

Inolux 3mm Bi-Color Lamp with Dual Level Housing
HHD3XX60D Series

Official Product	HHD3XX60D Series	Customer Part No.		Data Sheet No.
	*****	*****		HHD3XX60D Series
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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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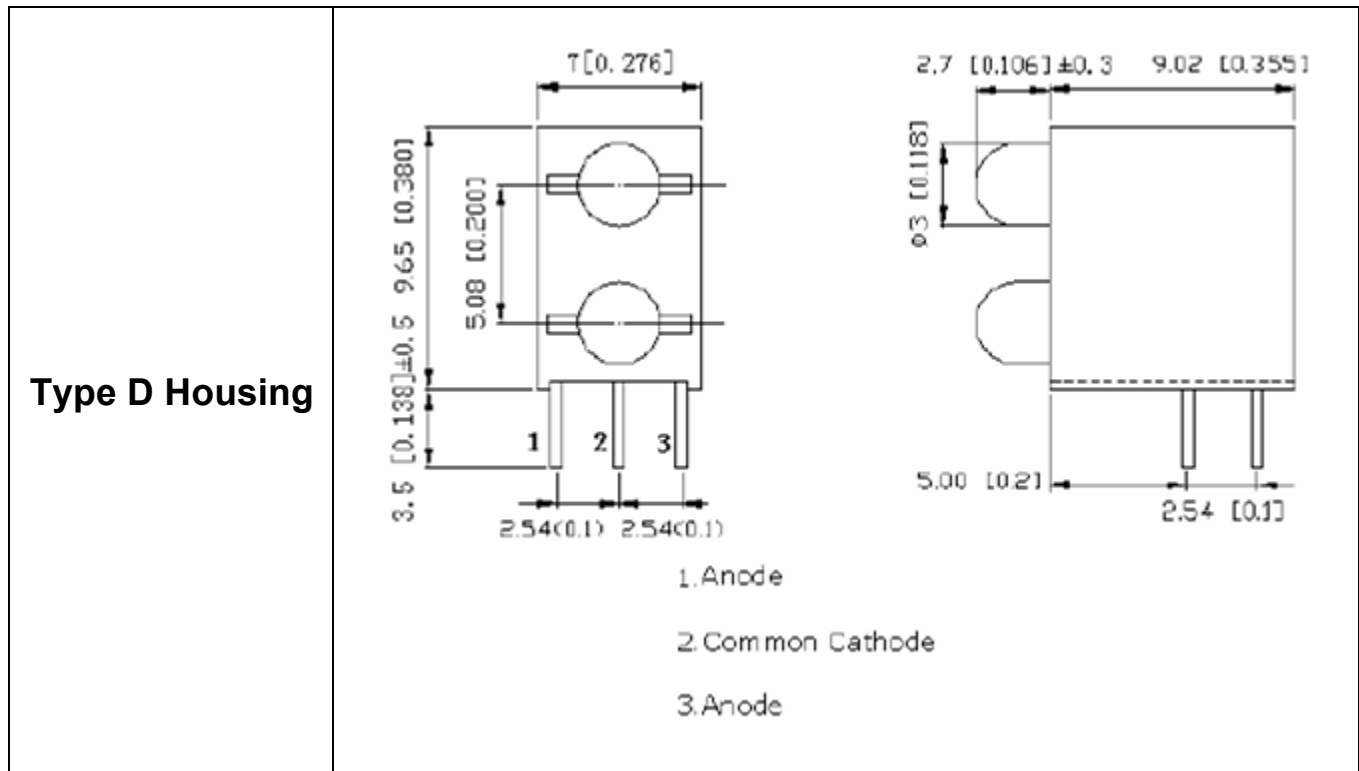


Series Name	Color Code	VA	Housing Type	Customer Code
HHD= Inolux Through Hole with Dual Level Housing	3RYG = 565nm GaP Yellow Green/630nm GaAsP Red 3RY = 630nm GaAsP Red /590nm GaP Yellow 3YGY = 565nm GaP Yellow Green/590nm GaP Yellow	60 = 60°	D= Type D Housing *See Page 4 for Detail Drawing	YYYY = Customer code

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Features:

