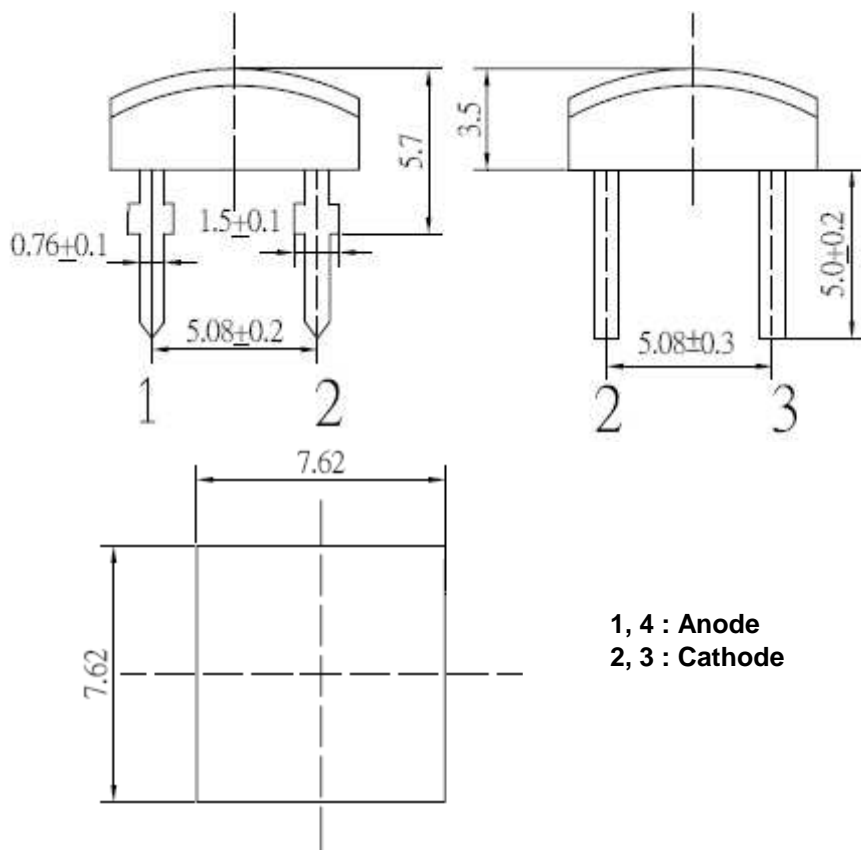




Applications

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

Technical Drawing



1, 4 : Anode
 2, 3 : Cathode

Notes :

All dimensions in mm tolerance is $\pm 0.1\text{mm}$ unless otherwise noted.

Super Flux Orange	
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Customer:	

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**Absolute Maximum Ratings**

Ta=25°C

<i>Item</i>	<i>Symbol</i>	<i>---</i>	<i>Unit</i>
Power Dissipation	P _D	130	mW
DC Forward Current	I _F	50	mA
Pulsed Forward Current	I _{FP} *	120	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

Electrical / Optical CharacteristicsI_F=20mA Ta=25°C

Emitting Color	Orange		
Material	---		
Forward Voltage	typ.	2.1	V _F
	max.	2.6	V _F
Wavelength typ.	λ _D	600	nm
	λ _P	605	nm
	Δλ	---	nm
Color Temperature	min.	---	K
	max.	---	K
Luminous Intensity *	min.	750	mcd
	typ.	1200	mcd
Reverse Current	max.	10	μA
Viewing Angle	2Θ1/2	140	

* Per NIST standards

**Super Flux
Orange**Part No.: **M13J9001**

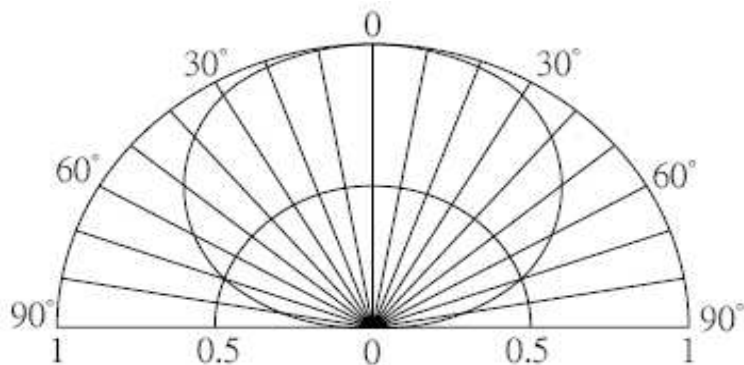
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Directive Characteristics



