

# ULTRA VIOLET LED Lamp

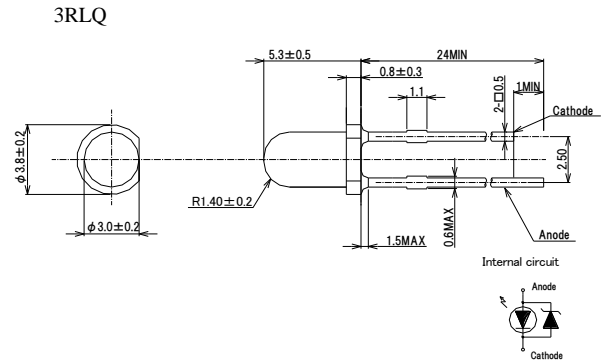
## NS355L-3RLQ NS360L-3RLQ

### (1) Absolute Maximum Ratings (Ta=25°C)

Item	Symbol	Maximum Rating	Unit
DC Forward Current	I <sub>F</sub>	25	mA
Pulse Forward Current*	I <sub>FP</sub>	100	mA
Reverse Current	I <sub>R</sub>	85	mA
Power Dissipation	P <sub>D</sub>	100	mW
Operating Temperature	T <sub>OPR</sub>	-30 to +80	°C
Storage Temperature	T <sub>STG</sub>	-30 to +85	°C
Soldering Temperature	T <sub>SOL</sub>	260(within 10sec)	°C

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

### (3) Dimension (Unit : mm)



### (2) Optical and Electrical Characteristics (Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit	
Forward Voltage	NS355L NS360L	V <sub>F</sub>	I <sub>F</sub> =20mA	3.2	3.6	4.2	V
Peak Wavelength <sup>*1</sup>	NS355L	λ <sub>p</sub>	I <sub>F</sub> =20mA	353	-	360	nm
	NS360L			360	-	363	
Full Width at Half Maximum	NS355L NS360L	Δλ	I <sub>F</sub> =20mA	10	-	20	nm
Optical Output Power *2		P <sub>o</sub>	I <sub>F</sub> =20mA	Refer to Rank Information			mW

\*1 Measurement error is ±2nm

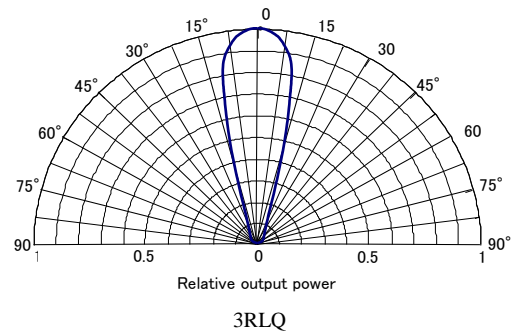
\*2 Measurement error is ±10%

### Rank Information

Rank	Optical Output Power			NS355L	NS360L
	Min.	Typ.	Max.	-3RLQ	-3RLQ
4	0.8	-	1.2		
5	1.2	-	1.8	○	
6	1.8	-	2.4	○	○
7	2.4	-	4.0		○

Please contact us for availability.

### (4) Directive Characteristics (Ta=25°C)



### 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.