TX-H2560SW21A-2770V39-43H95

PRODUCT SPECIFICATION

Features:

◆Excellent transiting heat from LED chip operating under 2000mA.

◆Provide uniform cross distribution of positive white and warm white dual color scheme, mixed pure.

◆High luminous output.

◆No UV.

◆Encapsulated materials are environmentally certified and meet environmental requirements.

Chip Material:

◆GaInN

Emitting Color:

◆White

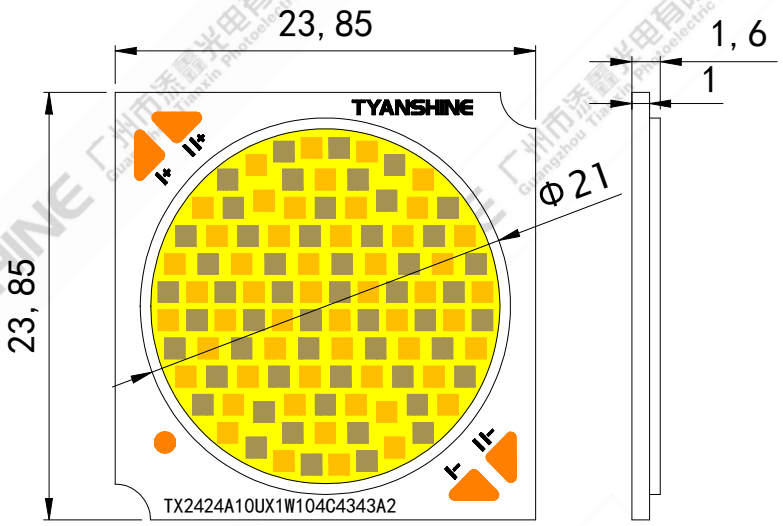
◆Warm white

Applications:

◆Commercial lighting

◆General Lighting

Package Dimensions:



I：Warm White (S)；II：White (W)

Notes:

1.All dimensions are in millimeters .

2.Tolerances unless otherwise mentioned are ±0.25mm .

Code Formats:

TX-H2560SW21A-2770V39-43H95

TX	—	H	25	60	SW	21	A	—	2770	V39	—	43	H95
TYANSHINE	—	High density	series	Watt type	performance	LES	texture	—	CCT	Vol Ts	—	BOM	Ra

Absolute Maximum Ratings

Parameter	Symbol		Ratings	Unit
Forward Current	IF(S/W)		2000	mA
Reverse Voltage	V_R		Not designed for reverse operation	V
Power Dissipation	P_D	S	76	W
		W	76	
		S+W	76	
Junction Temperature	Tj	S	150	℃
		W	150	
Case Temperature (C)	Tc		85	℃
Electrostatic Discharge Threshold (ESD)	ESD		2000	V
Storage Temperature	T_{stg}		-30~+80	℃
Operation Temperature	T_{opr}		-30~+85	

Notes:

1.Specifications are subject to change without notice.

2.The data on this specification is for reference only and the actual data is in accordance with the acknowledgment.

3.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.

Electrical Optical Characteristics (Tc=25°C)

Parameter	Symbol	Condition	Emitting color	Min.	Typ.	Max.	Units
Luminous Flux	φ_v	If=1800mA	S	5200	6000	7000	lm
			W	6600	7600	8600	
Forward Voltage	V_f		S	34	36	39	V
			W	34	36	39	
Correlated Colour Temperature	CCT		S	2700	—	2820	K
			W	6900	—	7400	
Viewing Angle at 50％IV	$2\theta_{1/2}$		S	—	115	—	Deg
			W	—	115	—	
Reverse Current	I_R	—	—	—	—	—	μA
Color Rendering Index	Ra	If=1800mA	混色 2700-6500K	95	—	—	—
TLCI	—		混色 2700-6500K	95	—	—	—

Notes:

1.Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.

