

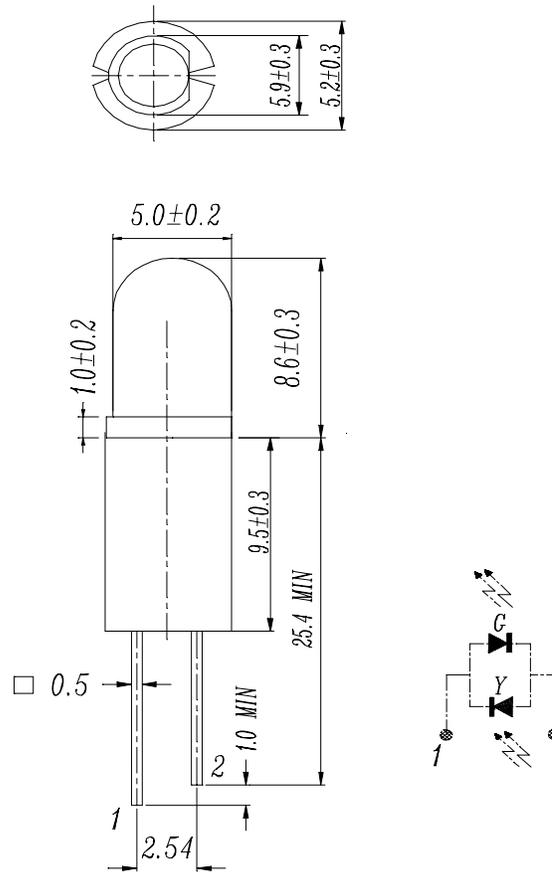


EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DAE-216-449 REV: 1.0

PART NO : A2163B/336YGW ECN : _____ Page: 1 / 6

■ Package Dimensions:



■ Notes:

1. All dimensions are in millimeters, tolerance is 0.25mm except being specified
2. Lead spacing is measured where the lead emerges from the package

LED PART NO	Chip		Lens Color
	Material	Emitted Color	
336YGW	GaAsP/GaP	Yellow	White Diffused
	GaP	Green	

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■ 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 degrees, Functions, Positions etc, in electronic instruments.

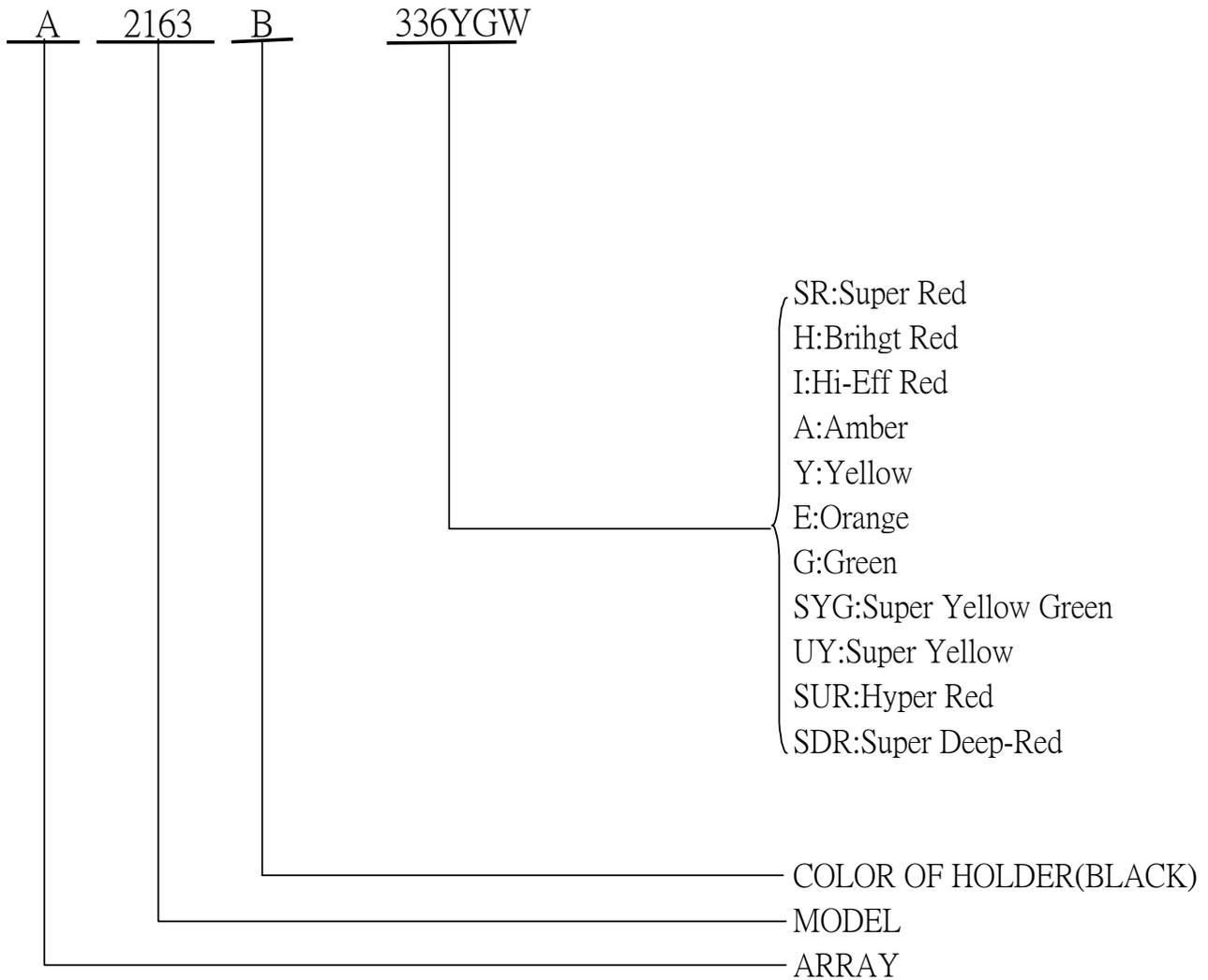


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■ LED LAMP ARRAYS SELECTION GUIDE:





