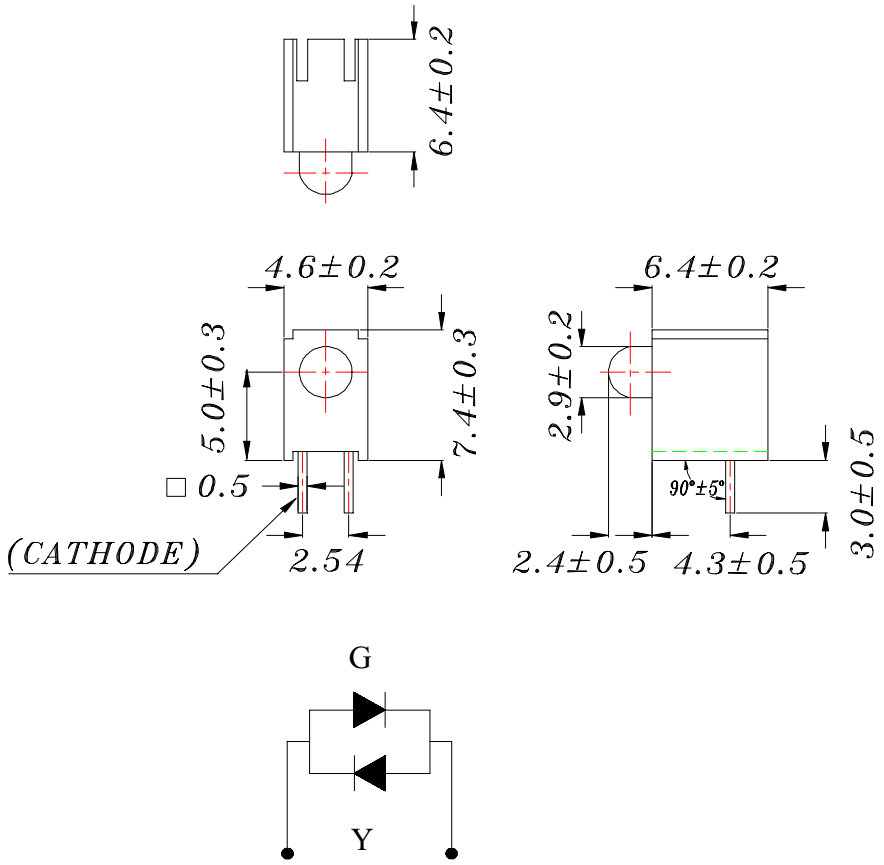
EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DAE-026-305 REV.: 1.1

PART NO. : A264B/GYW/F184 ECN : Page: 1/7

■ Package Dimension:



■ Notes:

1.All dimensions are in millimeters, tolerance is 0.25mm except being specified

2.Lead spacing is measured where the lead emerge from the package

LED PART NO	Chip		Lens Color
	Material	Emitted Color	
264GYW	GaP	Green	White Diffused
	GaAsP/GaP	Yellow	

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http://www.everlight.com

■ Descriptions:

1.ARRAY=Plastic Holder+Combination of Lamps

2.The array will easily mount the applicable lamps on any panel

■ Features:

1.Low power consumption

2.High efficiency and low cost

3.Good control and free combinations on the colors of LED lamps

5.Good lock and easy to assembly

6.Stackable and easy to assembly

7.Stackable vertically and easy to assembly

8.Versatile mounting on PCB or panel

9.Stackable horizontally and easy to assembly

■ Applications:

1.Used as indicators of indicating the Degree, Functions, Positions etc, in electronic instruments.

■ LED LAMP ARRAYS SELECTION GUIDE:

A 264 B / G Y W /F184

- G Y W: H:Brihgt Red, G:Green
- B: COLOR OF HOLDER
- 264: MODEL
- A: ARRAY

■ Absolute Maximum Ratings at Ta = 25℃

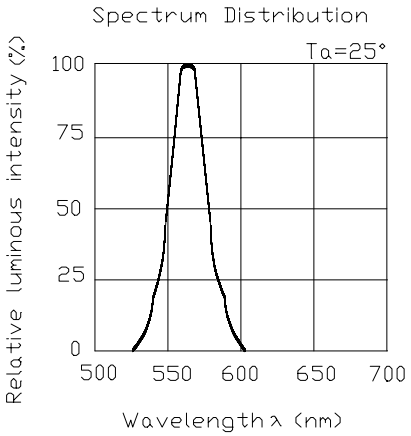
Parameter	Symbol	Rating		Unit
Forward Current	I_F	G	30	mA
		Y	25	
Operating Temperature	Topr	-40 to +85		℃
Storage Temperature	Tstg	-40 to +100		℃
Soldering Temperature	Tsol	260 ± 5		℃
Power Dissipation	Pd	G	100	mW
		Y	85	
Peak Forward Current (Duty 1/10 @ 1KHz)	I_F(Peak)	G	160	mA
		Y	160	
Reverse Voltage	V_R	5		V

