

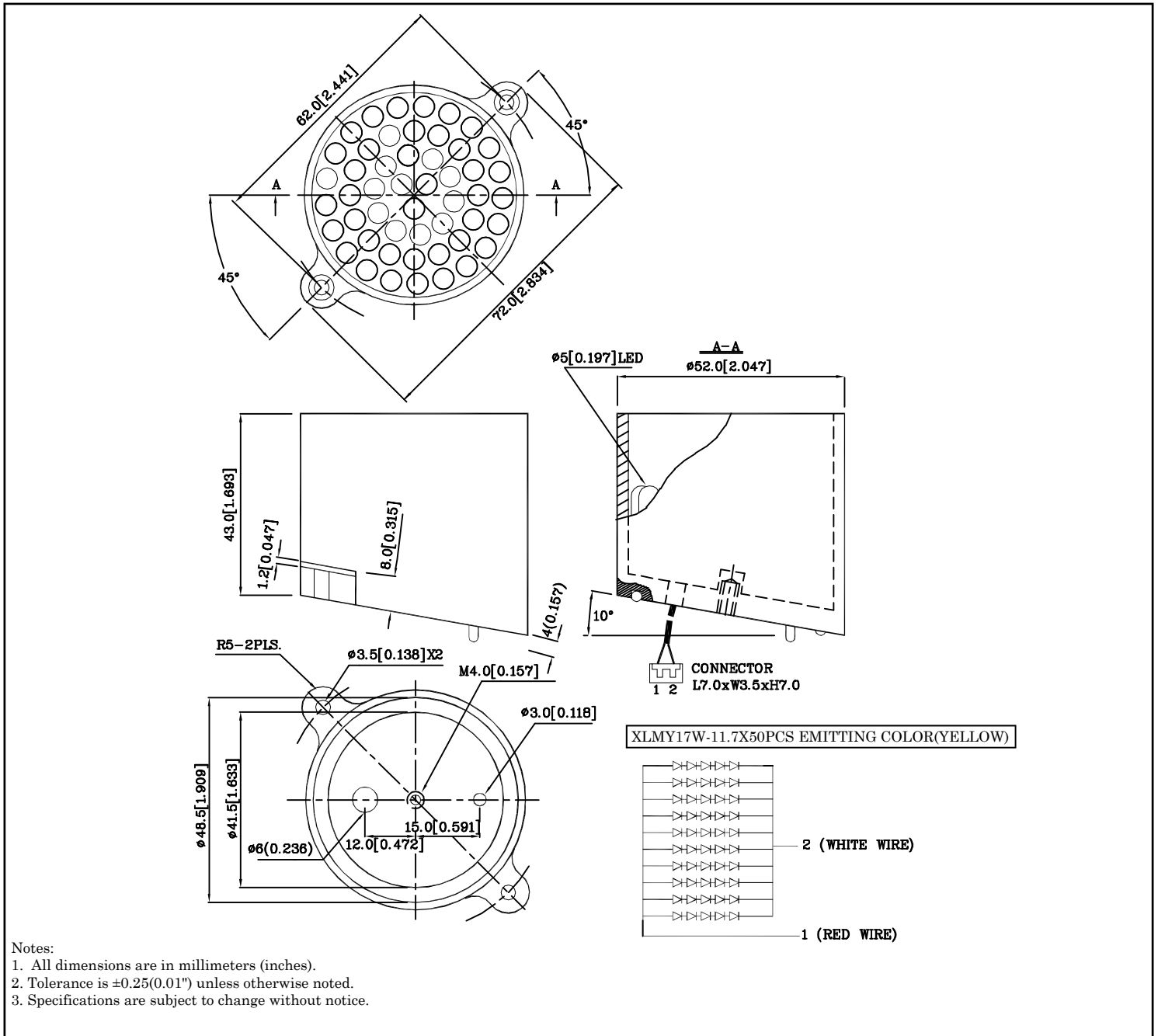


Features

- Waterproof construction.
- Suitable for outdoor applications, signboard or message board, etc.
- RoHS compliant.



Package Schematics



Electrical / Optical Characteristics at TA=25°C

Symbol	Parameter	Device	Min	Typ.	Max.	Units	Test Conditions
I _v	Luminous Intensity	XK50MYW23	50000*	80000*	-	mcd	I _F =200mA
2θ _{1/2}	Viewing Angle		-	40	-	deg	-
V _F	Forward Voltage		-	10	12	V	I _F =200mA
λ _P	Peak Wavelength		-	590*	-	nm	I _F =200mA
λ _D	Dominant Wavelength		-	590*	-	nm	I _F =200mA
Δλ _{1/2}	Spectral Line Half-width		-	28	-	nm	I _F =200mA
I _R	Reverse Current		-	-	100	uA	V _R = 5V

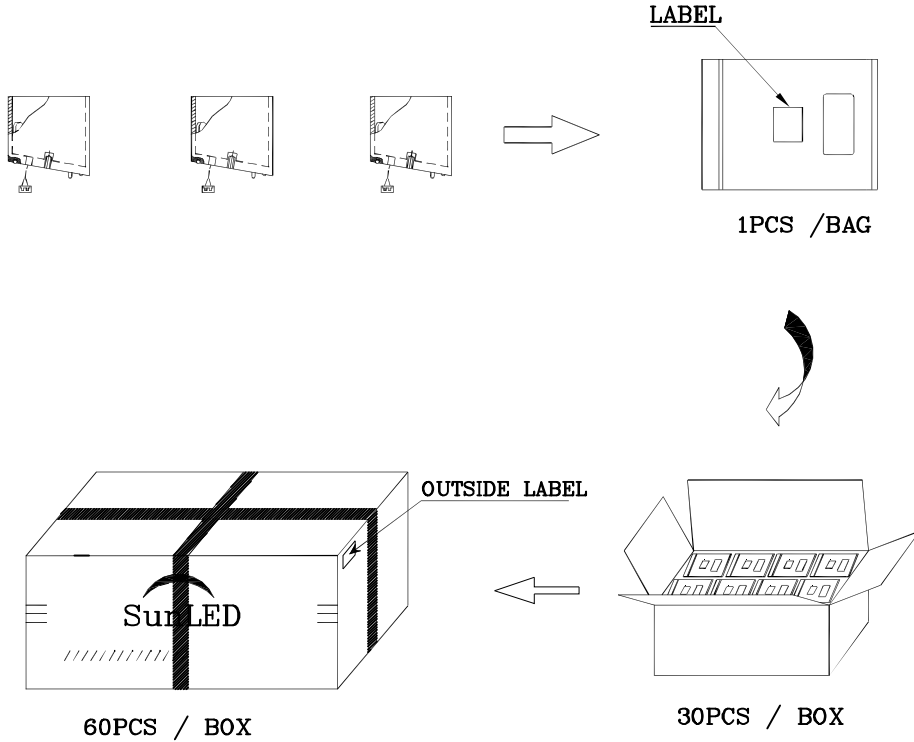
*Luminous intensity value and wavelength are in accordance with CIE127-2007 standards.


Absolute Maximum Ratings at TA=25°C

Parameter	Type	Units
Total Power dissipation	2900	mW
Total DC Forward Current	300	mA
Reverse Voltage	5	V
Operating Temperature	-40°C T _o +70°C	
Storage Temperature	-40°C T _o +85°C	



PACKING & LABEL SPECIFICATIONS






Q.C.

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PASSED

P/N0 : XK50xxx	
QTY : 1 pcs	CODE: XXX
S/N : XX	
LOT NO:	
 XXXXXXXXXXXXXXXXXXXX	
RoHS Compliant	