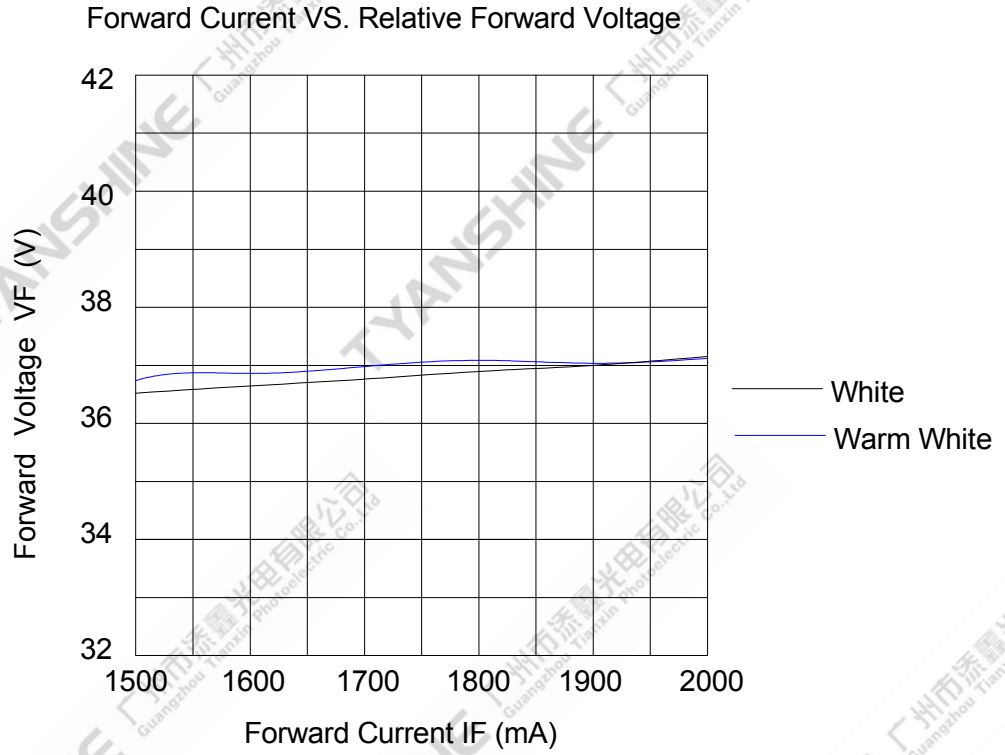
2.$\theta_{1/2}$ is the off-axis angle at which the luminous intensity is half the axial luminous intensity.

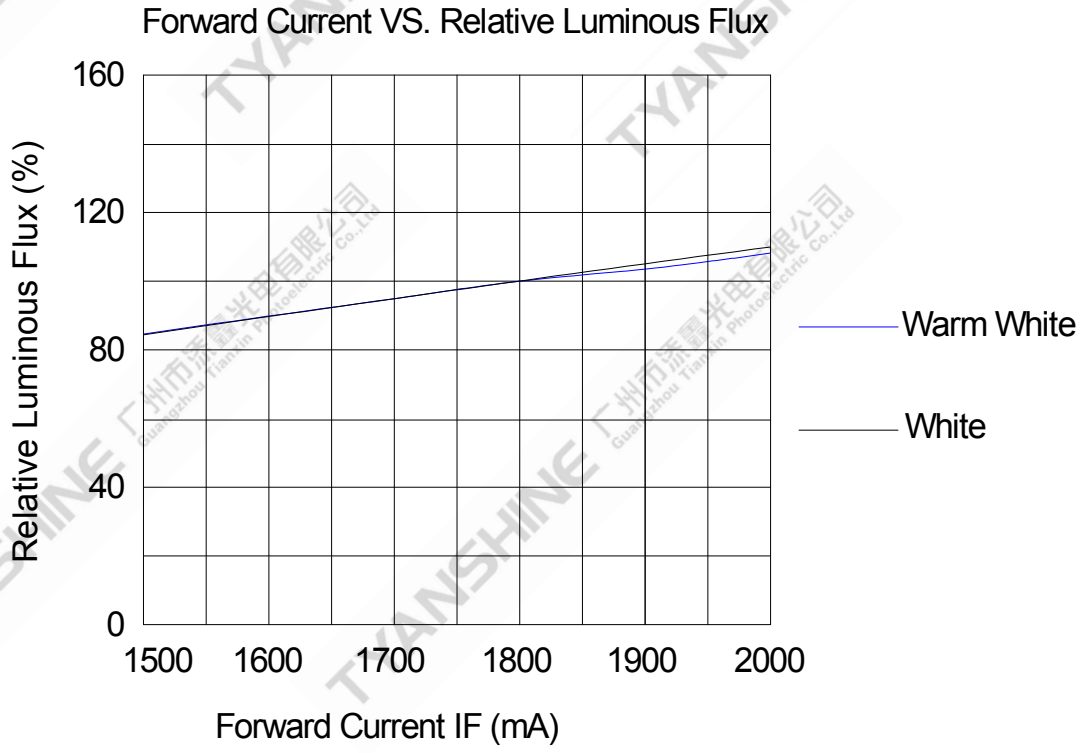
3.Luminous flux measurement tolerance:±15%.