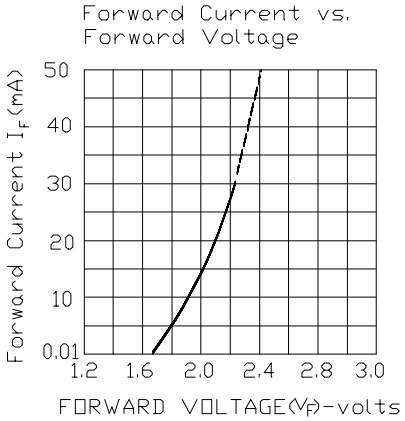
■ Electronic Optical Characteristics :

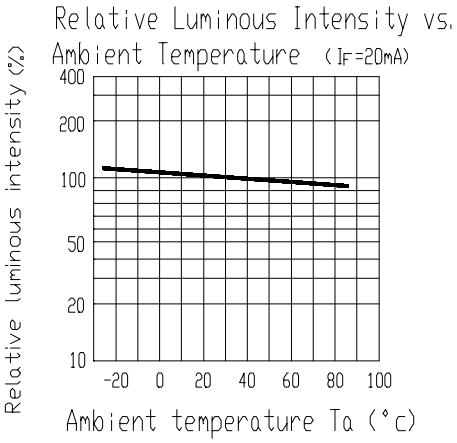
Parameter	Symbol		Min	Typ	Max	Unit	Condition
Luminous Intensity	Iv	G	1.6	2.5	／	mcd	I_F= 10 mA
		Y	1.6	2.5	／		
Viewing Angle	2θ1/2		／	70	／	deg	I_F= 20 mA
Peak Wavelength	λp	G	／	565	／	nm	I_F= 20 mA
		Y	／	585	／		
Dominant Wavelength	λd	G	／	570	／	nm	I_F= 20 mA
		Y	／	590	／		
Spectrum Radiation Bandwidth	△λ	G	／	30	／	nm	I_F= 20 mA
		Y	／	35	／		
Forward Voltage	V_F	G	1.7	2.1	2.4	V	I_F= 20 mA
		Y	1.7	2.0	2.4		
Reverse Current	I_R		／	／	10	μA	V_R= 5 V

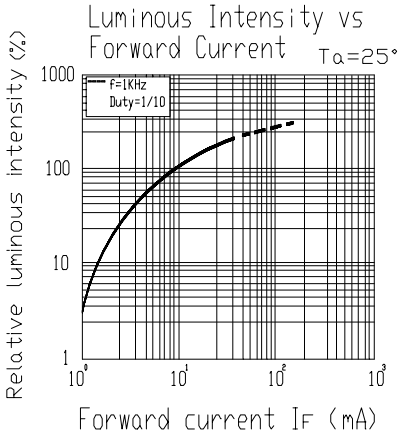
■ Typical Electro-Optical Characteristic Curves:

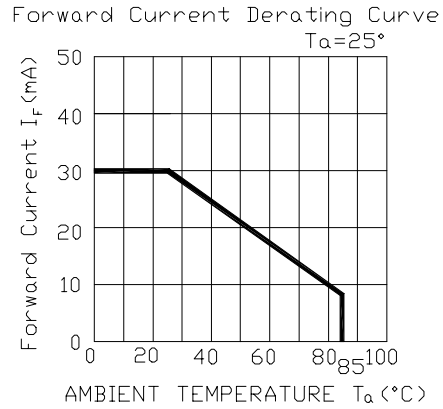
(G)

