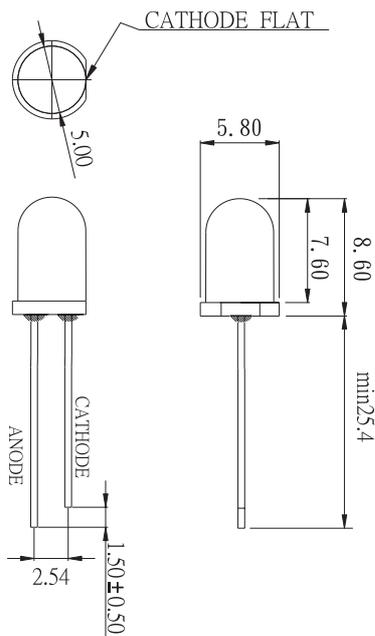


Device Selection Guide

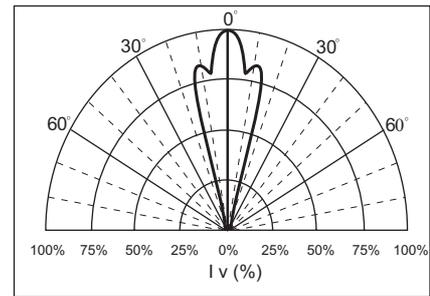
Part Number EOL-	Luminous Intensity I_V (mcd) @ $I_F = 20$ mA		Viewing Angle $2\theta_{1/2}$	Dominant Wavelength λ_D (nm) @ $I_F = 20$ mA	V_F @ $I_F = 20$ mA		I_R (μ A) @ $V_R = 5$ V	Stand Off	Epoxy Color
	Min.	Typ.	Typ.	Typ.	Typ.	Max.	Max.		
5FQFCC0-DG	1590	2000	30°	605	2.0	2.4	10	No	Clear

BIN#	T	U			
Intensity(mcd) @ $I_F = 20$ mA	1590-2225	2225-3115			

Package Dimensions



Beam Pattern



Note:

- All dimensions are in millimeter.
- Unspecified tolerance: ± 0.20 mm.
- Protruded resin under bottom surface of epoxy is 1.5mm max.
- Lead spacing is measured where the leads emerge from the package
- Specifications are subject to be changed without notice.

Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Parameter	Symbol	Maximum Value	<i>USER---APPROVED</i>
Average Forward Current	I_F	30mA	
Peak Forward Current ^[a]	I_{peak}	100mA	
Reverse Voltage	V_R	5V	
Power Dissipation	P_D	72mW	
Operating Temperature Range	T_{opr}	-40°C ~ +85°C	
Storage Temperature Range	T_{sto}	-40°C ~ +100°C	
Lead Soldering Temperature	T_{sol}	260°C / 5 seconds	

Notes: [a] Duty Ratio = 1/10, Pulse Width = 0.1ms.