

TX-2828SW100C22F12-03H952770

PRODUCT SPECIFICATION

Features:

- Excellent transiting heat from LED chip operating under 3200mA.
- 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:

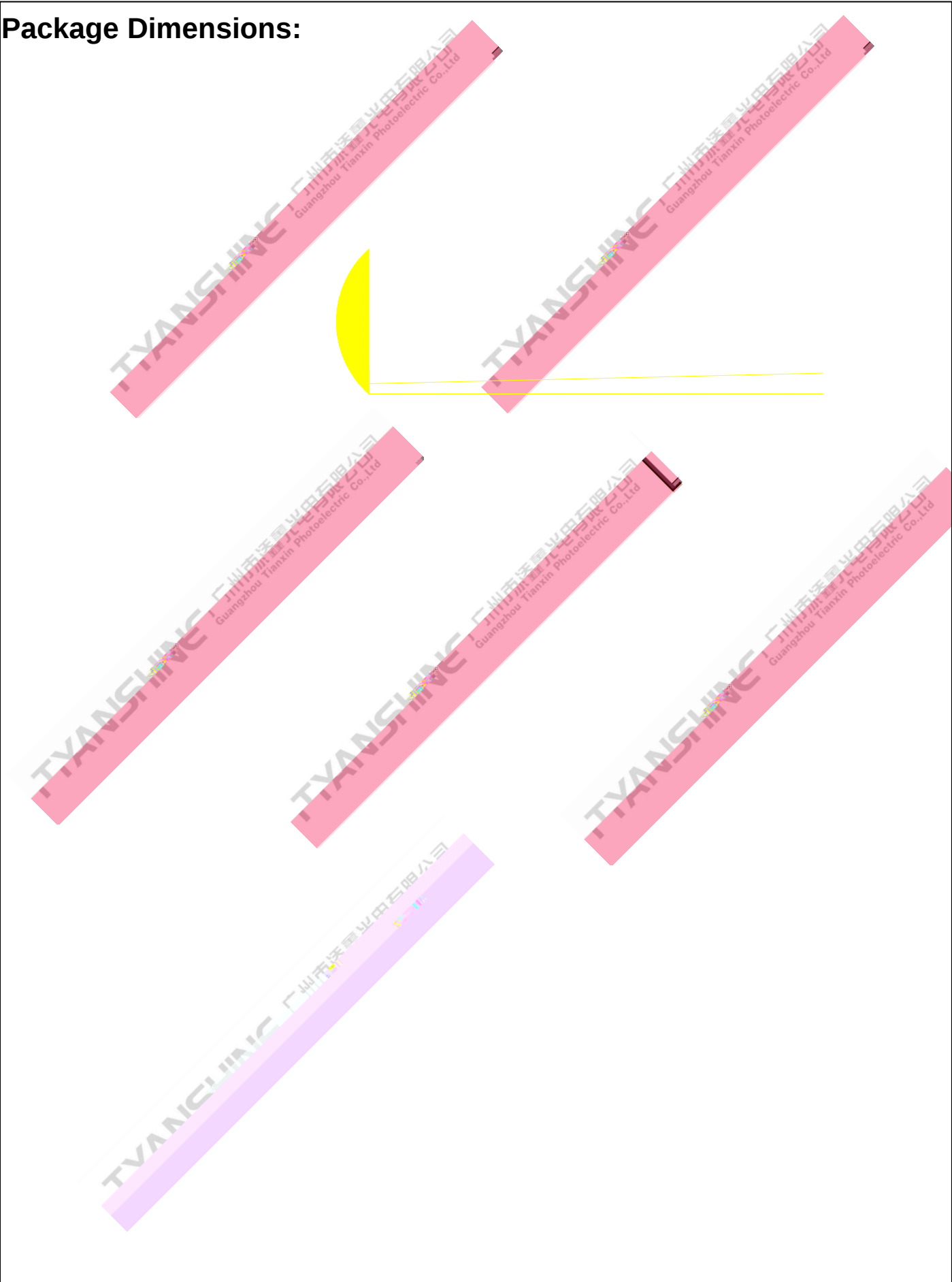
White
Warm white

Applications:

Commercial lighting
General Lighting

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Package Dimensions:



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Absolute Maximum Ratings

Parameter	Symbol	Ratings	Unit
Forward Current	IF	3200	mA
Reverse Voltage	V _R	Not designed for reverse operation	V
Power Dissipation	P _D	W	W
		C	
		W+C	
Junction Temperature	T _j	W	
		C	
Case Temperature (C)	T _c	85	
Electrostatic Discharge Threshold (ESD)	ESD	2000	V
Storage Temperature	T _{stg}	-30~+80	
Operation Temperature	T _{opr}	-30~+85	

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.

