

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

	PCT200TR5A-140-SI	HE RED	●	RED Diffused	Standard	20	80	2.0/2.6	635	55°	1
	PCT200TO5A-140-SI	ORANGE	●	ORN Diffused	Standard	20	80	2.0/2.6	610	55°	
	PCT200TY5A-140-SI	YELLOW	●	YEL Diffused	Standard	20	70	2.1/2.6	585	55°	
	PCT200TG5A-140-SI	HE GREEN	●	GRN Diffused	Standard	20	70	2.1/2.8	565	55°	
	PCT200TPG5A-140-SI	PURE GREEN	●	GRN Diffused	Standard	20	15	2.1/2.5	555	55°	
	PCT200TUB5-140-SI	BLUE	●	BLU Diffused	Standard	20	18	3.8/5.0	430	55°	

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

	PCT200C-0UR-140N-SI	ULTRA RED	●	Water-Clear	Standard	20	2.0K	2.0/2.6	660	15°	1
	PCT200C-0ER-140N-SI	RED	●	Water-Clear	Standard	20	3.5K	2.2/2.6	633	15°	
	PCT200C-0UO-140N-SI	ORANGE	●	Water-Clear	Standard	20	6.5K	2.2/2.6	612	15°	
	PCT200C-0UY-140N-SI	YELLOW	●	Water-Clear	Standard	20	5.5K	2.2/2.6	595	15°	
	PCT200C-0UG-140N-SI	LIME GREEN	●	Water-Clear	Standard	20	1.0K	2.0/2.6	570	15°	
	PCT200C-1CW-140N-SI	COOL WHITE	○	Water-Clear	Standard	20	930	3.6/4.0	8000K	15°	
	PCT200C-0CW-140S-SI	COOL WHITE	○	Water-Clear	Standard	20	6.0K	3.6/4.0	8000K	20°	
	PCT200C-1AG-140N-SI	GREEN	●	Water-Clear	Standard	20	1.7K	3.5/4.0	525	15°	
	PCT200C-0AG-140N-SI	AQUA GREEN	●	Water-Clear	Standard	20	10.0K	3.5/4.0	525	15°	
	PCT200C-1PB-140N-SI	BLUE	●	Water-Clear	Standard	20	430	3.6/4.0	470	15°	
	PCT200C-0PB-140N-SI	BLUE	●	Water-Clear	Standard	20	3.0K	3.6/4.0	470	15°	

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

	PCT200TRG4A-140-SI	UL RED	●	WHT Diffused	Standard	20	120	1.8/2.4	660	55°	1
		HE GREEN	●			20	70	2.2/2.6	568	55°	
	PCT200TRG4B-140-SI	HE RED	●	WHT Diffused	Standard	20	60	2.0/2.6	635	55°	
		HE GREEN	●			20	70	2.2/2.6	568	55°	
	PCT200TRWY4B-140-SI	HE RED	●	WHT Diffused	Standard	20	60	2.0/2.6	635	55°	
		YELLOW	●			20	60	2.1/2.6	585	55°	
	PCT200TRWYG4B-140-SI	YELLOW	●	WHT Diffused	Standard	20	60	2.1/2.6	585	55°	
		HE GREEN	●			20	70	2.6/2.6	568	55°	

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

	PCT200TR3-5V-140-SI	HE RED	●	RED Diffused	Standard	20	28	5.0/5.5	635	55°	1
	PCT200TR3-12V-140-SI	HE RED	●	RED Diffused	Standard	20	8	12/13.5	635	55°	
	PCT200TY3-5V-140-SI	YELLOW	●	YEL Diffused	Standard	20	21	5.0/5.5	585	55°	
	PCT200TY3-12V-140-SI	YELLOW	●	YEL Diffused	Standard	20	8	12/13.5	585	55°	
	PCT200TG3-5V-140-SI	HE GREEN	●	GRN Diffused	Standard	20	28	5.0/5.5	565	55°	
	PCT200TG3-12V-140-SI	HE GREEN	●	GRN Diffused	Standard	20	8	12/13.5	565	55°	

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

	14PCT190TR4-140	HE RED	●	RED Diffused	Medium	20	60	2.0/2.6	635	55°	2
	14PCT190TY4-140	YELLOW	●	YEL Diffused	Medium	20	50	2.1/2.6	585	55°	
	14PCT190TG4-140	HE GREEN	●	GRN Diffused	Medium	20	65	2.2/2.6	565	55°	
	14PCT190TRG4-140 (Bi-Color)	UL RED	●	WHT Diffused	Medium	20	120	1.7/2.6	660	55°	
		HE GREEN	●			20	80	2.2/2.6	568	55°	

**Custom Options:**  
OEM large quantity requirements

### Arrayable Design

**Mixed Color PN Example:**

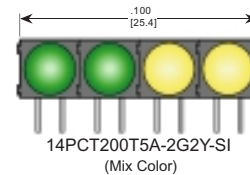
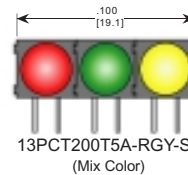
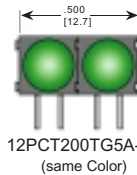


Figure 1. Standard Projection

### Arrayable Design

(Not recommended beyond 4 position)  
See example above

**Custom Options**  
(for qualified applications)

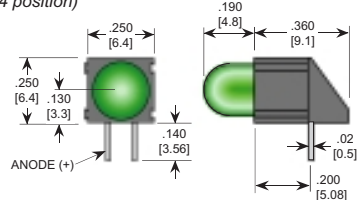
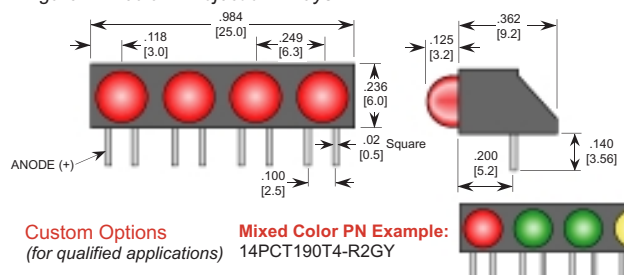


Figure 2. Medium Projection Arrays



Log # 125L pg4 Rev 07-2001