

Part Number	Emitted Color	Lens Color/ Type	Projection Type	Electrical-Optical Characteristics (Ta = 25°C)				View Angle 2θ <sub>1/2</sub>	Figure
				I <sub>f</sub> (mA)	I <sub>v</sub> (mcd) typ	V <sub>f</sub> (V) typ/max	λ <sub>p</sub> (nm)		

### T1-3/4 (5mm) High-Efficiency (Diffused) Indicator LEDs

<p>Same Color</p> <p>Mix Color (See Fig. 1 Part Number Example)</p>	21PCS200TR5A-140 (TR4)	HE RED	RED Diffused	Low	20	80	2.0/2.6	635	55°	1
	21PCS200TO5A-140 (TO4)	ORANGE	ORN Diffused	Low	20	80	2.0/2.6	610	55°	
	21PCS200TY5A-140 (TY4)	YELLOW	YEL Diffused	Low	20	70	2.1/2.6	585	55°	
	21PCS200TG5A-140 (TG5)	HE GREEN	GRN Diffused	Low	20	70	2.1/2.8	565	55°	
	21PCS200TPG5A-140	PURE GREEN	GRN Diffused	Low	20	15	2.1/2.5	555	55°	
	21PCS200TUB5-140	BLUE	BLU Diffused	Low	20	18	3.8/5.0	430	55°	

### T1-3/4 (5mm) Sunlight Visible (Water-Clear) Illuminator Backlight LEDs

<p>Same Color</p> <p>Mix Color (See Fig. 1 Part Number Example)</p>	21PCS200-OUR-140N	ULTRA RED	Water-Clear	Low	20	2.0K	2.0/2.6	660	15°	1
	21PCS200-0ER-140N	RED	Water-Clear	Low	20	3.5K	2.2/2.6	633	15°	
	21PCS200-0UO-140N	ORANGE	Water-Clear	Low	20	6.5K	2.2/2.6	612	15°	
	21PCS200-0UY-140N	YELLOW	Water-Clear	Low	20	5.5K	2.2/2.6	595	15°	
	21PCS200-0UG-140N	LIME GREEN	Water-Clear	Low	20	1.0K	2.0/2.6	570	15°	
	21PCS200-1CW-140N	COOL WHITE	Water-Clear	Low	20	930	3.6/4.0	8000K	15°	
	21PCS200-0CW-140S	COOL WHITE	Water-Clear	Low	20	6.0K	3.6/4.0	8000K	20°	
	21PCS200-1AG-140N	GREEN	Water-Clear	Low	20	1.7K	3.5/4.0	525	15°	
	21PCS200-0AG-140N	AQUA GREEN	Water-Clear	Low	20	10.0K	3.5/4.0	525	15°	
	21PCS200-1PB-140N	BLUE	Water-Clear	Low	20	430	3.6/4.0	470	15°	
	21PCS200-0PB-140N	BLUE	Water-Clear	Low	20	3.0K	3.6/4.0	470	15°	

### T1-3/4 (5mm) Bicolor (Diffused) LEDs, 2-Leaded

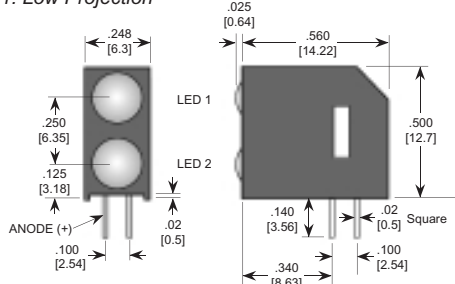
<p>Same Color</p> <p>Mix Color (See Fig. 1 Part Number Example)</p>	21PCS200TWRG4A-140	ULTRA RED	WHT Diffused	Low	20	120	1.8/2.4	660	55°	1
		HE GREEN		Low	20	70	2.2/2.6	568	55°	
	21PCS200TWRG4B-140	HE RED	WHT Diffused	Low	20	60	2.0/2.6	635	55°	
		HE GREEN		Low	20	70	2.2/2.6	568	55°	
	21PCS200TWRY4B-140	HE RED	WHT Diffused	Low	20	60	2.0/2.6	635	55°	
		YELLOW		Low	20	60	2.1/2.6	585	55°	
	21PCS200TWYG4B-140	YELLOW	WHT Diffused	Low	20	60	2.1/2.6	585	55°	
		HE GREEN		Low	20	70	2.6/2.6	568	55°	

### T1-3/4 (5mm) 5 & 12 Volt Integrated Resistor (Diffused) LEDs

<p>Same Color</p> <p>Mix Color (See Fig. 1 Part Number Example)</p>	21PCS200TR3-5V-140	HE RED	RED Diffused	Low	20	28	5.0/5.5	635	55°	1
	21PCS200TR3-12V-140	HE RED	RED Diffused	Low	20	8	12/13.5	635	55°	
	21PCS200TY3-5V-140	YELLOW	YEL Diffused	Low	20	21	5.0/5.5	585	55°	
	21PCS200TY3-12V-140	YELLOW	YEL Diffused	Low	20	8	12/13.5	585	55°	
	21PCS200TG3-5V-140	HE GREEN	GRN Diffused	Low	20	28	5.0/5.5	565	55°	
	21PCS200TG3-12V-140	HE GREEN	GRN Diffused	Low	20	8	12/13.5	565	55°	

Custom Options: OEM large quantity requirements

Figure 1. Low Projection



**Part Number Example: Mix Color**  
 21PCS200T5A-G/Y (Green top, Yellow bottom)

**21PCS200T5A-G/Y**

- No. of LEDs High
- No. of LEDs Across
- Body Style
- Internal Ref.
- Lens Type: T= Diffused
- Bottom Color
- Top Color

**Part Number Example: 1 Blank Space**  
 21PCS200T5A-G/x (Green top, Blank bottom)

Log # 125L.ppt Rev 07-2001