



EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DLE-125-015 REV: 1.2

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

MODEL NO : 1254YD ECN : _____ Page: 1/4

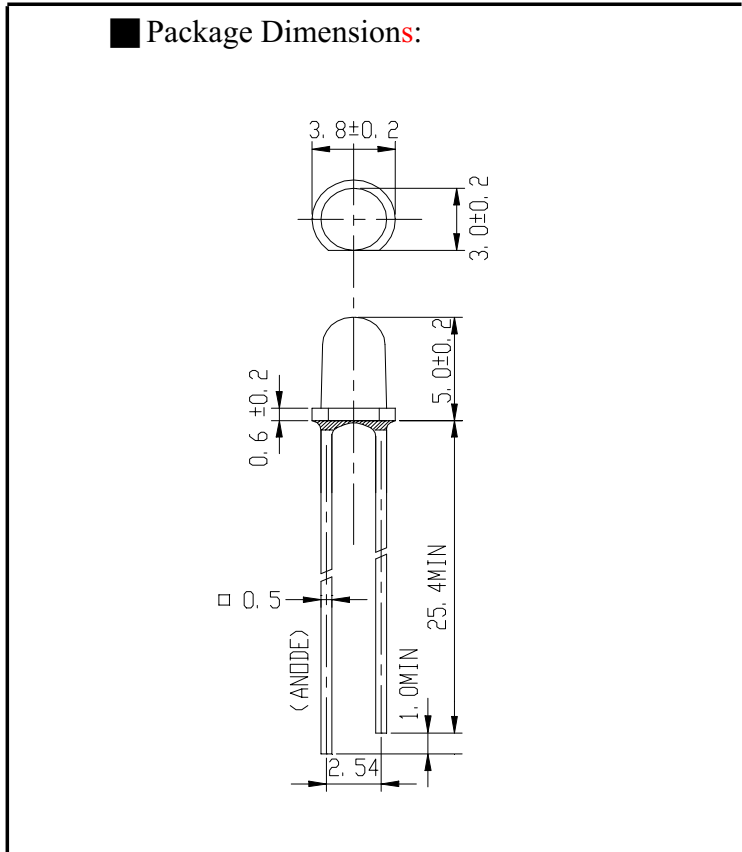
Features :

- High luminous power.
- Can be driven at low current.
- 2.54mm lead spacing.
- Available on tape and reel.

Descriptions :

- The series is specially designed for applications **require** higher brightness than that achievable with standard lamp.
- The LED lamps are available with **different colors,intensities, epoxy colors, etc.**

Package Dimensions:



Applications :

- TV Set
- Monitor
- Telephone
- Computer

NOTES :

1. All dimensions are **in millimeters.**
2. **Epoxy meniscus may extend about 1.5mm(0.059") down to the lead.**

PART NO	CHIP		Lens Color
	Material	Emitted Color	
1254YD	GaAsP/GaP	Yellow	Yellow Diffused

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TEL : 886-2-2267-2000,2266-9936(22 Lines)

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http: //www.everlight.com



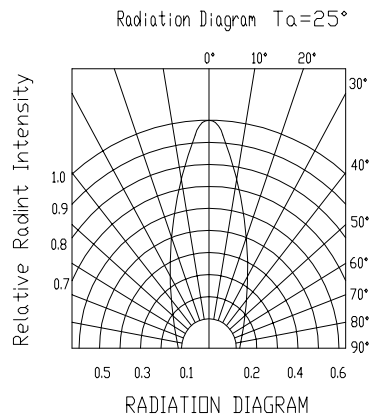
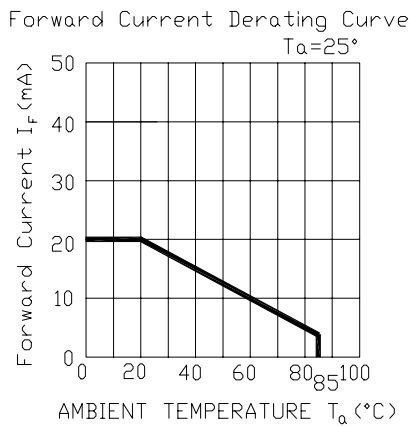
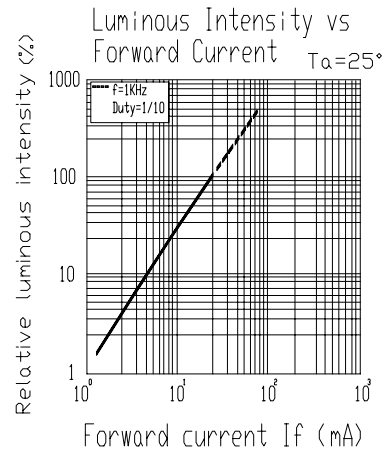
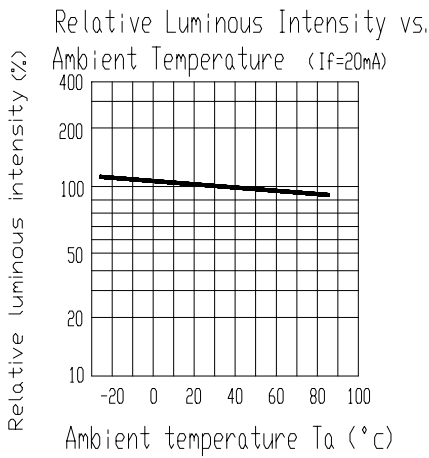
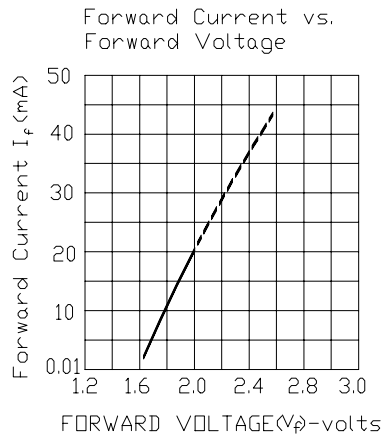
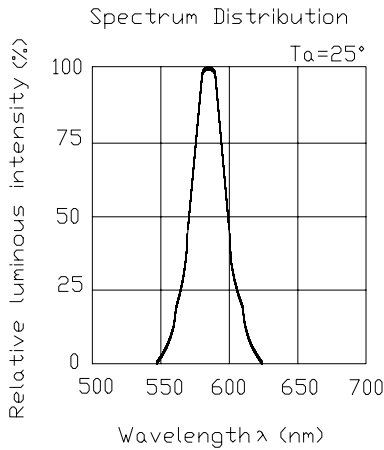
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■ Typical Electro-Optical Characteristic Curves





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■ Reliability test items and conditions

NO	Item	Test Conditions	Test Hours/Cycle	Sample Size	Ac/Re
1	Soldering 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 CYCLE	76 Pcs	0/1
3	Thermal Shock	H : +100°C 5min ∫ 10 sec L : -10°C 5min	50 CYCLE	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