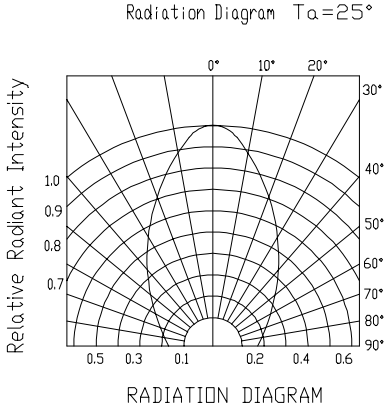






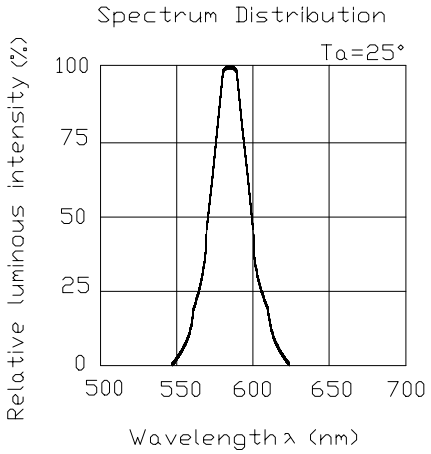


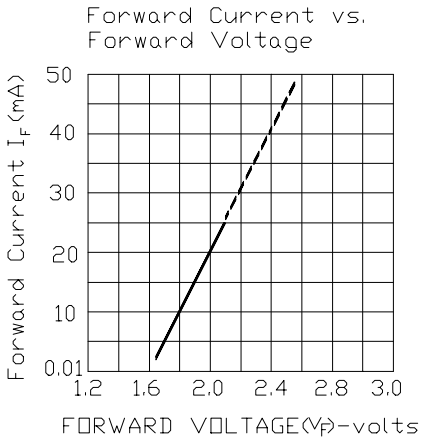


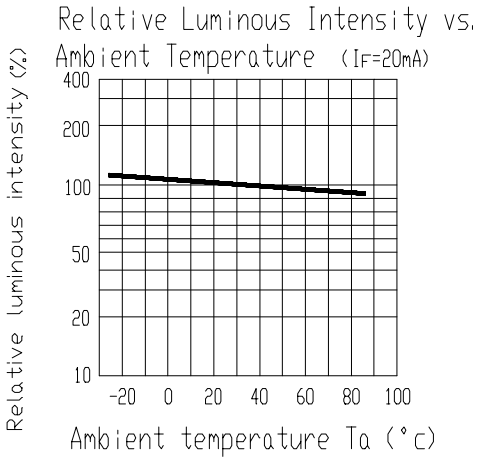


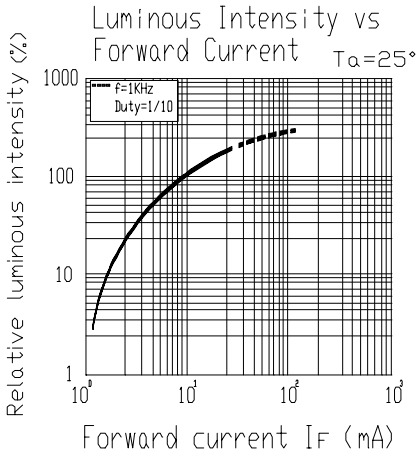
■ Typical Electro-Optical Characteristic Curves:

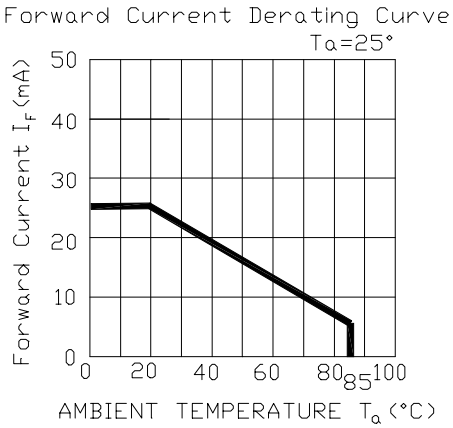
(Y)

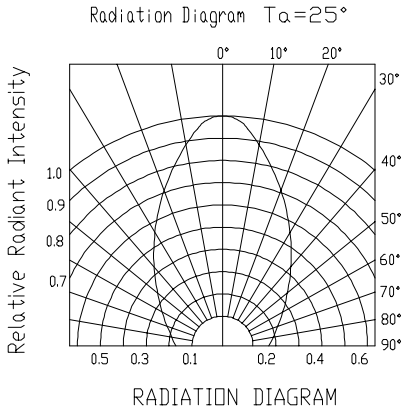












■ Reliability test items and conditions

No	Item	Test Conditions	Test Hours/Cycle	Sample Size	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	I_F= 20 mA	1000 HRS	76 PCS	0/1
7	High Temperature / High Humidity	85℃/85% RH	1000 HRS	76 PCS	0/1