

**Features**

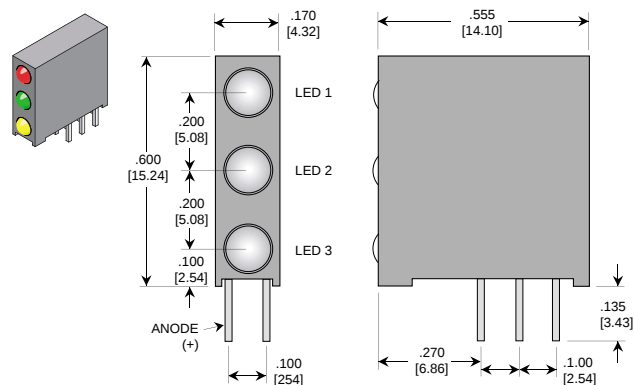
- Extended housing eliminates bleed
- Housing material meets UL94V-0
- Narrow viewing angle
- Fast turn on/off time I.C. compatible
- Available in standard and special colors
- Diffused lens standard
Clear illuminator optional
- Solid-State, high shock/vibration resistant
- Single color or Bicolor configurations
- 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

Tri-level Indicator LEDs

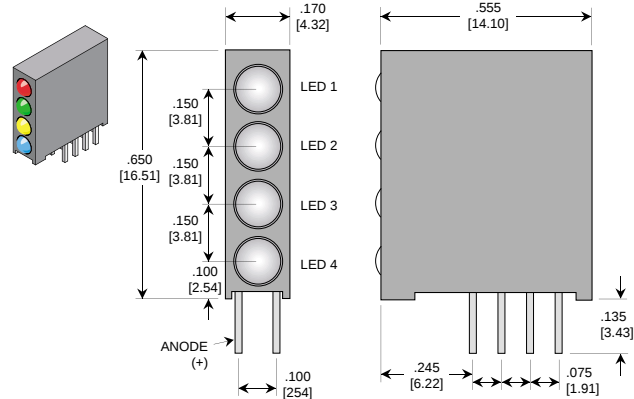
31PCS170TXX4



Part Number	LED Color	Lens Type/Color	Electrical-Optical Characteristics (Ta = 25°C)				Full Viewing Angle
			If = mA typ	Iv mcd typ	Vf = V typ/max	λP nm	
31PCS170TR5	RED	DIFFUSED	20	40	1.8/2.4	635	50°
31PCS170TY5	YELLOW	DIFFUSED	20	60	1.8/2.4	585	50°
31PCS170TG5	GREEN	DIFFUSED	20	70	1.8/2.4	565	50°
31PCS170CR5	RED	CLEAR	10	100	2.0/2.8	635	25°
31PCS170CY5	YELLOW	CLEAR	10	90	2.1/2.8	585	25°
31PCS170CG5	GREEN	CLEAR	20	110	2.2/3.0	565	25°
31PCS170TR3-5V	RED	DIFFUSED	10	4.0	5/7.5	635	60°
31PCS170TY3-5V	YELLOW	DIFFUSED	10	4.0	5/7.5	585	60°
31PCS170TG3-5V	GREEN	DIFFUSED	12	4.0	5/7.5	565	60°
31PCS170TWRG4	RED	MILKY WHITE	20	6.0	2.0/2.8	635	120°
	GREEN	MILKY WHITE	20	6.0	2.1/2.8	568	120°
31PCS170TWYG4	YELLOW	MILKY WHITE	20	7.0	2.1/2.8	585	120°
	GREEN	MILKY WHITE	20	6.0	2.1/2.8	568	120°

Quad-level Indicator LEDs

41PCS170TXX4



Part Number	LED Color	Lens Type/Color	Electrical-Optical Characteristics (Ta = 25°C)				Full Viewing Angle
			If = mA typ	Iv mcd typ	Vf = V typ/max	λP nm	
41PCS170TR5	RED	DIFFUSED	20	40	1.8/2.4	635	50°
41PCS170TY5	YELLOW	DIFFUSED	20	60	1.8/2.4	585	50°
41PCS170TG5	GREEN	DIFFUSED	20	70	1.8/2.4	565	50°
41PCS170CR5	RED	CLEAR	10	100	2.0/2.8	635	25°
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41PCS170CG5	GREEN	CLEAR	20	110	2.2/3.0	565	25°
41PCS170TR3-5V	RED	DIFFUSED	10	4.0	5/7.5	635	60°
41PCS170TY3-5V	YELLOW	DIFFUSED	10	4.0	5/7.5	585	60°
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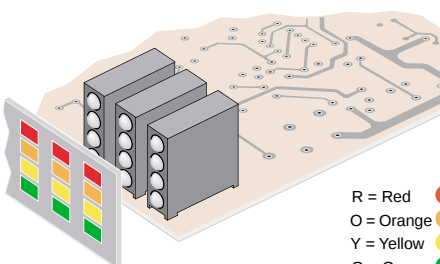
Examples of part number ordering code

All LEDs same color	
41PCS170TG5	
No. of LEDs high	LED color
No. of LEDs across	Lens type: T = diffused
Body style	

Mixed colors same type LED	
41PCS170T5-Y/Y/Y/G	
No. of LEDs high	LED (1),(2),(3),(4) color
No. of LEDs across	Brightness code
Body style	
Lens type: T = diffused	

All LEDs same Bi-color	
41PCS170TWYG4	
No. of LEDs high	LED color
No. of LEDs across	Lens type: TW = Milky White
Body style	

Mixed colors, 5V/12V Resistor LEDs	
41PCS170T3-Y/G/Y/G-5V	
No. of LEDs high	Resistor value
No. of LEDs across	LED (1),(2),(3),(4) color
Body style	
Brightness code	
Lens type: T = diffused	



R = Red
O = Orange
Y = Yellow
G = Green
B = Blue

Typical Application