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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



**Inolux 5mm Oval Lamp
HTOV511040XX Series**

Official Product	HTOV511040XX Series	Customer Part No.		Data Sheet No.
	*****	*****		HTOV511040XX Series
Specifications are subject to change without notice. Data and drawings herein are copyrighted.		June 27, 2013	Version of 1.0	Page 1/10

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2. A critical component in any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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Orderable Information

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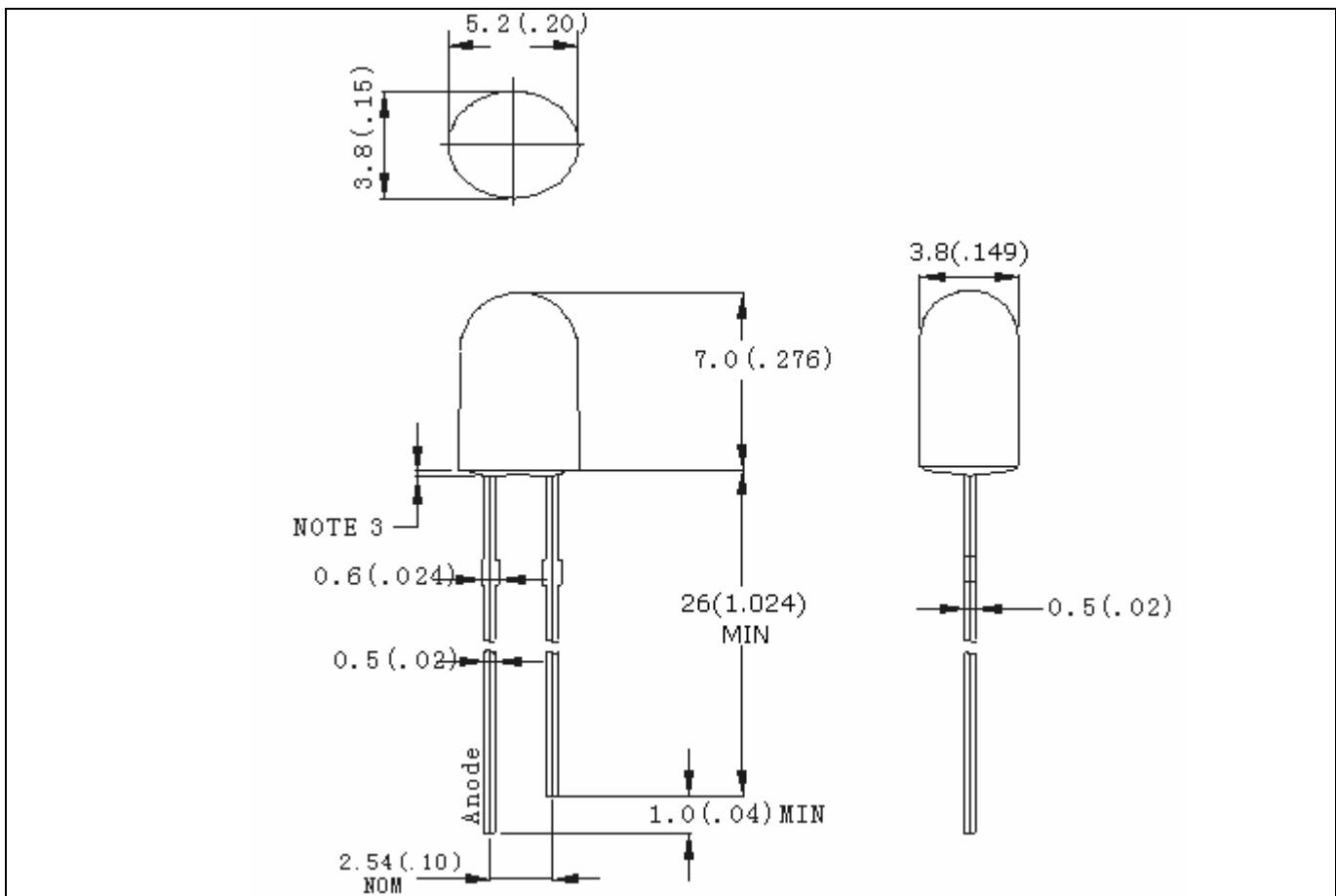


