




# φ3.1(T-1) Circular Type Medium / High-Brightness Type <Viewing Angle 2θ1/2 : 40°>

## SLR343 Series

Pressure Release

Emitting Color	Blue				Green	
Material	InGaN on SiC					
Emitting Surface Dimension(mm)						
 φ3.1						
Part No.	SLR343BC4T	SLR343BC7T	SLR343BCT	SLR343BD2T	SLR343EC4T	SLR343ECT

note) "-" will be taken out for emitting color B/E series.

### ■ Absolute Maximum Ratings (Ta=25°C)

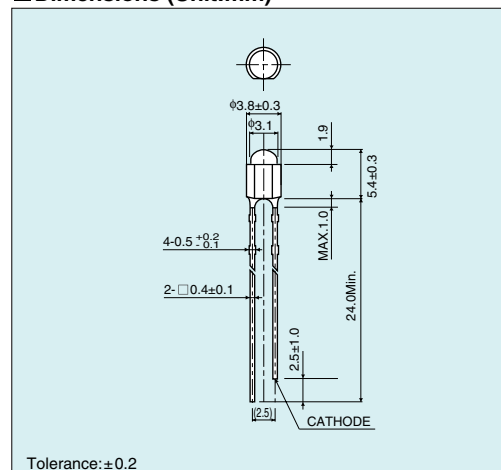
Part No.	Emitting color	Power dissipation P <sub>b</sub> (mW)	Forward current I <sub>F</sub> (mA)	Peak forward current ※ I <sub>FP</sub> (mA)	Reverse voltage V <sub>R</sub> (V)	Operating temperature T <sub>opr</sub> (°C)	Storage temperature T <sub>stg</sub> (°C)
SLR343BC4T	Blue	120	30	100	5	-20 to +80	-30 to +100
SLR343BC7T		105	25				
SLR343BCT		120	30	—			
SLR343BD2T		126					
SLR343EC4T	Green	120	30	100			
SLR343ECT							

※:Duty ≤1/10, 1kHz

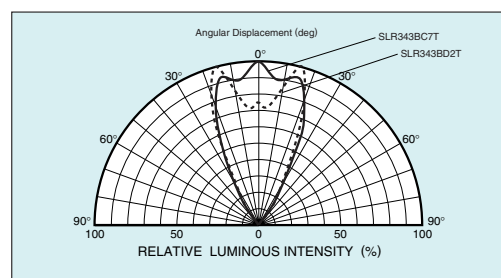
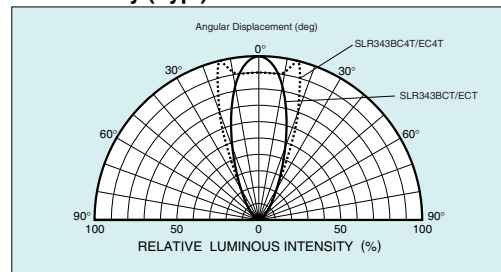
### ■ Electrical Optical Characteristics (Ta=25°C)

Part No.	Resin Color	Forward voltage V <sub>F</sub>		Reverse current I <sub>R</sub>		Light wavelength			Brightness I <sub>v</sub>		
		Typ. (V)	I <sub>F</sub> (mA)	Max. (μA)	V <sub>R</sub> (V)	Peak λ <sub>p</sub> (nm)	Half-wave Δλ (nm)	I <sub>F</sub> (mA)	Min. (mcd)	Typ. (mcd)	I <sub>F</sub> (mA)
SLR343BC4T	Transparent Colorless	3.2	20	100	5	468	26	20	200	470	20
SLR343BC7T						220					
SLR343BCT		3.3				200			600		
SLR343BD2T						470			1000		
SLR343EC4T		3.2				525	36		420	1500	
SLR343ECT		3.3				518	35		610	2000	

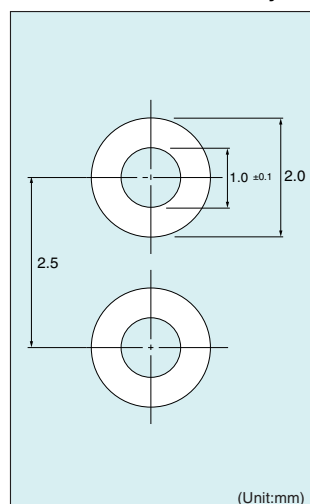
### ■ Dimensions (Unit:mm)



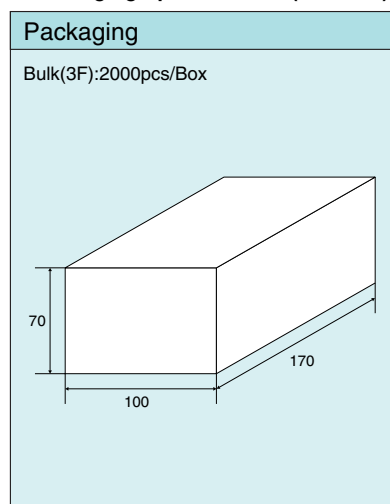
### ■ Directivity (Typ.)



