


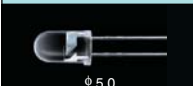


$\phi 5.0$ (T-1 3/4)Circular Type High Brightness Type <Viewing Angle $2\theta 1/2 : 25^\circ$ >

SLI-570 Series

Emitting Color	Yellow		Orange	Red	
Material			AlGaInP on GaAs		
Emitting Surface Dimension(mm)					
 φ 5.0					
Part No.	SLI-570YT	SLI-570Y2T	SLI-570DT	SLI-570UT	SLI-570U2T

Absolute Maximum Ratings (Ta=25°C)

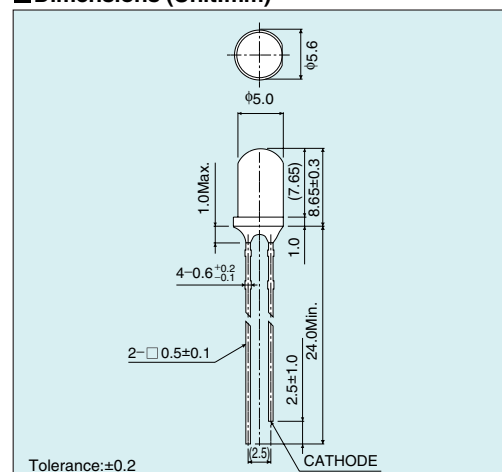
Part No.	Emitting color	Power dissipation Pd (mW)	Forward current IF (mA)	Peak forward current *IFP (mA)	Reverse voltage VR (V)	Operating temperature Topr (°C)	Storage temperature Tstg (°C)
SLI-570YT	Yellow						
SLI-570Y2T							
SLI-570DT	Orange	125	50	200	9	-30 to +85	-40 to +100
SLI-570UT	Red						
SLI-570U2T							

※:Duty $\leq 1/10$, 1kHz

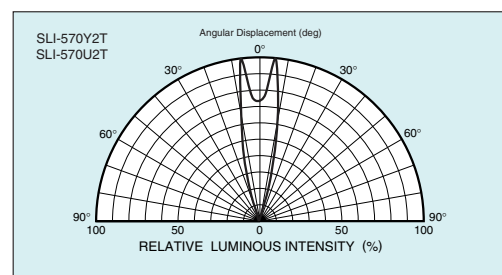
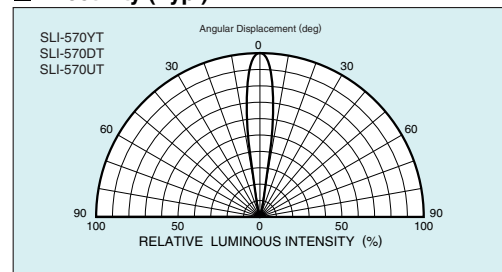
Electrical Optical Characteristics (Ta=25°C)

Part No.	Resin Color	Forward voltage V _F		Reverse current I _R		Light wavelength			Brightness I _v		
		Typ. (V)	IF (mA)	Max. (μA)	V _R (V)	Typ. (nm)	Typ. (nm)	IF (mA)	Min. (mcd)	Typ. (mcd)	IF (mA)
SLI-570YT	Transparent Colorless	1.9				591	15		610	2500	
SLI-570Y2T		2.1							2200	5200	
SLI-570DT		1.9	20	100	9	611	17	20	900	3000	20
SLI-570UT						630	20				
SLI-570U2T		2.1							2200	4000	

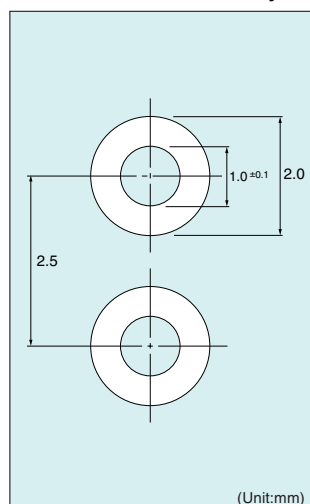
Dimensions (Unit:mm)



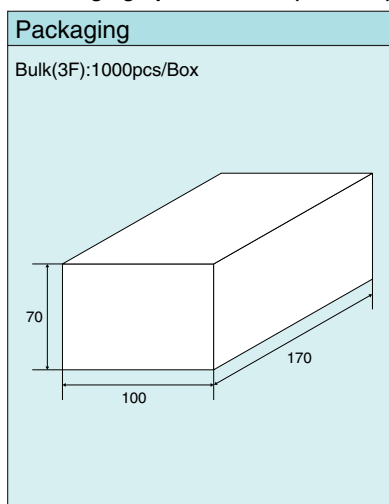
Directivity (Typ.)



