



EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DLE-020-288 REV: 1.0

3.0mm Bi-Color (Multi-Color)With common Cathode(0.1" Lead pitch) LEDs, T-1

PART NO : 209-3UYSYGW/S530-A2/S880 ECN : _____ Page: 1/5

Features :

- Two chips are matched for uniform light output, wide viewing angle
- Long life-solid state reliability
- IC compatible/Low power consumption

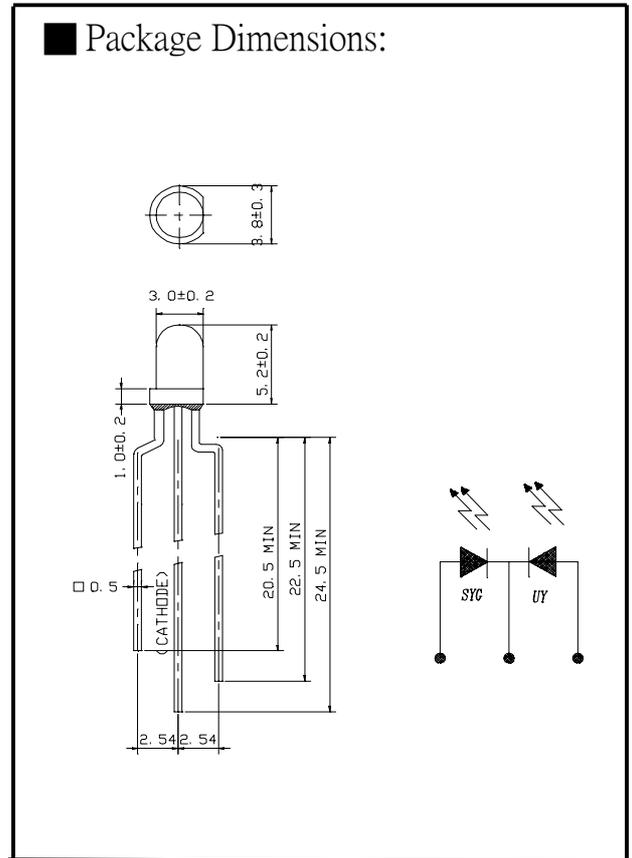
Descriptions :

- The 209 LED lamp contain two integral chips and is available as both bicolor and bipolar types.
- The Super Yellow and Super Yellow Green Light is emitted by diodes of AlGaInP and AlGaInP respectively.

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.

PART NO	Chip		Lens Color
	Material	Emitted Color	
209-3UYSYGW/S530-A2/S880	AlGaInP	Super Yellow	White Diffused
	AlGaInP	Super Yellow Green	

B89030665,8903177

OFFICE : NO. 25,Lane 76,Sec.3, Chung Yang Rd., Tucheng 236, Taipei, Taiwan, R.O.C.

TEL : 886-2-2267-2000,2267-9936

FAX : 886-2-2267-6244,22676189,22676306

<http://www.everlight.com>



EVERLIGHT ELECTRONICS CO.,LTD.

