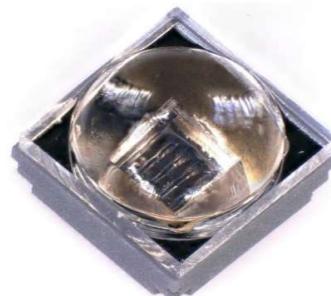
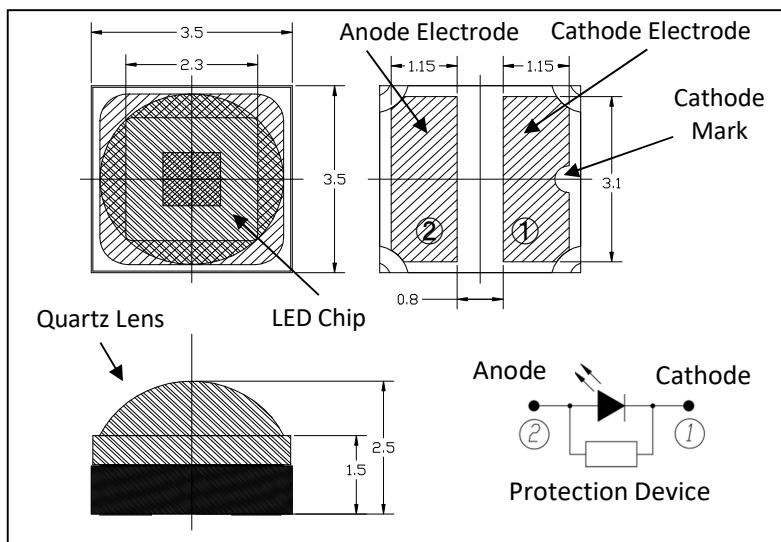


MODEL 308-FL-02-G02**3.5 x 3.5mm Metal Sealed SMD Hemispherical Lens Type****Mechanical Specifications and Materials (Unit: mm)****Typical Optical-Electrical Characteristics**(I_F=350mA, T_a=25°C)

Item	Symbol	Unit	308-FL-02-G02		
			Min	Typ	Max
Peak Wavelength(*)	λ _p	nm	303	308	313
Radiant Flux(**)	P _o	mW	33	47	-
Full Width at Half Maximum	Δλ	nm	-	15	20
Forward voltage	V _F	V	-	5.9	-
Viewing Half Angle	2θ _{1/2}	deg.	-	65	-

(*)Peak Wavelength Measurement tolerance is ±3nm.

(**)Radiant Flux Measurement tolerance is ±10%.

(***)Junction-ambient

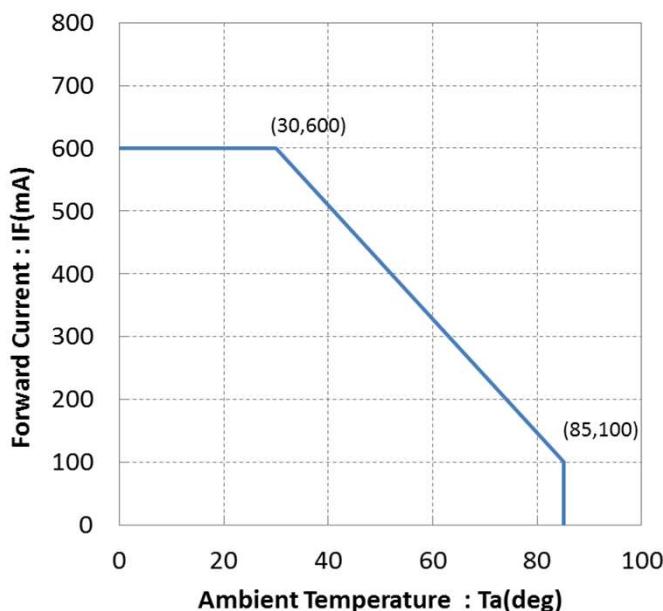
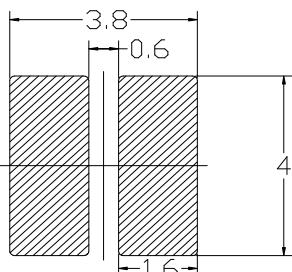
Specification and dimension are subject to change for improvement without notice.

Binning is available.

