



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

Parameter	Symbol	
DC Forward Current	I_f	70mA
Reverse Voltage	V_r	10V
Power Dissipation	P_D	182mW
Operating Temperature Range	T_{opr}	-40°C to + 85°C
Storage Temperature Range	T_{sto}	-40°C to + 100°C
Lead Soldering Temperature	T_{sol}	260°C for 5 Seconds

Notes: Duty Ratio=1/10, Pulse Width=0.1 ms

Device Selection Guide

FEMA P/N:	Total Flux Φ_v (mlm) ^[1] @ $I_f = 70\text{ mA}$		Luminous Intensity I_v (mcd)/ Φ_v @ $I_f = 70\text{ mA}$	Viewing Angle $2\theta_{1/2}$	Dominant Wavelength λ_d (nm) @ $I_f = 70\text{ mA}$	V_F @ $I_f = 70\text{ mA}$		I_R (μA) @ $V_R = 10\text{ V}$
	Min.	Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Max.
Q8G8VC2-E-130	1000	1700	0.25	130°	589	2.3	2.6	100

BIN#	B	C	D		
Total Flux(mlm) @ $I_f = 70\text{ mA}$	1000-1430	1430-2000	2000-2750		

Notes: [1] Tolerance Value of $\Phi_v \pm 15\%$.

Package Dimensions

