



5.0mm Round Type RGB Blinking LED Lamps

PART NO: FYL-5013RGBC-B-Q

REV NO: 1.0

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■ Features:

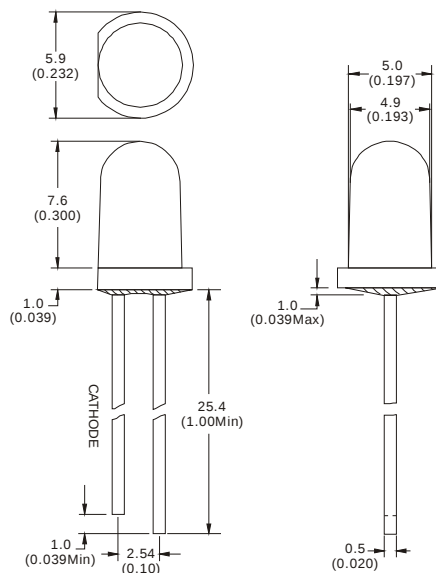
- Ultra brightness.
- Choice of various viewing angles.
- RGB Quick blinking, water clear
- PB Free
- Popular T-1 3/4 diameter package.
- IC compatible /Low current capability.



■ Descriptions:

- The LED lamps are available with different colors, intensities, epoxy colors etc.

■ Package Dimensions:



NOTES:

1. All dimension are in millimeters (inch).
2. An epoxy meniscus may extend about 1.5mm down to the lead.
3. Tolerances unless dimension $\pm 0.25\text{mm}$.



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■ Chip and Lens Appearance

Part No	Chip	Lens Color
FYL-5013RGBC-B-Q	-	Water clear

n ABSOLUTE MAXIMUM RATINGS (Ta=25℃)

Characteristic	Forward Current	Reverse Voltage	Power Dissipation	Operation temperature	Storage Temperature	Soldering Temperature
Symbol	I_{FM} (mA)	V_{RM} (V)	P_D (mW)	T_{OPR} (℃)	T_{STG} (℃)	T_{SLD} (℃)
Rate	25	6	70	-40 ~ +70	-40 ~ +100	260(5S)

n ELECTRO-OPTICAL CHARACTERISTICS (Ta=25℃)

Color	Forward Voltage $V_F(V)$ $I_F=20mA$	Reverse Current $I_R(\mu A)$ $V_R=5V$	Luminous Intensity $I_V(mcd)$ $I_F=20mA$	Wavelength $\lambda_D(nm)$ $I_F=20mA$
R	<2.1	≤ 10	800~1250	610~620
G	<4.0	≤ 10	1600~2700	510~520
B	<3.6	≤ 10	1600~2400	465~480