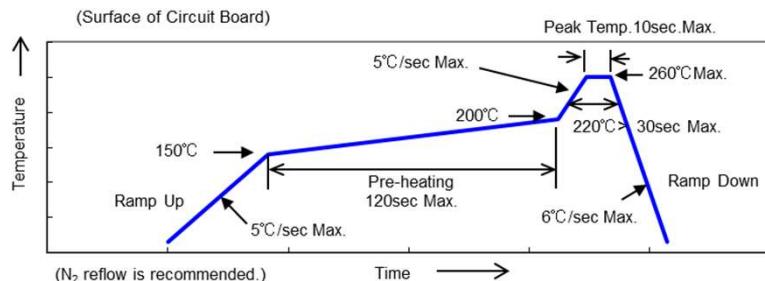


MODEL 308-FL-02-G02**3.5 x 3.5mm Metal Sealed SMD Hemispherical Lens Type****Absolute Maximum Ratings**

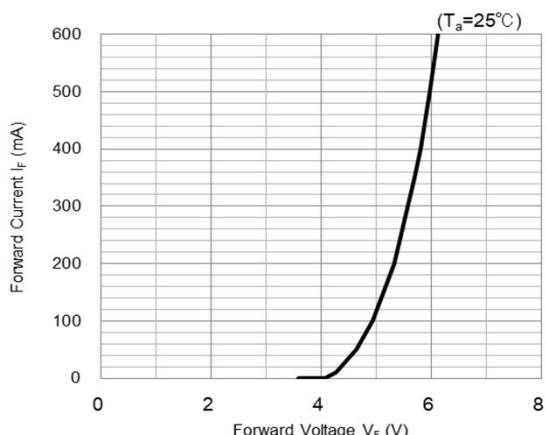
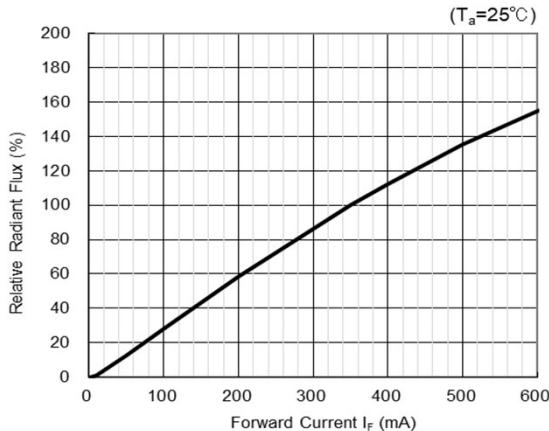
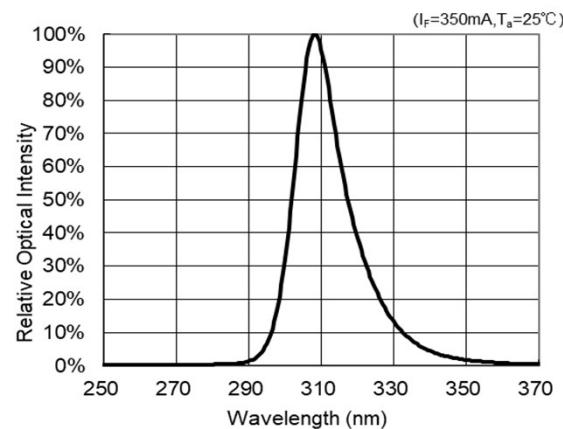
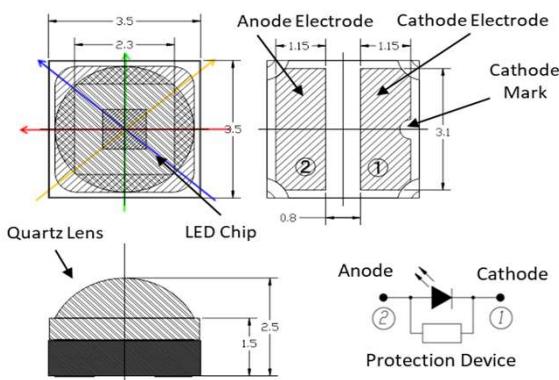
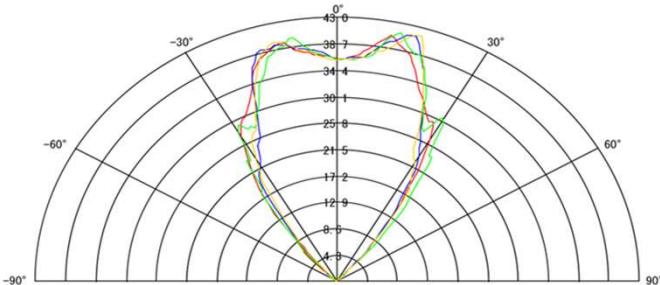
Item	Symbol	Unit	Value
Forward Current	I_F	mA	600
Junction Temperature	T_J	°C	100
Operating Temperature	T_{OPR}	°C	-30 ~ +85
Storage Temperature	T_{STR}	°C	-40 ~ +85 (No condensation)

