



Products

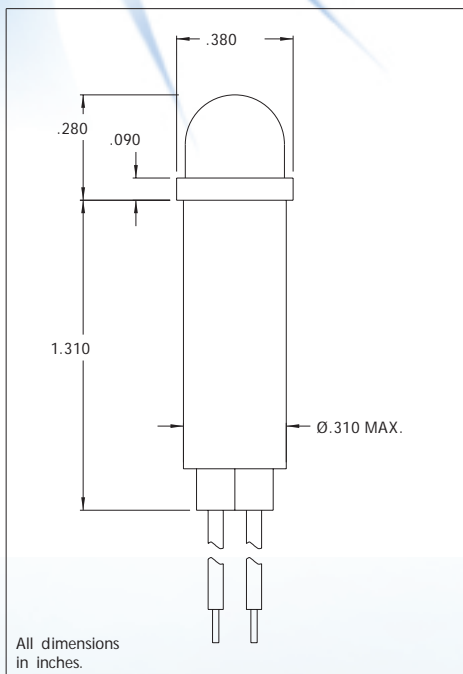
LED Indicators

CML IT offers panel mount indicators manufactured with LED, Neon or Incandescent light sources. These indicators are available in a number of different lens and termination styles, with voltages of 2V ~ 250V available off-the-shelf.

	<p> Part Number: 2191U1-24V Serial Number: 2191 Mounting hole (inch): 5/16" Mounting hole (metric): 7.94mm Indicator type: Mounting type: Bezel type: Bezel material: Bezel color: Bezel size: Protection: Lens type: Lens color: Red Lens size: Connector tpe: 4.5" 22 AWG wire Connector number: Connector for lamp test: Number LED chip: Indicator color: red Dom wave length: Peak wave length (mA): Op. voltage (V): 24.0 Forward volt max: Rectifier: AC current: DC current: Lum in min (mcd): Lum in type (DC): Voltage type (%): Op. temperature (°C): Storage temperature (°C): Narrative: Viewing angle (°): RoHS Status: Yes </p>
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2191U Series Non-Relampable LED Solid-State Indicator Lights

DESCRIPTION AND FEATURES



All dimensions in inches.

Solid-state indicator lights complete with built-in current-limiting resistor and rectifier diode.

Mounting: Ø.310 MIN., supplied with push-on speednut SN1287.

Wire Leads: No.22 AWG (105°C) 4.40/4.80 long, stripped .430/.570

Lens: Polycarbonate

Anode(+): Red lead

Bezel: Polished stainless steel. For black finish add "X" after the series letter(s).

Housing: White Nylon

Lens Color	LED Solid State Indicator		
	Model No. (6V)	Model No. (12V)	Model No. (24V)
Red	2191U 1-6V	2191U 1-12V	2191U 1-24V
Green	2191U 5-6V	2191U 5-12V	2191U 5-24V
Yellow	2191U 7-6V	2191U 7-12V	2191U 7-24V
Internal Resistor (ohms)	150	390	1000

Lens Color	Incorporates LED*
Red	4304H1
Green	4304H5
Yellow	4304H7

* Also incorporates 1N4004 (400 P.I.V.) rectifier diode.

Voltage Table		
Nominal	VAC	VDC
6V	5 to 11	3.5 to 6.5
12V	10 to 20	6 to 13.5
24V	22 to 32	12 to 24

To use 24V model: Beyond 32VAC add 30 ohms per volt; beyond 24 VDC add 50 ohms per volt. Use 1/2W resistor up to 50V; 1W resistor for 50V to 70V; 2W resistor for 75V to 125V. Do not use beyond 125V.