

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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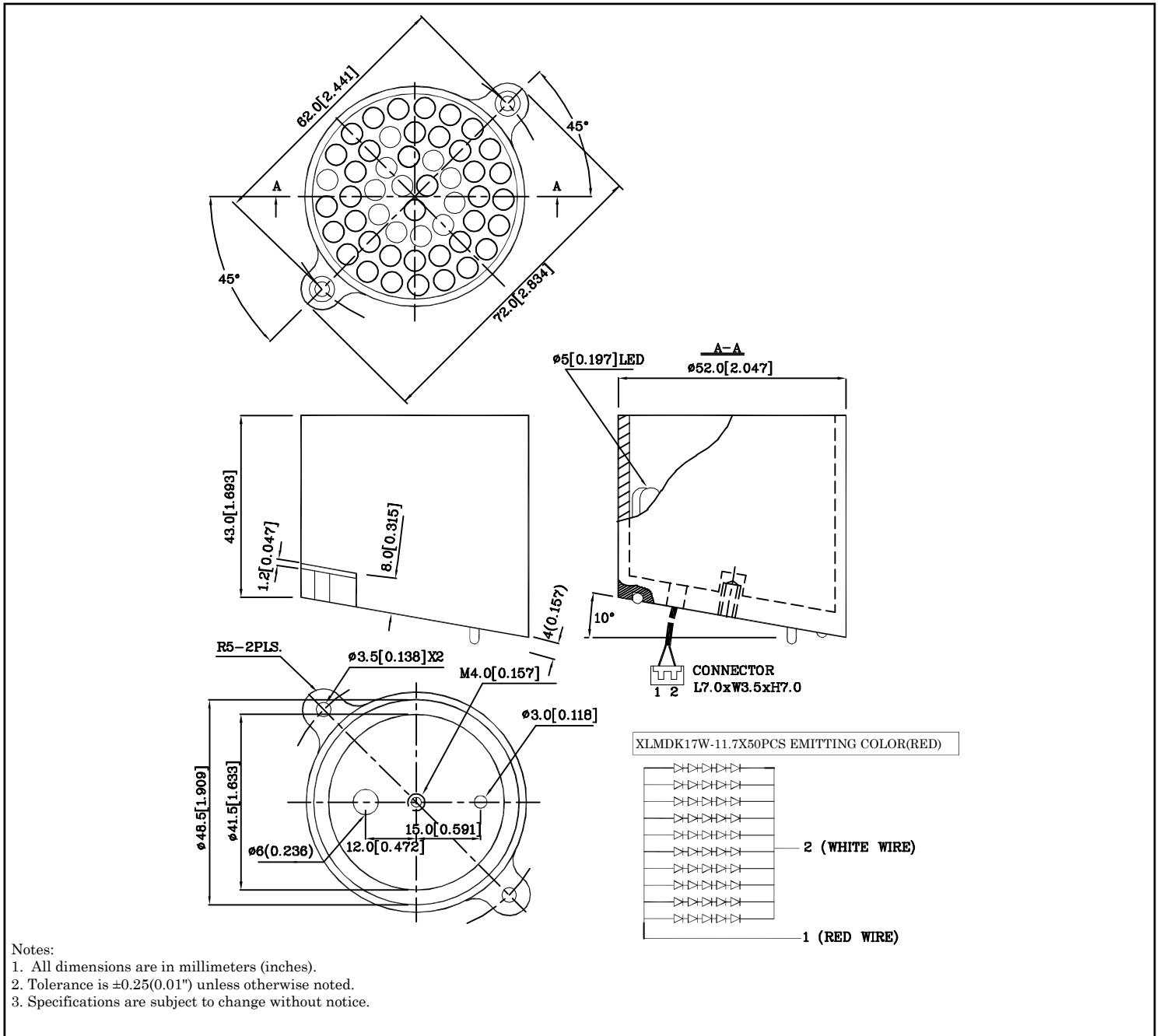


Features

- 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:

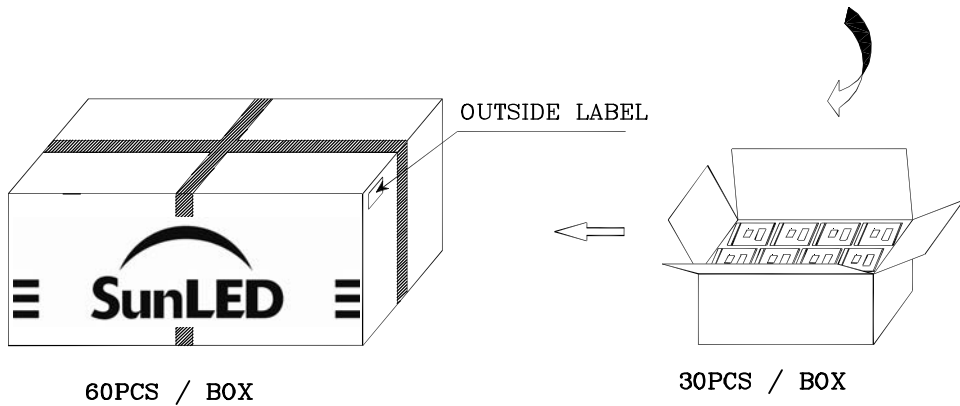
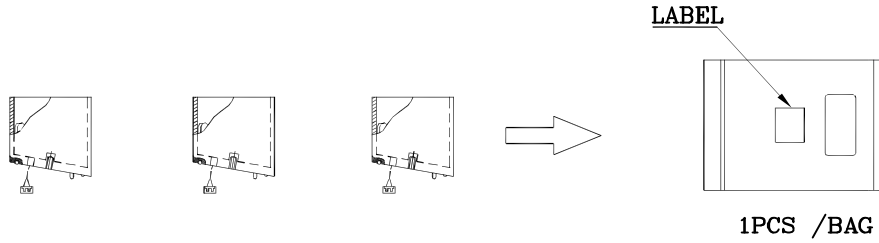
*Luminous intensity value and wavelength are in accordance with CIE127-2007 standards.



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



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

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