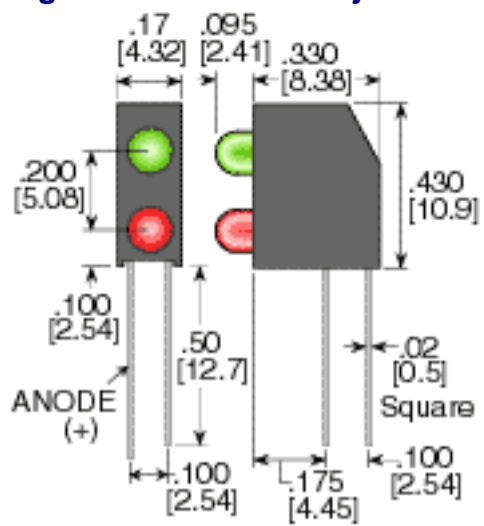




# 3mm Right-Angle Bilevel PCB LEDs

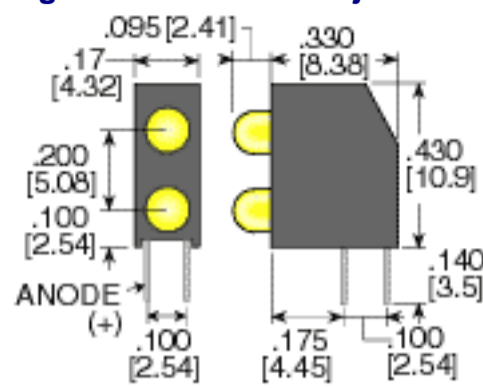
**Series 21PCT170**

**Figure 1. Standard Projection**



PN Example:  
21PCT170G/R4

**Figure 2. Standard Projection**



PN Example:  
21PCT170TY/Y4-140

Custom Options: Contact factory for all custom inquiries.  
Retail Price; \*Volume Discount Available