Series Name	Lamp Type	Viewing Angle	Color Code	Customer Code
HTOV= Inolux Oval Lamp	5= 5mm	11040= 110°/40°	UR = 624nm AlInGaP Red UTG = 525nm InGaN True Green UY = 590nm AlInGaP Yellow UB = 470nm InGaN Blue	YYYY = Customer code

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Features:

- Stable Color
- Popular 5mm 110/40 Oval Lamp
- Color Diffused Lens
- InGaN and AlInGaP technology
- Solid state reliability
- Special packaging available upon request



-All Dimensions are in millimeters

-Tolerance = +/- 0.25mm

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Absolute Maximum Ratings at Ta=25C

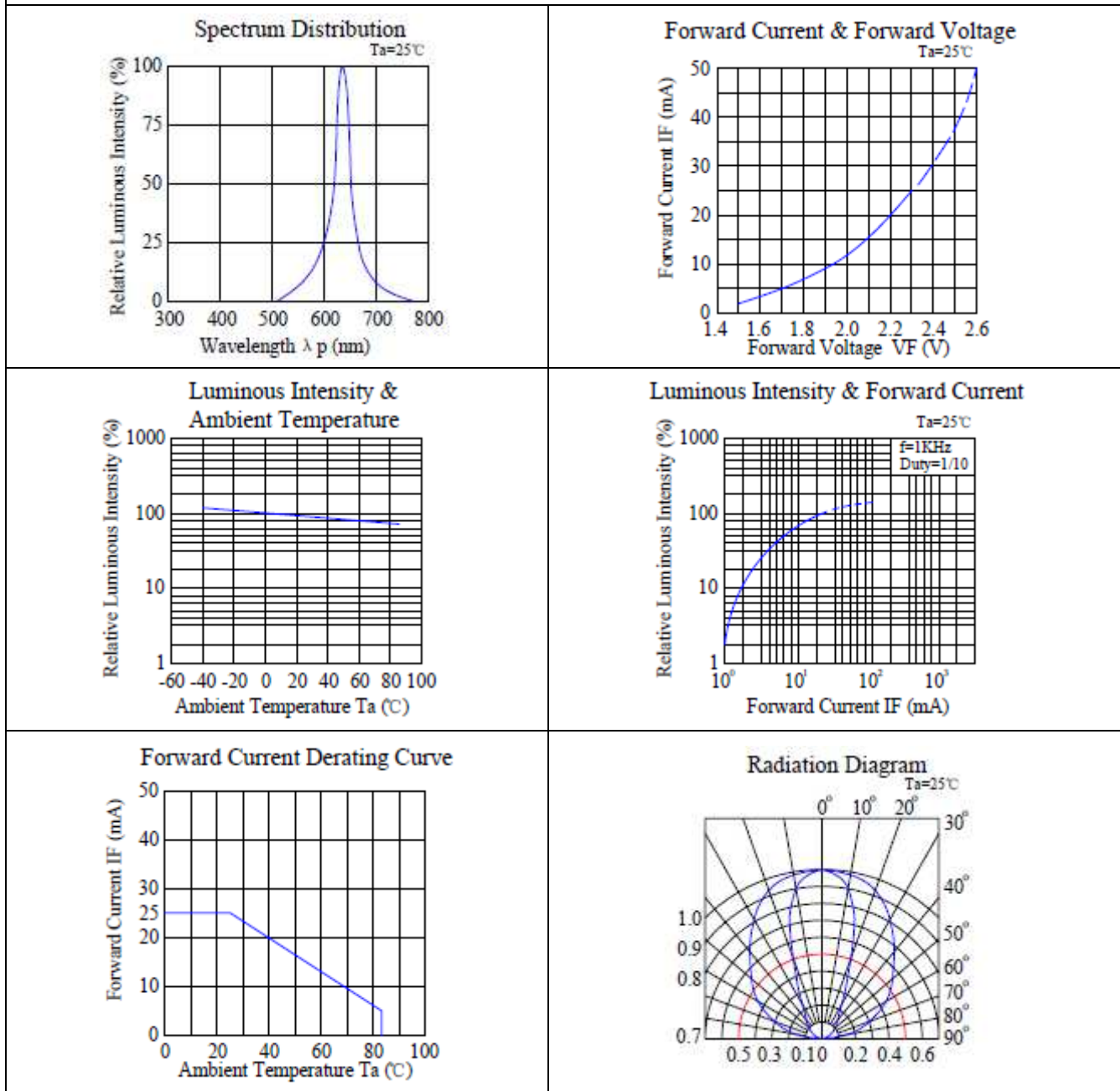
Parameter	Symbol	AllInGaP Material	InGaN Material	Unit
Power Dissipation	P _d	62	100	mW
Reverse Voltage	V _r	5	5	V
Forward Current	I _F	25	25	mA
Reverse Current	I _r	10	10	μA
Peak Current (1/10 Duty Cycle, 0.1ms pulse width)	I _F (Peak)	100	100	mA
Operating Temperature Range	T _{opr}	-40 to +85		° C
Storage Temperature Range	T _{stg}	-40 to +100		° C
Lead Soldering Temp	T _{sol}	260		° C

