WILBRECHT LEDCO, INC.

4400/7400 Series Panel Mount Cartridge LED

5mm Panel Mount LED Assemblies

Special Features

- Special part marking available – polarity indentification is standard
- Optional internal resistor – can be customized for AC applications
- Choice of body finishes and termination style
- Front mounts with barrel fastener
- Jewelled transparent stovepipe lens provides wide viewing angle

Specifications

- Mounting hole: .297"± .002" (7.54 ± .05 mm)
- Termination: 22 AWG UL1061 4.0" (101.6 mm) gray (anode) and black (cathode) leads stripped to .250" (6.35 mm) standard or bipins (gold plated brass)
- Housing Aluminum body available in bright clear or black anodized finish – internally insulated
- Lens: 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							
4906	Red	20.0	10	2.0	20	60°	627
4907	Green	12.0	10	2.2	20	60°	565
4908	Yellow	6.0	10	2.1	20	60°	583
ULTRA BRIGHT							
4909	Red	50.0	10	2.0	20	30°	627
4910	Green	40.0	10	2.2	20	30°	565
4911	Yellow	35.0	10	2.1	20	30°	590
3044	Blue	60.0	20	3.8	20	20°	430
BLINKING (Operates at 3.5V to 12V, blinking frequency from 3.0Hz to 1.5Hz)							
4002	Red	198.0	22	5.0	22	60°	660
BICOLOR (3 leaded-common cathode)							
0909	Red	697.0	20	1.95	20	60°	650
	Green	198.0	20	2.1	20		574
0910	Yellow	198.0	20	2.0	20	60°	590
	Green	168.0	20	2.1	20		574
WHITE							
3061	White	27000.0	20	3.2	20	15°	N/A

Note: 3 leaded bicolor available as leaded assembly only

How To Order

Series — Hi-Eff=4, Ultrabright=7

LED Part# — See LED Chart

Termination — Bipins=0, Leads=1

Body Finish — 0=Bright Clear Anodized, 1=Black Anodized

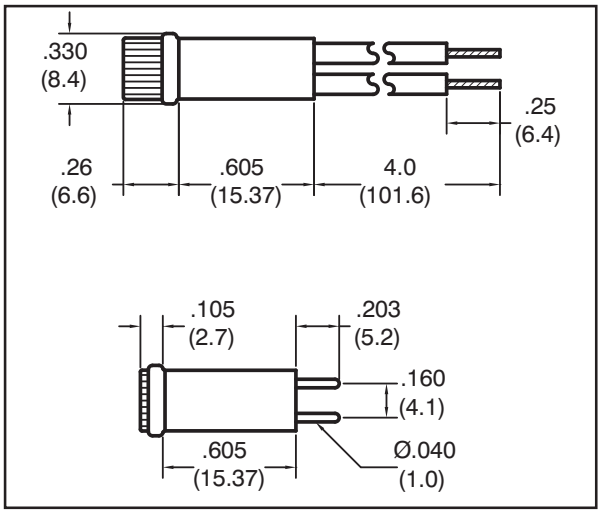
Lens Style — 1=Flush, 2=Stovepipe

Lens Color — 1=Amber, 2=Red, 3=Blue, 4=Green, 5=Clear

Resistor Value Code — See Resistor Chart

X - XXXX - X - X - X - X - XXXX

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	332	
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 VCC

Note: Bi-Color and Tri-Color not available in AC voltages