

Pb Free
ROHM Electronic Components

RoHS
Directive Compliance

Emitting Color	Yellow		Orange		Red	
Material	AlGaInP on GaAs					
Emitting Surface Dimension(mm)						
 φ 3.2						
Part No.	SLI-325YCT31W	SLI-325YYT31W	SLI-325DCT31W	SLI-325DUT31W	SLI-325URCT31W	SLI-325URT31W

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)
SLL-325YCT31W	Yellow						
SLL-325YYT31W							
SLL-325DCT31W	Orange	48	20	60	4	-25 to +85	-30 to +100
SLL-325DUT31W							
SLL-325URCT31W	Red						
SLL-325URT31W							

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 (nm)	Half-wave Δλ (nm)	I _F (mA)	Min. (mcd)	Typ. (mcd)	I _F (mA)
SLI-325YCT31W	Transparent Colored	1.9 (1.80)	20 (2)	100	4	591	15	20	36	160(16)	20 (2)
SLI-325YYT31W	Diffused Colored								36	100(10)	
SLI-325DCT31W	Transparent Colored						36		160(16)		
SLI-325DUT31W	Diffused Colored						36		100(10)		
SLI-325URCT31W	Transparent Colored	1.85					36		160(16)		
SLI-325URT31W	Diffused Colored	1.80					36		100(10)		

Angular Displacement (deg)

0°

30°

30°

60°

60°

90°

100

50

0

50

100

RELATIVE LUMINOUS INTENSITY (%)

clear

diffused

Technical drawing of a stepped shaft. The shaft has a total length of 5.0 mm. The diameter of the larger section is 2.0 mm, and the diameter of the smaller section is 1.0 mm. The transition between the two sections is a fillet with a radius of $R=0.1$ mm. The drawing includes a side view and a top view, with dimension lines and a scale bar.

Straight Type:T31

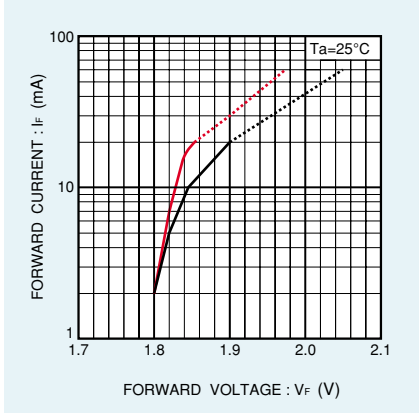
Technical drawing of a rectangular box (likely a component or container) with dimensions:

- Length: 340
- Width: 52
- Depth: 240

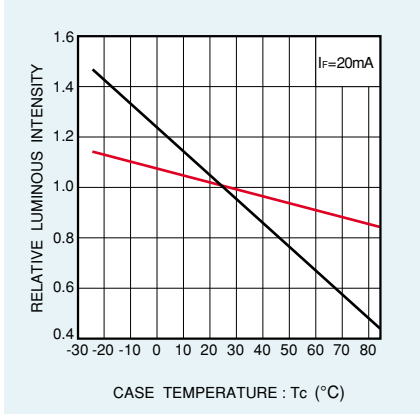
The drawing shows a perspective view of the box, highlighting its rectangular shape and the specified dimensions.

■ Electrical Characteristic Curves

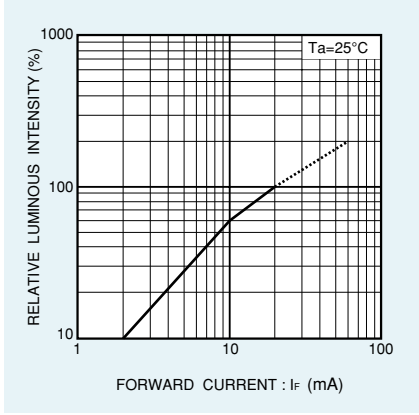
Forward Current - Forward Voltage



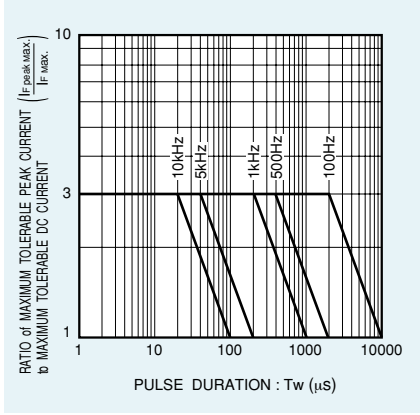
Relative Luminous Intensity - Case Temperature



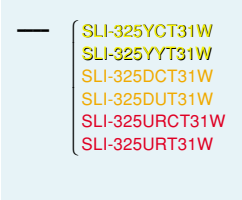
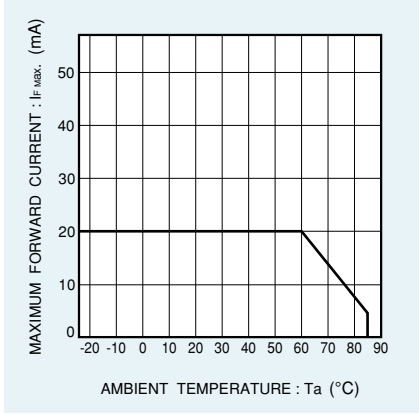
Relative Luminous Intensity - Forward Current



Ratio of Maximum Tolerable Peak Current - Pulse Duration



Derating



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