Recommended Pad Layout

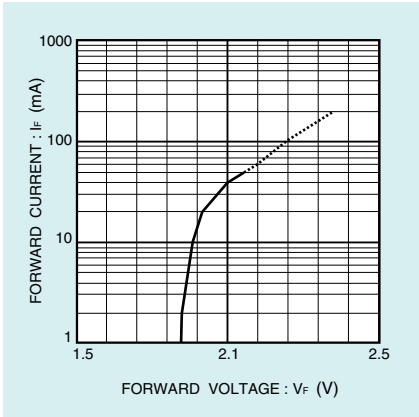


Packaging Specifications (Unit:mm)

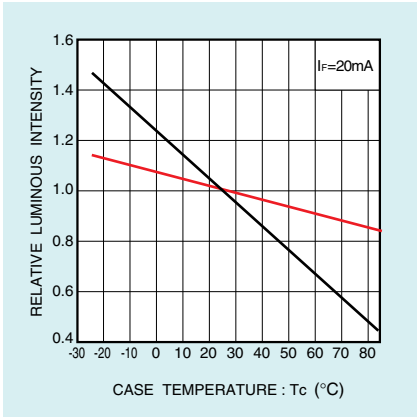


■Electrical Characteristic Curves

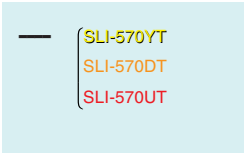
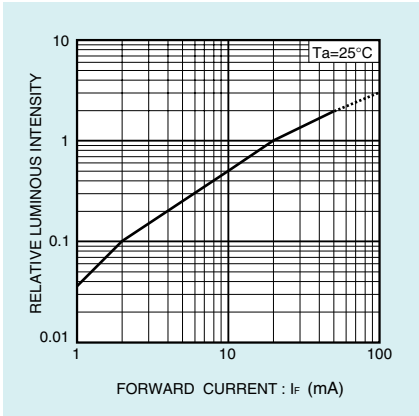
Forward Current - Forward Voltage



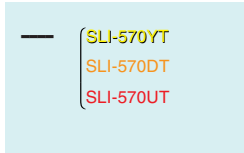
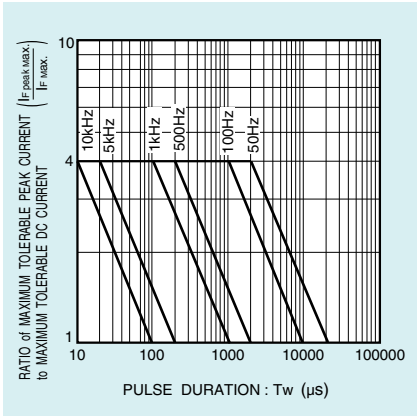
Relative Luminous Intensity - Case Temperature



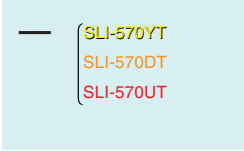
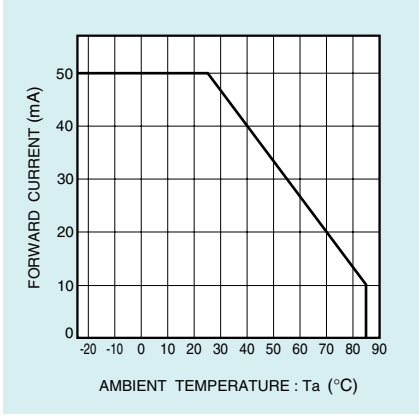
Relative Luminous Intensity - Forward Current



Ratio of Maximum Tolerable Peak Current - Pulse Duration



Derating



* Characteristics data of SLI-570Y2T, SLI-570U2T are in preparation.

Notes

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