Electrical Optical Characteristics (Tc=25°C)

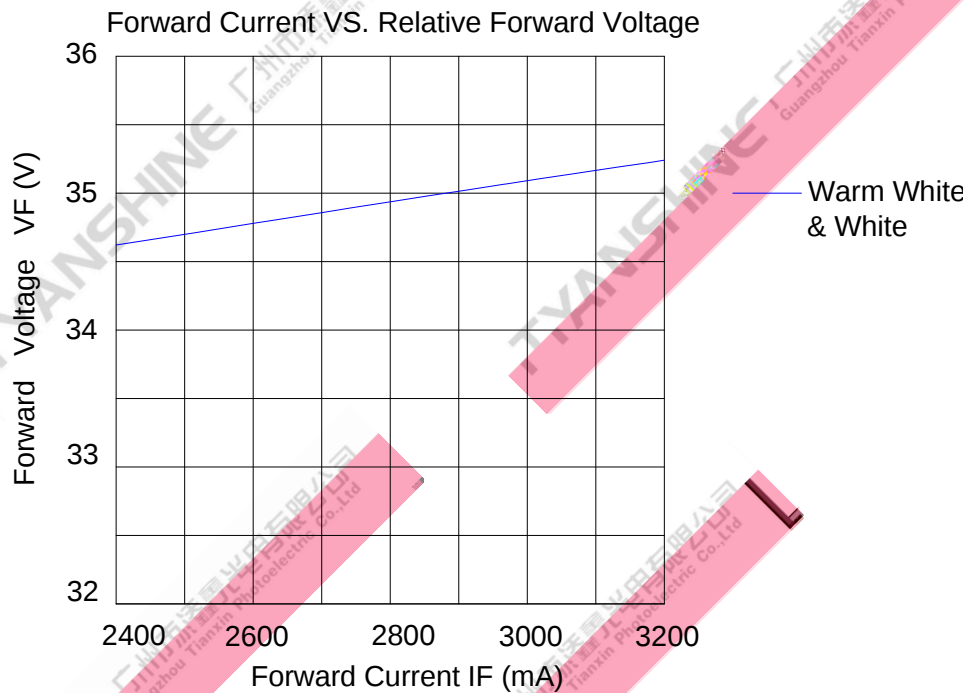
Parameter	Symbol	Condition	Emitting color	Min.	Typ.	Max.	Units	
Luminous Flux	ϕ_v	If=2800mA	W	7000	8000	9000	lm	
			C	9000	10500	12000		
Forward Voltage	V_f		W	33	35	37	V	
			C	33	35	37		
Correlated Colour Temperature	CCT		W	2600	2670	2740	K	
			C	6600	6900	7200		
Viewing Angle at 50° IV	$2\theta_{1/2}$		W	—	115	—	Deg	
			C	—	115	—		
Reverse Current	I_R		—	—	—	—	—	μA
Thermal Resistance Junction to Case	$R\theta_{J-C}$		If=2800mA	W	—	0.18	—	K/W
				C	—	0.18	—	
Color Rendering Index	R_a			—	—	95	—	—

Notes:

