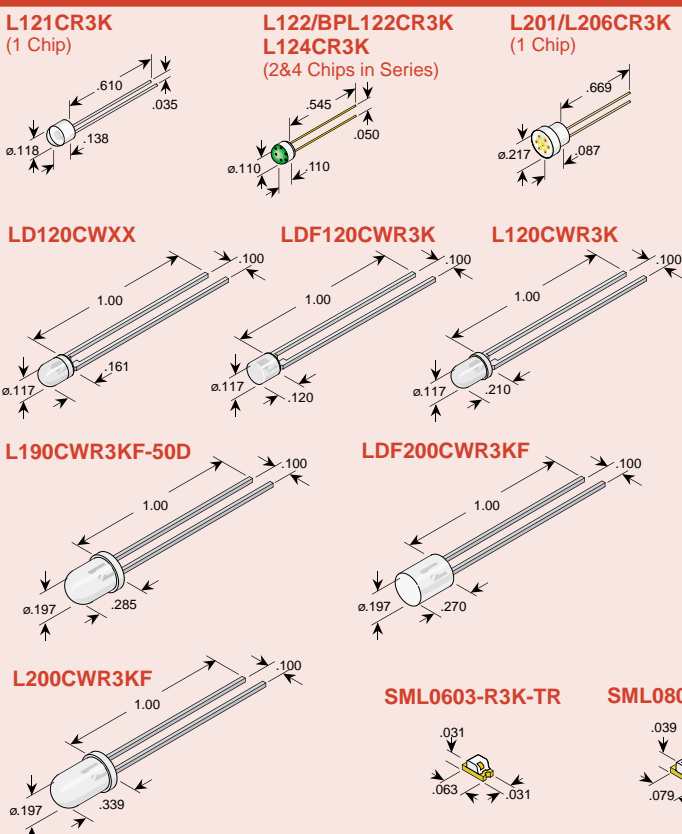




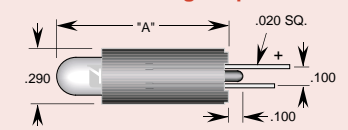
3mm & 5mm Vertical, Right Angle, Single & Multi-Level 660nm Ultra Red Discrete & PCB LEDs

Discrete & PCB Packages

Part Number	LED Color	Lens Color	Electrical-Optical Characteristics (Ta = 25°C)			Chromaticity Coordinates typ		Full Viewing Angle
			If = mA typ/max	Iv mcd typ	Vf = V typ/max	X	Y	
L121CR3K (1 Chip)	UL Red	W Clear	20/30	180	2.0/2.6	0.62	0.37	65°
L122/BPL122CR3K L124CR3K (2&4 Chips in Series)	UL Red	W Clear	20/30	100	2.0/2.6	0.62	0.37	120°
L201/L206CR3K (1 Chip)	UL Red	W Clear	20/30	900	2.0/2.6	0.62	0.37	25°
LD120CWXX	UL Red	W Clear	20/30	650	2.0/2.6	0.62	0.37	45°
LDF120CWR3K	UL Red	W Clear	20/30	2000	2.0/2.6	0.62	0.37	15°
L120CWR3K	UL Red	W Clear	20/30	760	2.0/2.6	0.62	0.37	30°
L122CR3K-2VF	UL Red	W Clear	20/30	125	2.0/2.6	0.62	0.37	120°
L122CR3K-4VF	UL Red	W Clear	10/15	70	1.7/2.1	0.62	0.37	160°
BPL122CR3K-4VF	UL Red	W Clear	10/15	70	3.5/4.2	0.62	0.37	160°
L124CR3K-6.8VF	UL Red	W Clear	10/15	70	6.8/8.4	0.62	0.37	160°
L201CR3K-2VF	UL Red	W Clear	10/15	200	1.7/2.1	0.62	0.37	160°
L206CR3K-3.4VF	UL Red	W Clear	20/30	200	3.4/4.2	0.62	0.37	160°
L206CR3K-5.4VF	UL Red	W Clear	20/30	200	5.3/6.3	0.62	0.37	160°
L206CR3K-10VF	UL Red	W Clear	10/15	200	10.6/12.7	0.62	0.37	160°
SML0603-R3K-TR	UL Red	W Clear	20/30	40	2.0/2.6	0.62	0.37	140°
SML0805-R3K-TR	UL Red	W Clear	20/30	40	2.0/2.6	0.62	0.37	140°
SML1206-R3K-TR	UL Red	W Clear	20/30	45	2.0/2.6	0.62	0.37	140°
SML10R3KT-TR	UL Red	W Clear	20/30	65	2.0/2.6	0.62	0.37	120°
SPL300CWR3K	UL Red	W Clear	20/30	350	2.0/2.6	0.62	0.37	60°
SPL301CWR3K	UL Red	W Clear	20/30	250	2.0/2.6	0.62	0.37	85°



