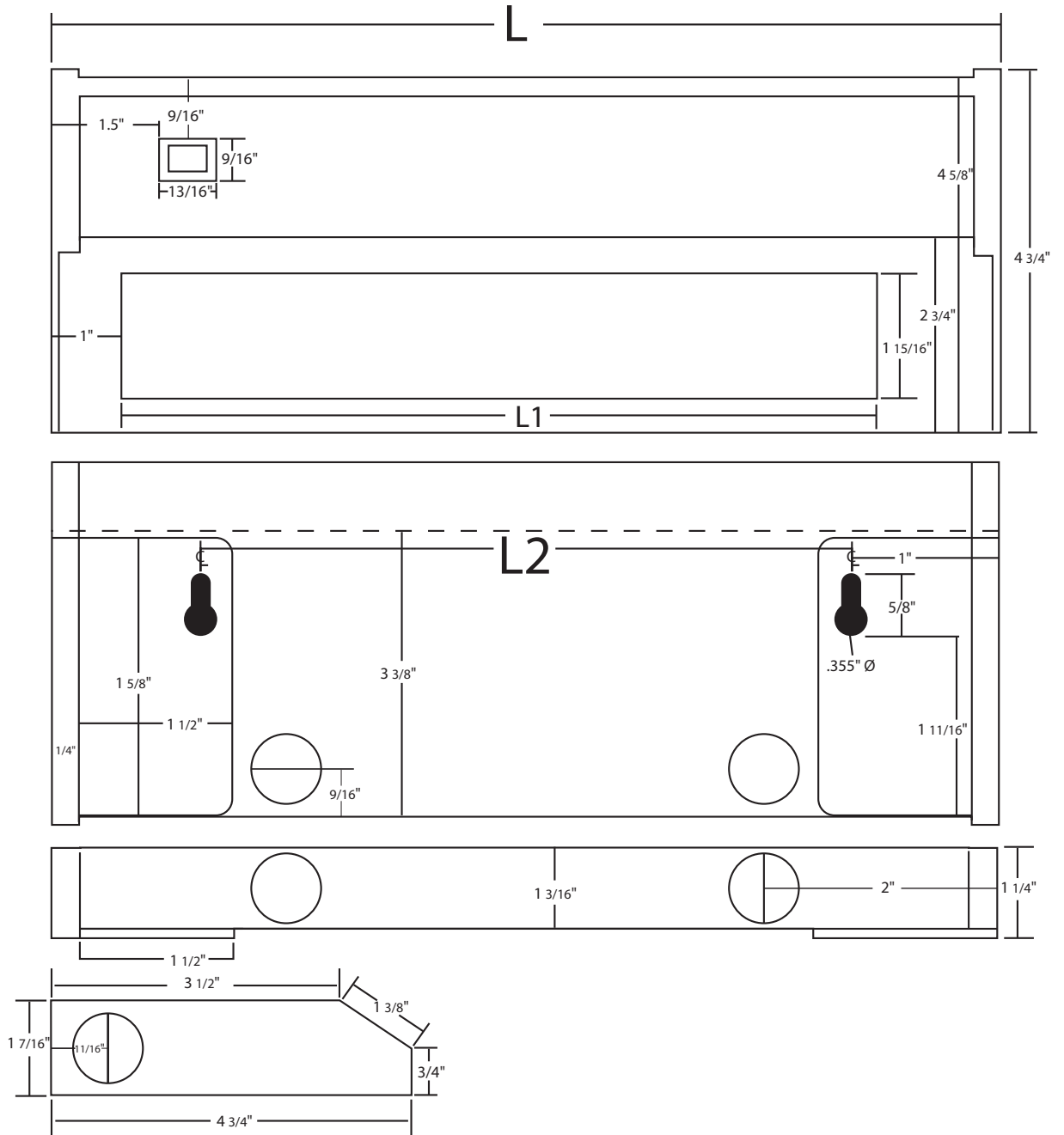
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DIMENSIONAL DATA



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PRODUCT	L	L1	L2
PLXC1	8"	5 7/8"	6"
PLXC2	16"	13 13/16"	14"
PLXC3	24"	21 3/4"	22"
PLXC4	32"	29 3/4"	32"