ϕ3.1(T-1) Circular Type Standard Type
<Viewing Angle 2θ1/2 : 40°>

SLR343 Series

Pressure Release

Emitting Color	White
Material	InGaN on SiC
Emitting Surface Dimension(mm)	
Part No.	**SLR343WBC7T**

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

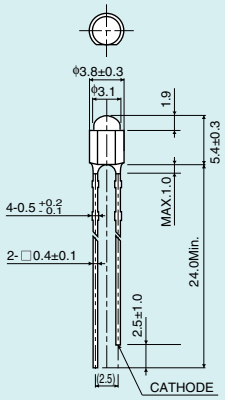
■ Absolute Maximum Ratings (Ta=25°C)

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)	Storage temperature T_{stg} (°C)
SLR343WBC7T	White	105	25	——	5	-20 to +80	-30 to +100

■ Electrical Optical Characteristics (Ta=25°C)

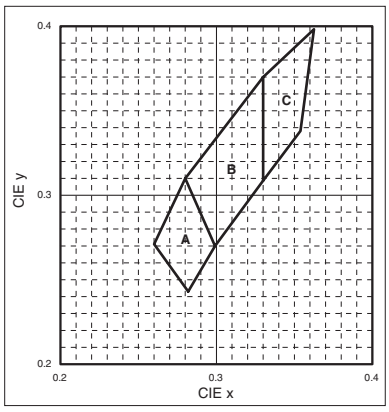
Part No.	Resin	Forward voltage V_F		Reverse current I_R		Chromaticity coordinates			Brightness Iv		
		Typ. (V)	I_F (mA)	Max. (μA)	V_R (V)	x	y	I_F (mA)	Min. (mcd)	Typ. (mcd)	I_F (mA)
SLR343BC4T	Phosphor included	3.2	20	100	5	0.31	0.31	20	330	680	20

■ Dimensions (Unit:mm)



Tolerance:±0.2

■ Chromaticity Diagram

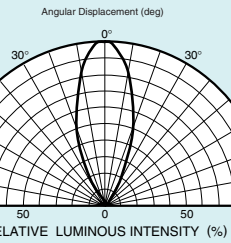


Chromaticity Coordinates (Ta=25°C, I_F=20mA, 30ms measurement)

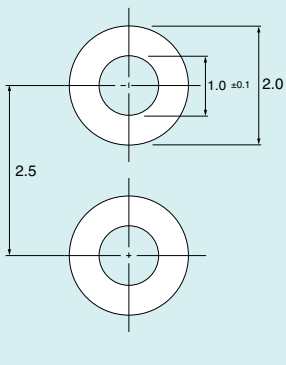
A		B		C	
x	y	x	y	x	y
0.283	0.244	0.280	0.312	0.330	0.307
0.299	0.269	0.330	0.370	0.354	0.339
0.280	0.312	0.330	0.307	0.363	0.398
0.260	0.272	0.299	0.269	0.330	0.370

Measurement tolerance:±0.02

■ Directivity (Typ.)



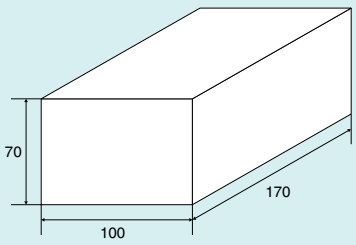
■ Recommended Pad Layout



■ Packaging Specifications (Unit:mm)

Packaging

Bulk(3):2000pcs/Box



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