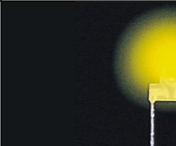

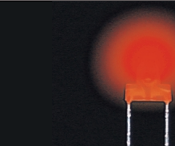


# Low Current Type $\phi 3.2$ Circular Type LED Lamps (5mm Pitch Type)

## SLI-325 Series

Shape	Emitting Surface Dimension (mm)	Yellow		Orange		Red	
		AlGaInP on GaAs					
		591nm		611nm		630nm	
Circular Type	$\phi 3.1$						
		SLI-325YCT31W	SLI-325YYT31W	SLI-325DCT31W	SLI-325DUT31W	SLI-325URCT31W	SLI-325URT31W

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

Part No.	Emitting color	Power dissipation P <sub>D</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)
SLI-325YCT31W	Yellow	48	20	60	4	-25 to +85	-30 to +100
SLI-325YYT31W							
SLI-325DCT31W	Orange	48	20	60	4	-25 to +85	-30 to +100
SLI-325DUT31W							
SLI-325URCT31W	Red	48	20	60	4	-25 to +85	-30 to +100
SLI-325URT31W							

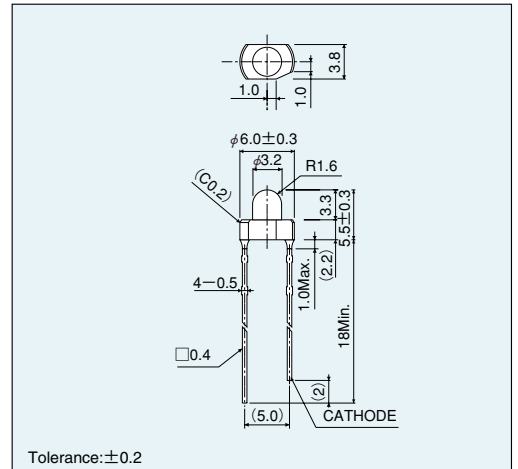
\* I<sub>FP</sub> measured under duty  $\leq 1/5$ , pulse width  $\leq 1$ ms.

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

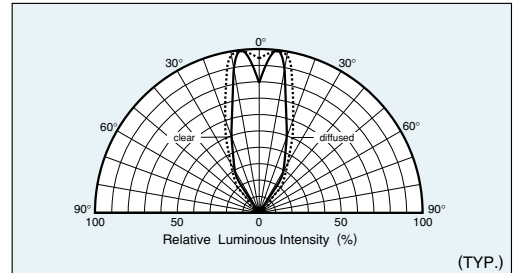
Part No.	Resin Color	Forward voltage V <sub>F</sub>		Reverse current I <sub>R</sub>		Light wavelength			Brightness I <sub>v</sub>		
		Typ. (V)	I <sub>F</sub> (mA)	Max. ( $\mu$ A)	V <sub>R</sub> (V)	Peak $\lambda_p$ (nm)	Half-wave $\Delta\lambda$ (nm)	I <sub>F</sub> (mA)	Min. (mcd)	Typ. (mcd)	I <sub>F</sub> (mA)
SLI-325YCT31W	Colored Clear	1.9 (1.80)	20 (2)	100	4	591	15	20	36	160(16)	20
SLI-325YYT31W	Colored Diffused					36	100(10)				
SLI-325DCT31W	Colored Clear	1.85 (1.80)	20 (2)	100	4	611	16	20	36	160(16)	20
SLI-325DUT31W	Colored Diffused					36	100(10)				
SLI-325URCT31W	Colored Clear	1.85 (1.80)	20 (2)	100	4	630	18	20	36	160(16)	20
SLI-325URT31W	Colored Diffused					36	100(10)				

Note) Straight taping only.

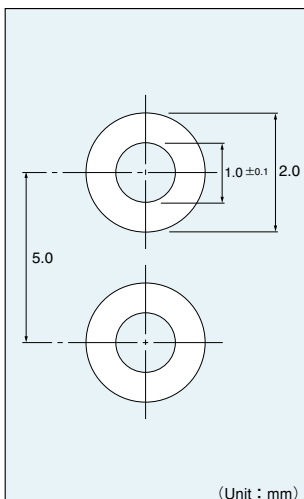
### External Dimensions (Unit : mm)



