

# FULL COLOR LED LAMPS

## Model No.: LEF-C5002T

### Features:

- Procedures by CMOS mode, High capability and high steady
- Low power dissipation
- Both kinds of function : Controls for Mono and Multi Lite
- Mono lite can be automatically started up by electric power

### Statements :

Lightened 3-color (RGB) Blinking LED.

Blinking modes : R, G, B, RG, GB, RB, RGB , it can be automatically started when turn on.

### Absolute Maximum Ratings ( $T_a=25^\circ\text{C}$ )

CHARACTERISTIC	SYMBOL	Max.	UNIT
Supply voltage	$V_{DD}$	6	V
Input / Output voltage	$V_i / V_o$	$V_{DD}+0.3$	V
Storage temperature	$T_{stg}$	125	$^\circ\text{C}$
Operating temperature	$T_{op}$	70	$^\circ\text{C}$

### DC Electrical Properties ( $T_a=25^\circ\text{C}$ )

CHARACTERISTIC	SYMBOL	CONDITION	Min.	Typ.	Max.	UNIT
Operating Voltage	$V_{DD}$		2.2	3	5	V
Static current	$I_{stb}$	$V_{DD} = 3\text{V}$		0.1	1	$\mu\text{A}$
Output current RL, GL, BL	$I_{ol}$	$V_{ol}=0.8\text{V}$		26		mA
Blinking speed	$F_{LED}$	Build-in , $V_{DD}=3\text{V}$		1.7		Hz
High voltage level of Input	$V_{ih}$	$V_{DD} = 3\text{V}$	1.8			V
Low voltage level of Input	$V_{il}$	$V_{DD} = 3\text{V}$			0.8	V