Electrical and Optical Characteristic (@ 25 degree C)

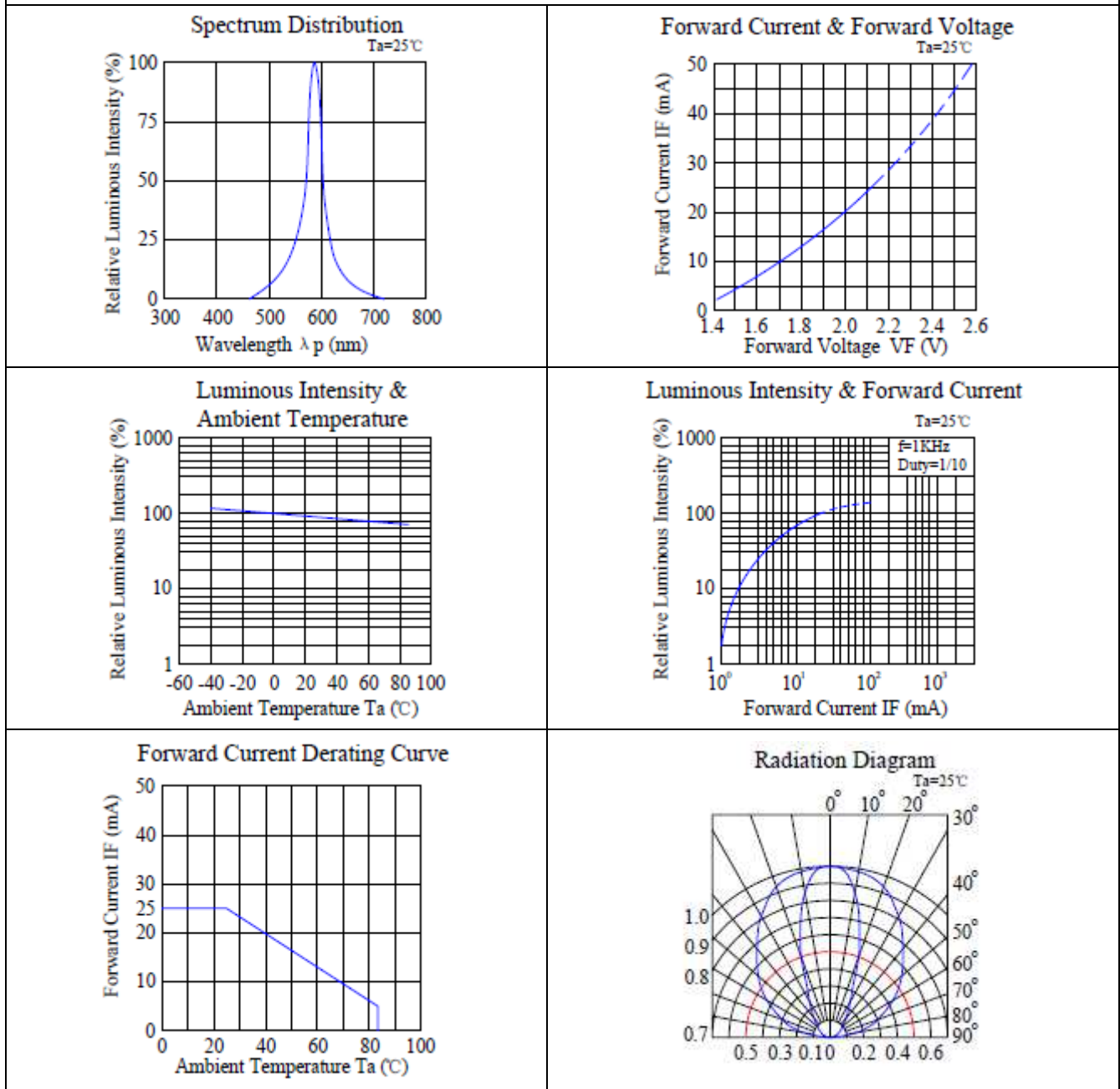
Parameter	UR	UTG	UY	UB	Test Condition
Luminous Intensity:					
Min (mcd)	620	890	620	300	If=20mA
Typ (mcd)	700	1800	850	520	If=20mA
Forward voltage (V _f)					
Typ	2.2	3.2	2.2	3.2	If=20mA
Max	2.6	4.0	2.6	4.0	If=20mA
Dominant Wavelength (nm)	624	525	590	468	If=20mA
Viewing angle	110/40	110/40	110/40	110/40	If=20mA

