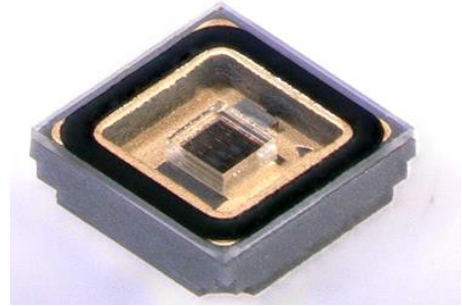
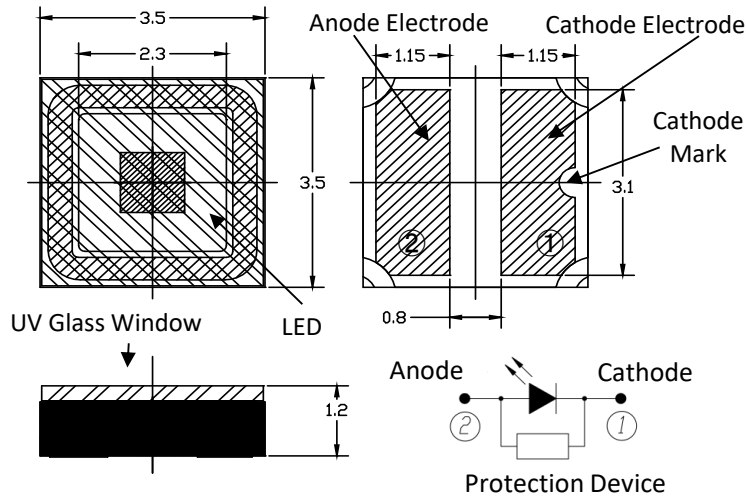
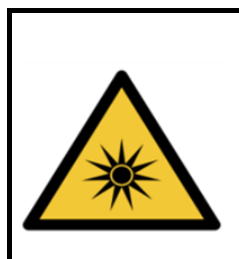


MODEL 340-FL-02-U05**3.5 x 3.5mm Metal Sealed SMD Flat Top Type****Mechanical Specifications and Materials (Unit: mm)****Typical Optical-Electrical Characteristics**(I_F=350mA, T_a=25°C)

Item	Symbol	Unit	340-FL-02-U05		
			Min	Typ	Max
Peak Wavelength(*)	λ_p	nm	335	340	345
Radiant Flux(**)	P _o	mW	(32)	44	-
Full Width at Half Maximum	$\Delta\lambda$	nm	-	10	(15)
Forward voltage	V _F	V	-	5.5	(6.5)
Viewing Half Angle	2 $\theta_{1/2}$	deg.	-	120	-
Thermal Resistance(***)	R _{th}	K/W	-	10	-

(*)Peak Wavelength Measurement tolerance is ± 3 nm.(**)Radiant Flux Measurement tolerance is $\pm 10\%$.

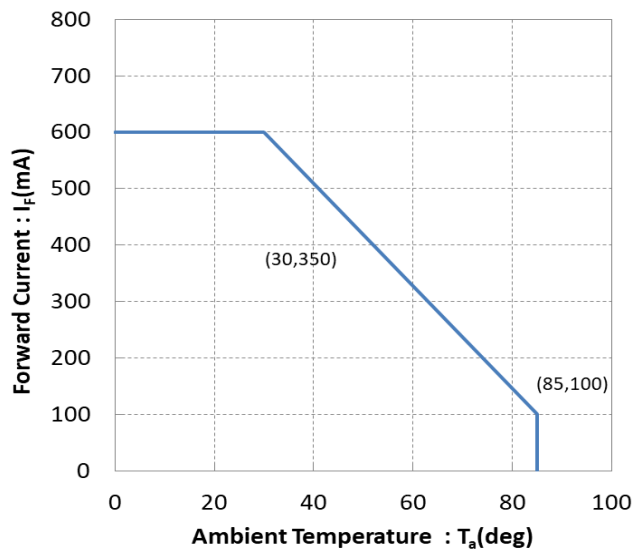
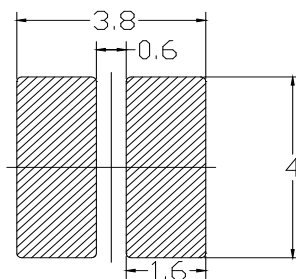
(***)Junction-ambient