### ■ Recommended Pad Layout



### ■ Packaging Specifications (Unit:mm)

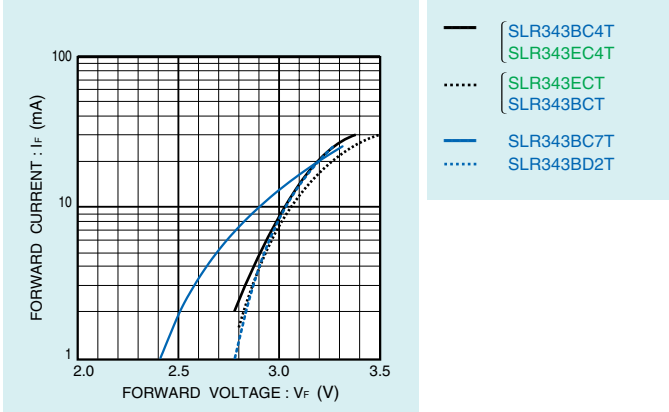


\* Taping requirement is subject to consultation.

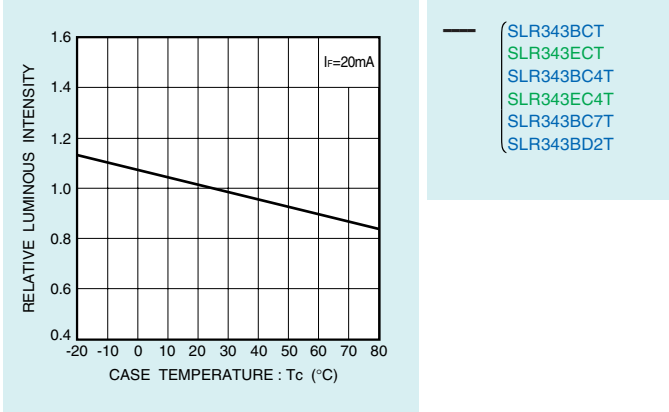
Note) The design and specifications are subject to change without prior notice. Before ordering or using, please check the latest technical specifications.

■Electrical Characteristic Curves

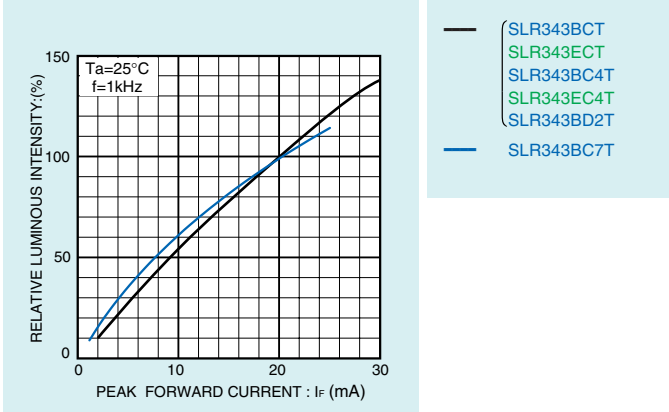
Forward Current - Forward Voltage



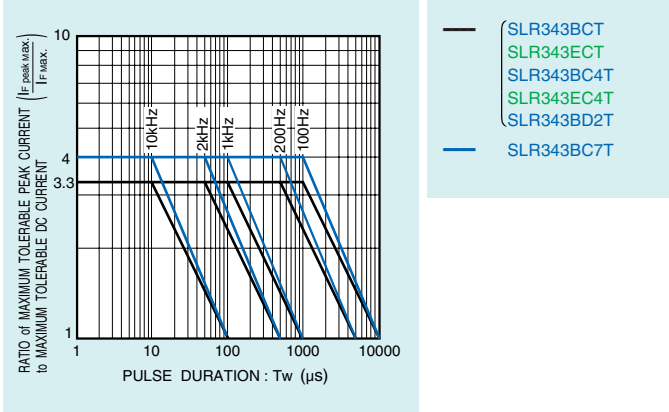
Relative Luminous Intensity - Case Temperature



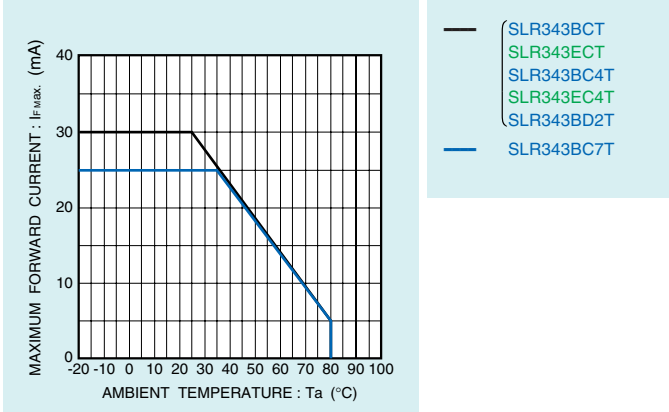
Relative Luminous Intensity - Forward Current



Ratio of Maximum Tolerable Peak Current - Pulse Duration



Derating



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