- Low Power Consumption
- 3mm Lamp
- White Diffused lens
- Special packaging available upon request
- Easy to assembly



-All Dimensions are in millimeters

-Tolerance = +/- 0.25mm

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Absolute Maximum Ratings at Ta=25C

Parameter	Symbol	GaP/GaAsP Material	Unit
Power Dissipation	P _d	78	mW
Reverse Voltage	V _r	5	V
Forward Current	I _F	30	mA
Reverse Current	I _r	10	μA
Peak Current (1/10 Duty Cycle, 0.1ms pulse width)	I _F (Peak)	100	mA
Operating Temperature Range	T _{opr}	-40 to +80	° C
Storage Temperature Range	T _{stg}	-40 to +85	° C
Lead Soldering Temp	T _{sol}	260	° C

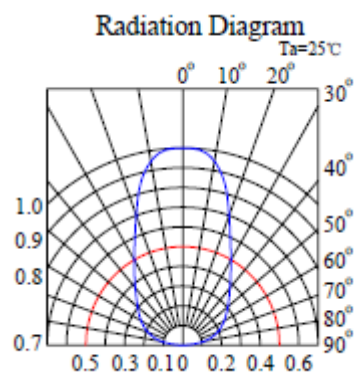
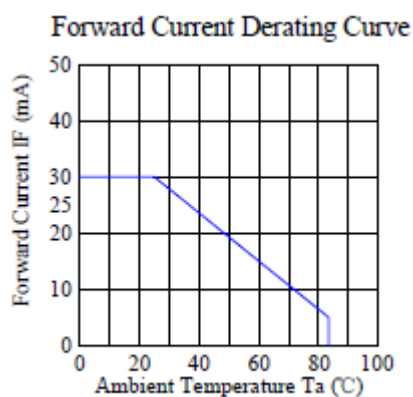
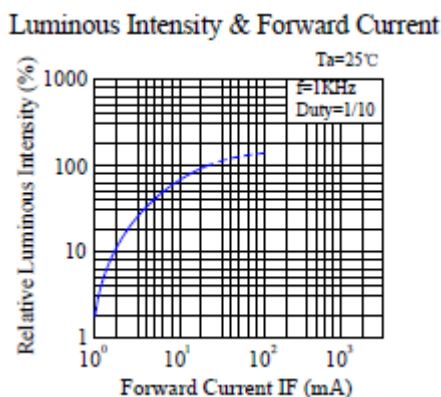
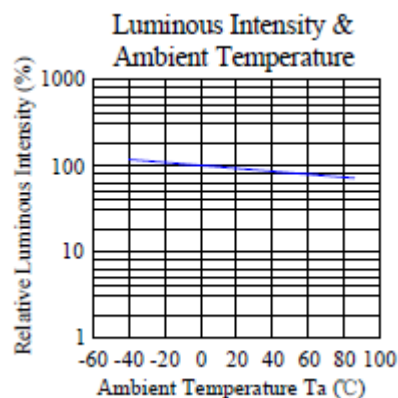
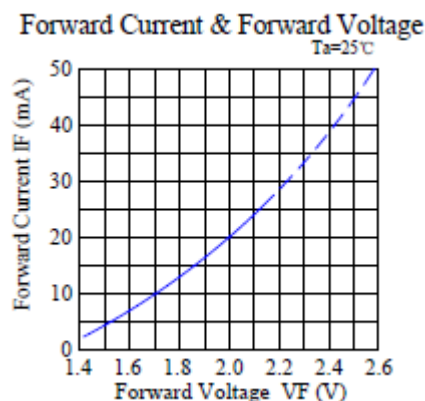
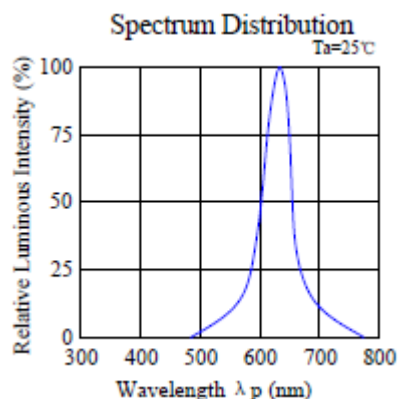
Electrical and Optical Characteristic (@ 25 degree C)