- Brightness tolerance = +/- 10%

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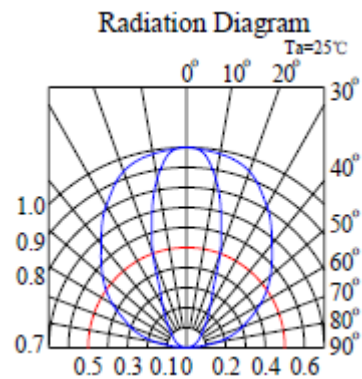
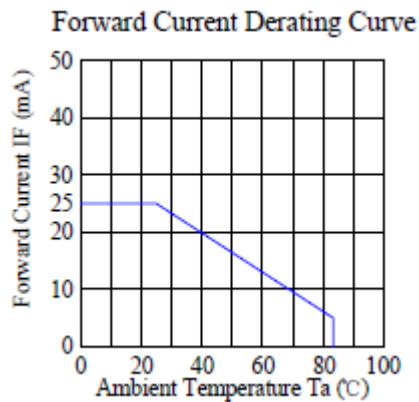
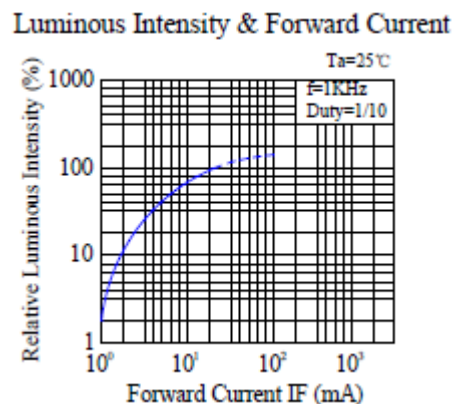
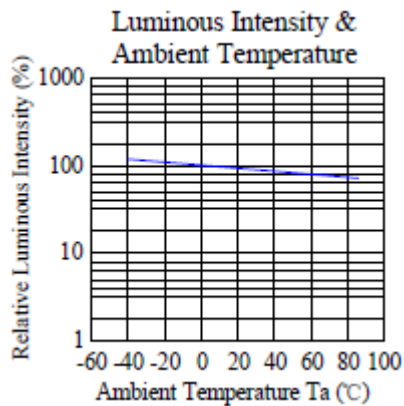
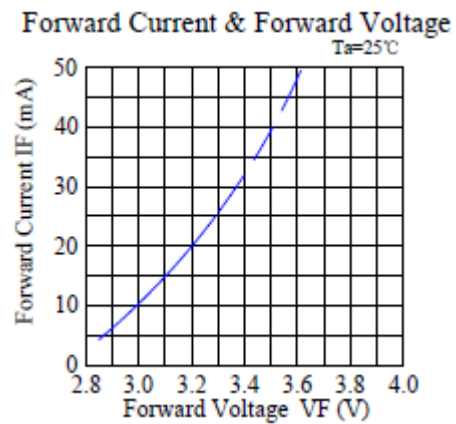
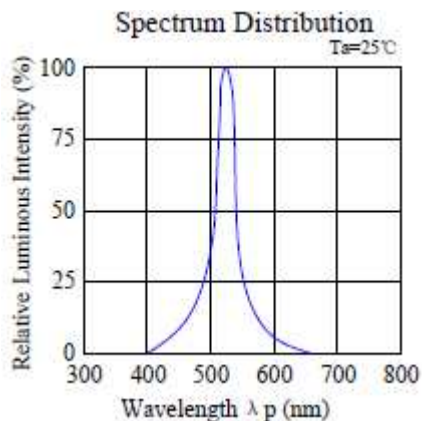
Characteristic Curves for Red (R)


