



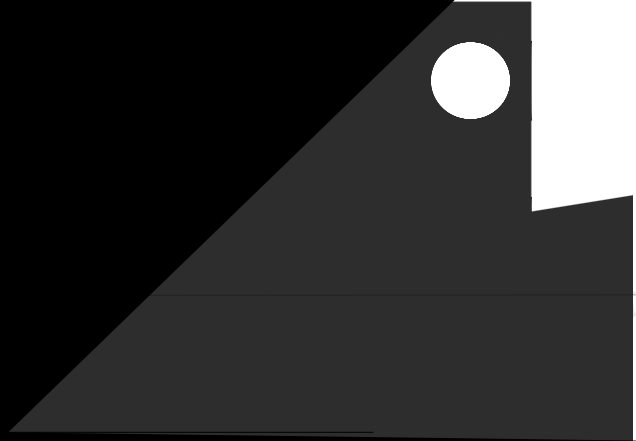
Excellent Transiting Heat from LED Chip Operating under 6 A

High Luminous Output

No UV

Light emitting area is small, power per unit area of up to $5W/mm^2$

Three color and four color melange effect is superior to similar products on the light



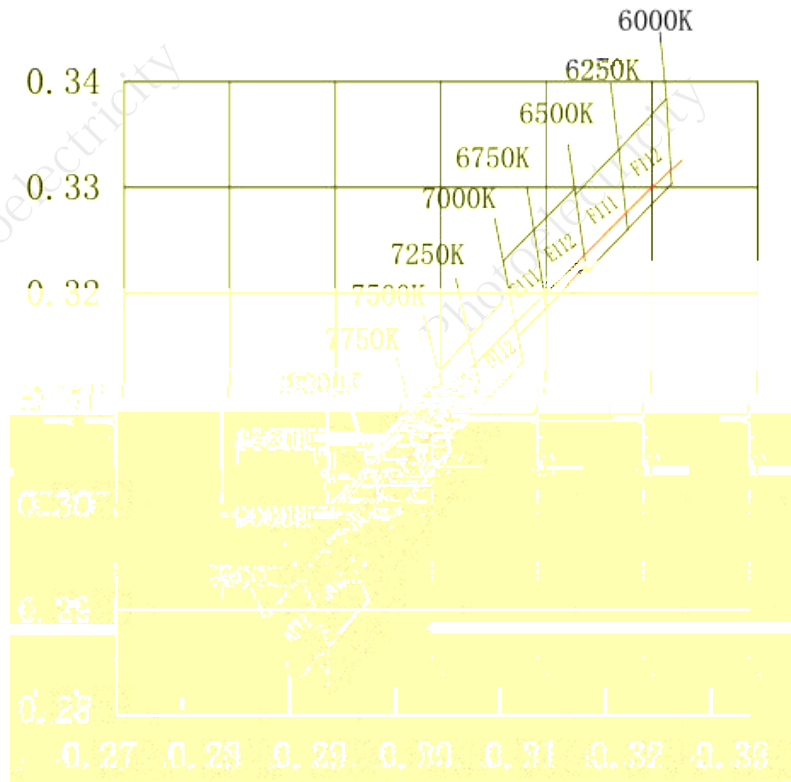
1. All dimensions are in millimeters (inches).
2. Tolerance is ± 0.25 mm (0.01") unless otherwise noted.

Part NO.	Lens Color	Emitting Color
TX-5266W250FC120-NUVENG-A02B	Water Clear	White

Parameter	Symbol	MAX.	Unit
LED Junction Temperature	T _j	150	
Power Dissipation	P _D	250	W
Continuous Forward Current	I _F	6	A
Reverse Voltage	V _R	—	V
Electrostatic Discharge Threshold (ESD)	ESD	2000	V
Operating Temperature Range	T _{opr}	-40 to +70	
Storage Temperature Range	T _{spr}	-40 to +100	

1. Specifications are subject to change without notice.
2. Under the stipulated Characteristics parameters above, the life span of the LED is more than 50,000hours.
3. The data on this specification is for reference only and the actual data is in accordance with the acknowledgment.
4. 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.

Parameter	Symbol	Values			Units
		Min.	Typ.	Max.	
Luminous Flux	ν	15000	17000	—	lm
Viewing Angle at 50° IV	2 1/2	—	115	—	Deg
Forward Voltage	V_f	35	38	40	V
Correlated Colour Temperature	CCT	6000	7500	9500	K
Reverse Current	I_R	—	—	—	μA
Thermal Resistance Junction to Case	R_{J-C}	—	0.15	—	K/W
Temperature Coefficient of Forward Voltage	$V_{F/T}$	—	-3	—	mV/
Color Rendering Index	Ra	—	—	—	—
Thermistor(NTC)	Rt25	—	10	—	K



Grade	Colour temperature Tc(K)	X1		X2		X3		X4	
		X	Y	X	Y	X	Y	X	Y
	8000-								

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. 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. Flux is measured with an accuracy of $\pm 15\%$.

5. Forward voltage is measured with an accuracy of $\pm 0.15V$.

6. CCT selection acc. to CCT groups and an accuracy of $\pm 300K$.