Parameter	Red	Yellow Green	Yellow	Test Condition
Luminous Intensity:				
Min (mcd)	35	35	35	If=20mA
Typ (mcd)	60	60	60	If=20mA
Forward voltage (Vf)				
Typ	2.0	2.2	2.2	If=20mA
Max	2.6	2.6	2.6	If=20mA
Dominant Wavelength (nm)	630	570	590	If=20mA
Viewing angle	60	60	60	If=20mA

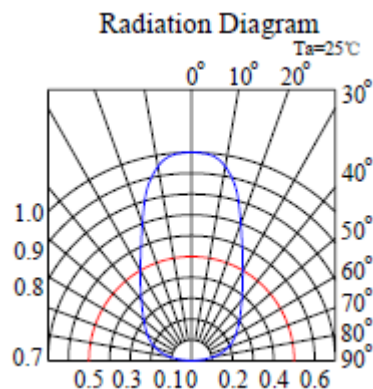
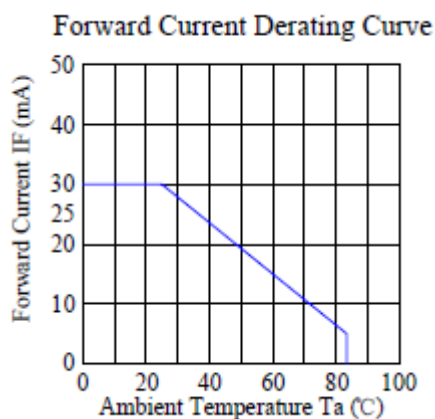
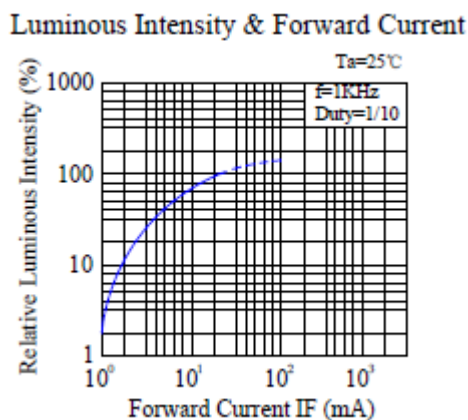
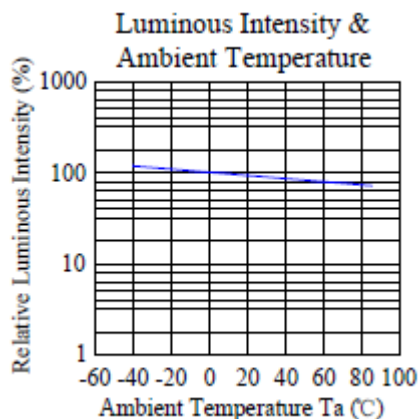
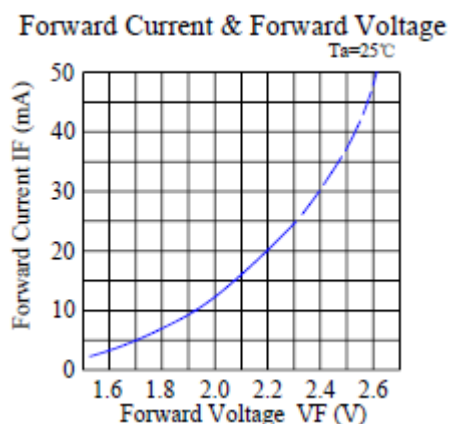
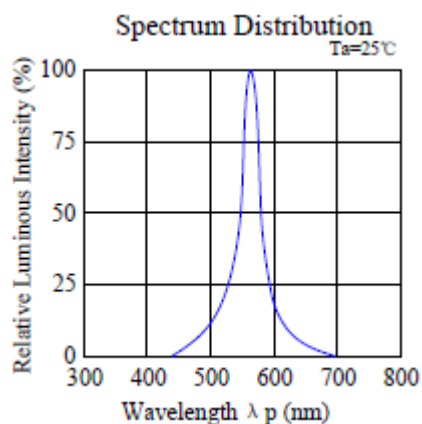
- Brightness tolerance = +/- 10%

