

TX-5353SW230C30F14-03H952770**PRODUCT SPECIFICATION****Features:**

- ◆Excellent transiting heat from LED chip operating under 6A.
- ◆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:

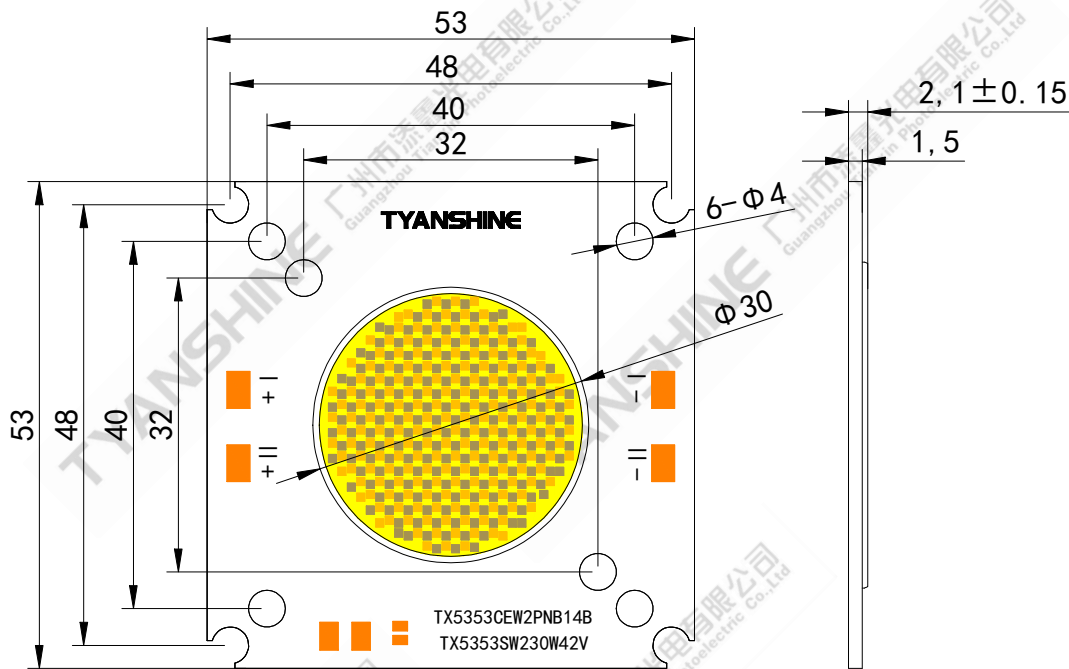
- ◆White
- ◆Warm white

Applications:

- ◆Commercial lighting
- ◆General Lighting

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Package Dimensions:



I: Warm White (S) II: White (W)

Notes:

- 1.All dimensions are in millimeters .
- 2.Tolerances unless otherwise mentioned are $\pm 0.25\text{mm}$.

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Absolute Maximum Ratings

Parameter	Symbol		Ratings	Unit
Forward Current	IF		6	A
Reverse Voltage	VR		Not designed for reverse operation	V
Power Dissipation	PD	S	250	W
		W	250	
		S+W	250	
Junction Temperature	Tj	S	150	℃
		W	150	
Case Temperature (C)	Tc		85	℃
Storage Temperature	Tstg		-30~+100	℃
Operation Temperature	Topr		-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.

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Electrical Optical Characteristics (Tc=25°C)

Parameter	Symbol	Condition	Emitting color	Min.	Typ.	Max.	Units
Luminous Flux	φ_v	If=5.5A	S	13800	16000	18000	lm
			W	19500	23000	25500	
Forward Voltage	V_f		S	39	42	45	V
			W	39	42	45	
Correlated Colour Temperature	CCT		S	2600	2700	2740	K
			W	6600	7000	7200	
Viewing Angle at 50 % IV	$2\theta_{1/2}$		S	—	115	—	Deg
			W	—	115	—	
Reverse Current	I_R	—	—	—	—	μA	
Color Rendering Index	Ra	If=5.5A	S	95	—	—	—
			W	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: $\pm 15\%$.
- 4.Forward voltage measurement tolerance: $\pm 3\%$.
- 5.Ra measurement tolerance: ± 2 .

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