

Special Features

- Rear mounting friction fit- no mounting hardware require
- Custom housing lengths and lead lengths available
- Optional internal resistor – can be customized for AC applications
- Sealed against moisture and dust - IP66 sealing available
- Fits panel thickness .031" (0.79mm), .060" (1.52 mm)
- .125" (3.18 mm), .187" (4.75 mm), and .220" (5.59 mm)
- Wide selection of wire sizes and types – including Mil Spec MIL-W-22759/33 wire
- Ganged LED assembly with connector built to your spec

Specifications

- Mounting hole: .187" $\pm$.001" (4.75 $\pm$.03 mm)
- Termination: 22AWG UL1061 6.0" (152.4 mm) gray (anode) and black (cathode) leads stripped .250" (6.35 mm) standard or LED pins
- Housing: Black butyrate plastic

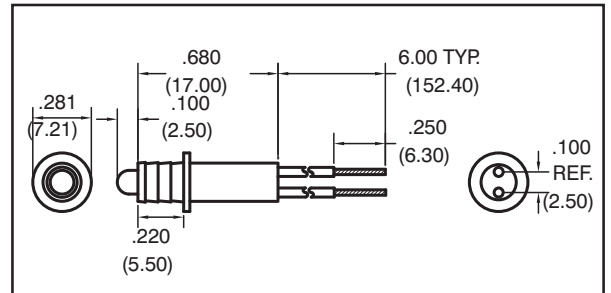
Electrical and Optical Characteristics (TA = 25°C)

LED Part #	Color	Luminous Intensity (mcd) Typ. @ I _f (mA)		V _F Typ. @ I _F (mA)		Viewing Angle 2 θ ½	Peak Wavelength (nm)
HIGH EFFICIENCY							
1300	Yellow	6.0	10	2.0	10	60°	583
1301	Red	5.5	10	1.9	10	60°	635
1302	Green	5.0	10	2.1	10	60°	565
1313	Orange	5.5	10	1.9	10	60°	600
LOW CURRENT (Use -0001 for resistor code)							
1303	Red	2.1	2	1.7	2	50°	635
1304	Yellow	2.1	2	1.8	2	50°	583
1305	Green	2.3	2	1.9	2	50°	565
BICOLOR (2 leaded)							
8901	Red	20.0	20	2.0	20	60°	627
	Green	16.0	20	2.2	20		565
8903	Yellow	7.0	20	2.1	20	60°	590
	Green	16.0	20	2.2	20		565
BLUE							
8310	Blue	1100	20	3.3	20	30°	468
ULTRA BRIGHT							
1310	Red	55.0	20	1.9	20	45°	635
1311	Yellow	45.0	20	2.1	20	45°	583
1312	Green	45.0	20	2.2	20	45°	565
1315	Red	45.0	20	1.8	20	60°	645
SUPER ULTRA BRIGHT							
8306	Green	150.0	20	2.2	20	50°	565
8312	Yellow	700.0	20	2.0	20	50°	590
8313	Red	800.0	20	1.85	20	50°	660
WHITE							
1331	White	1600	20	3.3	20	34°	N/A



3mm Panel Mount LED Assemblies

Package Dimensions



All dimensions are in inches (mm)

Resistor Chart

OPERATING SPECIFICATIONS				
Resistor Value Code	Voltage	Current (mA)	Resistor Value (Ohms) Green, Yellow, Red, Bicolor LED	Resistor Value (Ohms) Blue, White LED
0000	2	10 or 20	None	Not Available
9900	5	10		
9928	5	10		121
9901	12	10	1000	
9902	12	10		715
9903	24	10	2210	
9904	24	10		1910
9905	28	10	2610	
9906	28	10		2320
9907	5	20	150	
9922	5	20		65
9908	12	20	511	
9909	12	20		357
9910	24	20	1100	
9911	24	20		953
9912	48	9	4870	
9913	48	9		4350
9914	60	7	8250	
9915	60	7		7500
9920	120VAC	8	6490	Contact WLI

Note: Bi-Color not available in AC voltages

How To Order

LED Series	LED Part #	Resistor Value Code	Panel Thickness	Sealing Option
L4	X	XXXX	X	X
	Bipins=0 Leads=1	See LED Chart	See Resistor Chart	A=.125" (3.18mm) pnl B=.187" (4.75mm) pnl C=.220" (5.59mm) pnl D=.060" (1.52mm) pnl E=.031" (0.79mm) pnl S = Standard I=IP66 Seal

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

VCC:

[L4-0-1301-0000-A-I](#) [L4-1-1301-9908-C-S](#) [L4-1-1301-9912-A-S](#) [L4-1-1331-0000-A-I](#) [L4-1-8313-0000-A-I](#) [L4-1-8313-9907-A-I](#) [L4-1-8313-9908-A-I](#) [L4-1-8313-9910-A-I](#) [L4-1-8313-9912-A-I](#) [L4-1-8310-9912-A-I](#) [L4-1-8312-0000-A-I](#) [L4-1-8312-9907-A-I](#) [L4-1-8312-9908-A-I](#) [L4-1-8312-9910-A-I](#) [L4-1-8312-9912-A-I](#) [L4-1-8306-9910-A-I](#) [L4-1-8306-9912-A-I](#) [L4-1-8310-0000-A-I](#) [L4-1-8310-9907-A-I](#) [L4-1-8310-9908-A-I](#) [L4-1-8310-9910-A-I](#) [L4-1-1331-9913-A-I](#) [L4-1-1331-9922-A-I](#) [L4-1-1331-9933-A-I](#) [L4-1-8306-0000-A-I](#) [L4-1-8306-9907-A-I](#) [L4-1-8306-9908-A-I](#) [L4-1-1331-9907-A-I](#) [L4-1-1331-9908-A-I](#) [L4-1-1331-9909-A-I](#) [L4-1-1331-9910-A-I](#) [L4-1-1331-9911-A-I](#) [L4-1-1331-9912-A-I](#) [L4-1-1331-9914-A-I](#) [L4-1-8306-9920-A-I](#) [L4-1-8310-9914-A-I](#) [L4-1-8310-9920-A-I](#) [L4-1-8312-9914-A-I](#) [L4-1-8312-9920-A-I](#) [L4-1-8313-9914-A-I](#) [L4-1-8313-9920-A-I](#) [L4-1-1331-9915-A-I](#) [L4-1-1331-9920-A-I](#) [L4-1-8306-9914-A-I](#)