

CR Series T1 3/4 Panel Mount Reflector LED

Special Features

- Sealed against moisture and dust—watertight O-ring option
- Optional internal resistor for 5V-60VDC and 120VAC
- Daylight visible LEDs
- Custom wire lengths, colors and gauges available
- Wide variety of LEDs—includes 3 leaded tricolor and blinking LEDs
- Connectors available

Specifications

- Mounting hole: .312" (7.94)
- Termination: 24 AWG 6" red (anode) and black (cathode) leads stripped to 1/4" standard or LED pin
- Housing: Nickel-plated brass housing
- Hardware: Hexnut & spacer provided; O-ring provided on watertight option
- Maximum panel thickness: .100" (standard), .070" (watertight)

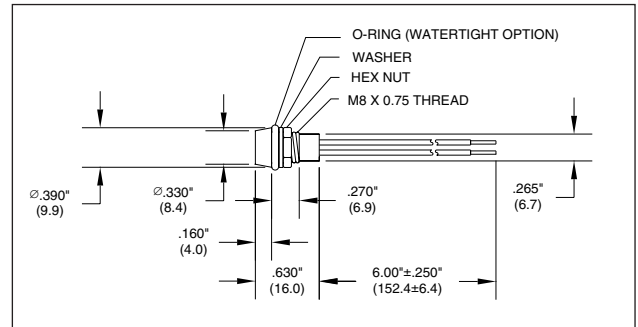
Electrical and Optical Characteristics (T_A=25°C)

LED Part#	Color	Luminous Intensity (mcd) Typ.@I _F (mA)		V _F Typ.@I _F (mA)		Viewing Angle 2θ 1/2	Peak Wavelength (nm)	More LED Data Page#
HIGH EFFICIENCY								
3008	Red	7.0	10	1.9	10	60°	635	24
3019	Green	14.0	10	2.1	10	60°	565	24
3020	Yellow	8.0	10	2.0	10	60°	583	24
3022	Orange	7.0	10	1.9	10	60°	600	24
LOW CURRENT								
3015	Red	2.3	2	1.8	2	50°	635	25
3016	Yellow	2.1	2	1.9	2	50°	583	25
3017	Green	2.3	2	1.8	2	50°	565	25
BLUE								
3044	Blue	40.0	20	4.5	20	60°	430	30
3045	Blue	90.0	20	4.5	20	16°	430	30
BICOLOR								
9001	Red	30.0	20	2.0	20	60°	625	27
	Green	25.0	20	2.2	20		565	
9002	Yellow	15.0	20	2.1	20	60°	590	27
	Green	25.0	20	2.2	20		565	
ULTRA BRIGHT - DAYLIGHT READABLE								
3056	Red	500.0	20	1.9	20	60°	660	24
3055	Yellow	500.0	20	2.1	20	60°	595	24
3054	Green	300.0	20	3.5	20	60°	525	24
SUPER ULTRA BRIGHT								
3036	Red	2500.0	20	1.85	20	30°	660	29
3046	Red	900.0	20	1.9	20	30°	635	29
3047	Green	1750.0	20	3.5	20	30°	524	29
3048	Amber	1300.00	20	2.02	20	30°	592	29
WHITE								
3058	White	1198.0	20	3.65	20	30°	N/A	30



5mm Panel Mount LED Assemblies

Package Dimensions



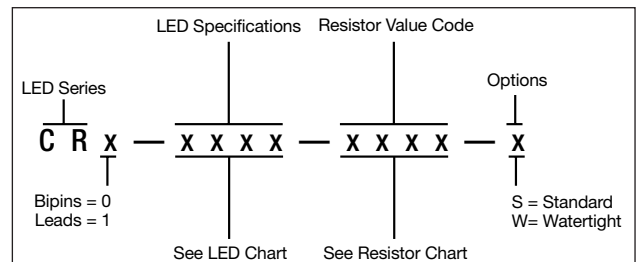
All Dimensions are in inches (mm)

Resistor Chart

OPERATING SPECIFICATIONS				
Resistor Value Code	Voltage	Current (mA)	Resistor Value (Ohms) Red, Green, Yellow, Amber LED	Resistor Value (Ohms) Blue, White LED
9900	5	10	332	None
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	None
9908	12	20	511	
9909	12	20		357
9910	24	20	1100	
9911	24	20		953
9912	48	9	4870	
9913	48	9		4530
9914	60	7	8250	
9915	60	7		7500
9916	120VAC	3.5	34000	Not Available

Note: Bi-Color and Tri-Color not available in AC Voltages.

How To Order



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DIVISION