

TYANSHINE

广州市添鑫光电有限公司
Guangzhou Tianxin Photoelectric Co.,Ltd

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400FC120-NUVENG-01

Spec No.

WKF-BE0401

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Absolute Maximum Ratings

Parameter	Symbol		Max Ratings	Unit
Forward Current	IF (Tc=25°C)	R	1.8	A
		G	1.8	
		B	2.4	
		W	2.4	
		R	1.5	
Reverse Voltage	IF (Tc=85°C)	G	1.5	V
		B	2.0	
		W	2.0	
		—	Not designed for reverse operation	
		VR		
Power Dissipation	PD (Tc=25°C)	R	86.4	W
		G	90	
		B	115.2	
		W	115.2	
		R	70.5	
Junction Temperature	Tj	G	69	°C
		B	88	
		W	88	
		R	115	
		B	150	
		W	150	

Notes:

- Specifications are subject to change without notice.
- The data on this specification is for reference only and the actual data is in accordance with the acknowledgment.
- Precautions for ESD:
STATIC SHIELD Electricity and surge damages the LED. It is recommended to use a wrist band or anti-electrostatic glove when handling the LED. All devices, equipment and machinery must be properly grounded.

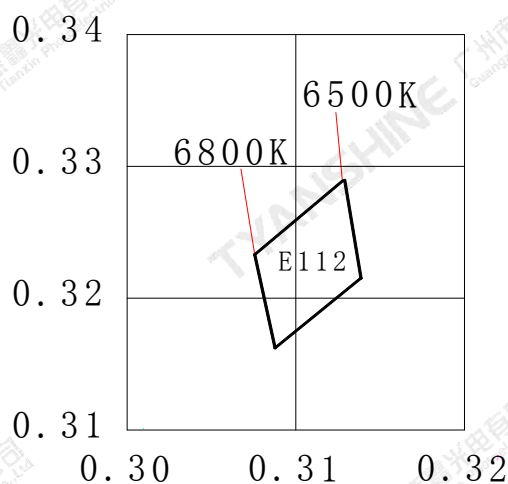
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			W	44.5	44	46	
Reverse Current	I_R	—	—	—	—	—	μA
Viewing Angle at 50% IV	$2\ 1/2$	—	—	—	120	—	Deg
Thermal Resistance Junction to Case	R_{J-C}	—	R	—	0.15	—	K/W
			G	—	0.18	—	
			B	—	0.15	—	
			W	—	0.15	—	
			Total thermal resistance	—	0.06	—	
Temperature Coefficient of Voltage	$V\Delta F/T$		R	—	-16.7	—	mV/°C
			G	—	-66.7	—	
			B	—	-66.7	—	
			W	—	-66.7	—	
Thermistor(NTC)	Rt25		—	—	10	—	K

Notes:

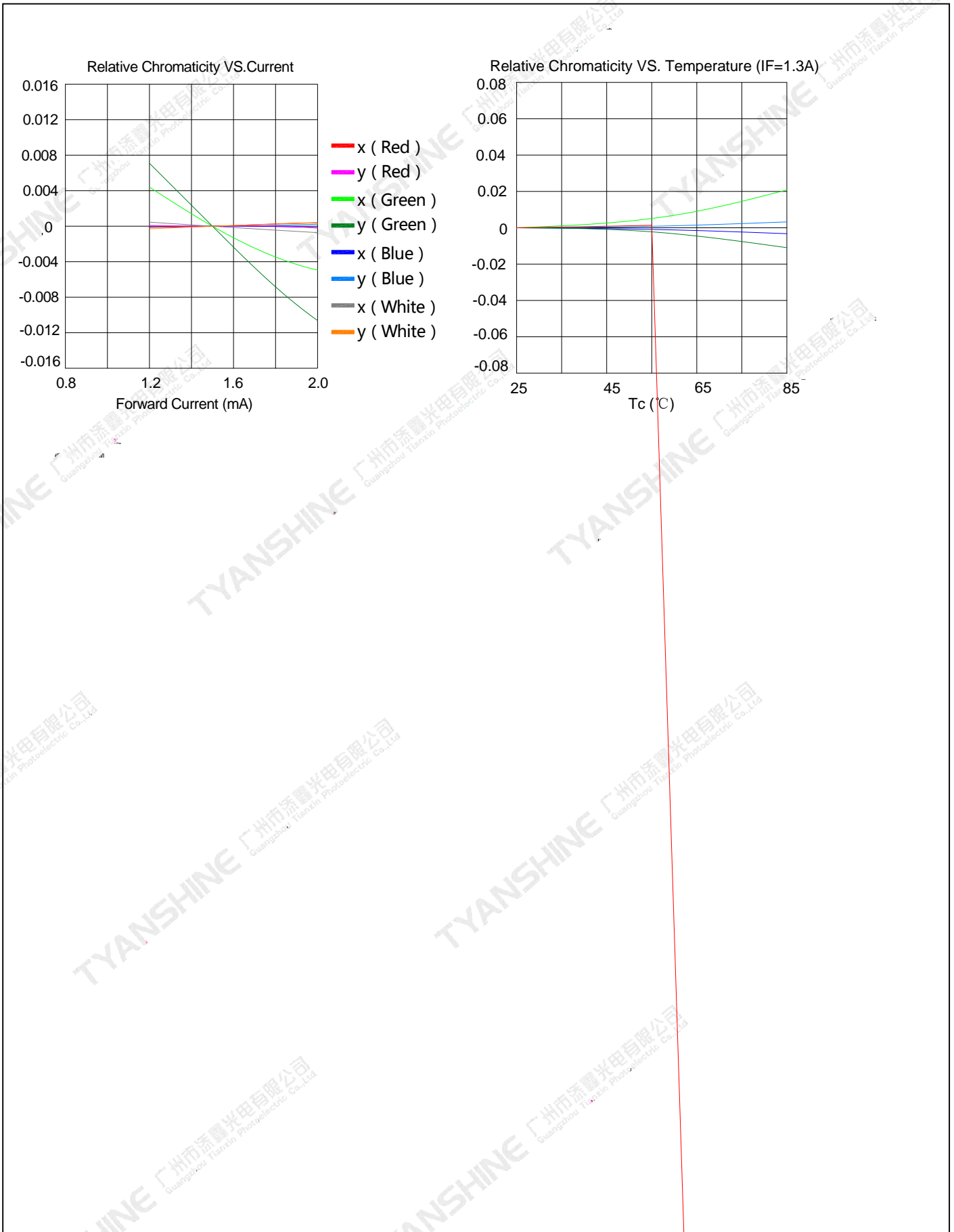
- 1.Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
2. $1/2$ is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
- 3.The dominant wavelength (λ_d) is derived from the CIE chromaticity diagram and represents the single wavelength which defines the color of the device.
- 4.Luminous flux measurement tolerance: $\pm 15\%$.
- 5.Forward voltage measurement tolerance: $\pm 0.15V$.

White light Color coordinate filing (Tc=25°C)



Grade	TC	P1		P2		P3		P4	
		X1	Y1	X2	Y2	X3	Y3	X4	Y4
E112	6500-6800K	0.3129	0.329	0.3139	0.3215	0.3088	0.3162	0.3076	0.3233

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Dimensions For Cannulation And Packaging

Quantity: 2PCS

TX4566A-2□

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