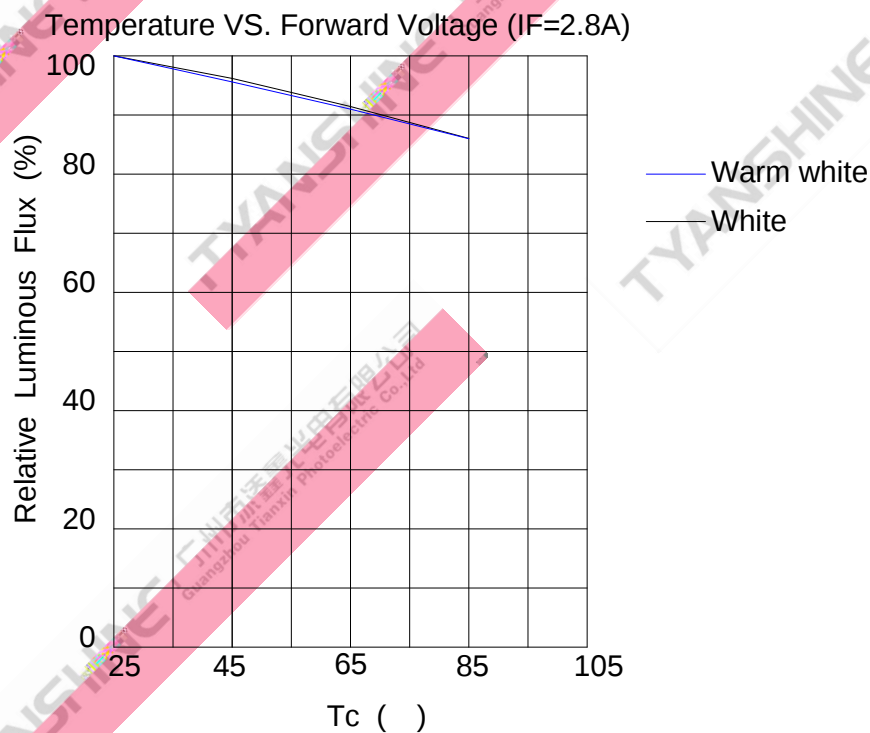
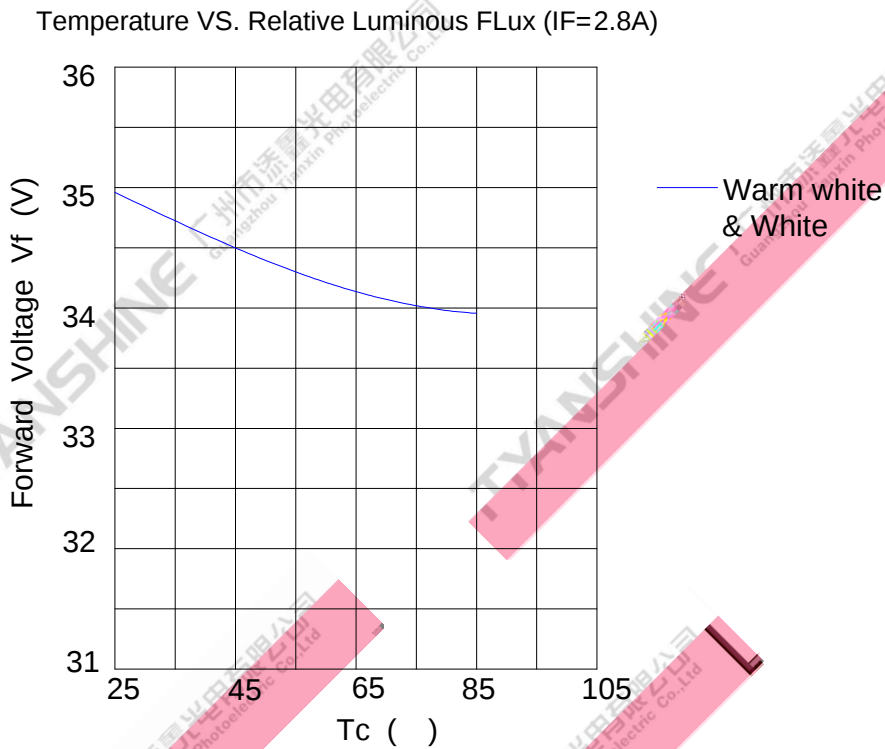
- 1.Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
2. $\theta_{1/2}$ is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
- 3.Luminous flux measurement tolerance:±15%.
- 4.Forward voltage measurement tolerance:±3%.
- 5.Ra measurement tolerance: 2.
- 6.R15 measurement tolerance:-1.
- 7.RF measurement tolerance:-1

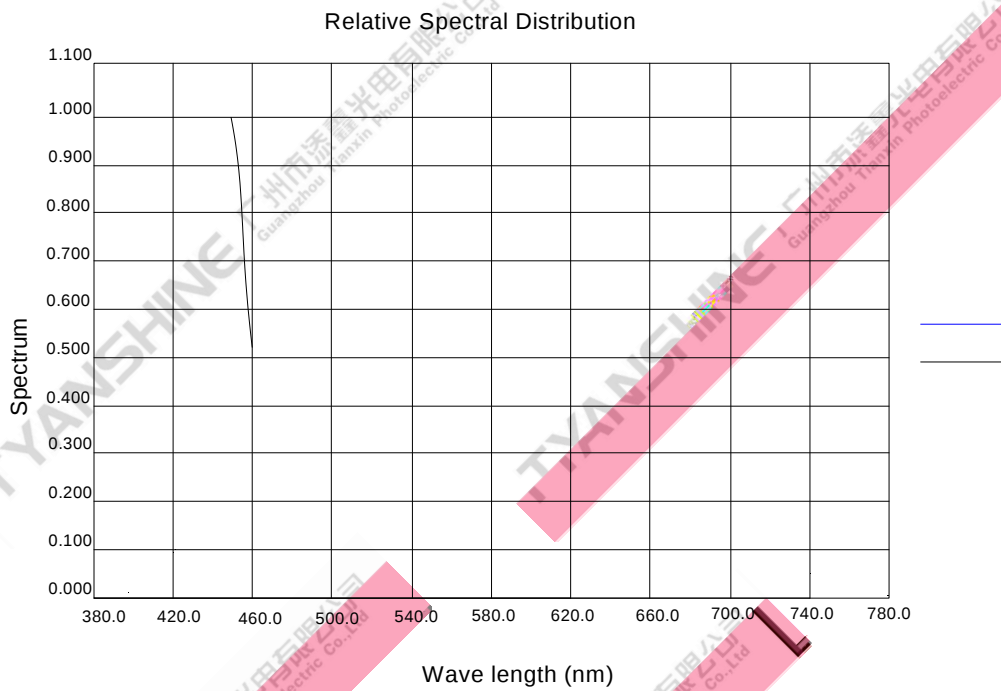
Typical Electrical/Optical Characteristics Curves