**Super Flux
Orange**

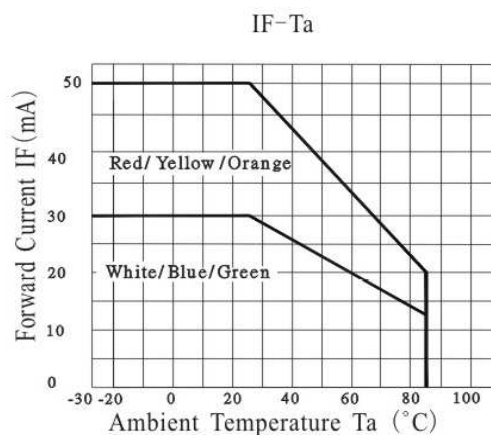
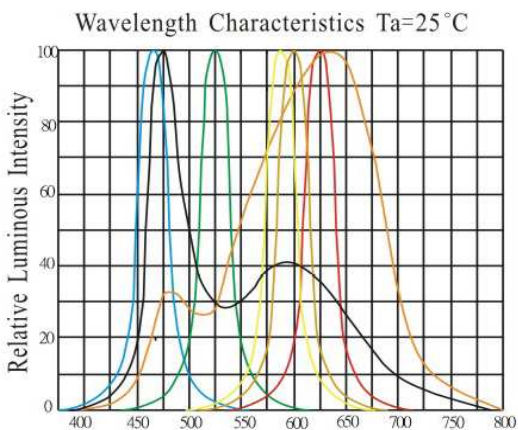
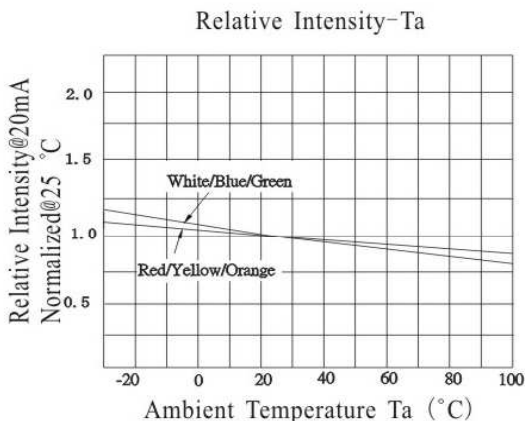
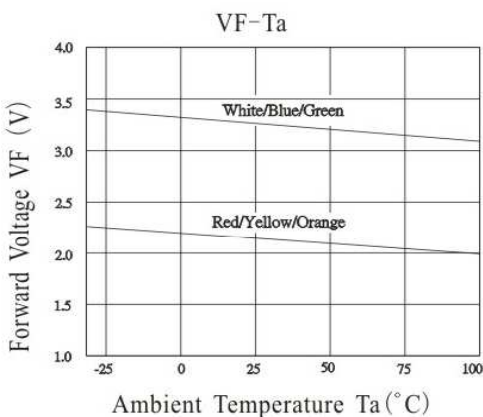
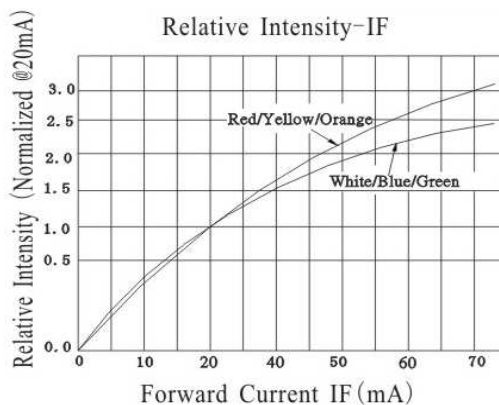
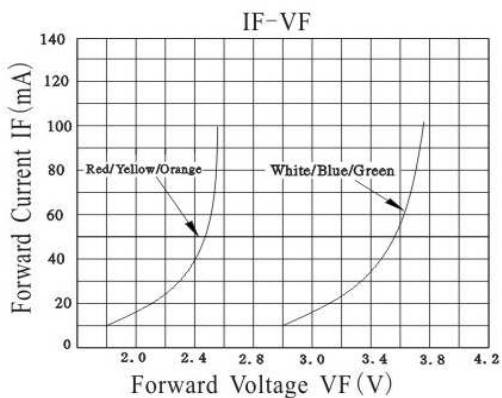
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Typical Characteristics



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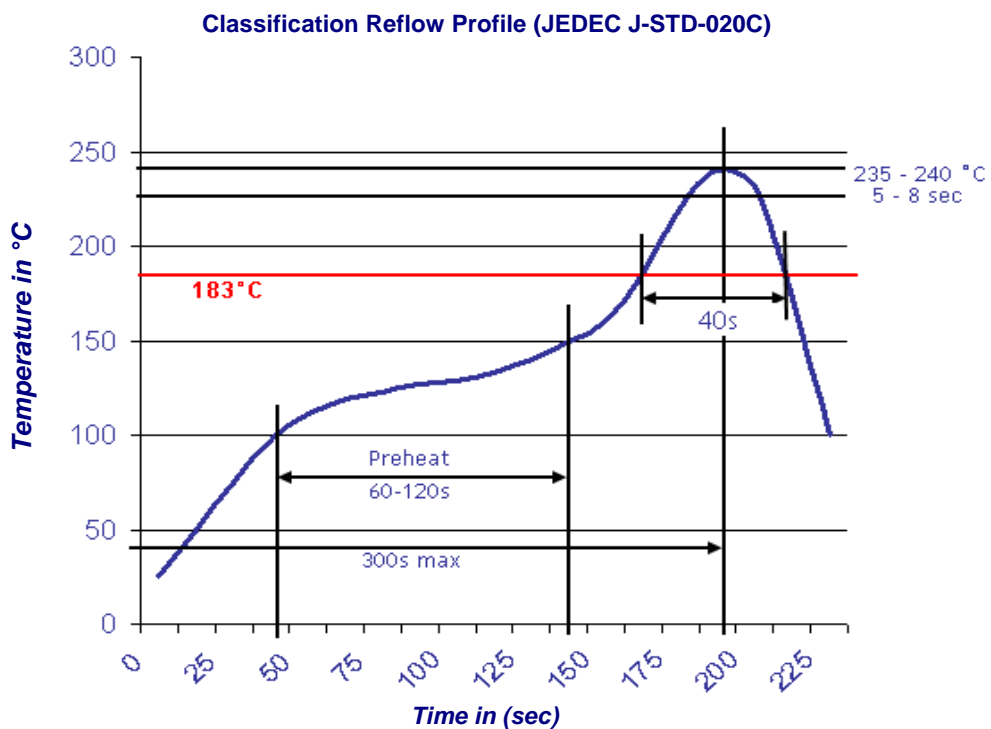
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Solder Condition