4.Forward voltage measurement tolerance:±3%.

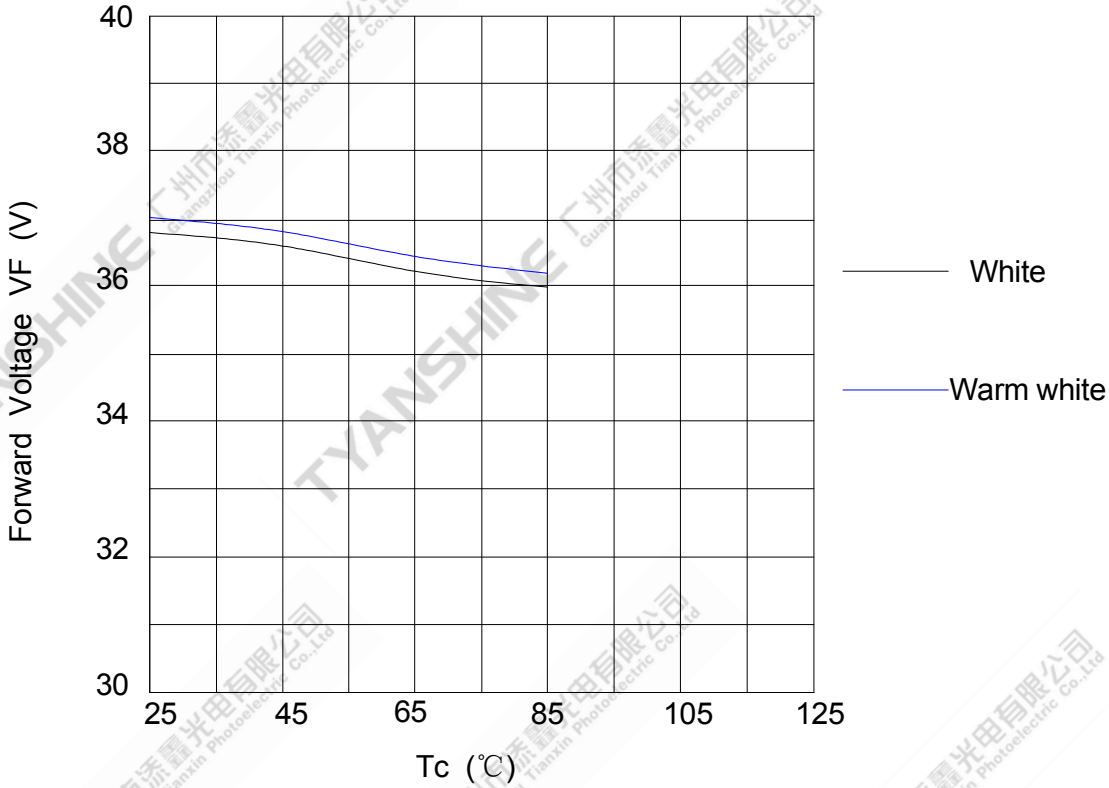
Typical Electrical/Optical Characteristics Curves

(25℃ Ambient Temperature Unless Otherwise Noted)

