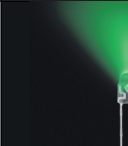





Standard Type ϕ 3.1 Circular Type LED Lamps (LEDs with Pressure Release Structure)

SLR-343 Series

Pressure Release

Shape	Emitting Surface Dimension (mm)	Green		Yellow		Orange		Red	
		GaP				GaAsP on GaP			
		563nm		585nm		610nm		650nm	
Circular Type	ϕ 3.1								
		SLR-343MC	SLR-343MG	SLR-343YC	SLR-343YY	SLR-343DC	SLR-343DU	SLR-343VC	SLR-343VR

■ 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} (℃)
SLR-343MC	Green	75	25				
SLR-343MG							
SLR-343YC	Yellow			60	3	-25 to +85	-30 to +100
SLR-343YY							
SLR-343DC	Orange	60	20				
SLR-343DU							
SLR-343VC	Red						
SLR-343VR							

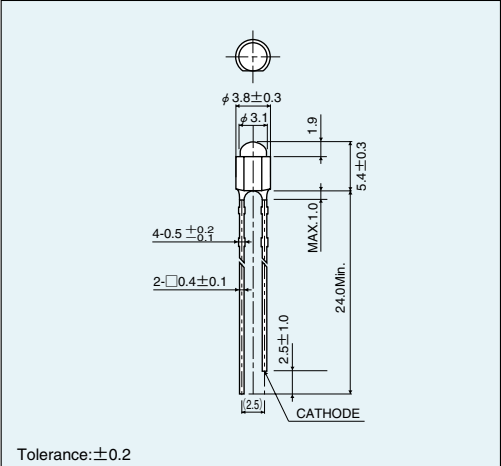
* I_{FP} measured under duty ≤1/ 5,pulse width ≤1ms.

■ Electrical Optical Characteristics (Ta=25℃)

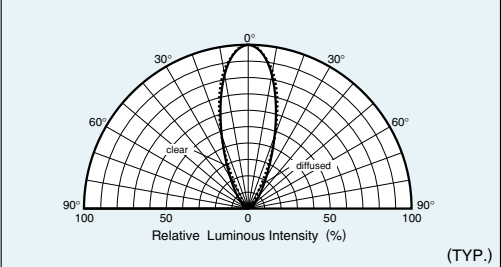
Part No.	Resin Color	Forward voltage V _F		Reverse current I _R		Light wavelength			Brightness I _v		
		Typ. (V)	I _F (mA)	Max. (μA)	V _R (V)	Peak λ _p	Half-wave Δλ	I _F (mA)	Min. (mcd)	Typ. (mcd)	I _F (mA)
						Typ. (nm)	Typ. (nm)				
SLR-343MC	Colored Clear	2.1	10	10	3	563	40	10	9.0	25	10
SLR-343MG	Colored Diffused								5.6	16	
SLR-343YC	Colored Clear					585			3.6	10	
SLR-343YY	Colored Diffused	2.0	10	10	3		40	10	9.0	25	10
SLR-343DC	Colored Clear					610			5.6	16	
SLR-343DU	Colored Diffused								9.0	25	
SLR-343VC	Colored Clear					650			5.6	16	
SLR-343VR	Colored Diffused										

Note) SLR-343(LEDs with Pressure Release Structure) series are available in the bulk and straight taping style. For forming taping style, we would recommend our SLR-342 series.

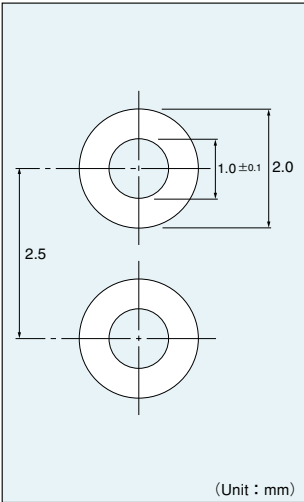
■ External Dimensions (Unit : mm)



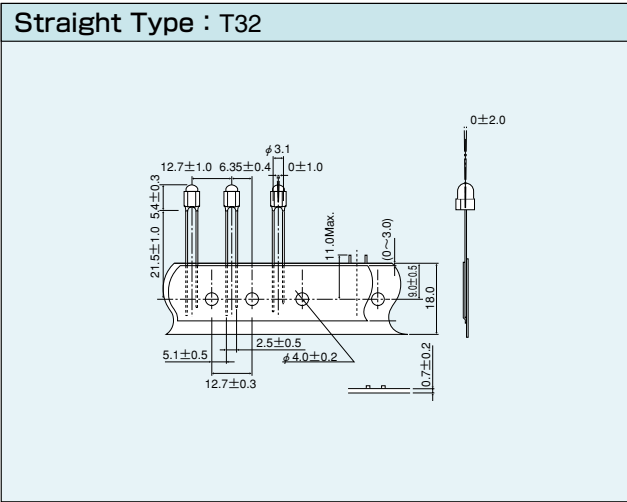
■ Directivity



■ Recommended Pad Layout

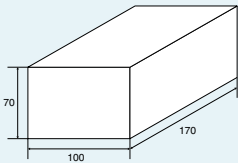


■ Packaging Specifications (Unit : mm)

