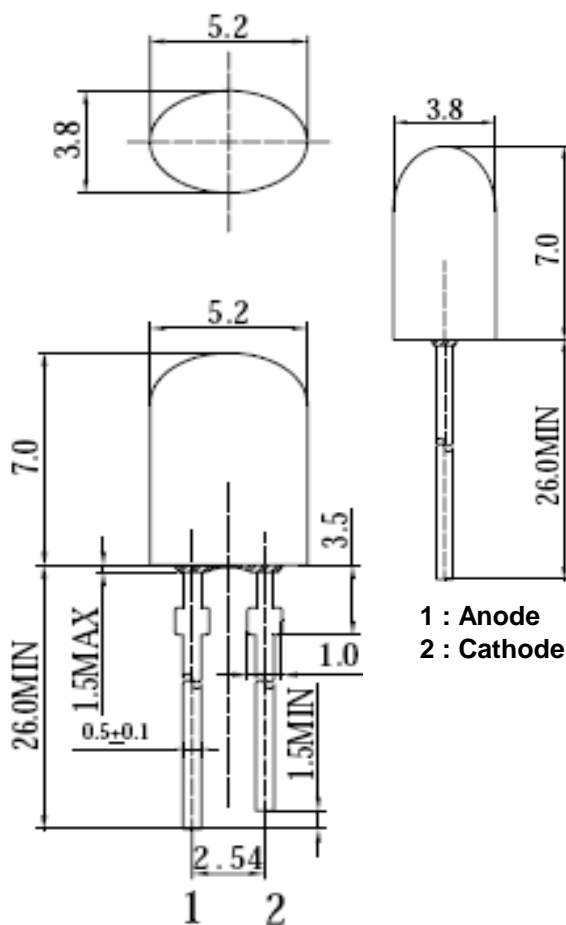




Applications

- Electronic Signs and Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting

Technical Drawing



Notes :

All dimensions in mm tolerance is ± 0.1 mm unless otherwise noted.

Oval LED Blue	
Part No.:	M13G6001
Customer:	

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Absolute Maximum Ratings

Item	Symbol	---	Unit
Power Dissipation	P_D	108	mW
DC Forward Current	I_F	30	mA
Plused Forward Current	I_{FP}^*	100	mA
Reverse Voltage	V_R	5	V
Operating Temperature	T_{OP}	-30 to 85	°C
Storage Temperature	T_{ST}	-40 to 100	°C

* 0.1 msec pulse, 10% duty cycle

Electrcal / Optical Characteristics

Ermitting Color	Blue		
Material	---		
Forward Voltage	typ.	3.1	V_F
	max.	3.6	V_F
Wavelength typ.	λ_D	465 ~ 475	nm
	λ_P	---	nm
	$\Delta\lambda$	---	nm
Color Temperature	min.	---	K
	max.	---	K
Luminous Intensity *	min.	330	mcd
	typ.	450	mcd
Reverse Current	max.	---	μA
Viewing Angle	2 Θ 1/2	110° / 40°	