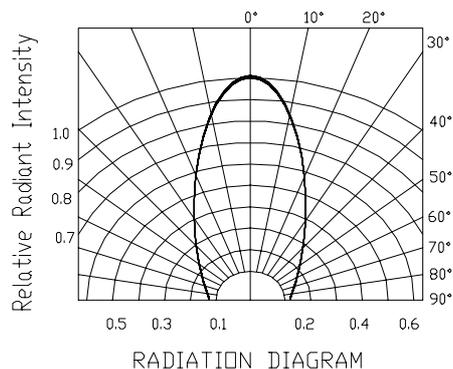
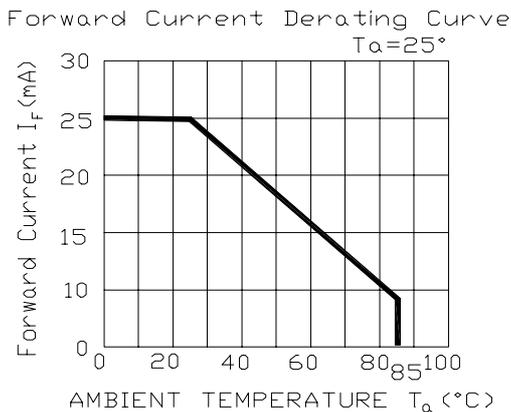
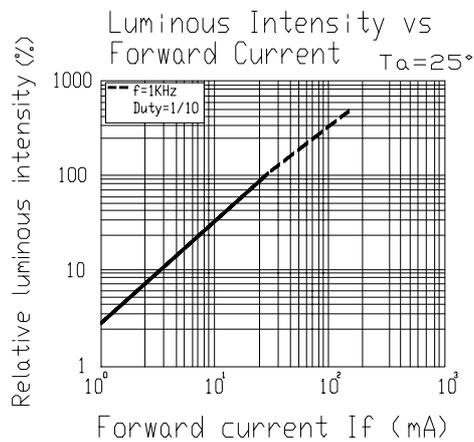
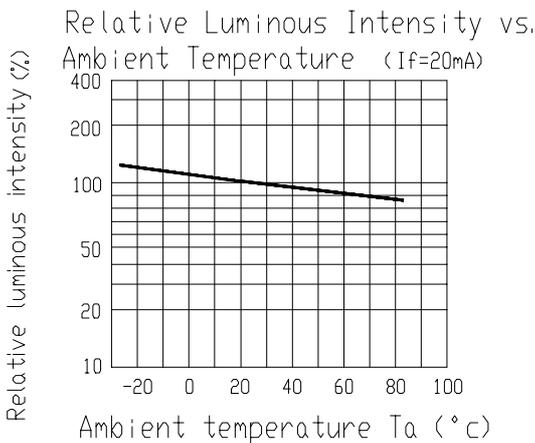
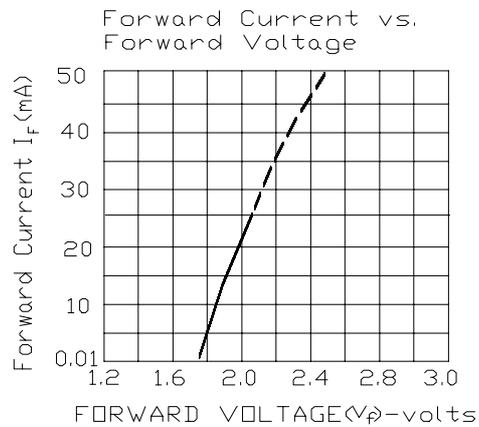
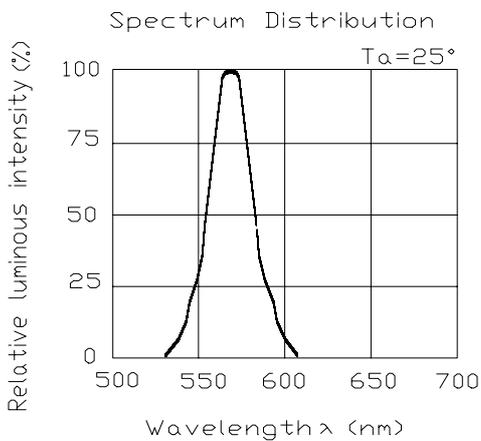
Device Number : DLE-020-288 REV: 1.0

3.0mm Bi-Color (Multi-Color)With common Cathode(0.1" Lead pitch) LEDs, T-1

PART NO : 209-3UYSYGW/S530-A2/S880 ECN : _____ Page: 4/5

■ Typical Electro-Optical Characteristic Curves

SYG





EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DLE-020-288 REV: 1.0

3.0mm Bi-Color (Multi-Color)With common Cathode(0.1" Lead pitch) LEDs, T-1

PART NO : 209UYSYGW/S530-A2/S880 ECN : _____ Page: 5/5

■ 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