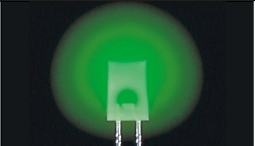
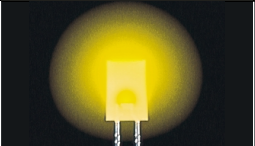
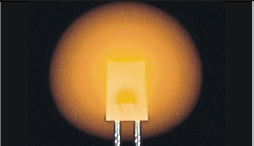
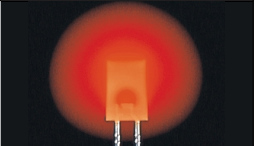


Standard Type Square Type LED Lamps

SLB-25 Series

Shape	Emitting Surface Dimension (mm)	Green	Yellow	Orange	Red
		GaP		GaAsP on GaP	
		563nm	585nm	610nm	650nm
Square Type	2×5				
		SLB-25MG	SLB-25YY	SLB-25DU	SLB-25VR

Absolute Maximum Ratings (Ta=25℃)

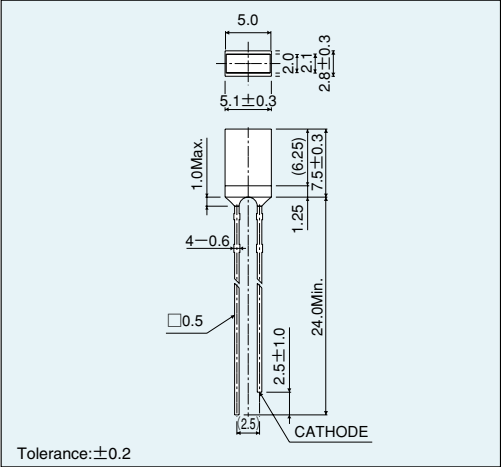
Part No.	Emitting color	Power dissipation P _D (mW)	Forward current I _F (mA)	Peak forward current I _{FP} (mA)	Reverse voltage V _R (V)	Operating temperature T _{opr} (℃)	Stotage temperature T _{stg} (℃)
SLB-25MG	Green	75	25	60	3	-25 to +85	-30 to +100
SLB-25YY	Yellow						
SLB-25DU	Orange	60	20				
SLB-25VR	Red						

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

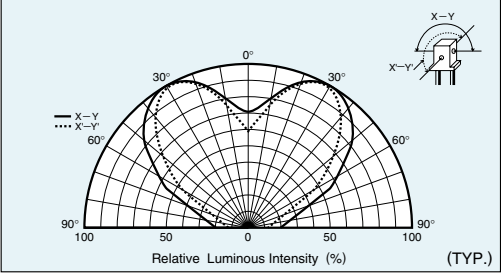
Electrical Optical Characteristics (Ta=25℃)

Part No.	Resin Color	Forward voltage V _F		Reverse current I _R		Light wavelength		Brightness I _v			
		Typ. (V)	I _F (mA)	Max. (μA)	V _R (V)	Peak λ _p Typ. (nm)	Half-wave Δλ Typ. (nm)	I _F (mA)	Min. (mcd)	Typ. (mcd)	I _F (mA)
SLB-25MG	Colored Diffused	2.1	10	10	3	563	40	10	0.36	1.0	10
SLB-25YY						585					
SLB-25DU						610					
SLB-25VR		2.0				650					

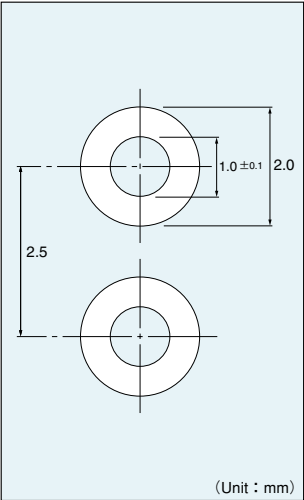
External Dimensions (Unit : mm)