* Per NIST standards

**Oval LED
Blue**

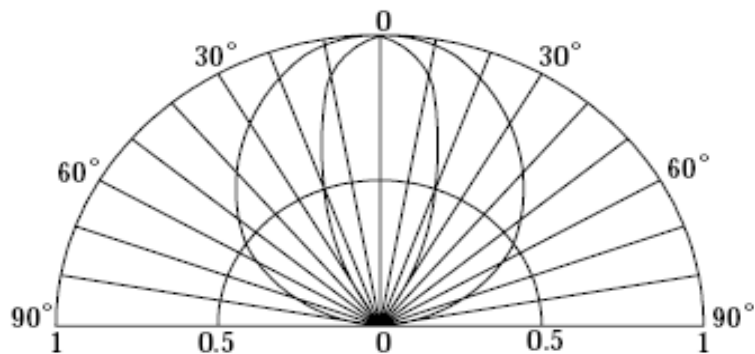
Part No.: **M13G6001**

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Directive Characteristics



Oval LED
Blue

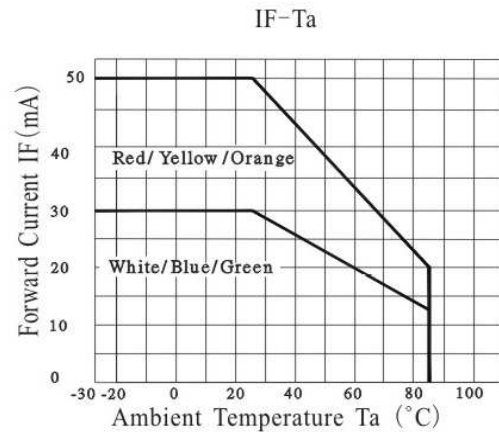
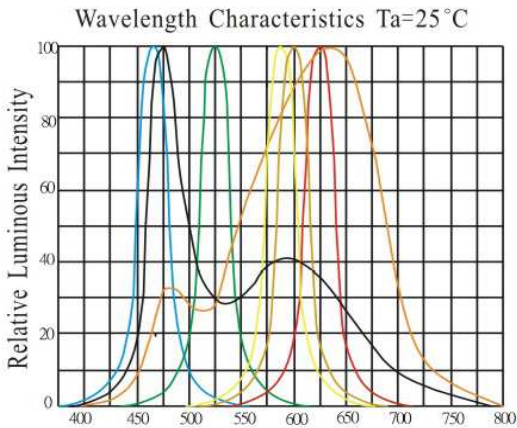
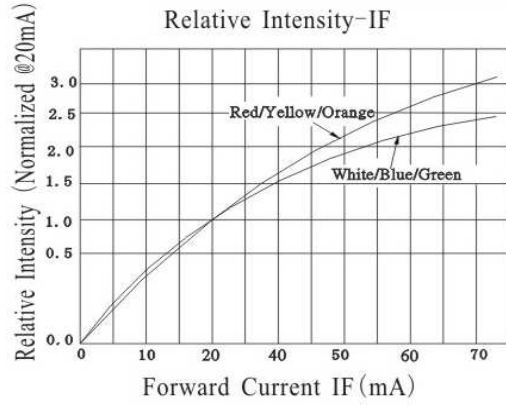
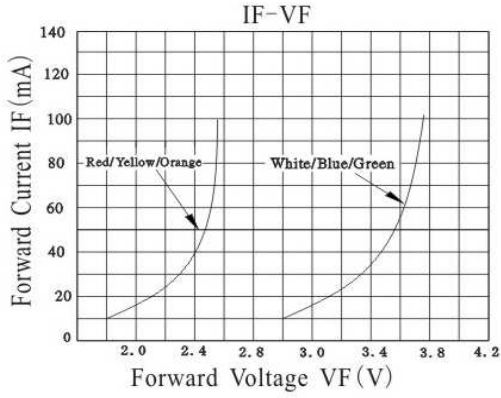
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Typical Characteristics



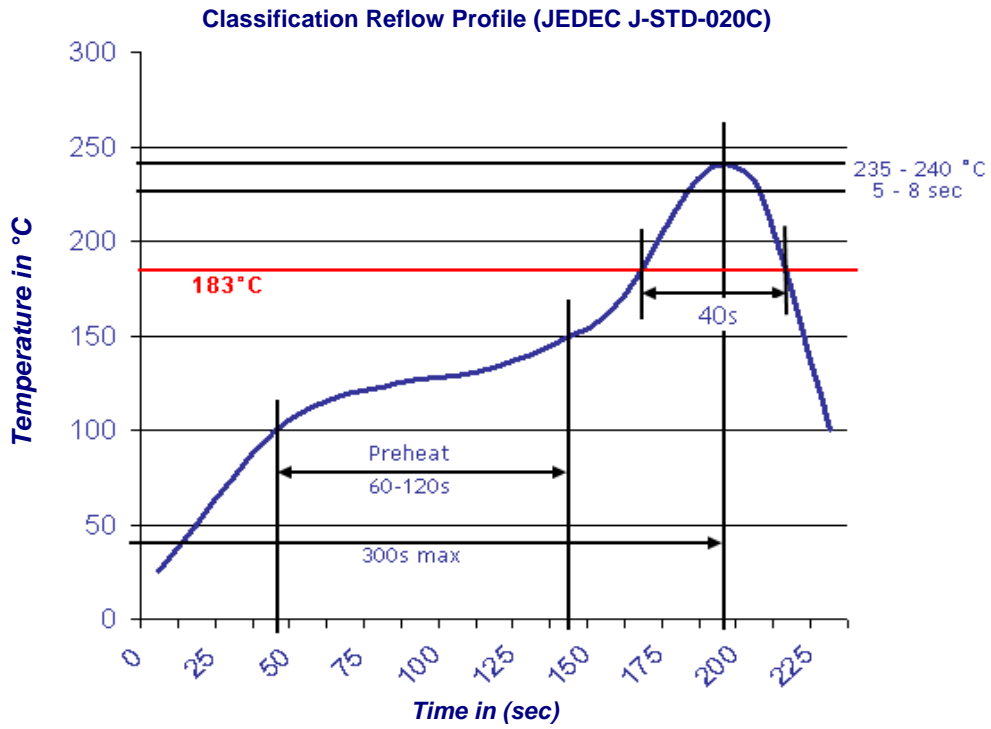
Oval LED Blue	
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Solder Condition

