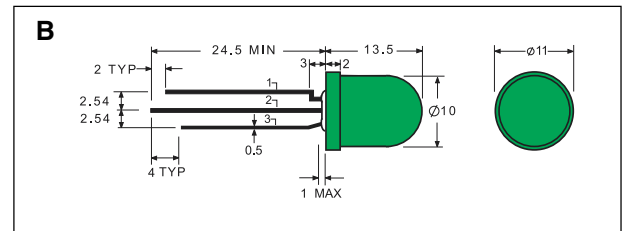


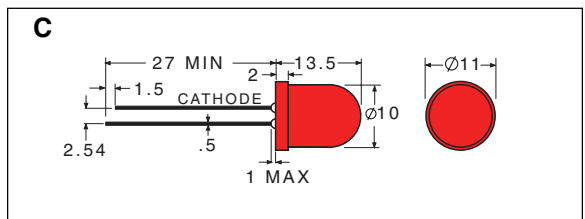
## T-3 1/4 Jumbo LEDs (10mm)

	Line No.	Part No.	Lens	Luminous Intensity at 20mA		Viewing Angle 2θ½	Forward Voltage at 20mA		Peak Wave Length at 20mA	Drawing
				Minimum	Maximum		Typical	Maximum		
ULTRA BRIGHT ● RED	1	E186	Diffused	550mcd	650mcd	60°	1.85V	2.5V	660nm	A
HIGH EFFICIENCY ● RED	2	E176	Diffused	20mcd	100mcd	50°	2.0V	2.5V	625nm	A
ULTRA BRIGHT ● ORANGE	3	E179	Diffused	400mcd	1000mcd	60°	1.95V	2.5V	620nm	A
● YELLOW	4	E177	Diffused	20mcd	70mcd	50°	2.1V	2.5V	590nm	A
● GREEN	5	E178	Diffused	20mcd	70mcd	50°	2.2V	2.5V	565nm	A



## T-3 1/4 Jumbo, Bi-Color LED (10mm)

	Line No.	Part No.	Lens	Luminous Intensity at 20mA		Viewing Angle 2θ½	Forward Voltage at 20mA		Peak Wave Length at 20mA	Leads	Drawing
				Minimum	Maximum		Typical	Maximum			
● RED & ● GREEN	6	E187	White Diffused	100mcd 40mcd	300mcd 70mcd	50° 50°	1.85V 2.2V	2.5V 2.5V	660nm 565nm	1.Red Anode 2.Cathode 3.Green Anode	B
● RED & ● GREEN	7	E188	White Diffused	30mcd 20mcd	90mcd 60mcd	50° 50°	2.0V 2.2V	2.5V 2.5V	660nm 565nm	1.Red Anode 2.Cathode 3.Green Cathode	B
● GREEN & ● YELLOW	8	E189	White Diffused	20mcd 20mcd	60mcd 60mcd	50° 50°	2.2V 2.1V	2.5V 2.5V	565nm 590nm	1.Green Anode 2.Cathode 3.Yellow Anode	B



## T-3 1/4 Jumbo, Flashing LEDs (10mm)

	Line No.	Part No.	Lens	Forward D.C. Voltage			Forward Current (mA)			Luminous Intensity at 9.0VDC		Viewing Angle 2θ½	Frequency (Hz)	Peak Wave Length	Drawing
				Min	Typical	Max	Min	Typical	Max	Min	Max				
● RED	9	E162	Diffused	3.5	12.0	13.0	38	56	70	100mcd	400mcd	60°	2.5 - 1.5	660nm	C
● YELLOW	10	E163	Diffused	3.5	12.0	13.0	38	56	70	20mcd	70mcd	60°	2.5 - 1.5	590nm	C
● GREEN	11	E164	Diffused	3.5	12.0	13.0	38	56	70	20mcd	70mcd	60°	2.5 - 1.5	565nm	C