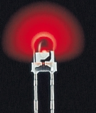


High Brightness Type ϕ3.1 Circular Type LED Lamps <Wide Focus Type 2θ 1/2:40°>

SLA-360 Series

Shape	Emitting Surface Dimension (mm)	Green	Red
		GaP	GaAlAs on GaAs
		563nm	660nm (single)
Circular Type	ϕ 3.1		
		SLA-360MT	SLA-360LT

Absolute Maximum Ratings (Ta=25℃)

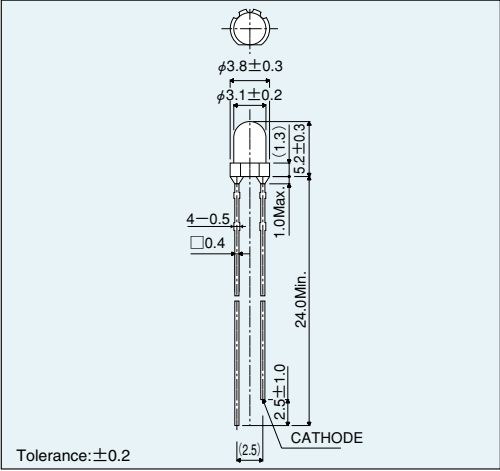
Part No.	Emitting color	Power dissipation P _D (mW)	Forward current I _F (mA)	Peak forward current * I _{FP} (mA)	Reverse voltage V _R (V)	Operating temperature T _{opr} (°C)	Stotage temperature T _{stg} (°C)
SLA-360MT	Green	75	25	60	4	-25 to +85	-30 to +100
SLA-360LT	Red	100	50	75	4		

* I_{FP} measured under duty ≤1/ 5,pulse width ≤1ms.

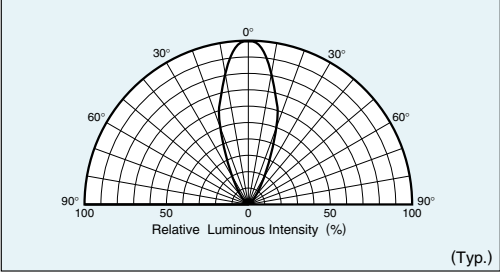
Electrical Optical Characteristics (Ta=25℃)

Part No.	Resin Color	Forward voltage V _F		Reverse current I _R		Light wavelength			Brightness I _v		
						Peak λ _p	Half-wave Δλ				
		Typ. (V)	I _F (mA)	Max. (μA)	V _R (V)	Typ. (nm)	Typ. (nm)	I _F (mA)	Min. (mcd)	Typ. (mcd)	I _F (mA)
SLA-360MT	Transparent	2.2	20	10	4	563	40	20	42	100	20
SLA-360LT	Clear	1.75		100		660	25		20	47	

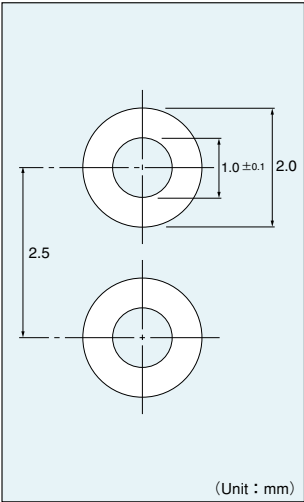
External Dimensions (Unit : mm)