Lead Free Solder

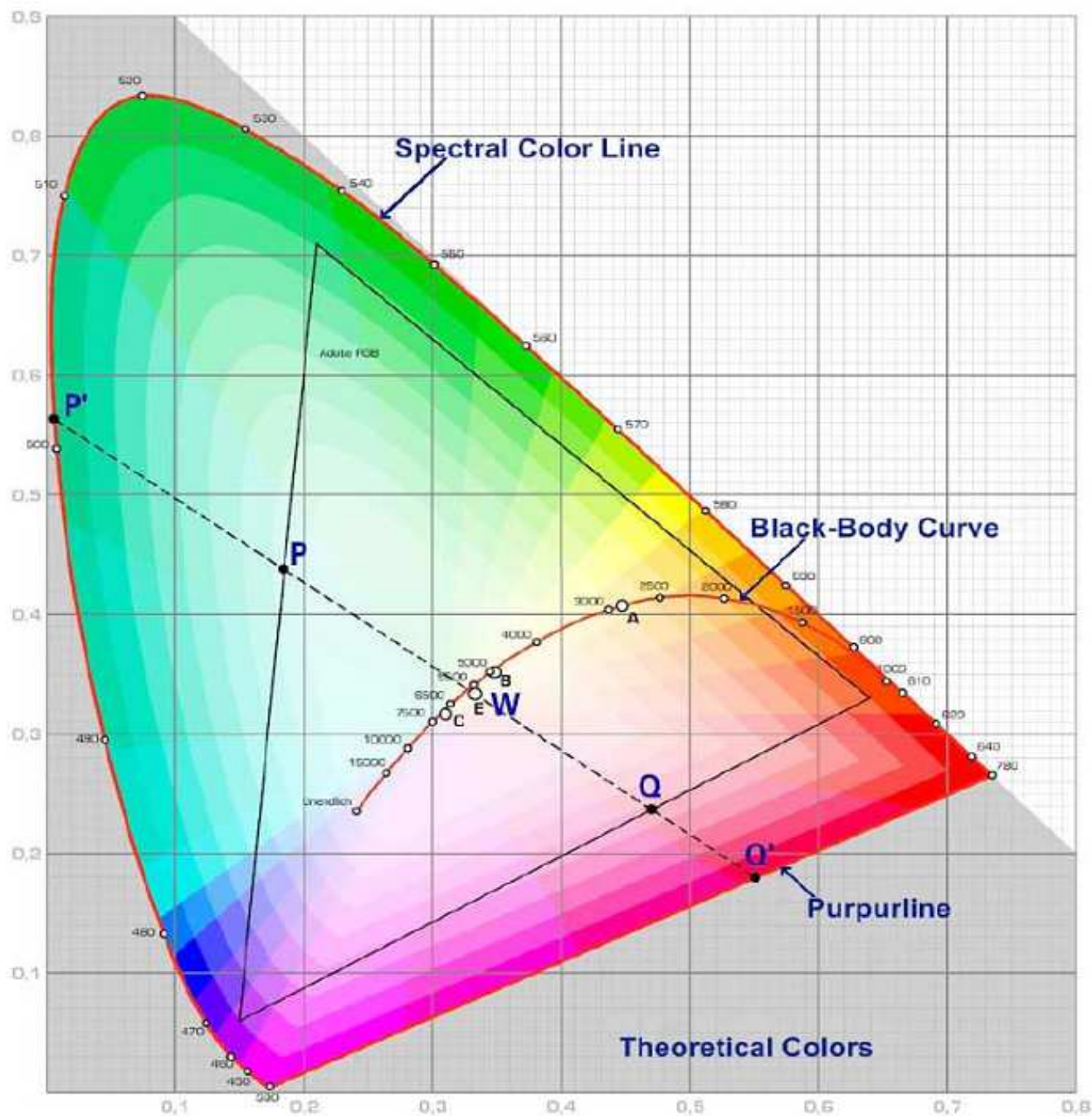


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Color table curve



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