Model 340-SG-02 series

Bare Die (Flip chip form, Au Pad)

Typical Optical-Electrical Characteristics

(I_F=100mA, T_a=25°C)

Item	Symbol	Unit	340-SG-02-C		
			Min	Typ	Max
Peak Wavelength(*)	λ_p	nm	335	340	345
Radiant Flux(**)	P_o	mW	10	20	-
Full Width at Half Maximum	⊿λ	nm	-	-	15
Forward voltage	V_F	V	-	4.6	6.0

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

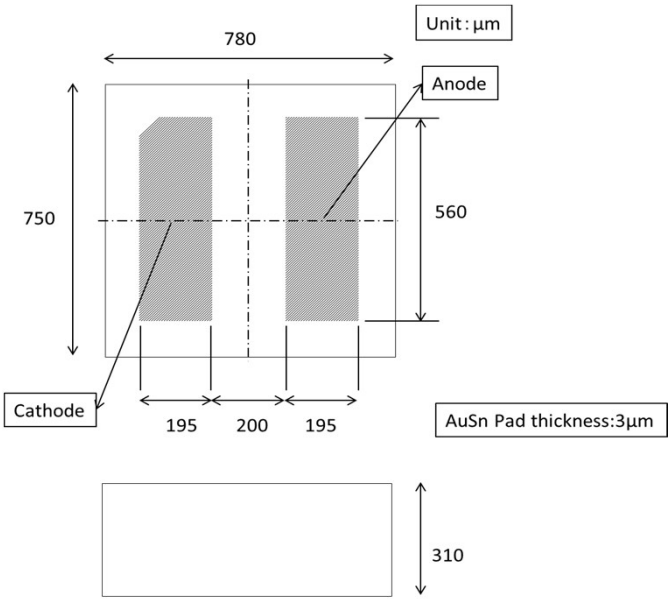
(**)Radiant Flux Measurement tolerance is ±10%.

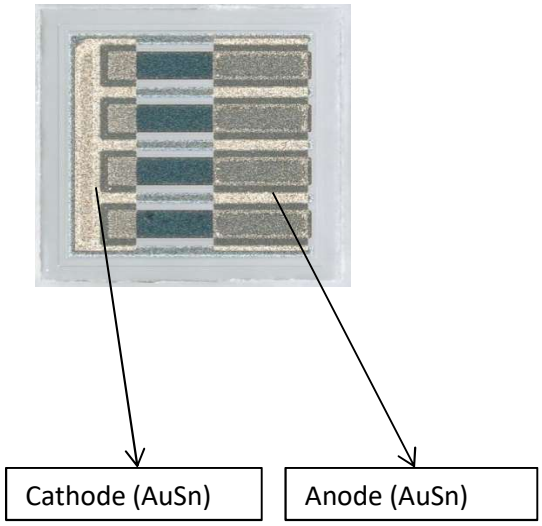
Specification and dimension are subject to change for improvement without notice.

Product ID, Physical dimensions and Sample photo

340-SG-02-C

Bare Die





⚠ 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.**

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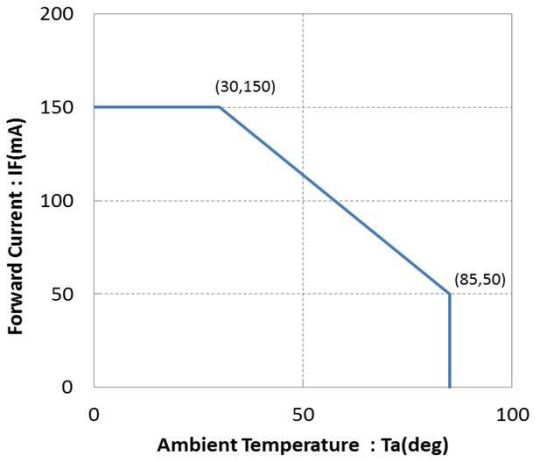
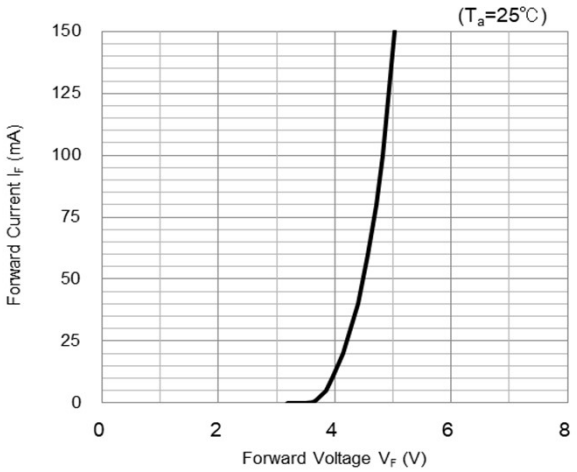
Absolute Maximum Ratings