Lens Color/Type: Dif. = Diffused, Wtr-Clr = Water Clear

Iso-metric Image	Part Number						Emitted Color	Lens Color/Type	Projection Type	Electrical-Optical Characteristics (T <sub>a</sub> = 25°C)				View Angle (2θ <sub>1/2</sub> )	Fig.	
	Ord. Mk.	Long Lead (0.5" Min.)	Retail Price (*)	Ord. Mk.	Short Lead (0.14")	Retail Price (*)				I <sub>f</sub> (mA)	I <sub>v</sub> (mcd) typ	V <sub>f</sub> (V) typ/max	λ <sub>p</sub> (nm)			
		21PCT170TR6			21PCT170TR6-140		Ultra Red	Red Dif.	Std.	20	100	1.7/2.6	660	45°	1	
		21PCT170TR4 (5)			21PCT170TR4-140		HE Red	Red Dif.	Std.	20	30	2.0/2.8	635	45°		
		21PCT170TR1			21PCT170TR1-140		Std Red	Red Dif.	Std.	20	3	1.7/2.0	665	45°		
		21PCT170TO4 (5)			21PCT170TO4-140		Orange	Orn Dif.	Std.	20	14	2.1/2.8	610	45°		
		21PCT170TY4 (5)			21PCT170TY4-140		Yellow	Yel Dif.	Std.	20	24	2.1/2.8	585	45°		
		21PCT170TG4 (5)			21PCT170TG4-140		HE Grn	Grn Dif.	Std.	20	12	2.1/2.8	565	45°		
		21PCT170TUB5			21PCT170TUB5-140		Ultra Blue	Blu Dif.	Std.	20	30	3.8/5.0	430	45°		
		21PCT170T-0UR			21PCT170T-0UR-140		Ultra Red	Red Dif.	Std.	20	700	2.0/2.6	660	45°	1	
		21PCT170T-0UO			21PCT170T-0UO-140		Orange	Orn Dif.	Std.	20	1000	2.0/2.6	610	45°		
		21PCT170T-0UY			21PCT170T-0UY-140		Yellow	Yel Dif.	Std.	20	480	2.0/2.6	592	45°		
		21PCT170T-0UG			21PCT170T-0UG-140		Lime Grn	Grn Dif.	Std.	20	300	2.0/2.6	570	45°		
		21PCT170T-1AG			21PCT170T-1AG-140		Aqua Grn	Grn Dif.	Std.	20	300	3.5/4.0	523	45°		
		21PCT170T-1PB			21PCT170T-1PB-140		Pure Blue	Blu Dif.	Std.	20	120	3.6/4.0	470	45°		
see above		21PCT170TR5N-LC			21PCT170TR5N-140/LC		HE Red	Red Dif.	Std.	20	2.2	1.8/2.2	635	45°	1	
		21PCT170TY5N-LC			21PCT170TY5N-140/LC		Yellow	Yel Dif.	Std.	20	2.3	1.9/2.7	585	45°		
		21PCT170TG5N-LC			21PCT170TG5N-140/LC		HE Grn	Grn Dif.	Std.	20	2.2	1.8/2.2	568	45°		
		21PCT170CWR5N			21PCT170CWR5N-140		HE Red	Wtr-Clr	Std.	20	100	2.0/2.6	635	30°	1	
		21PCT170CWY5N			21PCT170CWY5N-140		Yellow	Wtr-Clr	Std.	20	90	2.1/2.6	585	30°		
		21PCT170CWG5N			21PCT170CWG5N-140		HE Grn	Wtr-Clr	Std.	20	110	2.1/2.6	568	30°		
see above		21PCT170CR4 (5)			21PCT170CR4-140		HE Red	Red Clr	Std.	20	100	2.0/2.6	635	30°	1	
		21PCT170CY4 (5)			21PCT170CY4-140		Yellow	Yel Clr	Std.	20	90	2.1/2.6	585	30°		
		21PCT170CG4 (5)			21PCT170CG4-140		HE Grn	Grn Clr	Std.	20	110	2.1/2.6	568	30°		
		21PCT170-0UR			21PCT170-0UR-140		Ultra Red	Wtr-Clr	Std.	20	800	2.0/2.6	660	30°	1	
		21PCT170-0UO			21PCT170-0UO-140		Orange	Wtr-Clr	Std.	20	600	2.0/2.6	620	30°		
		21PCT170-0UY			21PCT170-0UY-140		Yellow	Wtr-Clr	Std.	20	700	2.0/2.6	595	30°		
		21PCT170-1CW			21PCT170-1CW-140		Cool White	Wtr-Clr	Std.	20	250	3.6/4.0	8000K	30°		
		21PCT170-0UG			21PCT170-0UG-140		Lime Grn	Wtr-Clr	Std.	20	600	2.0/2.6	570	30°		
		21PCT170-1AG			21PCT170-1AG-140		Aqua Grn	Wtr-Clr	Std.	20	600	3.5/4.0	525	30°		
		21PCT170-1PB			21PCT170-1PB-140		Pure Blue	Wtr-Clr	Std.	20	400	3.6/4.0	470	30°		
see above		21PCT170TWRG4B			21PCT170TWRG4B-140		HE Red	White Diffused	Std.	20	30	2.0/2.6	630	50°	2	
						HE Grn	20			30	2.2/2.6	568	50°			
		21PCT170TWYG4B			21PCT170TWYG4B-140		Yellow	White Diffused	Std.	20	15	2.1/2.6	585	50°		
						HE Grn	20			30	2.2/2.8	568	50°			
see above		21PCT170TR3-5V			21PCT170TR3-5V-140		HE Red	Red Dif.	Std.	20	4	5V	635	30°	1	
		21PCT170TY3-5V			21PCT170TY3-5V-140		Yellow	Yel Dif.	Std.	20	4	5V	585	30°		
		21PCT170TG3-5V			21PCT170TG3-5V-140		HE Grn	Grn Dif.	Std.	20	3.5	5V	565	30°		
		Part Number						Emitted Color	Lens Color/Type	Projection Type	Electrical-Optical Characteristics (T <sub>a</sub> = 25°C)				View Angle (2θ <sub>1/2</sub> )	Fig.
		Ord. Mk.	Long Lead (0.5" Min.)	Retail Price (*)	Ord. Mk.	Short Lead (0.14")	Retail Price (*)				I <sub>f</sub> (mA)	I <sub>v</sub> (mcd) typ	V <sub>f</sub> (V) typ/max	λ <sub>p</sub> (nm)		

Custom Options: Contact factory for all custom inquiries.