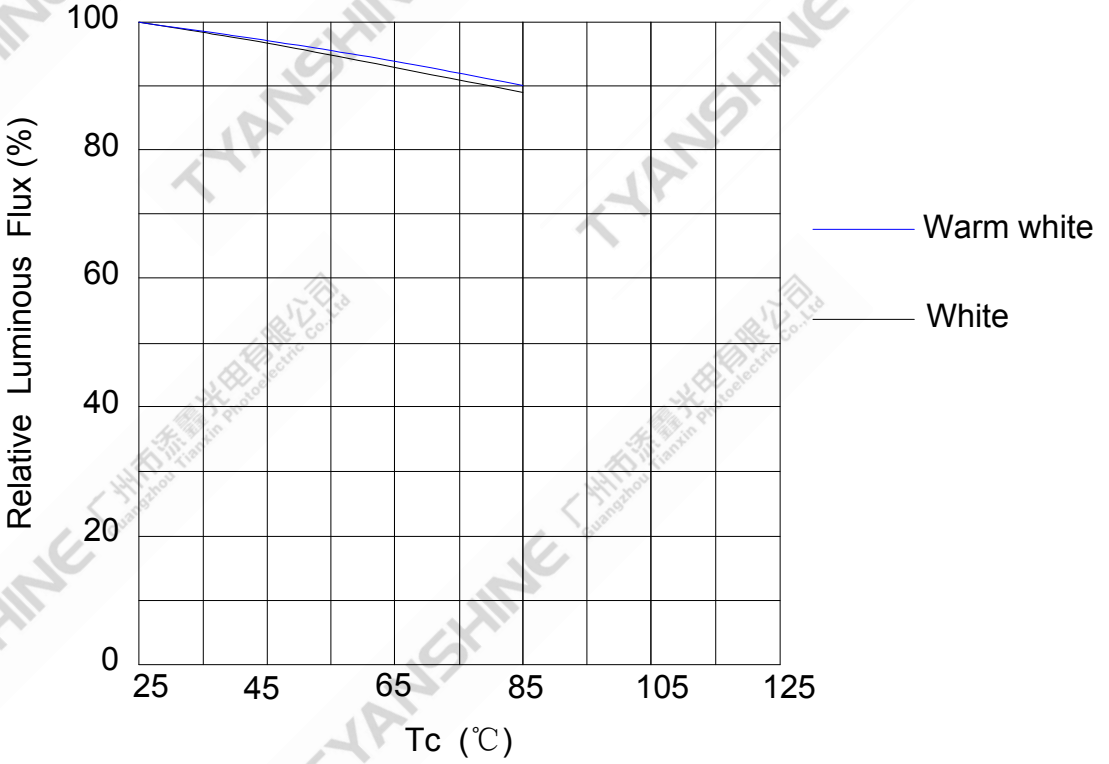


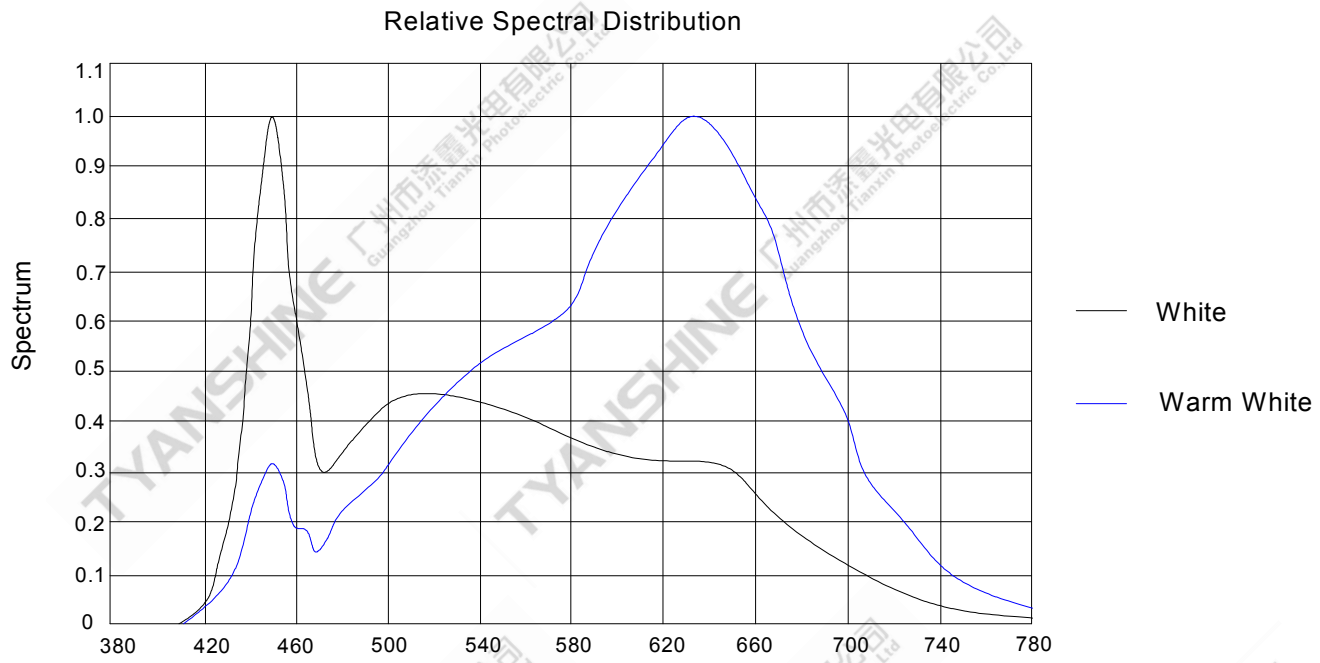


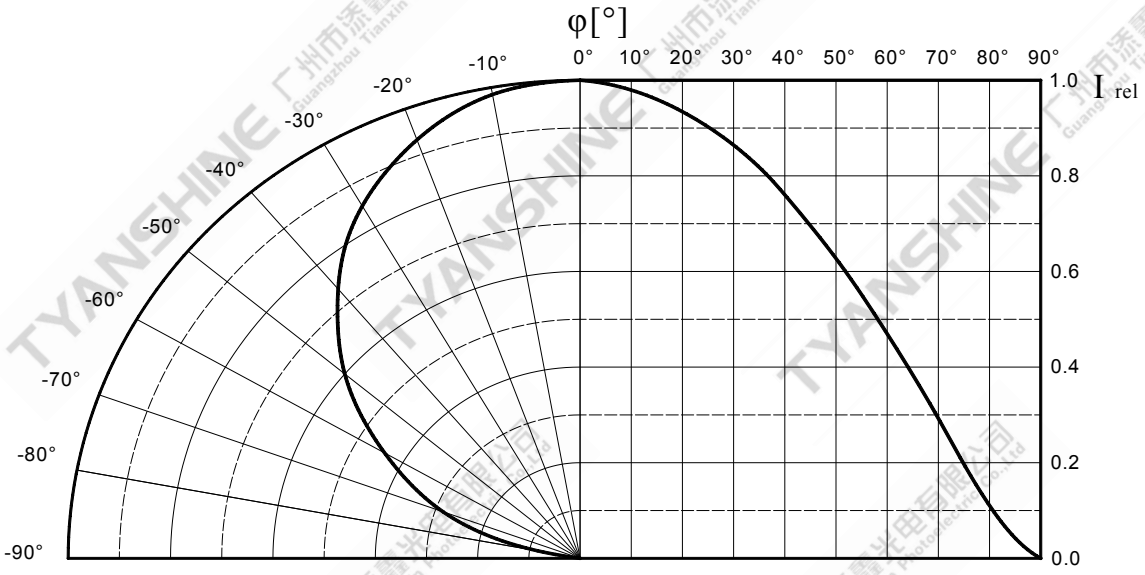
Temperature VS. Forward Voltage (IF=1.8A)



Temperature VS. Relative Luminous Flux (IF=1.8A)



