

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[SunLED](#)
[XK50MDKW46](#)

For any questions, you can email us directly:

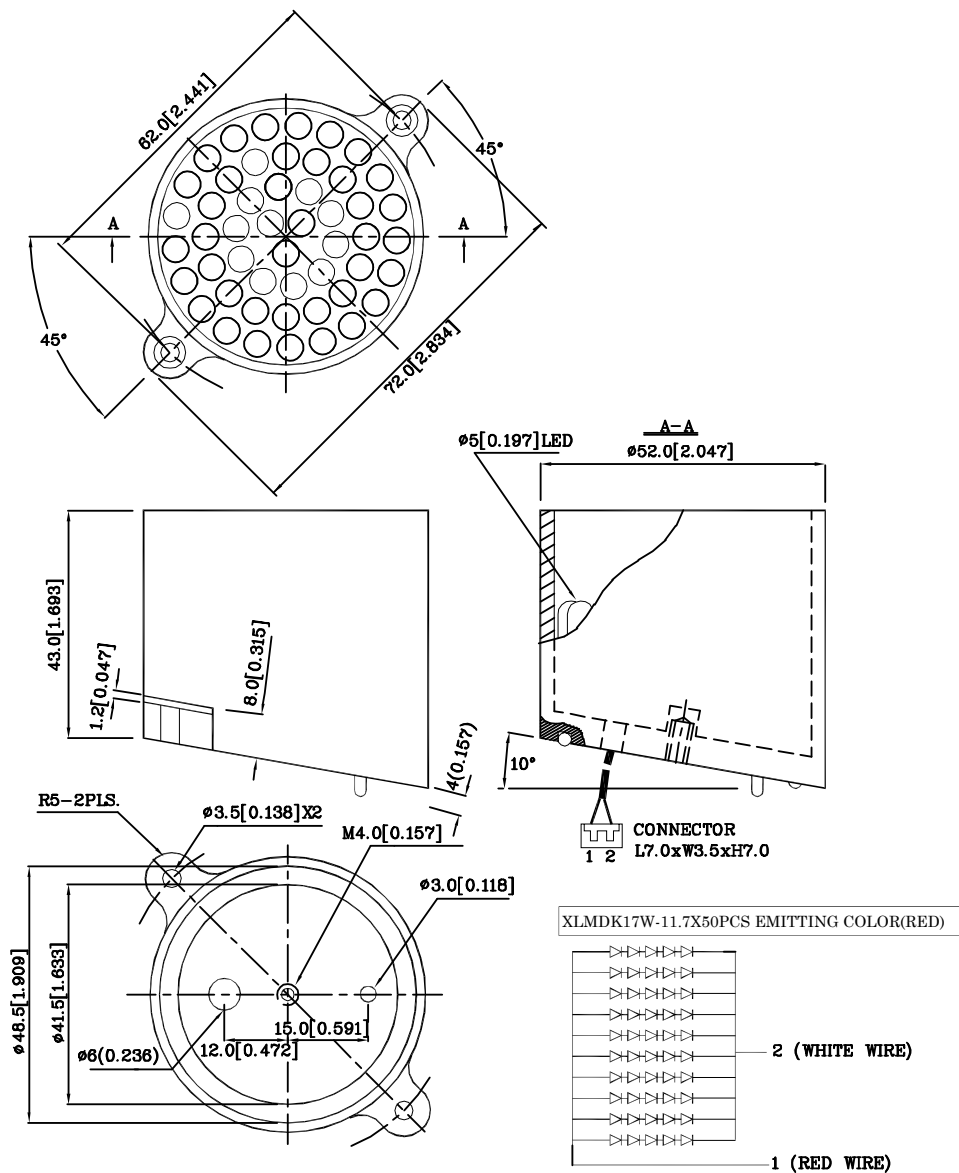
sales@integrated-circuit.com

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
Iv	Luminous Intensity CIE127-2007*	XK50MDKW46	35000	74990	-	mcd	If=200mA
			*12300	*22990			
2 θ1/2	Viewing Angle		-	40	-	deg	-
V _F	Forward Voltage		-	9.75	12.5	V	If=200mA
λ _P	Peak Wavelength CIE127-2007*		-	645*	-	nm	If=200mA
λ _D	Dominant Wavelength CIE127-2007*		-	630*	-	nm	If=200mA
Δλ _{1/2}	Spectral Line Half-width		-	28	-	nm	If=200mA
I _R	Reverse Current		-	-	100	uA	V _R = 5V

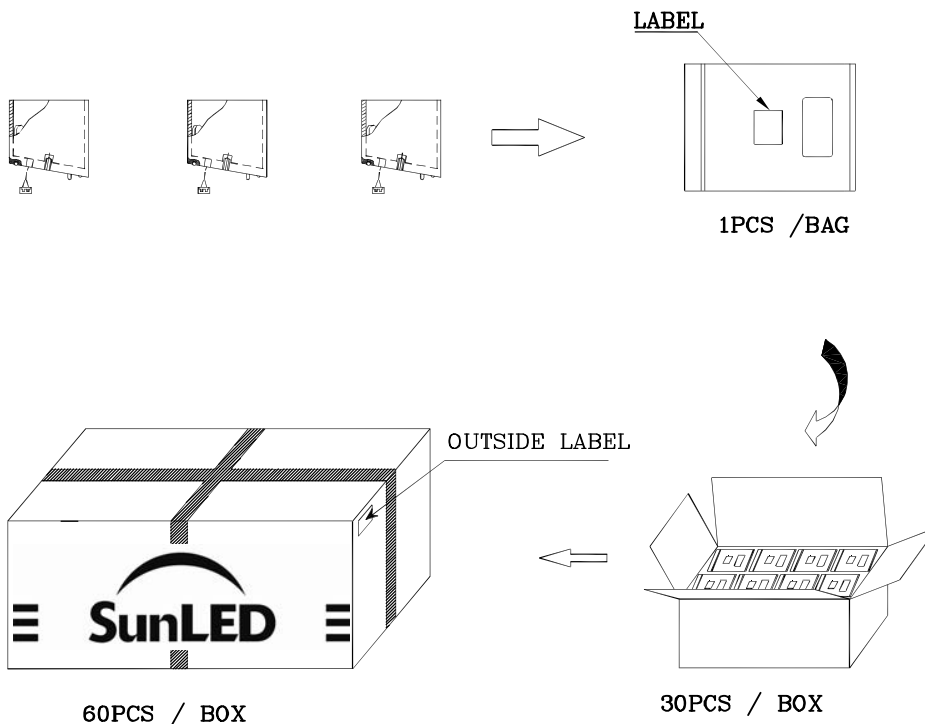
Note:

*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



		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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