



EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : CDLE-038-193 REV.: 1

5.0mm Round Type LED Lamps

PART NO. : 383-2SDRC/S530-A3 ECN: _____ Page: 1/4

Features :

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

Descriptions :

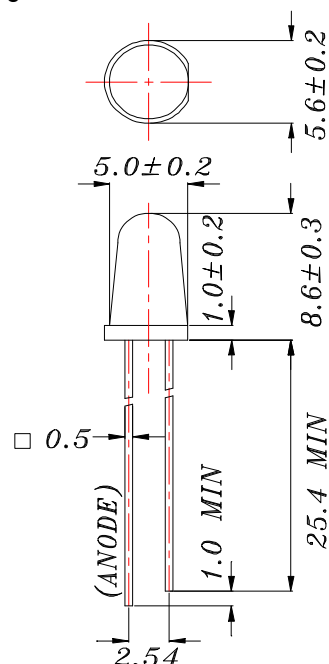
The series is specially designed for applications requiring higher brightness

The led lamps are available with different colors, intensities,

Applications :

- TV set
- Monitor
- Telephone
- Computer

Package Dimensions:



Notes :

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

PART NO.	Chip		Lens Color
	Material	Emitted Color	
383-2SDRC/S530-A3	AlGaInP	Super Deep-Red	Water Clear

Office : 7C Building, Lian Hua Port Industrial District, Lian Hua Shan
 Bonded Processing Zone Pan Yu, Guang Zhou, China
 TEL. : (020)84860913,84860914
 FAX : (020)84860600
 http : //www.everlight.com

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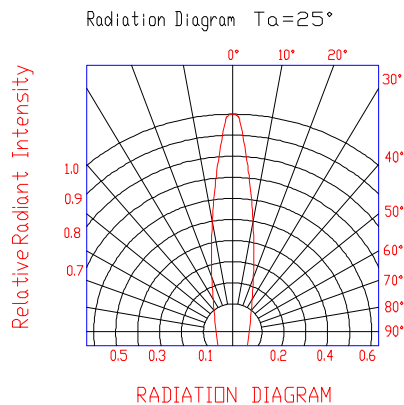
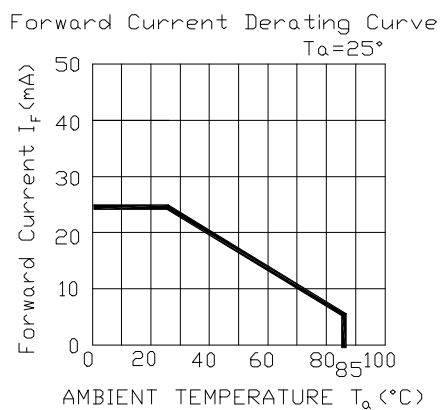
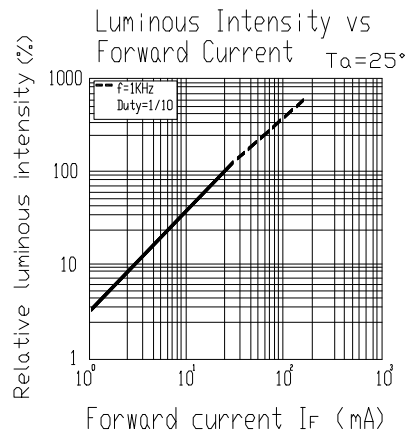
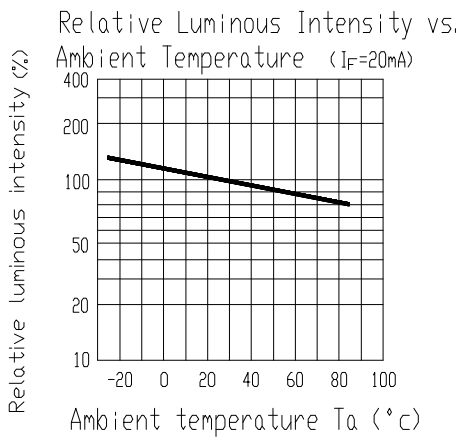
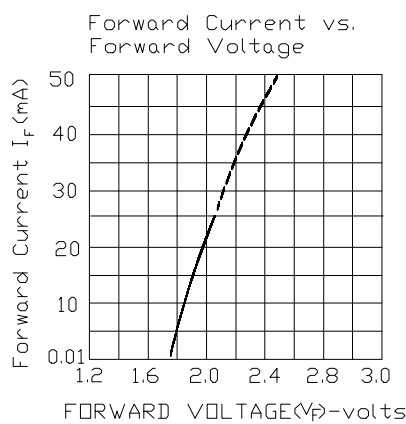
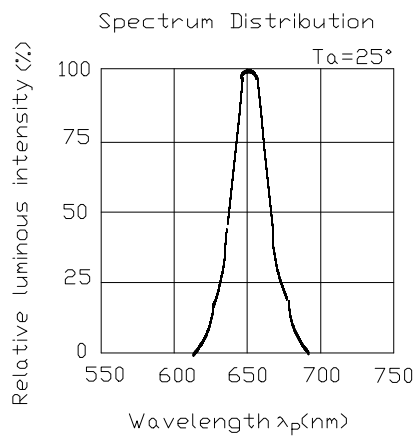
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Typical Electro-Optical Characteristic Curves:

(SDR)





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Device Number E-038 REV.: 1

5.0mm Round Type LED Lamps

PART NO. : 383-2SDRC/S530-A3 ECN : Page: 4/4

Reliability test items and conditions:

NO	Item	Test Conditions	Test Hours/Cycle		Ac/Re
1	Solder Heat	TEMP : 260 ± 5	5 SEC	76 PCS	0/1
2	Temperature Cycle	H : +85 30min 5 min L : -55 30min	50 CYCLES	76 PCS	0/1
3	Thermal Shock	H : +100 5min 10 sec L : -10 5min	50 CYCLES	76 PCS	0/1
4	High Temperature Storage	TEMP : 100	1000 HRS	76 PCS	0/1
5	Low Temperature Storage	TEMP : -55	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