**WARNING**

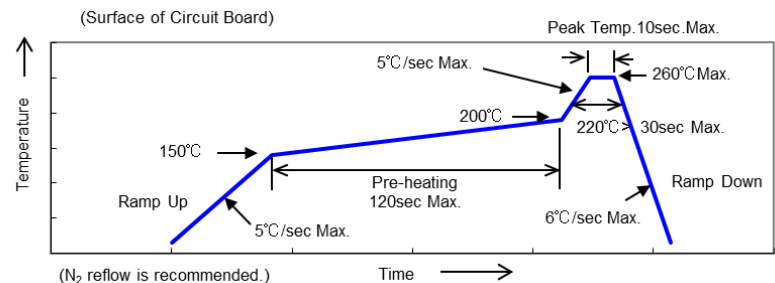
- LEDs emit very strong UV radiation.
- Do not look at the LED light with the naked eye or irradiate the skin.
UV radiation can harm your eyes and skin.
- To prevent UV radiation exposure, wear protective eyewear and protective equipment.
- If LEDs are embedded in devices, please indicate warning labels against the UV light LED used.
- Keep out of reach of children.

MODEL 340-FL-02-U05**3.5 x 3.5mm Metal Sealed SMD Flat Top Type****Absolute Maximum Ratings**

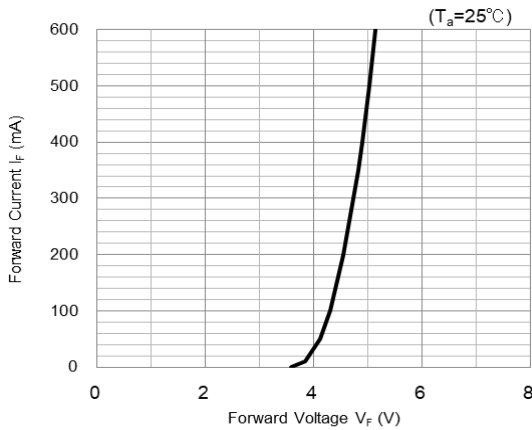
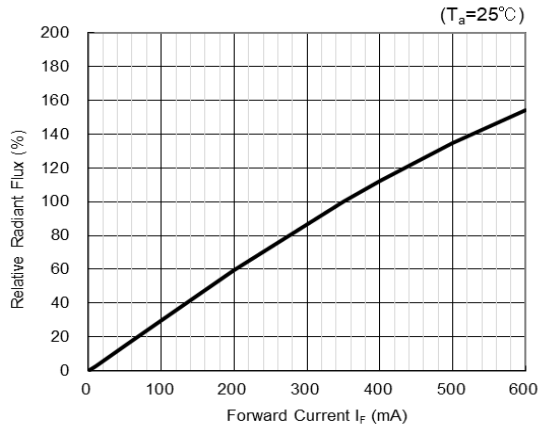
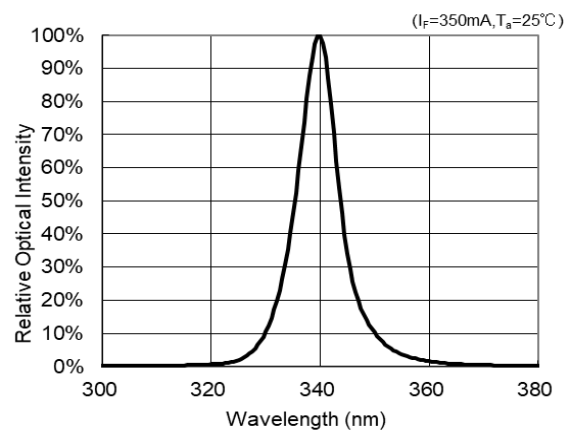
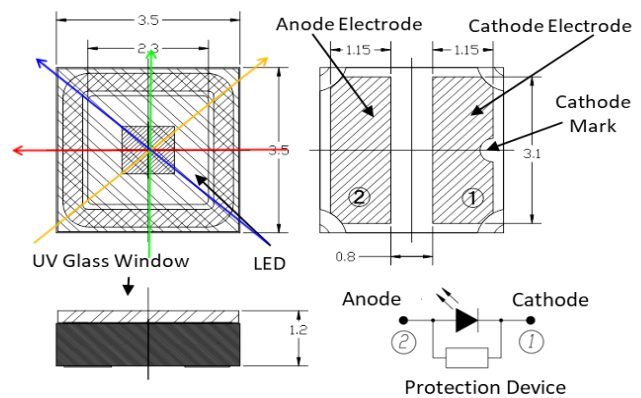
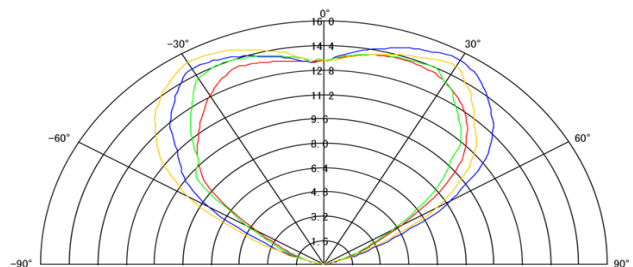
Item	Symbol	Unit	Value
Forward Current	I_F	mA	600
Junction Temperature	T_J	°C	90
Operating Temperature	T_{OPR}	°C	-30 ~ +85
Storage Temperature	T_{STR}	°C	-40 ~ +85 (No condensation)