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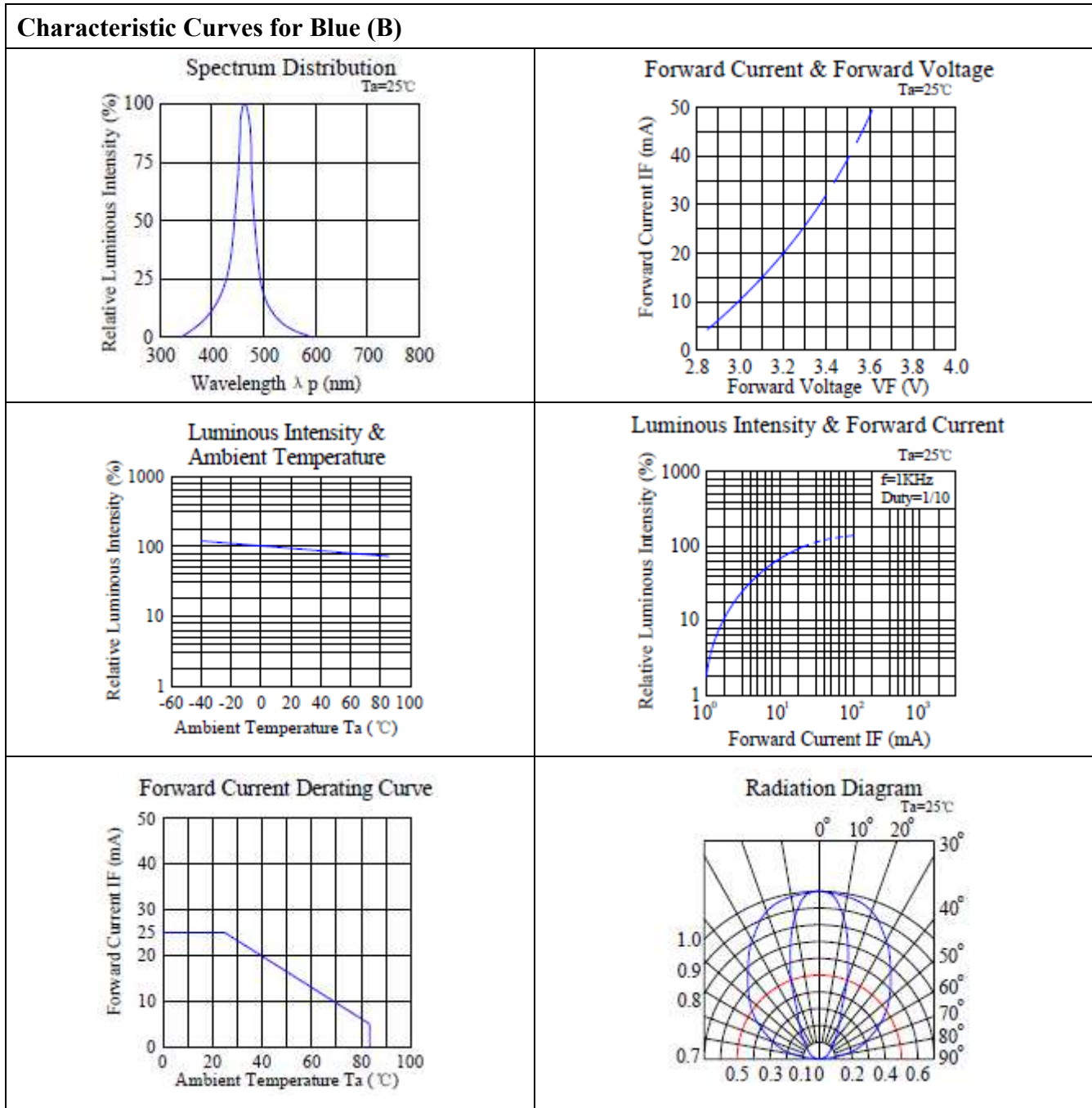
Characteristic Curves for Yellow (Y)


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Characteristic Curves for Green (TG)


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Characteristic Curves for Blue (B)


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Revision History

Changes since last revision	Page	Version No.	Revision Date
Initial release for 5mm Oval Lamp		1.0	06-27-2013

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