



LT18X1F-91

5.0MM ROUND FLASHING LAMP

Features

- * BUILT-IN OSCILLATOR AND RESISTOR
- * HIGH LIGHT OUTPUT
- * RELIABLE AND RUGGED

PRELIMINARY

Absolute Maximum Ratings at T_A=25°C

OPERATING VOLTAGE	3 TO 5.0V
PEAK REVERSE VOLTAGE.....	0.4V
OPERATING TEMPERATURE RANGE.....	0°C TO +70°C
STORAGE TEMPERATURE RANGE.....	-25°C TO +85°C
LEAD SOLDERING TEMP. (1.6mm FROM BODY).....	260°C FOR 5 SEC.

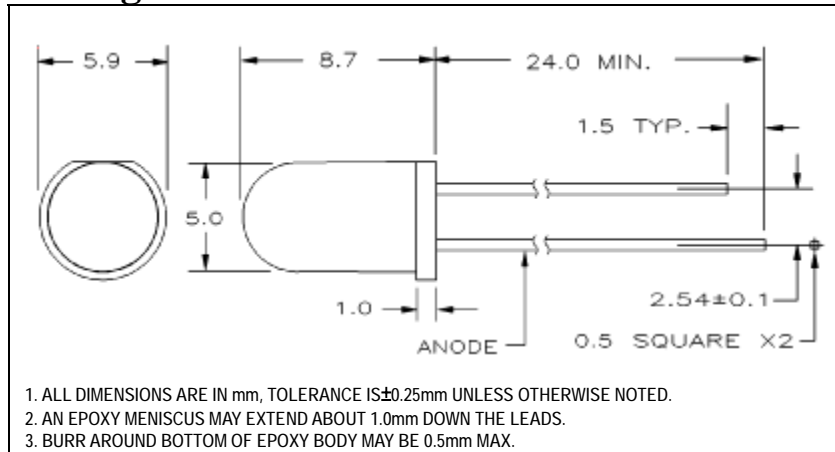
Electrical/optical characteristics at T_A=25°C

PART NUMBER	EMITTING COLOR	LEN'S COLOR	PEAK WAVELENGTH @5V (nm)	APPLIED VOLTAGE (V)		LUMINOUS INTENSITY @5V (mcd)		FLASHING FREQUENCY @5V (Hz)	VIEW ANGLE 2θ _{1/2} (deg)
				MIN.	MAX.	MIN.	TYP.		
LT1811GF-91	RED	R.D.	700	3.0	5.0	0.7	1.3	2.4	40
LT1821F-91	GREEN	G.D.	567	3.0	5.0	2.5	4.4	2.4	40
LT1831F-91	YELLOW	Y.D.	585	3.0	5.0	3.0	5.5	2.4	40

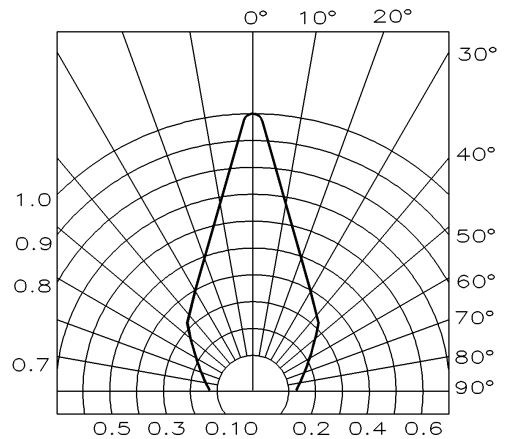
- (1) LEN'S COLOR
 R.D....RED DIFFUSED
 G.D....GREEN DIFFUSED
 Y.D....YELLOW DIFFUSED

- (2) SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
 (3) ALL ABOVE COMPONENTS ARE CONSIDERED . DEVIATIONS FROM STATED SPECIFICATIONS WILL REQUIRE A NEW PART NUMBER BE ASSIGNED .

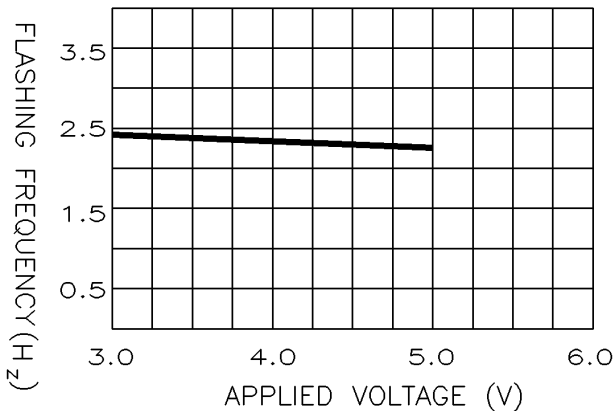
Package Dimensions



Radiation Pattern



Flashing Frequency VS. Applied Voltage



Forward Current VS. Applied Voltage

