



# EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DLE-822-009 REV: 1.0

3mm Round Small Flange Without stand-off LEDs, T-1

PART NO : 8224-10SYGT/S900-E3 ECN : \_\_\_\_\_ Page: 1/4

### ■ Features :

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

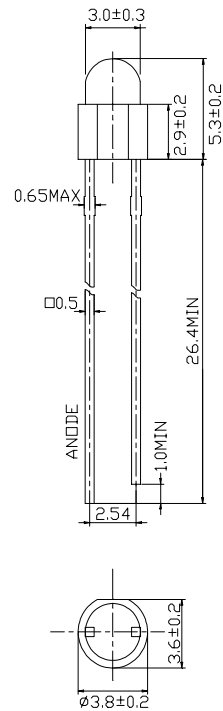
### ■ Descriptions :

- The series is specially designed for applications requiring higher brightness.
- The LED lamps are available with different colors, intensities, epoxy colors, etc.

### ■ 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	
8224-10SYGT/S900-E3	AlGaInP	Super Yellow Green	Green Trans

B90010439,9002061,C90010613

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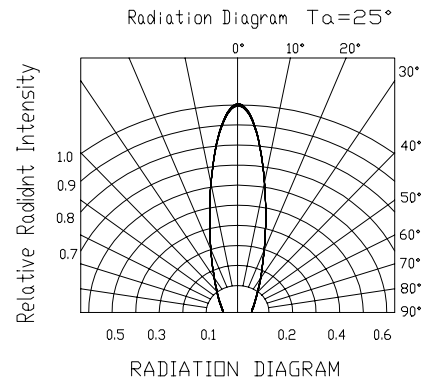
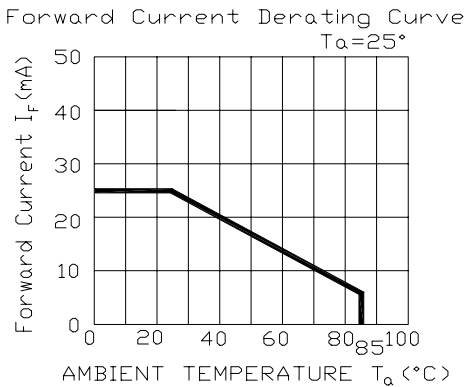
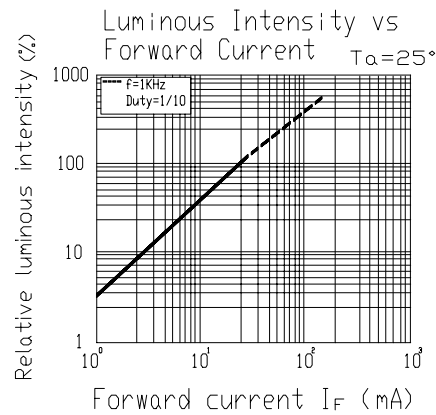
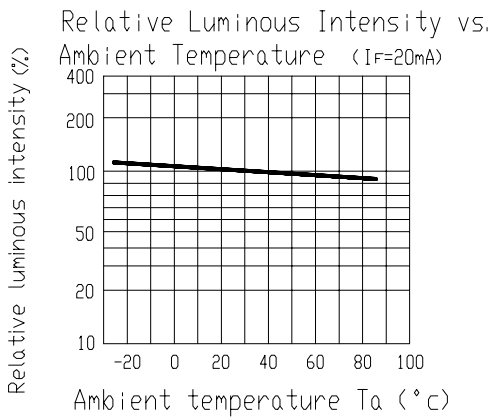
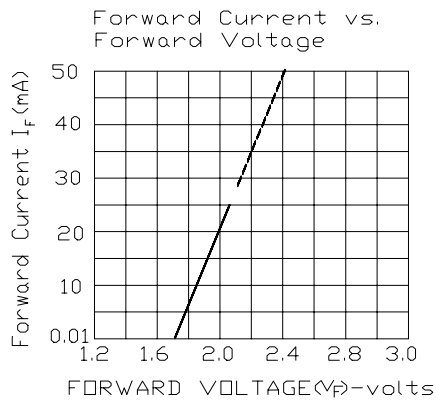
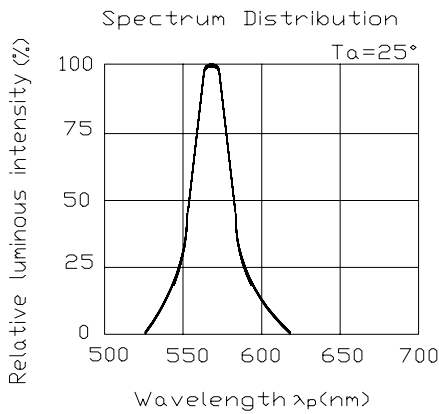
<http://www.everlight.com>





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Typical Electro-Optical Characteristic Curves





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## ■ Reliability test items and conditions

No	Item	Test Conditions	Test Hours/Cycle	Sample Size	Ac/Re
1	Solder Heat	TEMP : 260°C ± 5 °C	5 SEC	76 PCS	0/1
2	Temperature Cycle	H : +85°C 30min ∫ 5 min L : -55°C 30min	50 CYCLES	76 PCS	0/1
3	Thermal Shock	H : +100°C 5min ∫ 10 sec L : -10°C 5min	50 CYCLES	76 PCS	0/1
4	High Temperature Storage	TEMP : 100°C	1000 HRS	76 PCS	0/1
5	Low Temperature Storage	TEMP : -55°C	1000 HRS	76 PCS	0/1
6	DC Operating Life	IF = 20 mA	1000 HRS	76 PCS	0/1
7	High Temperature / High Humidity	85°C/85% RH	1000 HRS	76 PCS	0/1