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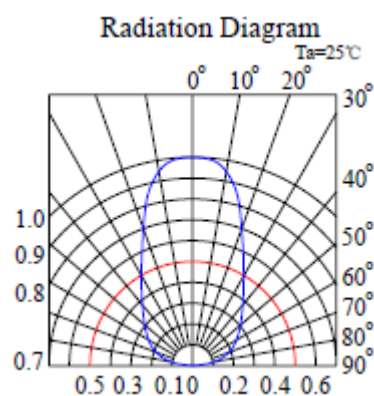
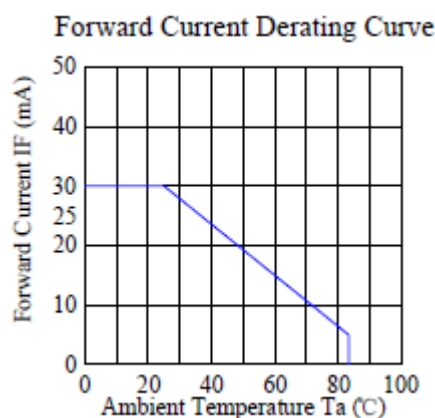
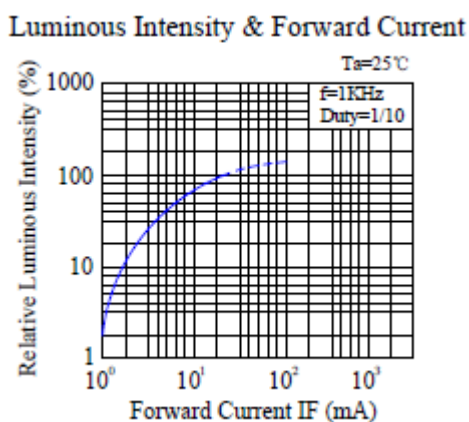
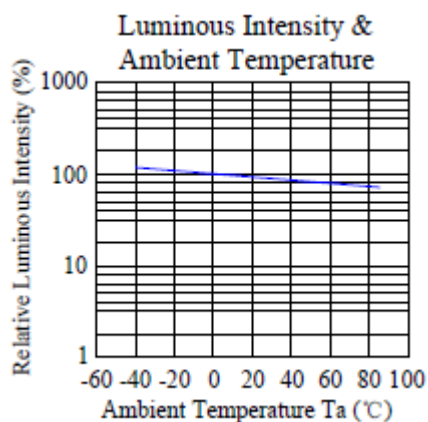
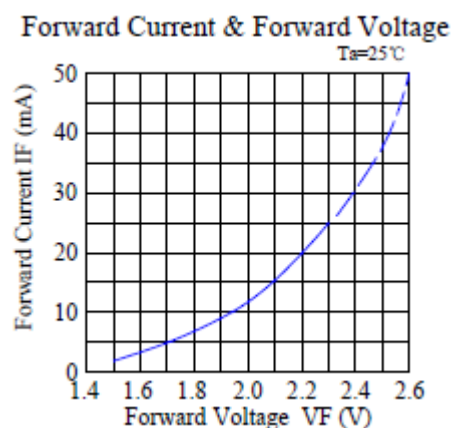
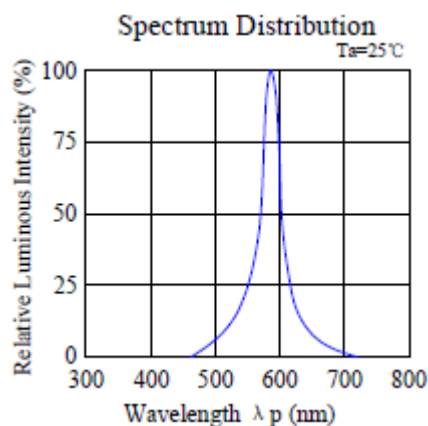
Characteristic Curves for Red (R)



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Characteristic Curves for Yellow Green (YG)


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Characteristic Curves for Yellow (Y)


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Revision History

Changes since last revision	Page	Version No.	Revision Date
Initial release for 3mmBi-Color Dual Level Housing		1.0	06-28-2013

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