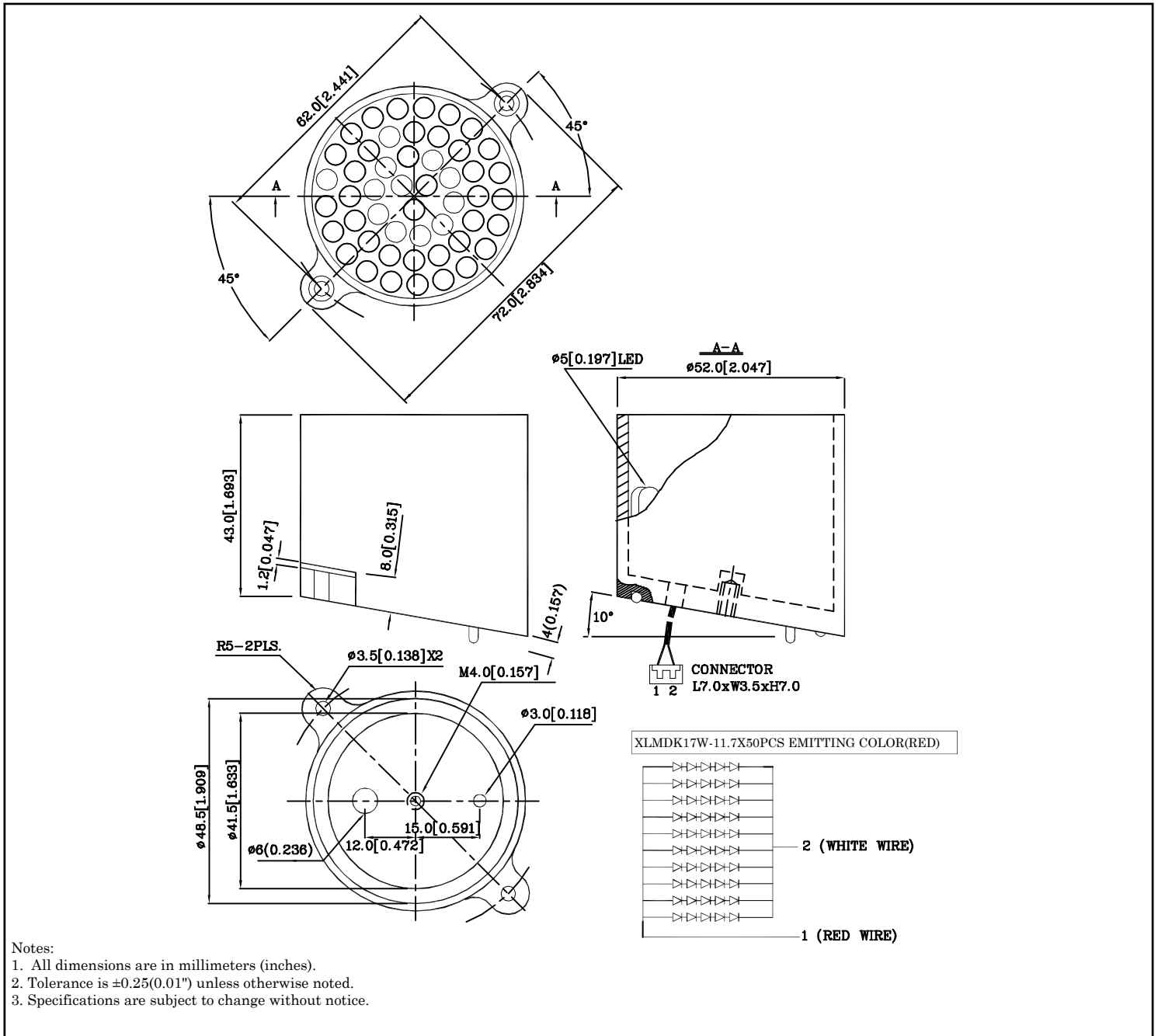


Features

- 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*	XK50MDKW46	35000	74990	-	mcd	I _F =200mA
			*12300	*22990			
2 01/2	Viewing Angle		-	40	-	deg	-
V _F	Forward Voltage		-	9.75	12.5	V	I _F =200mA
λ _P	Peak Wavelength CIE127-2007*		-	645*	-	nm	I _F =200mA
λ _D	Dominant Wavelength CIE127-2007*		-	630*	-	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

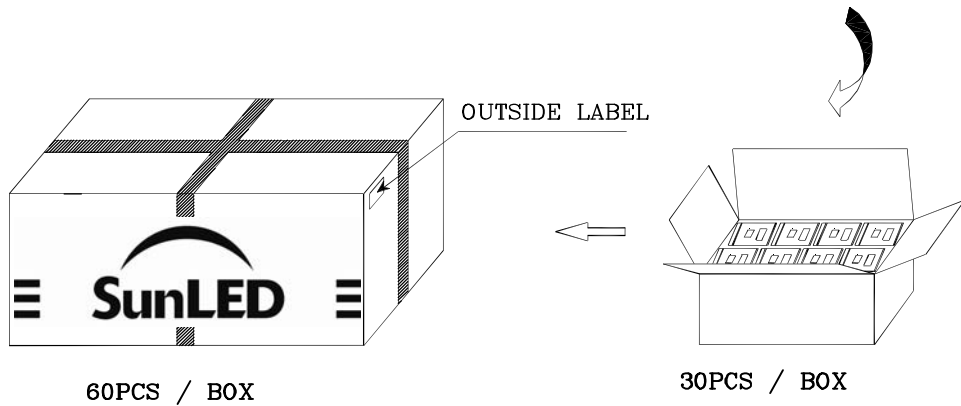
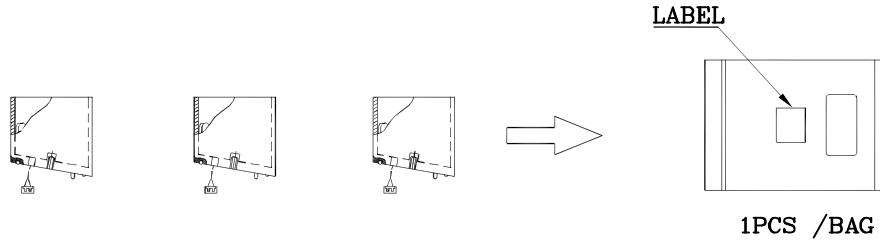
Note:



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

Absolute Maximum Ratings at TA=25°C

Parameter	Type	Units
Power dissipation	3750	mW
DC Forward Current	300	mA
Reverse Voltage	5	V
Operating Temperature	-40°C To +70°C	
Storage Temperature	-40°C To +85°C	

PACKING & LABEL SPECIFICATIONS



		<table border="1"> <tr> <td>Q.C.</td> <td>Q C</td> </tr> <tr> <td>XX</td> <td>XX XX</td> </tr> <tr> <td colspan="2" style="text-align: center;">PASSED</td> </tr> </table>	Q.C.	Q C	XX	XX XX	PASSED	
Q.C.	Q C							
XX	XX XX							
PASSED								
P/NO : XK50xxx								
QTY : 1 pcs		CODE: XXX						
S/N : XX								
LOT NO:								
 xxxxxxxxxxxxxxxxxxxxxxxx								
RoHS Compliant								

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