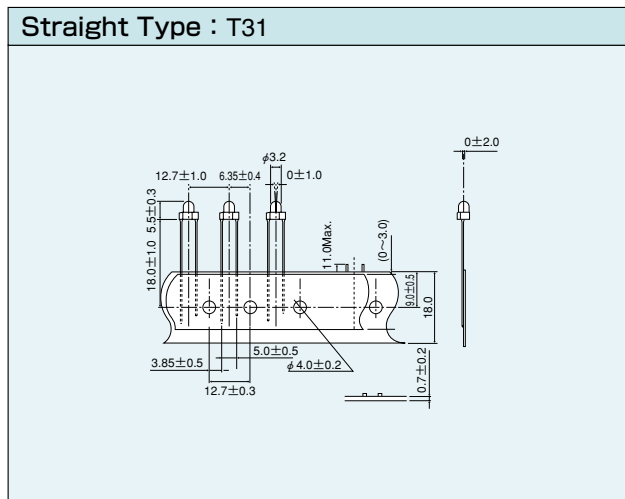
### Directivity



### Recommended Pad Layout

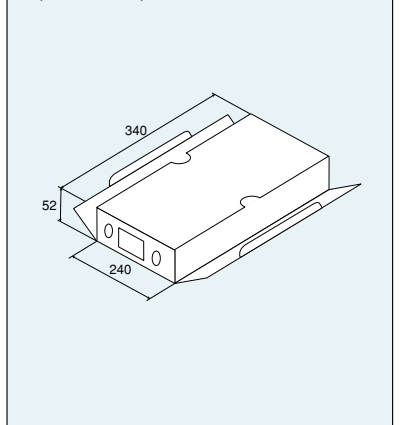


### Packaging Specifications (Unit : mm)



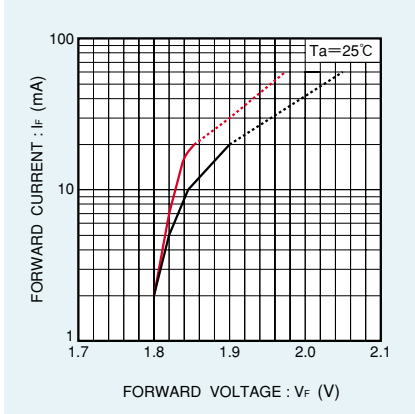
### Packaging

Tape : 2000pcs/Box



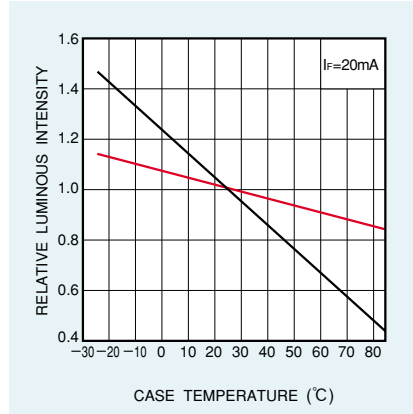
## Electrical Characteristic Curves

### Forward Current - Forward Voltage



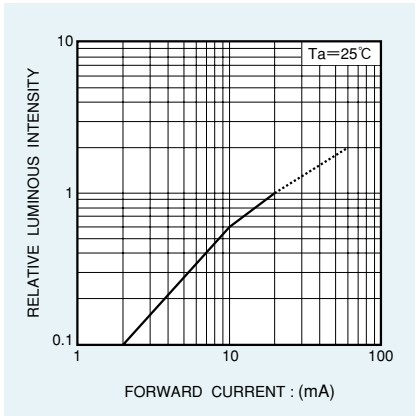
- SLI-325YCT31W
- SLI-325YYT31W
- SLI-325DCT31W
- SLI-325DUT31W
- SLI-325URCT31W
- SLI-325URT31W

### Relative Luminous Intensity - Case Temperature



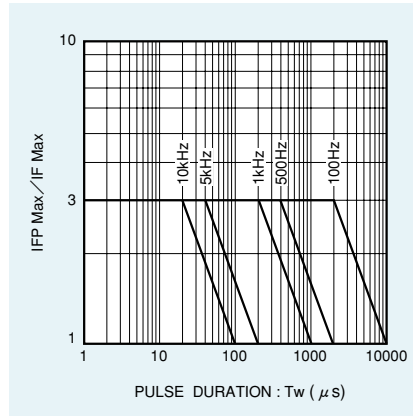
- SLI-325YCT31W
- SLI-325YYT31W
- SLI-325DCT31W
- SLI-325DUT31W
- SLI-325URCT31W
- SLI-325URT31W

### Relative Luminous Intensity - Forward Current



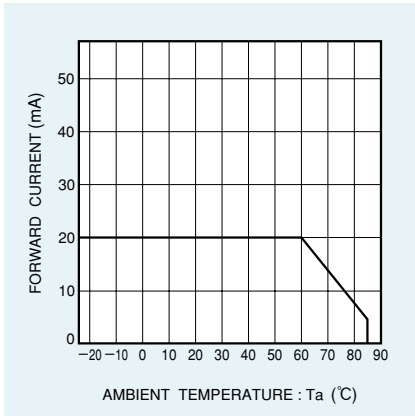
- SLI-325YCT31W
- SLI-325YYT31W
- SLI-325DCT31W
- SLI-325DUT31W
- SLI-325URCT31W
- SLI-325URT31W

### Ratio of Maximum Tolerable Peak Current - Pulse Duration



- SLI-325YCT31W
- SLI-325YYT31W
- SLI-325DCT31W
- SLI-325DUT31W
- SLI-325URCT31W
- SLI-325URT31W

### Derating



- SLI-325YCT31W
- SLI-325YYT31W
- SLI-325DCT31W
- SLI-325DUT31W
- SLI-325URCT31W
- SLI-325URT31W

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