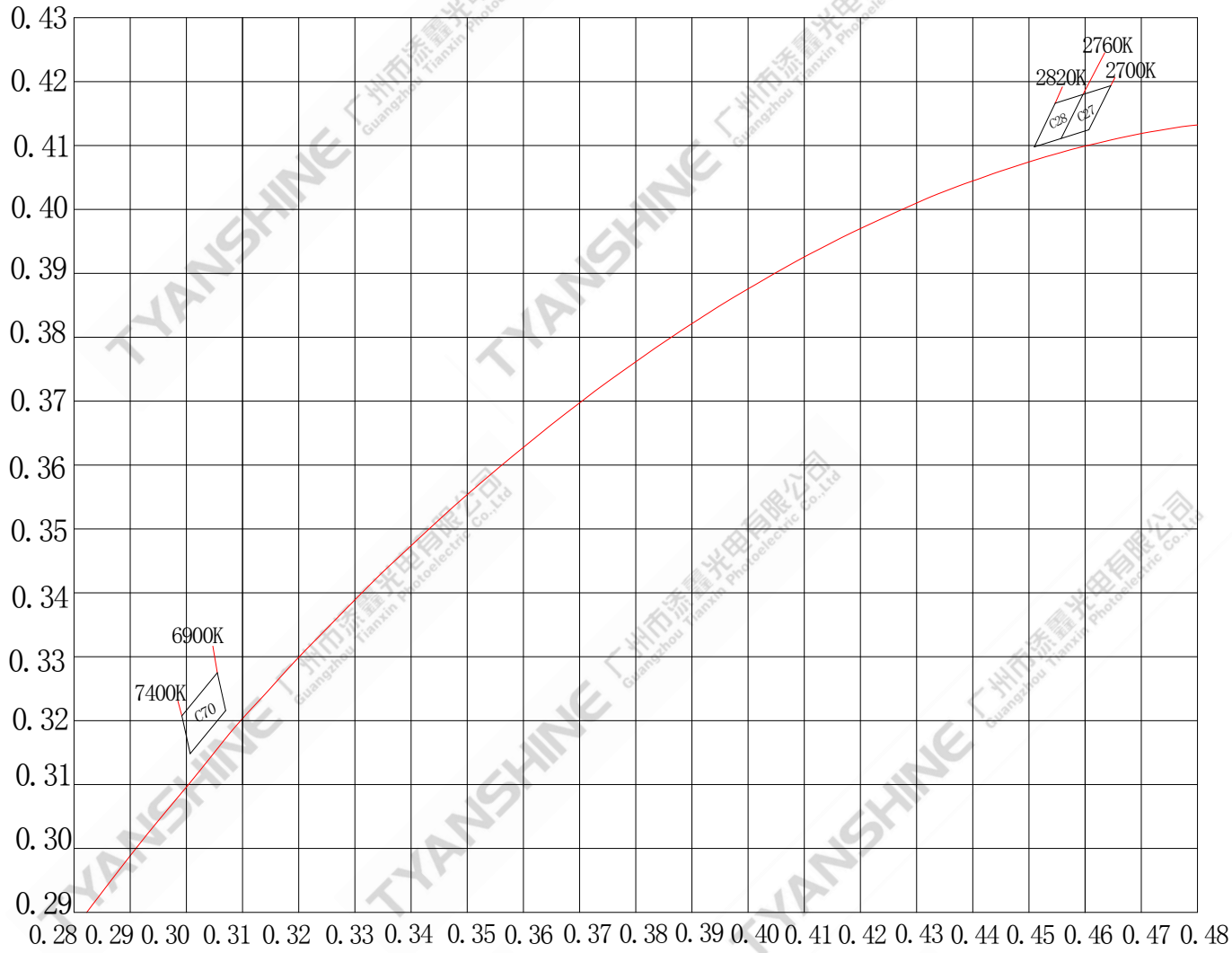




Notes:

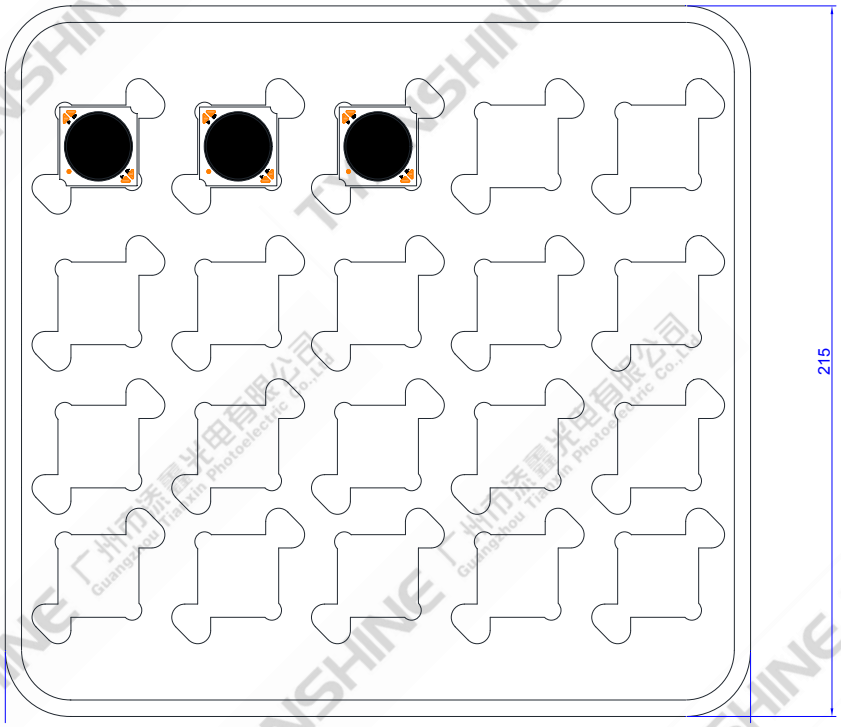
1. 2θ 1/2 is the off axis angle from lamp centerline where the luminous intensity is 1/2 of the peak value.
2. View angle tolerance is ± 5°.

Chromaticity Coordinates (Condition：IF=1800mA，Tc=25℃)



Dimensions For Cannulation And Packaging

Quantity: 20PCS



Notes:

1. All dimensions are in millimeters.
2. Tolerances are ±2.0 mm unless otherwise noted.
3. The products are packaged together with silica gel, Transport, not to the weight of welding LED light-emitting area, As a result of the weight of LED light-emitting zone in the quality of, Irresponsible of the Company.