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

SLR-343 Series



Shape	Emitting Surface Dimension (mm)	Green	Yellow	Orange	Red	
		GaP		GaAsP on GaP		
		563nm	585nm	610nm	650nm	
Circular Type	φ 3.1	SI B-343MC SI B-343MG	SI B-343YC SI B-3	43YY SLR-343DC SLR-343DU	SLB-343VB	

■ Absolute Maximum Ratings (Ta=25°C)

Part No.	Emitting color	Power dissipation Po (mW)	Forward current IF (mA)	Peak forward current IFP (mA)	Reverse voltage V _R (V)	Operating temperature Topr (°C)	Stotage temperature Tstg (°C)	
SLR-343MC	Green	75	25					
SLR-343MG	Green	/5	25					
SLR-343YC	Yellow							
SLR-343YY	renow			60	3	-25 to +85	-30 to +100	
SLR-343DC	Orongo	60	20	60		-23 10 +63	-30 10 +100	
SLR-343DU	Orange							
SLR-343VC	Dod							
SLR-343VR	Red							

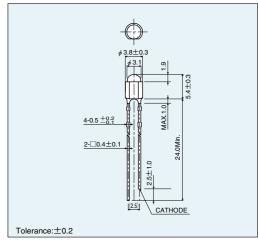
^{*} IFP measured under duty ≤1/5,pulse width ≤1ms.

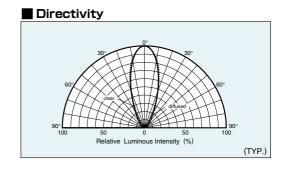
■ Electrical Optical Characteristics (Ta=25°C)

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

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.

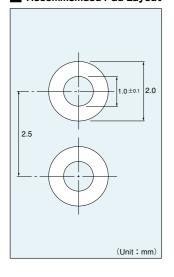
■ External Dimensions (Unit : mm)

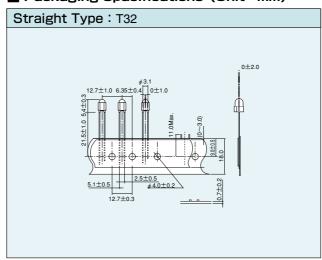


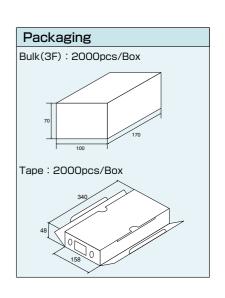


■ Recommemded Pad Layout

■ Packaging Spacifications (Unit: mm)

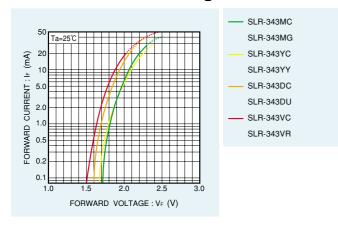




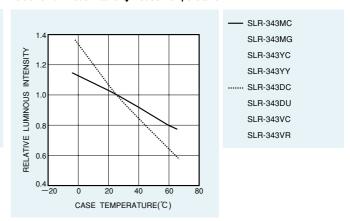


■ Electrical Characteristic Curves

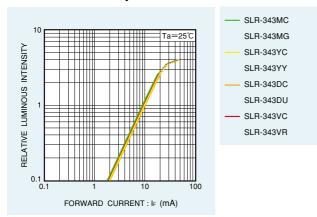
Forward Current - Forward Voltage



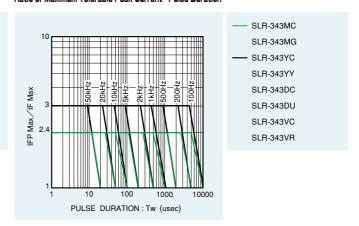
Relative Luminous Intensity - Case Temperature



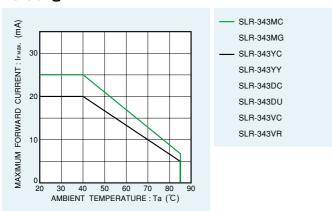
Relative Luminous Intensity - Forward Current



Ratio of Maximum Tolerable Peak Current - Pulse Duration



Derating



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