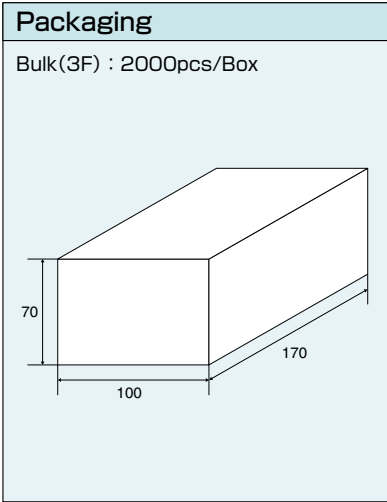
Directivity



Recommended Pad Layout

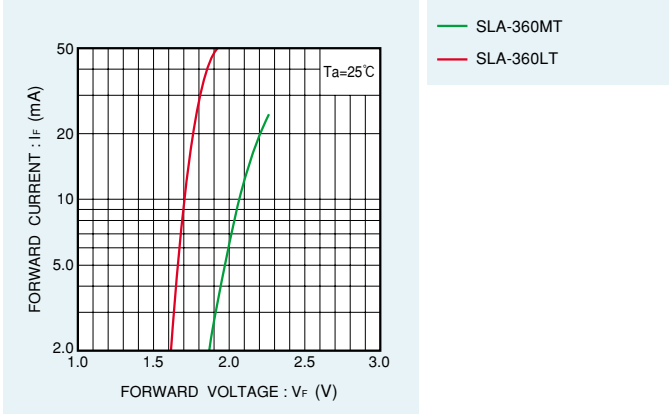


Packaging Specifications (Unit : mm)

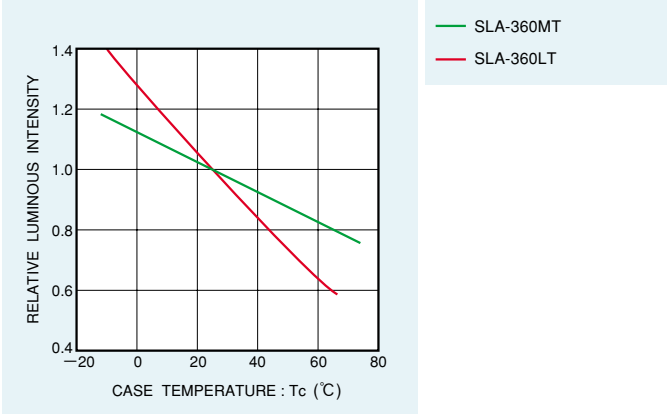


Electrical Characteristic Curves

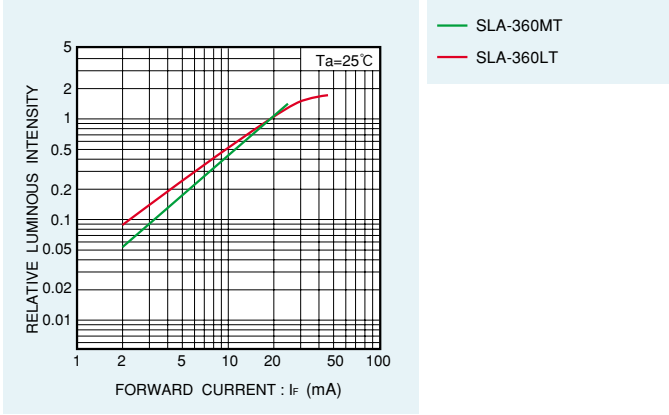
Forward Current - Forward Voltage



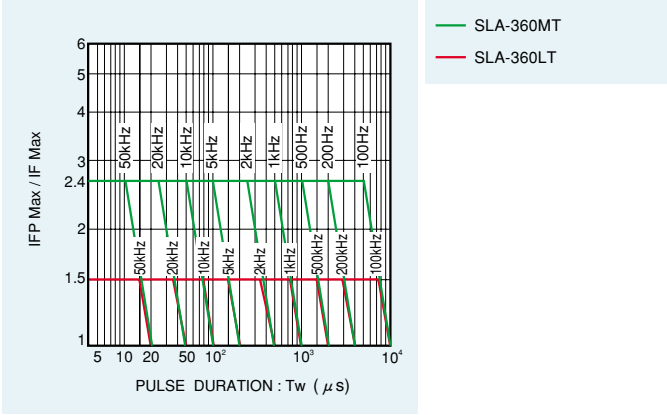
Relative Luminous Intensity - Case Temperature



Relative Luminous Intensity - Forward Current



Ratio of Maximum Tolerable Peak Current - Pulse Duration



Derating