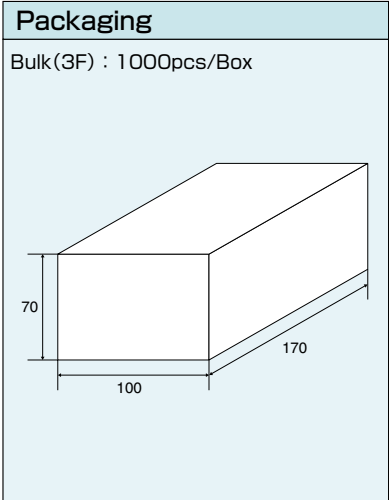
Directivity



Recommended Pad Layout

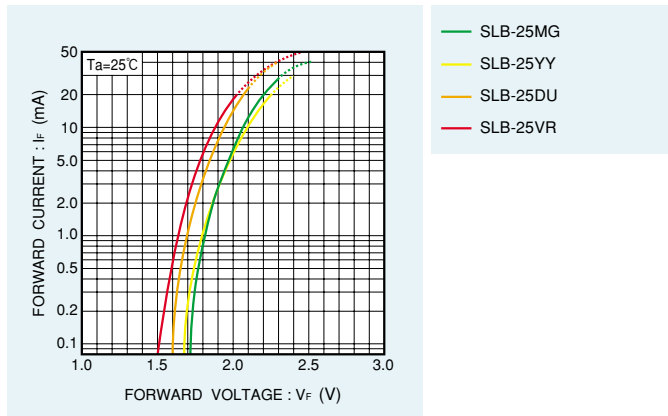


Packaging Specifications (Unit : mm)

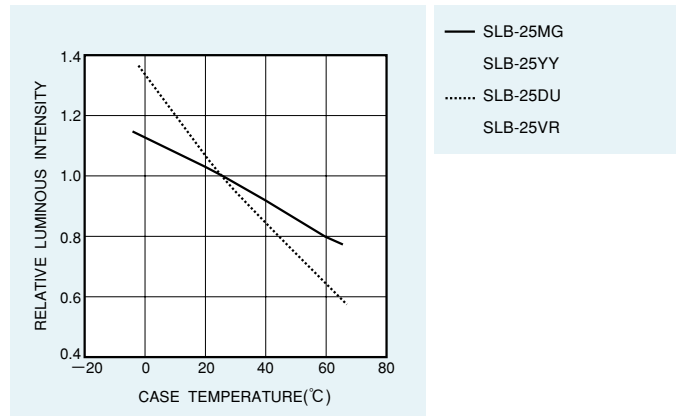


Electrical Characteristic Curves

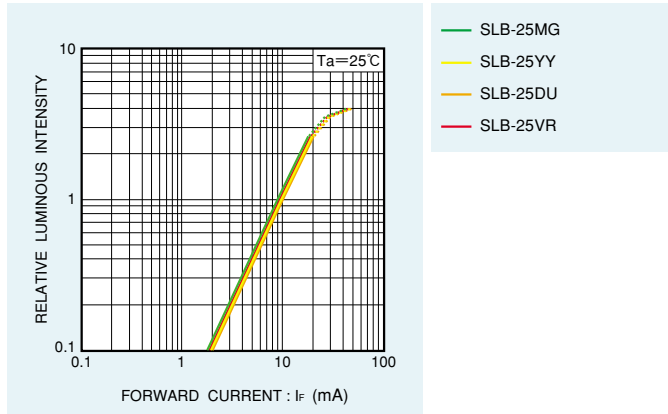
Forward Current - Forward Voltage



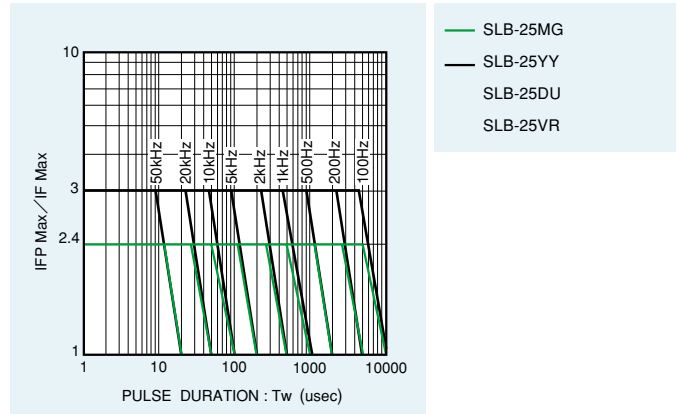
Relative Luminous Intensity - Case Temperature



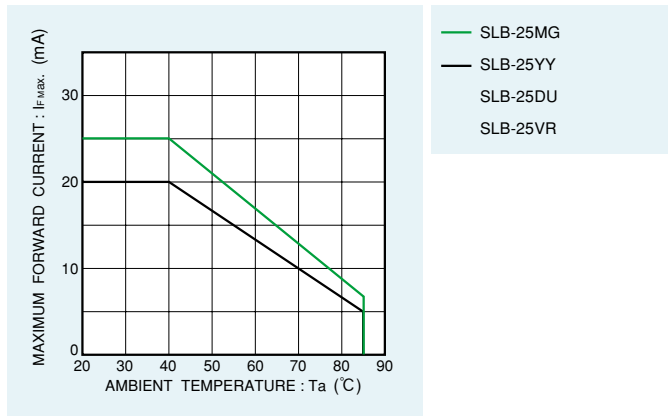
Relative Luminous Intensity - Forward Current



Ratio of Maximum Tolerable Peak Current - Pulse Duration



Derating



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