



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!



Contact us

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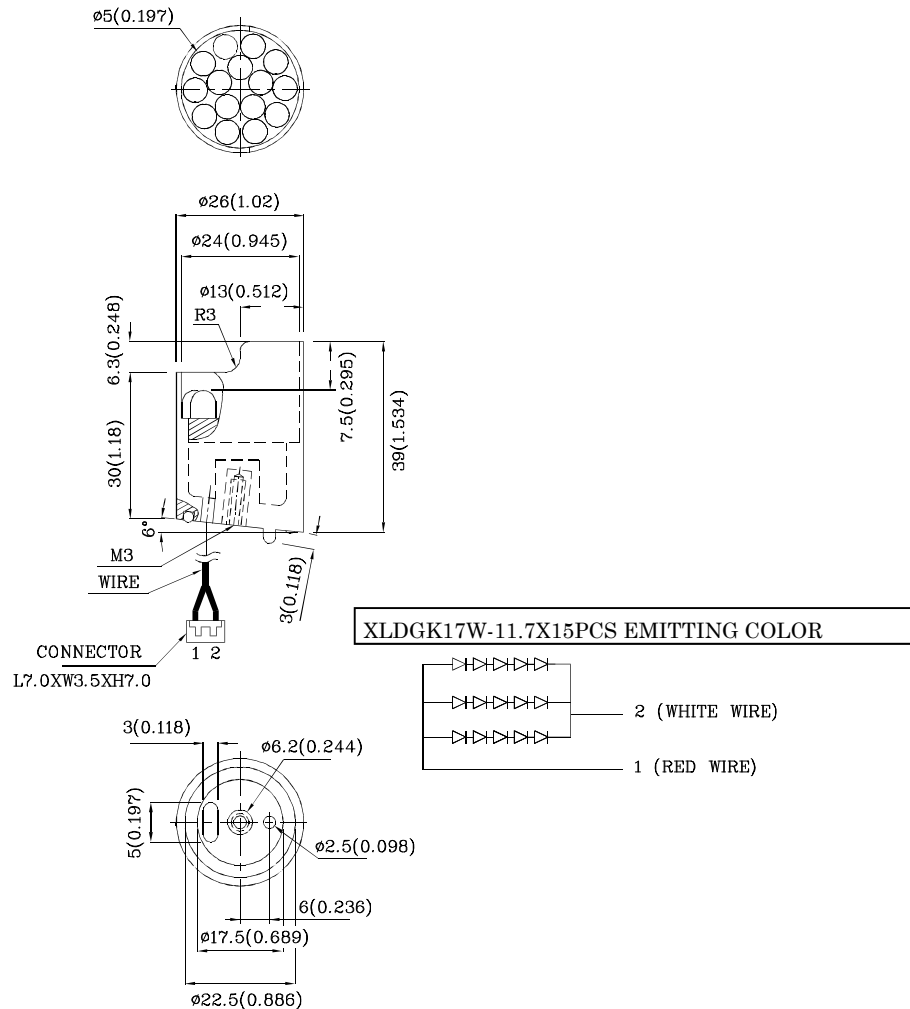
Features

- Water proof package with hood suitable for outdoor and indoor information boards.
- RoHS compliant.



ATTENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
DISCHARGE
SENSITIVE
DEVICES

Package Schematics



Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01)$ unless otherwise noted.
3. Specifications are subject to change without notice.



Electrical / Optical Characteristics at TA=25°C

Symbol	Parameter	Device	Min	Typ.	Max.	Units	Test Conditions
Iv	Luminous Intensity	XK15DGKW15	52500*	73490*	-	med	IF=60mA
2 01/2	Viewing Angle		-	40	-	deg	-
Vf	Forward Voltage		-	16.5	20.5	V	IF=60mA
λ P	Peak Wavelength		-	515*	-	nm	IF=60mA
λ D	Dominant Wavelength		-	525*	-	nm	IF=60mA
Δλ 1/2	Spectral Line Half-width		-	35	-	nm	IF=60mA
IR	Reverse Current		-	-	30	uA	VR = 5V

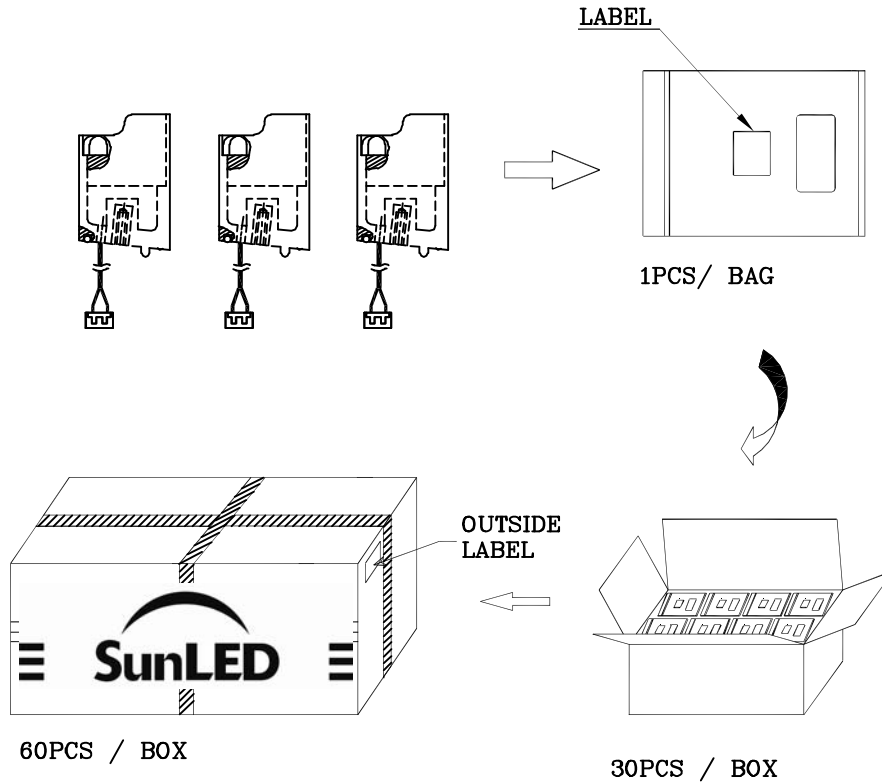
*Luminous intensity value and wavelength are in accordance with CIE127-2007 standards.



Absolute Maximum Ratings at TA=25°C

Parameter	Type	Units
Total Power dissipation	1538	mW
Total DC Forward Current	75	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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P/NO : XK15xxx						
QTY : 1pcs		CODE: XXX				
S/N : XX						
LOT NO:						
 xxxxxxxxxxxxxxxxxxxxxxxx						
RoHS Compliant						

TERMS OF USE

1. Data presented in this document reflect statistical figures and should be treated as technical reference only.
2. Contents within this document are subject to improvement and enhancement changes without notice.
3. The product(s) in this document are designed to be operated within the electrical and environmental specifications indicated on the datasheet. User accepts full risk and responsibility when operating the product(s) beyond their intended specifications.
4. The product(s) described in this document are intended for electronic applications in which a person's life is not reliant upon the LED. Please consult with a SunLED representative for special applications where the LED may have a direct impact on a person's life.
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6. Additional technical notes are available at <http://www.SunLEDusa.com/TechnicalNotes.asp>