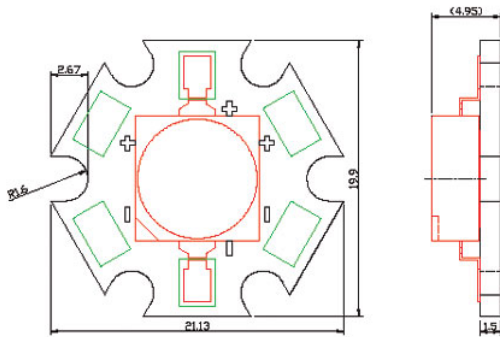


Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

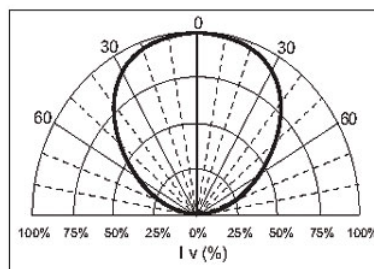
Parameter	Value
DC Forward Current ^[1]	350mA
Peak Pulsed Forward Current ^[2] (Duty Ratio = 1/10, Pulse Width = 10ms)	500mA
Reverse Voltage ($I_R=10\mu\text{A}$)	>5V
LED Junction Temperature	120°C
Storage Temperature	-40°C to +100°C

Device Selection Guide

Part Number	Color Temperature(K) @ $I_F = 350\text{ mA}$			Total Luminous Flux $\Phi_v(\text{lm}) @ I_F = 350\text{ mA}$		Forward Voltage $V_F @ I_F = 350\text{ mA}$		Viewing Angle $2\theta_{1/2}$	Epoxy Color
	Min.	Typ.	Max.	Min.	Typ.	Typ.	Max.	Typ.	
LM2120WC-E	5000	6500	10000	15	23	3.3	3.8	110	Clear

Package Dimensions

Notes:

- The cathode lead of the component is denoted by a chamfer shape on the top surface of plastic housing.
- All dimensions are in millimeters.
- All dimensions without tolerances are for reference only.

Beam Pattern




Electrical / Optical Characteristics

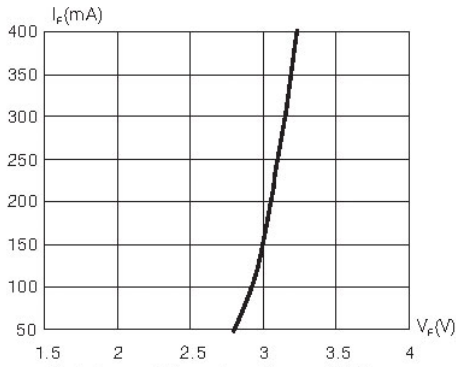


Fig.1 Forward Current vs. Forward Voltage

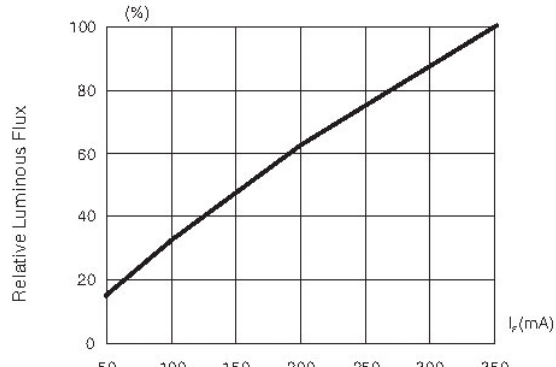


Fig.2 Luminous Flux vs. Forward Current

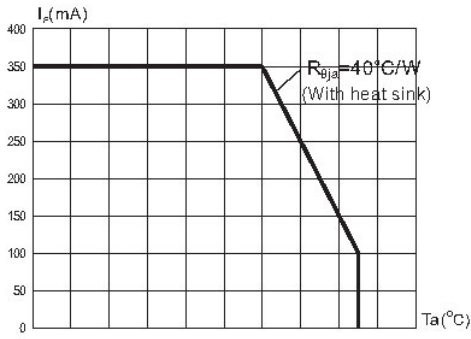


Fig.3 Allowable Forward Current vs. Ambient Temperature

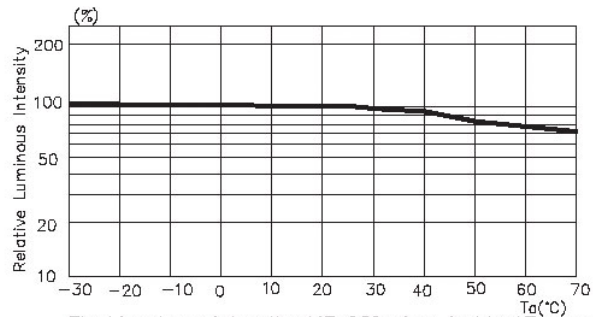


Fig.4 Luminous Intensity at $I_f=350\text{mA}$ vs. Ambient Temperature

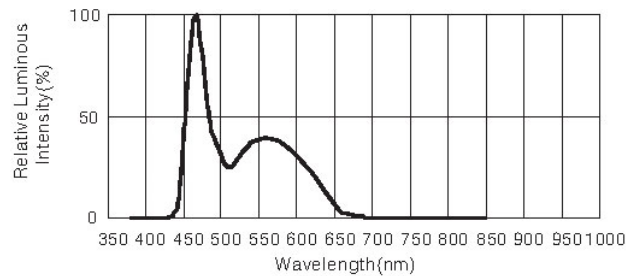


Fig.5 Relative Luminous Intensity vs. Wavelength