



Right Angle. Single-Level. Round. 0.450"-High Centerline 3mm LED Circuit Board Indicators



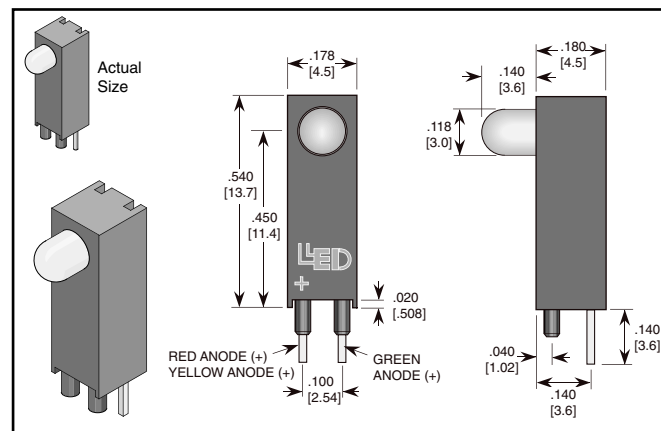
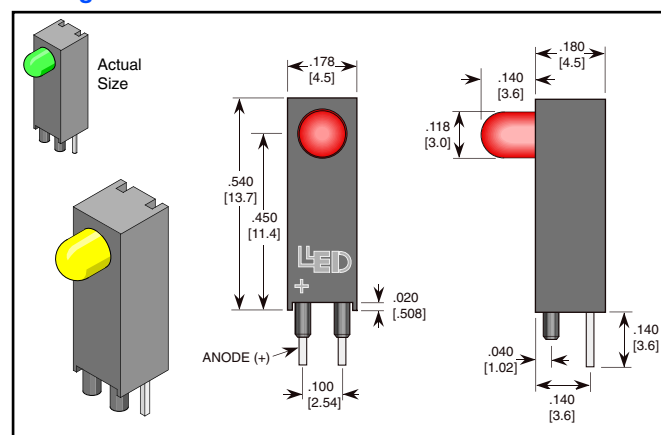
Features

- Locating Pins Assure LED Alignment
- Compliant Housing UL94V-0
- High Efficiency, Wide Angle Illumination
- I.C. Compatible
- Fast Turn On/Off Time
- Available in Standard and Special Colors
- Diffused Lens Standard
- Solid-State, High Shock/Vibration Resistant
- Sunlight Visible
- Configurations: Single Color or Bi-Color
- Long Life / 100,000+ Hours (10 Years)

Options

- Sunlight-Visible Ultrabrights
- Low-Current (2mA) LEDs
- Special Colors: Orange, Cool White, Pure Green
- Infrareds: 840nm, 880nm, 940nm
- Clear Illumination Lens

Package Dimensions



Part Selection

Part Number	LED Color	Lens Type/Color	Electrical-Optical Characteristics (Ta = 25°C)				Full Viewing Angle
			I _f = mA typ	I _v mcd typ	V _f = V typ/max	λ _p nm	

High-Efficiency LED

PC145TR5	RED	DIFFUSED	20	32	2.0/2.6	635	50°
PC145TY5	YELLOW	DIFFUSED	20	24	2.1/2.6	585	50°
PC145TG5	GREEN	DIFFUSED	20	18	2.2/2.6	568	50°

Integral-Resistor LED, 5V

PC145TR3-5V	RED	DIFFUSED	10	10.5	5/6	635	50°
PC145TY3-5V	YELLOW	DIFFUSED	10	9.0	5/6	585	50°
PC145TG3-5V	GREEN	DIFFUSED	10	10	5/6	568	50°

Low-Current LED, 2mA

PC145TR5N-LC	RED	DIFFUSED	2	1.8	1.8/2.2	635	50°
PC145TY5N-LC	YELLOW	DIFFUSED	2	1.9	1.9/2.3	585	50°
PC145TG5N-LC	GREEN	DIFFUSED	2	1.8	1.8/2.2	568	50°

Bi-Color LED

PC145TWRG4	RED	MILKY WHITE	20	5.5	2.0/2.8	635	50°
	GREEN	MILKY WHITE	20	8.0	2.1/2.8	568	50°
PC145TWYG4	YELLOW	MILKY WHITE	20	4.5	2.1/2.8	585	50°
	GREEN	MILKY WHITE	20	10.0	2.1/2.8	568	50°

Direct Cross: Dialight 551-xx04 Series

Specials

Clear Illuminators, High Efficiency
Clear Illuminators, Sunlight Visible
Clear Illuminators Infrared

Example: PC145CWG5 (Green)
Example: PC145CWR3K (Red)
Example: PC145CIR941 (940nm)

Typical Application