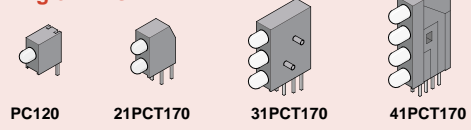
5mm Variable Height Spacer LED



*	Height "A"
-050T	0.50"/xmmm
-060T	0.60"/xmmm
-070T	0.70"/xmmm
-080T	0.80"/xmmm
-090T	0.90"/xmmm
-100T	1.00"/xmmm

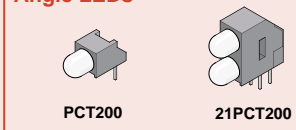
PN Example: BP280CWR3K-2Vf-050T*
For LED Specs See PN L200CWR3K Above

T1 (3mm) Right Angle LEDs



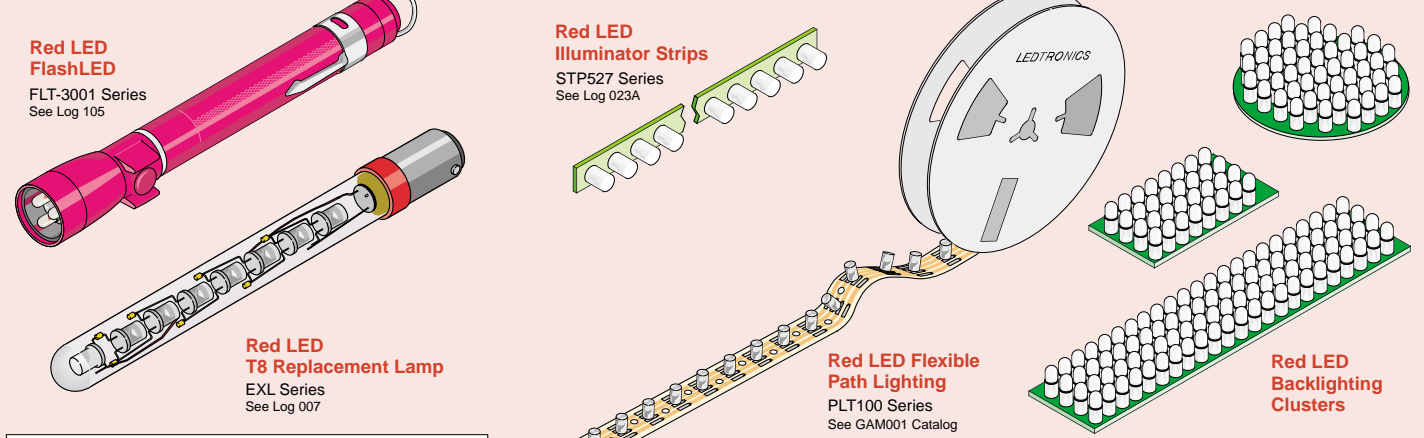
For LED Specs See Part Number LD120CWR3K Above

T1-3/4 (5mm) Right Angle LEDs



For LED Specs See Part Number LD200CWR3KF Above

Custom Packages



All dimensions in inches. For millimeters multiply by 25.4

Log # 093D Rev 03-00