Lead Free Solder

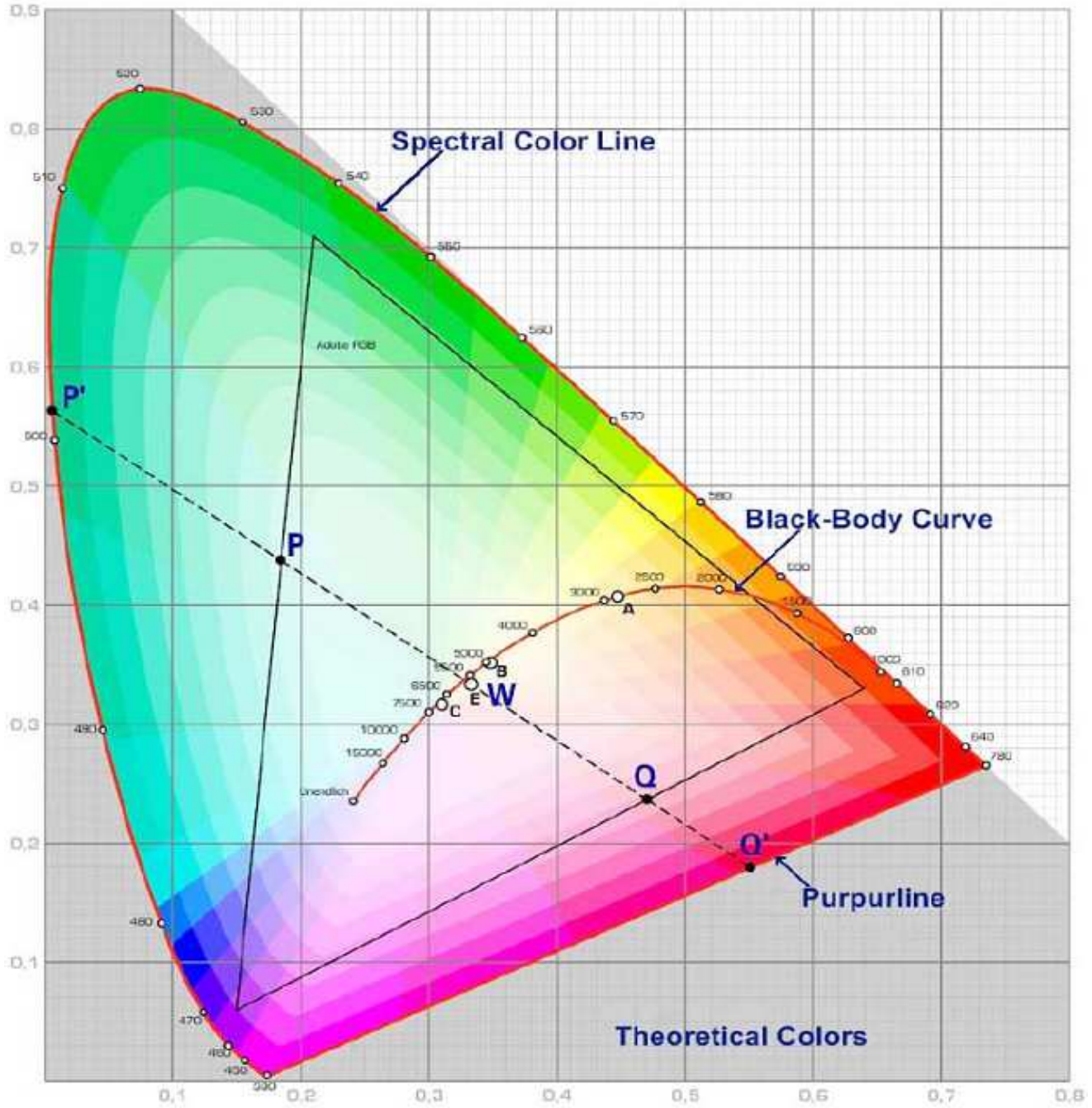


Oval LED Blue	
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Color table curve



Oval LED Blue	
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