(25 Ambient Temperature Unless Otherwise Noted)

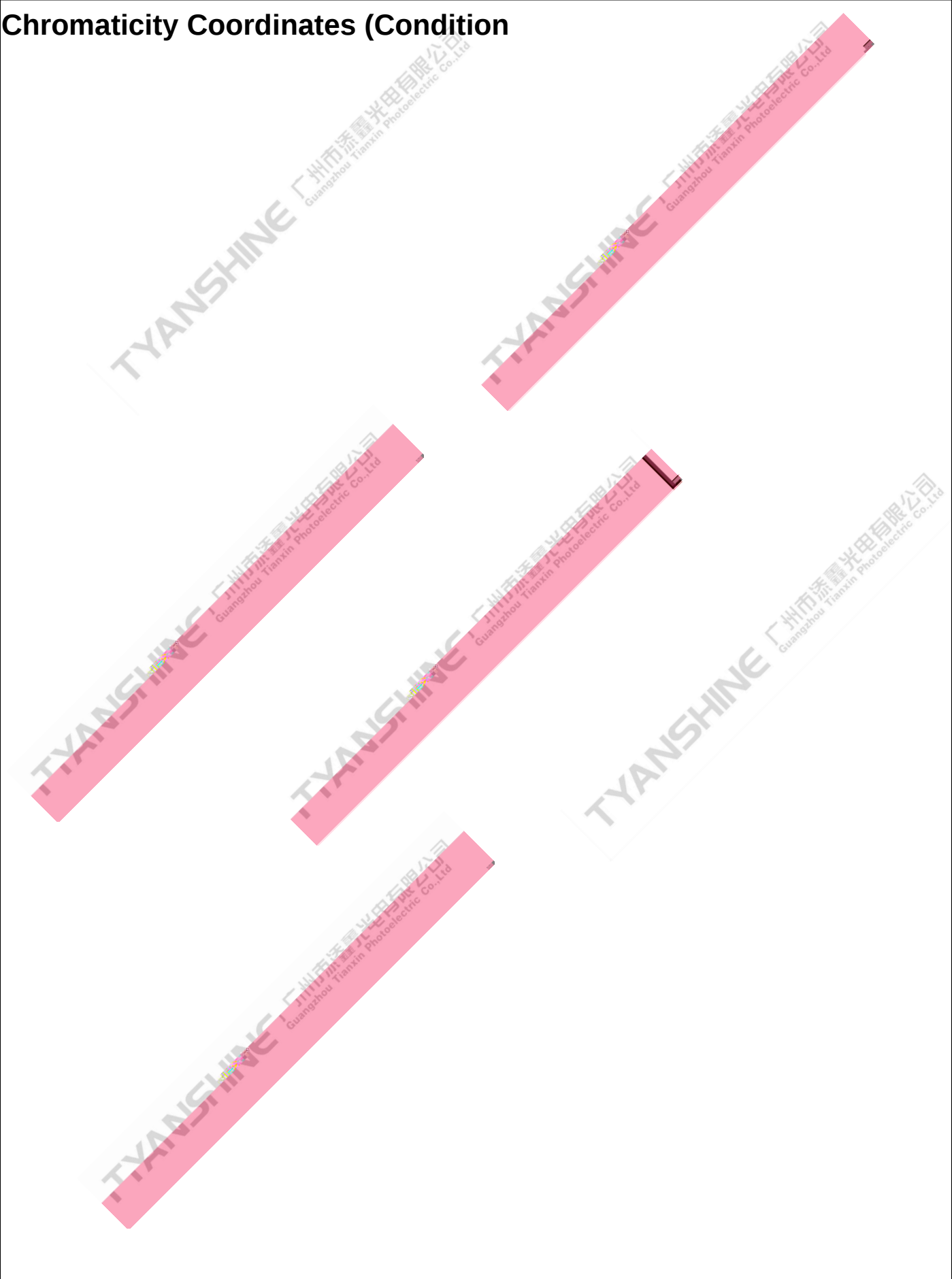


WKF





Chromaticity Coordinates (Condition



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Dimensions For Cannulation And Packaging

Quantity:20 PCS