Item	Symbol	Unit	Value
Forward Current	I_F	mA	150
Junction Temperature	T_J	℃	90
Operating Temperature	T_{OPR}	℃	-30 ～ +85
Storage Temperature	T_{STR}	℃	-40 ～ +85 (No condensation)

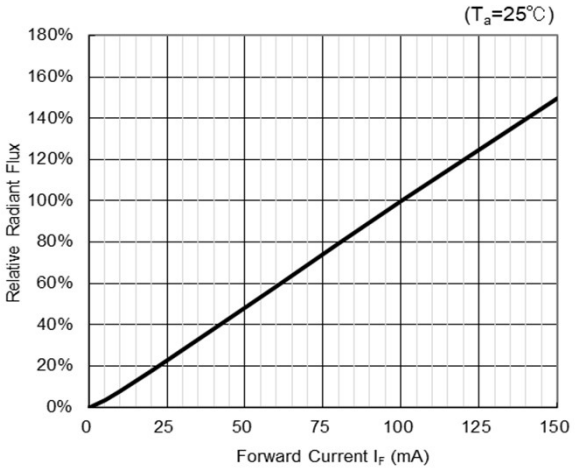
Derating Curve



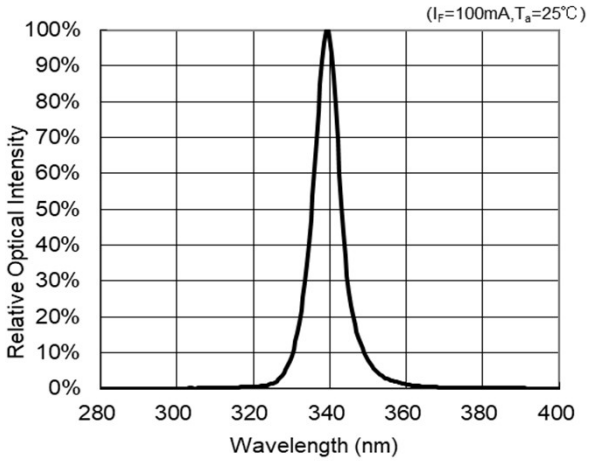
Forward Voltage vs Forward Current



Forward Current vs Radiant Flux



Spectrum



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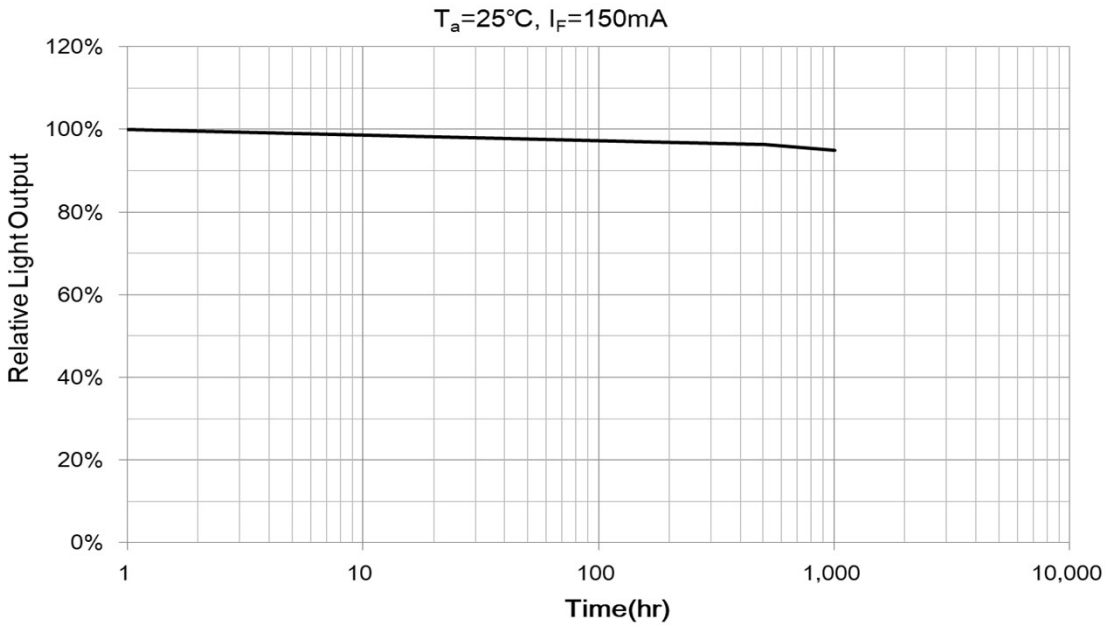
Reference Data(2)

Life Expectancy Data



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