Derating Curve**Recommended solder pad**

Unit : mm

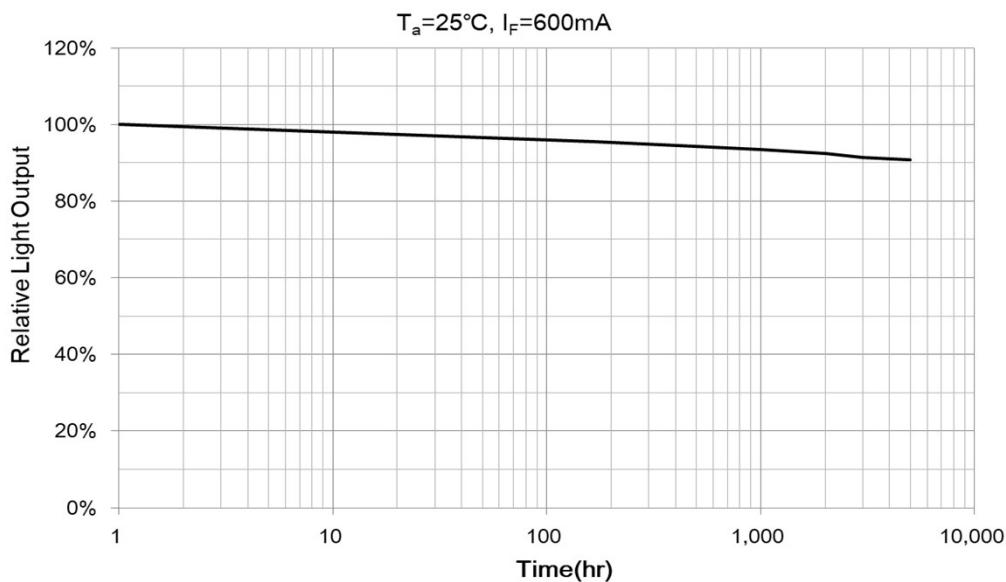
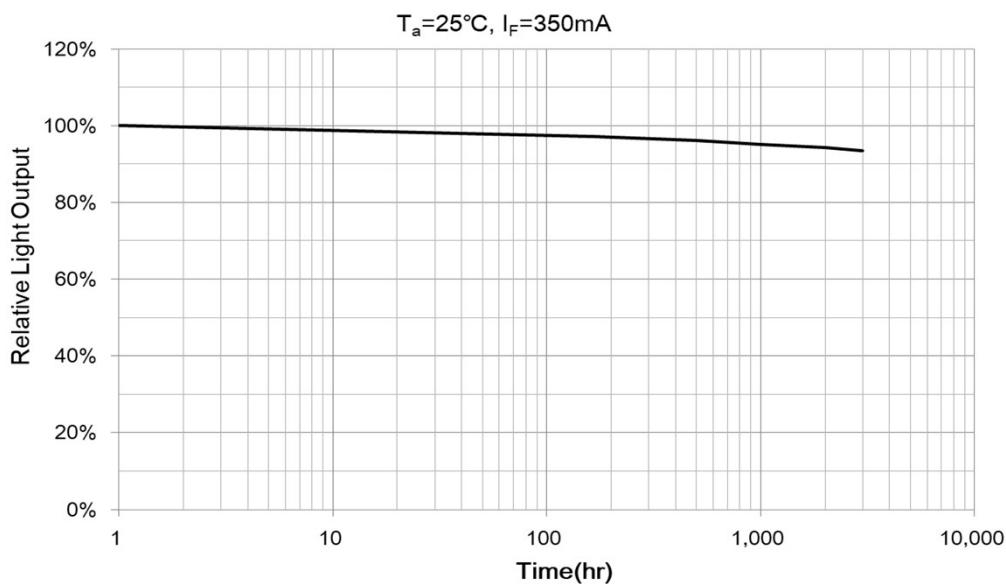
Reflow soldering profile

This soldering profile is according to JEDEC-J-STD-020D.

MODEL 308-FL-02-G02
3.5 x 3.5mm Metal Sealed SMD Hemispherical Lens Type
Reference Data(1)
Forward Voltage vs Forward Current**Forward Current vs Radiant Flux****Spectrum****Radiation Pattern**

MODEL 308-FL-02-G02

3.5 x 3.5mm Metal Sealed SMD Hemispherical Lens Type
Reference Data(2)

Life Expectancy Data

These data as on the page 1 to 4 were determined with Al-substrate on a heat sink and fan.