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■ Absolute Maximum Ratings at Ta = 25°C

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

■ Electronic Optical Characteristics :

Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
Luminous Intensity	Iv	Y	1.6	4.5	/	mcd If= 10 mA
		G	1.6	4.5	/	
Viewing Angle	2θ 1/2	/	55	/	deg	If= 20 mA
Peak Wavelength	λp	Y	/	585	/	nm If= 20 mA
		G	/	565	/	
Dominant Wavelength	λd	Y	/	590	/	nm If= 20 mA
		G	/	570	/	
Spectrum Radiation Bandwidth	Δλ	Y	/	35	/	nm If= 20 mA
		G	/	30	/	
Forward Voltage	Vf	Y	1.7	2.0	2.4	V If= 20 mA
		G	1.7	2.1	2.4	
Reverse Current	Ir	/	/	10	μ A	Vr= 5 V



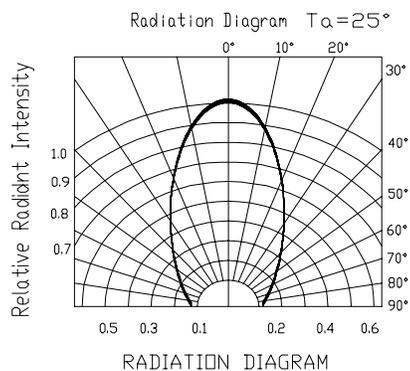
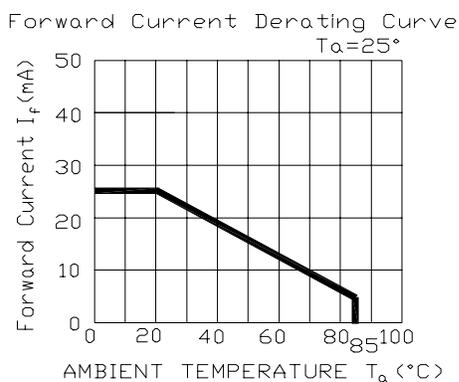
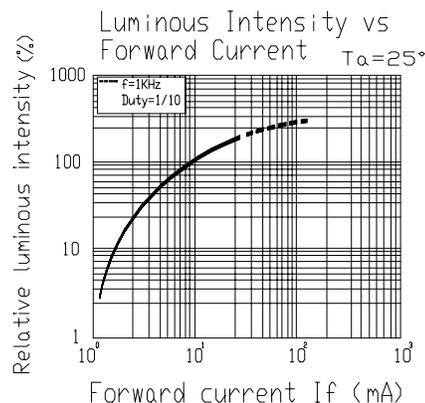
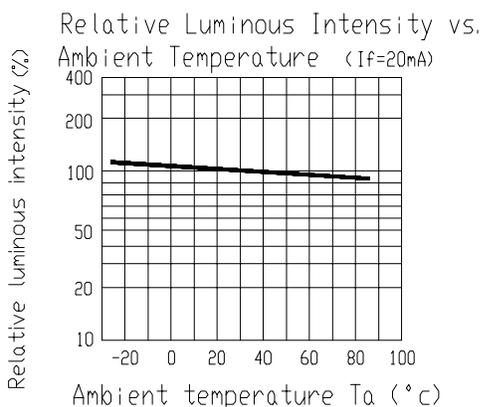
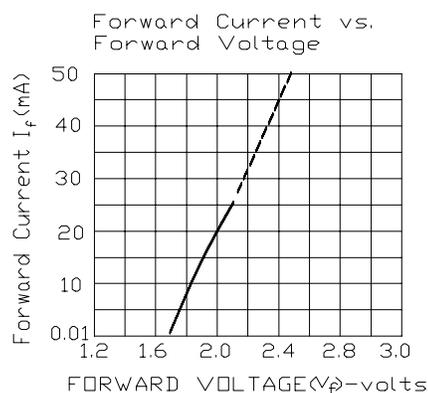
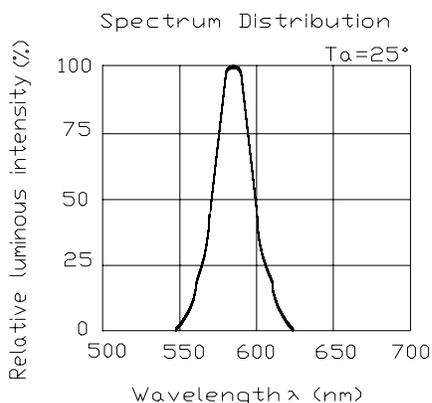
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■ Typical Electro-Optical Characteristic Curves:

Y





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■ Typical Electro-Optical Characteristic Curves:

G

