

ULTRA VIOLET LED Lamp

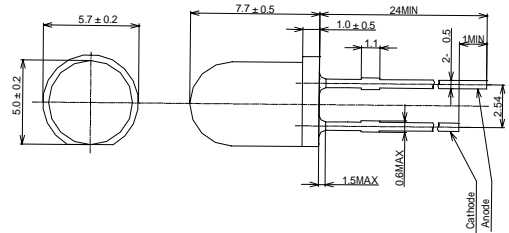
NS375L-ERLM

(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
Reverse Current	I_R	85	mA
Power Dissipation	P_D	100	mW
Operating Temperature	T_{OPR}	-30 to +80	
Storage Temperature	T_{STG}	-30 to +85	
Soldering Temperature	T_{SOL}	260(within 10sec)	

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

(3) Dimension (Unit : mm)



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

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	NS375L	V_F $I_F=20mA$	3.2	3.6	4.2	V
Peak Wavelength*1	NS375L	λ_p $I_F=20mA$	375	-	380	nm
Full Width at Half Maximum	NS375L	$\Delta\lambda$ $I_F=20mA$	10	-	20	nm
Optical Output Power *2		P_o $I_F=20mA$	Refer to Rank Information			mW

*1 Measurement error is ± 2nm

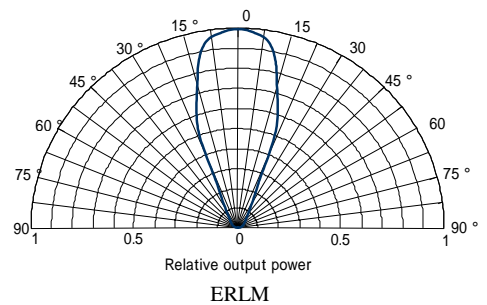
*2 Measurement error is ± 10%

Rank Information

Rank	Optical Output Power			NS375L
	Min.	Typ.	Max.	
RE1	14.0	-	19.0	-ERLM
RE2	19.0	-	26.0	ask*3

*3 Please contact us for availability.

(4) Directive Characteristics (Ta=25)



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.