

ULTRA VIOLET LED Lamp SMD Type

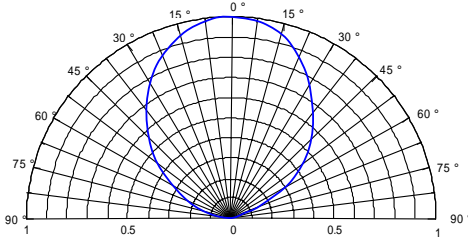
NS355L-7SFF
NS360L-7SFF

(1) Absolute Maximum Ratings (Ta=25)

Item	Symbol	Maximum Rating	Unit
DC Forward Current	I_F	25	mA
Pulse Forward Current*	I_{FP}	100	mA
Power Dissipation	P_D	100	mW
Operating Temperature	T_{OPR}	-30 to +80	
Storage Temperature	T_{STG}	-30 to +85	

* Conditions : Duty Cycle 1/10, Pulse Width 0.1msec

(2) Directive Characteristics (Ta=25)



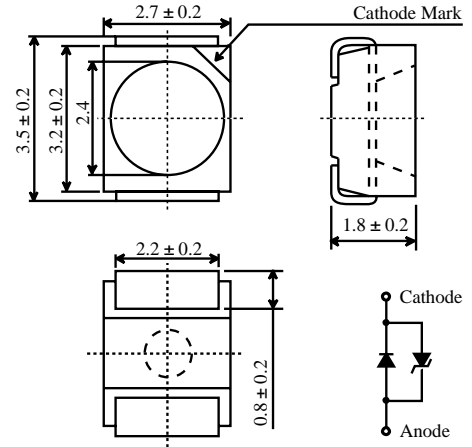
(5) Optical and Electrical Characteristics (Ta=25)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit	
Forward Voltage	NS355L NS360L	V_F	$I_F=20mA$	3.2	3.6	4.2	V
Peak Wavelength*1	NS355L NS360L	λ_p	$I_F=20mA$	353 360	-	360 363	nm
Full Width at Half Maximum	NS355L NS360L	$\Delta\lambda$	$I_F=20mA$	10	-	20	nm
Optical Output Power*2	NS355L NS360L	P_o	$I_F=20mA$	-	0.6 0.9	-	mW

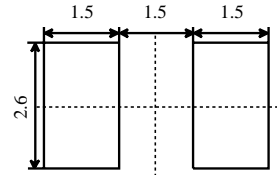
*1 Measurement error is $\pm 2nm$

*2 Measurement error is $\pm 10\%$

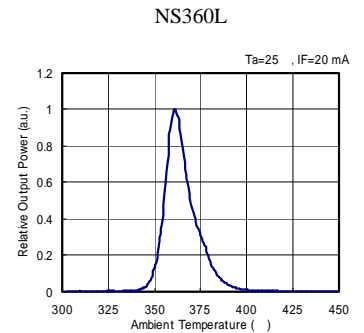
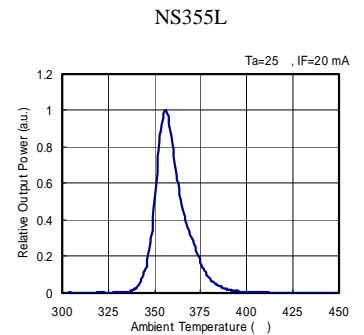
(3) Dimension (Unit : mm)



(4) Recommended Soldering Pattern (Unit : mm)



(6) Spectrum



CAUTION

- LEDs emit very strong UV radiation.
- Don't look directly into the LED light. UV radiation can harm your eyes.
- To prevent even inadequate exposure, wear protective eyewear.
- If LEDs are embedded in devices, please indicate warning labels against the UV light LED used.
- Keep out of reach of children.

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