Derating Curve**Recommended solder pad**

Unit : mm

Reflow soldering profile

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

MODEL 340-FL-02-U05**3.5 x 3.5mm Metal Sealed SMD Flat Top Type****Reference Data(1)****Forward Voltage vs Forward Current****Forward Current vs Radiant Flux****Spectrum****Radiation Pattern**

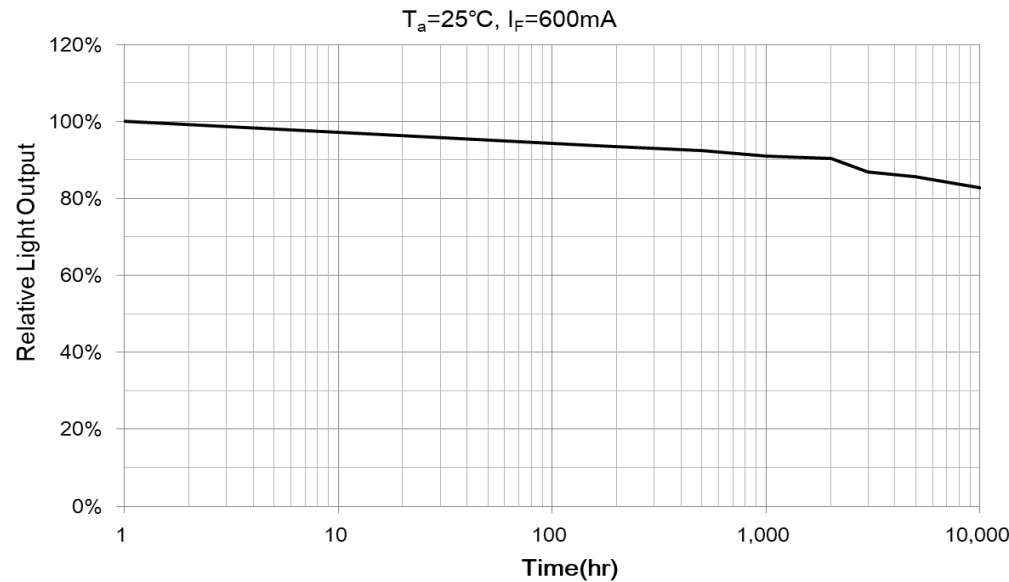
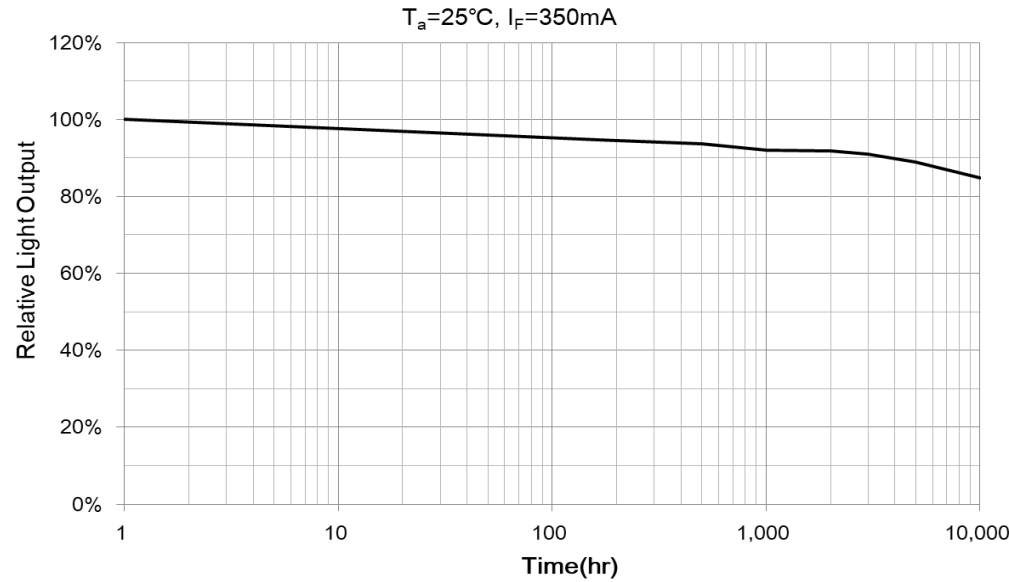


MODEL 340-FL-02-U05

3.5 x 3.5mm Metal Sealed SMD Flat Top 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.