



PLS16 Series 16mm Pilot Light and LED Lamp



PLS16 Pilot Light features polyester construction for superior corrosion resistance, moisture rejection and electrical insulation.

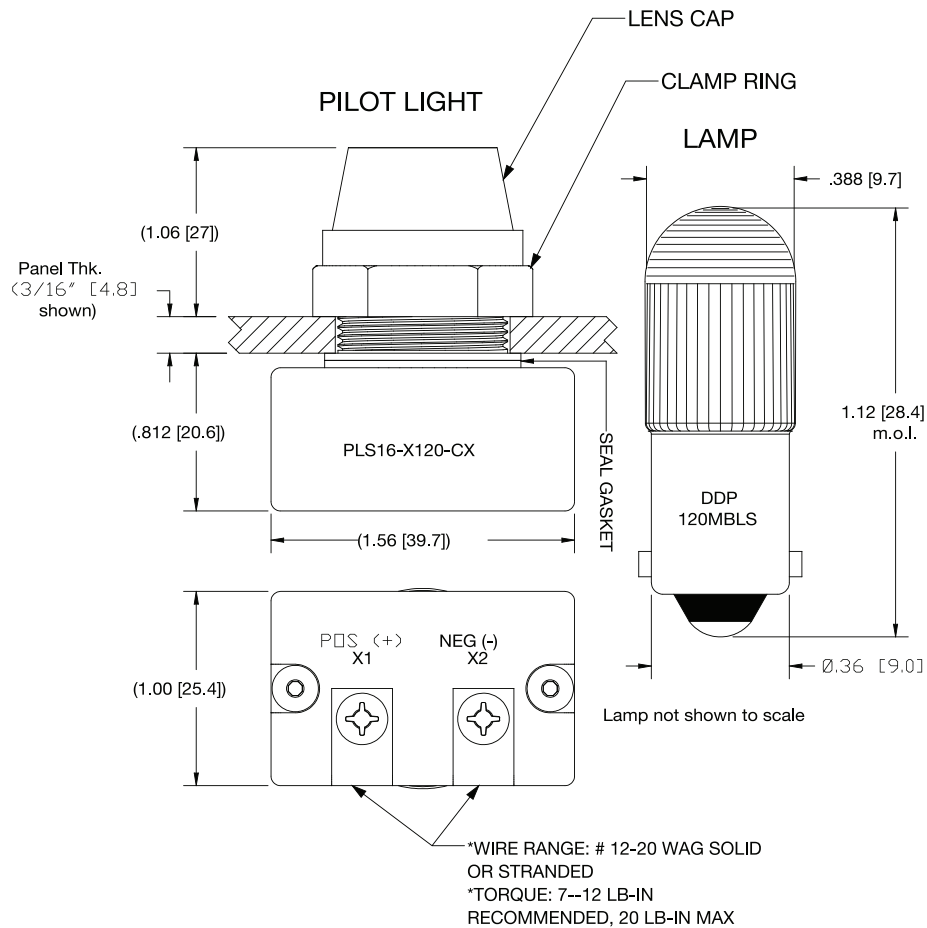
Key Features

- The lens is clear-tinted with a fresnel pattern
- This device is immune to peak noise current of 1mA
- Available in colors amber, white, and blue
- Mounting hole in panel 5/8" [16mm]
- Fully-assembled operators come standard with one 3/16" [4.8mm] and two 1/16" [1.6mm] gaskets
- Self-lifting captive wire clamps
- Includes bayonet-based LED lamp and Lexan lens
- For custom voltage and colors, contact VCC
- Compliant with RoHS and REACH

Ordering Data

Series	Emitted Color
PLS16	-R120-CA
	-A120-CR Amber
	-W120-CW White
	-B120-CB Blue

Product Dimensions



Notes:

1. All dimensions are in inches (mm)

Product Specifications

Electro-Optical Characteristics (Ta=25°C)

SYM	Parameter	LED Color						Unit
		Red	Amber	Green	Blue	White	Wrm White	
I _v	Typ. Luminous Intensity per LED @ I _f =120VAC	2180	2180	2300	700	2500	1800	mcd
V _o	Operating Voltage	120	120	120	120	120	120	VAC
I _f	Typ. Forward Current @ V _f =120VAC	7.1~7.3	7.1~7.3	3.7~3.8	3.7~3.8	3.7~3.8	3.7~3.8	mA
I _{mx}	Max. Forward Current @ V _f =130VAC	8.0	8.0	4.2	4.2	4.2	4.2	mA
V _{br}	Reverse Breakdown @ I _r =100uA	-	-	-	-	-	-	V
λ _{pk}	Peak Wavelength	634	592	520	465	-	-	nm
λ _D	Dominant Wavelength	629	590	525	470	-	-	nm

Absolute Maximum Ratings (Ta=25°C)

Parameter	Value						Unit
	Red	Amber	Green	Blue	White	Wrm White	
Power Dissipation	1040	1040	546	546	546	546	mW
Derate/°C > Ta	15.6	15.6	8.2	8.2	8.2	8.2	mW
Operating Voltage	130	130	130	130	130	130	VAC
Operating Temperature	-40<+100	-40<+100	-30<+100	-30<+100	-30<+100	-30<+100	°C
Storage Temperature	-40<+100	-40<+100	-40<+100	-40<+100	-40<+100	-40<+100	°C

Mounting Gasket

Panel Thickness in Decimal	Number Gasket Needed	
	3/16" [4.8mm]	1/16" [1.6mm]
Less than .06	1	2
.06-.120	1	1
.20-.180	1	0
.180-.240	0	2
.240-.300	0	1

Compliances and Approvals

