



# EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : CDLE-033-600 REV.: 1

5.0mm Round Type LED Lamps

PART NO. : 333-2SURD/S530-A3

ECN: \_\_\_\_\_ Page: 1/4

**Features :**

- Choice of various viewing angles
- Available on tape and reel.
- Reliable and robust

**Descriptions :**

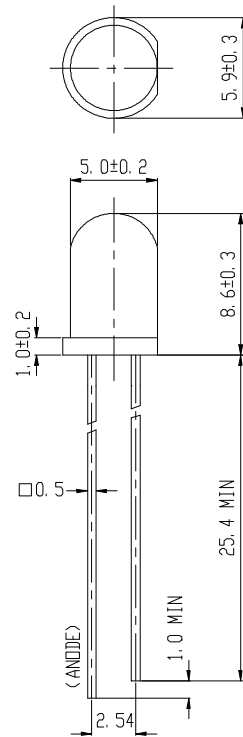
The series is specially designed for applications requiring higher brightness

The led lamps are available with different colors, intensities,

**Applications :**

- TV set
- Monitor
- Telephone
- Computer

**Package Dimensions:**



**Notes :**

1. All dimensions are in millimeters.
2. An epoxy meniscus may extend about 1.5mm(0.059") down to the lead.
3. Tolerances unless Dimension  $\pm 0.25$ mm.

PART NO.	Chip		Lens Color
	Material	Emitted Color	
333-2SURD/S530-A3	AlGaInP	Hyper Red	Red Diffused

Office : 7C Building, Lian Hua Port Industrial District, Lian Hua Shan

Bonded Processing Zone Pan Yu, Guang Zhou, China

TEL. : (020)84860913,84860914

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http : //www.everlight.com





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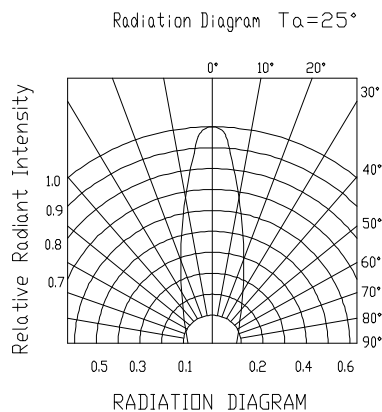
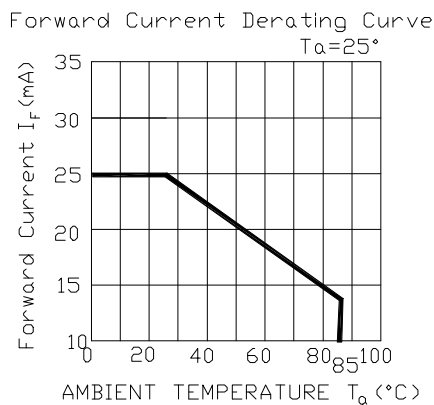
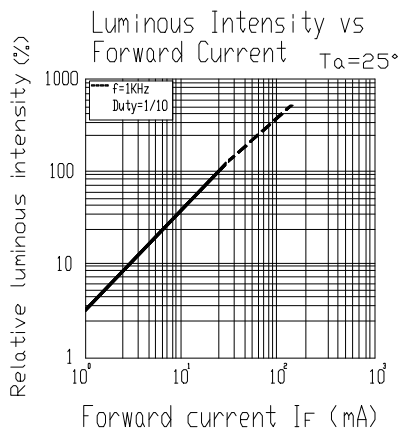
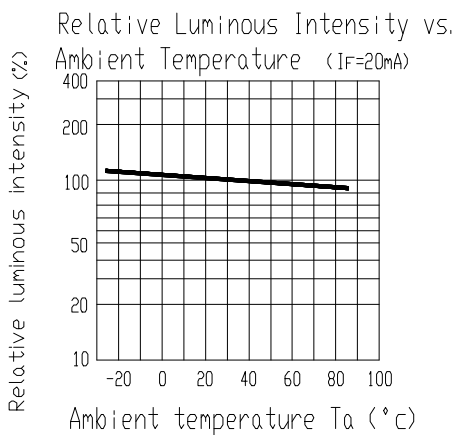
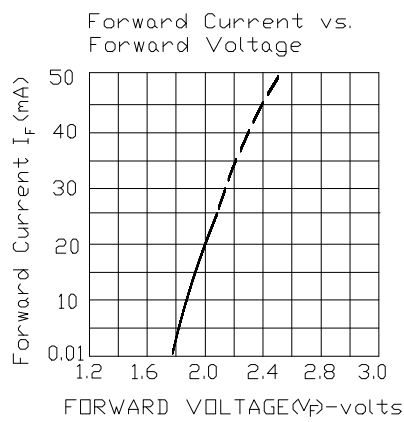
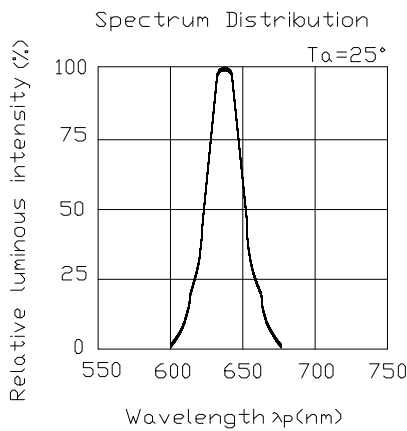
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## Typical Electro-Optical Characteristic Curves:

( SUR )





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PART NO. : 333-2SURD/S530-A3 ECN :                      Page: 4/4

## Reliability test items and conditions:

NO	Item	Test Conditions	Test Hours/Cycle	Number	Ac/Re
1	Solder Heat	TEMP : 260 ± 5	10 SEC	76 PCS	0/1
2	Temperature Cycle	H : +85 30min 5 min L : -55 30min	300 CYCLES	76 PCS	0/1
3	Thermal Shock	H : +100 5min 10 sec L : -10 5min	300 CYCLES	76 PCS	0/1
4	High Temperature Storage	TEMP : 100	1000 HRS	76 PCS	0/1
5	Low Temperature Storage	TEMP : -40	1000 HRS	76 PCS	0/1
6	DC Operating Life	TEMP : 25 IF = 20mA	1000 HRS	76 PCS	0/1
7	High Temperature / High Humidity	85 / 85% RH	1000 HRS	76 PCS	0/1