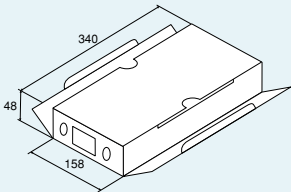


Packaging

Bulk(3F) : 2000pcs/Box

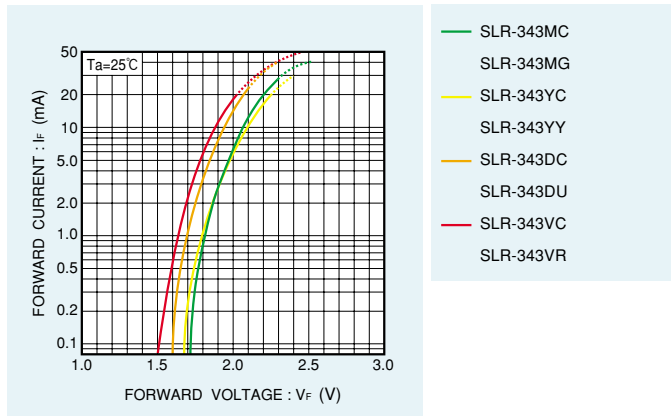


Tape : 2000pcs/Box

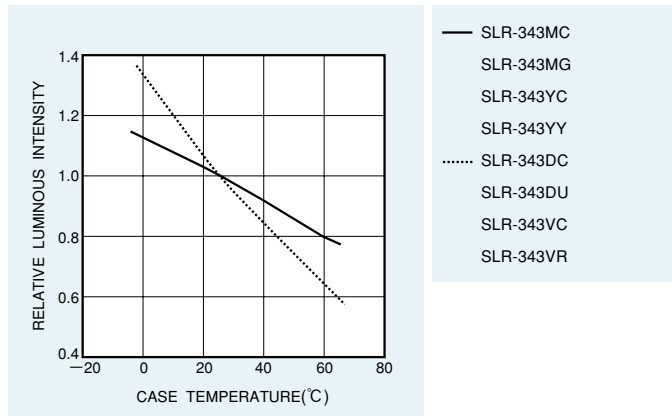


Electrical Characteristic Curves

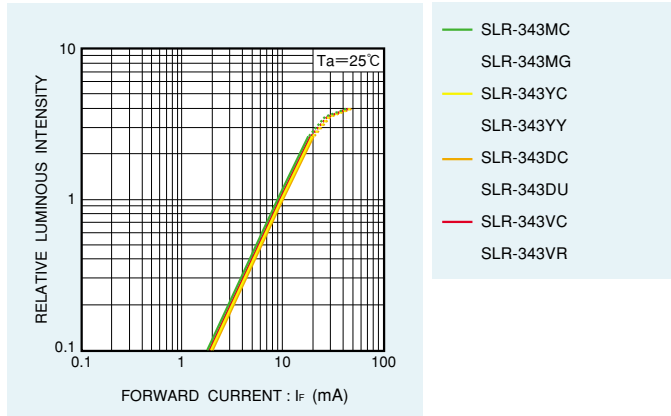
Forward Current - Forward Voltage



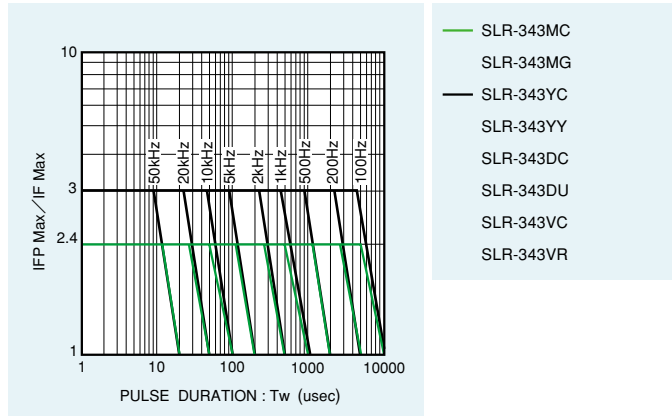
Relative Luminous Intensity - Case Temperature



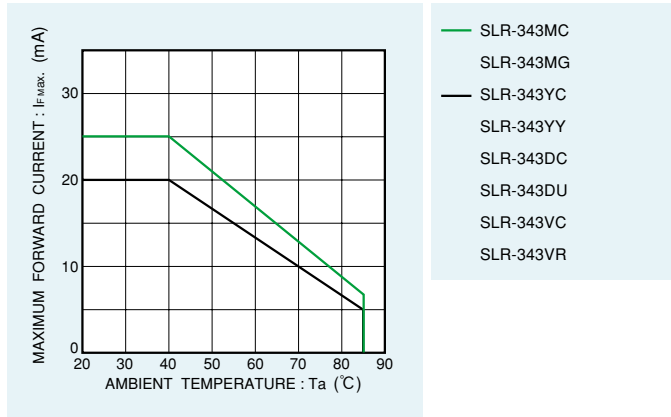
Relative Luminous Intensity - Forward Current



Ratio of Maximum Tolerable Peak Current - Pulse Duration



Derating



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