



# Electrical/Optical Characteristics And Curves at $T_A=25^\circ\text{C}$

PART NUMBER	LED CHIP		LEN'S COLOR	PEAK WAVELENGTH @20mA(nm)	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @20mA(mcd)		VIEW ANGLE 2q <sub>1/2</sub> (deg)
	MATERIAL	EMITTING COLOR			TYP.	MAX.	MIN.	TYP.	
LT7311-81	GaAsP	RED	RED DIFF.	655	1.7	2.0	1.4	2.3	60
LT7312-81			WHITE DIFF.						
LT7311G-81	GaP	RED	RED DIFF.	700	2.1	3.0	2.0	3.4	60
LT7312G-81			WHITE DIFF.						
LT7321-81	GaP	GREEN	GREEN DIFF.	567	2.1	2.6	5.3	8.8	60
LT7322-81			WHITE DIFF.						
LT7331-81	GaAsP ON GaP	YELLOW	YELLOW DIFF.	585	2.1	3.0	4.3	7.2	60
LT7332-81			WHITE DIFF.						
LT7341-81	GaAsP ON GaP	ORANGE	ORANGE DIFF.	635	2.1	3.0	6.1	10.1	60
LT7342-81			WHITE DIFF.						
LT7341R-81			RED DIFF.						

(1) SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

(2) ALL ABOVE COMPONENTS ARE CONSIDERED . DEVIATIONS FROM STATED SPECIFICATIONS WILL REQUIRE A NEW PART NUMBER BE ASSIGNED.

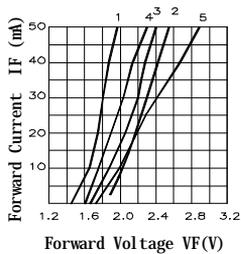


Fig.1 FORWARD CURRENT VS. FORWARD VOLTAGE

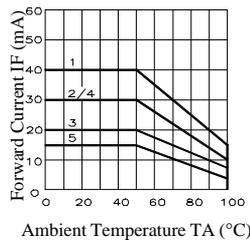


Fig.2 FORWARD CURRENT DERATING CURVE

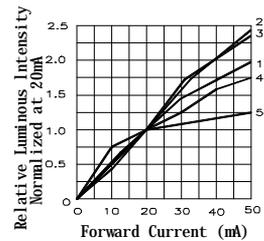


Fig.3 RELATIVE LUMINOUS INTENSITY VS. FORWARD CURRENT

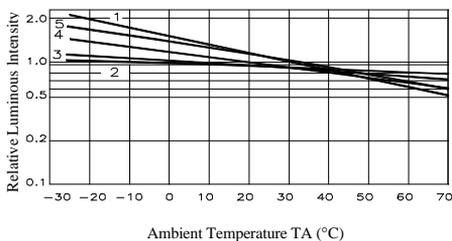


Fig.4 LUMINOUS INTENSITY VS. AMBIENT TEMPERATURE

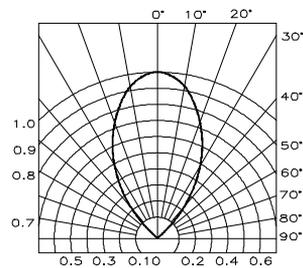


Fig.5 RADIATION PATTERN