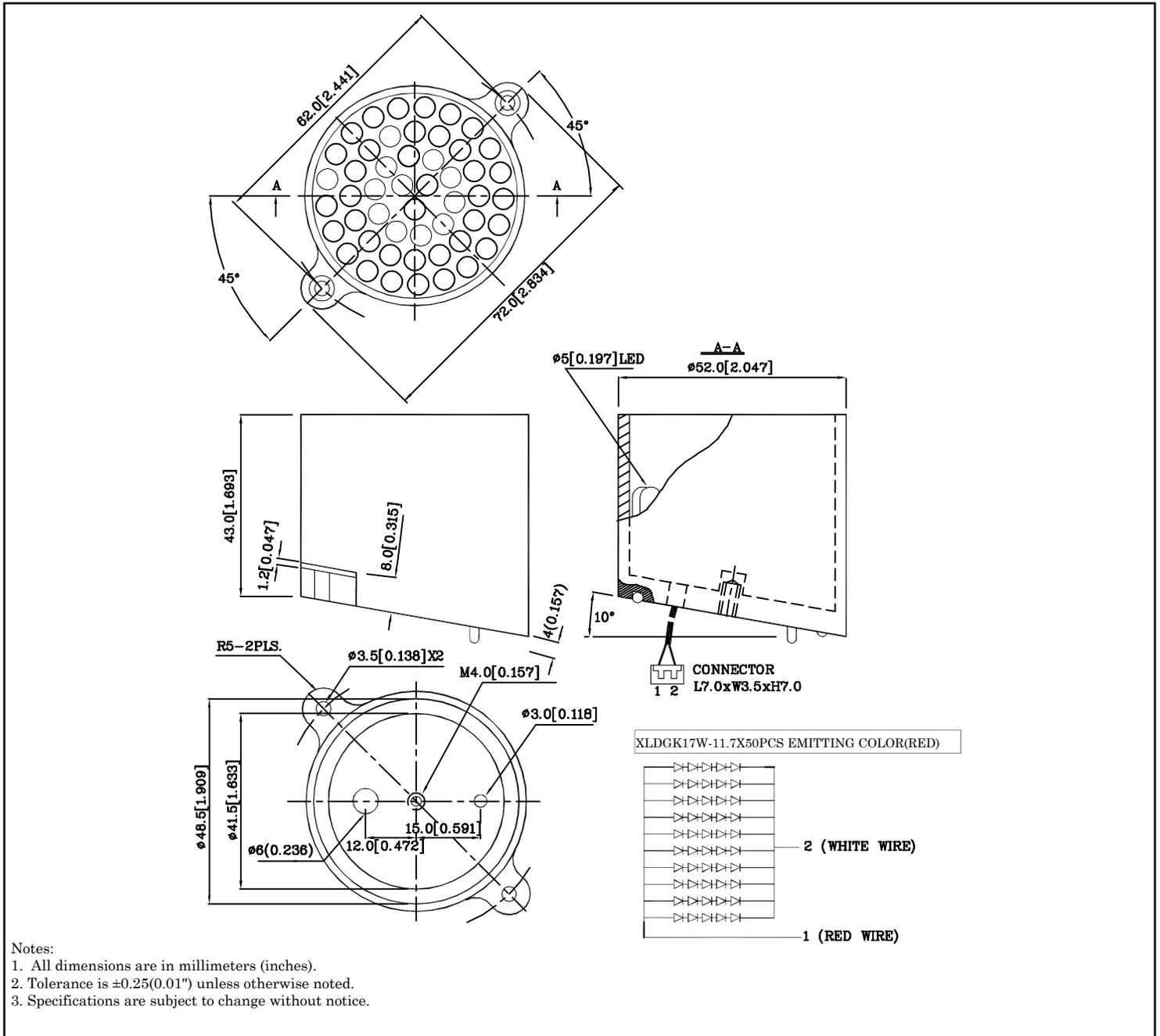


Features

- 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 CIE127-2007*	XK50DGKW89	175000*	244990*	-	mcd	I _F =200mA
2 θ _{1/2}	Viewing Angle		-	40	-	deg	-
V _F	Forward Voltage		-	16.5	20.5	V	I _F =200mA
λ _P	Peak Wavelength CIE127-2007*		-	515*	-	nm	I _F =200mA
λ _D	Dominant Wavelength CIE127-2007*		-	525*	-	nm	I _F =200mA
Δλ _{1/2}	Spectral Line Half-width		-	35	-	nm	I _F =200mA
I _R	Reverse Current		-	-	100	uA	V _R = 5V

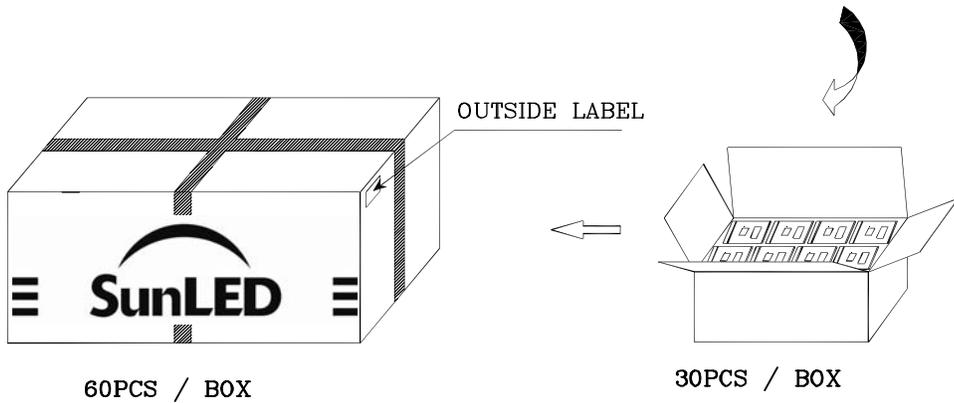
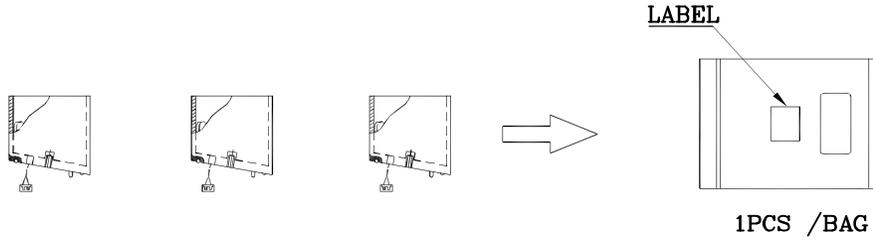
Note:

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

Absolute Maximum Ratings at TA=25°C

Parameter	Type	Units
Power dissipation	5125	mW
DC Forward Current	250	mA
Reverse Voltage	5	V
Electrostatic Discharge Threshold (HBM)	450	V
Operating Temperature	-40°C To +70°C	
Storage Temperature	-40°C To +85°C	

PACKING & LABEL SPECIFICATIONS



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Q.C.	Q C							
XX	XX XX							
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P/NO : XK50xxx								
QTY : 1 pcs		CODE: XXX						
S/N : XX								
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 xxxxxxxxxxxxxxxxxxxxxxxx								
RoHS Compliant								

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