

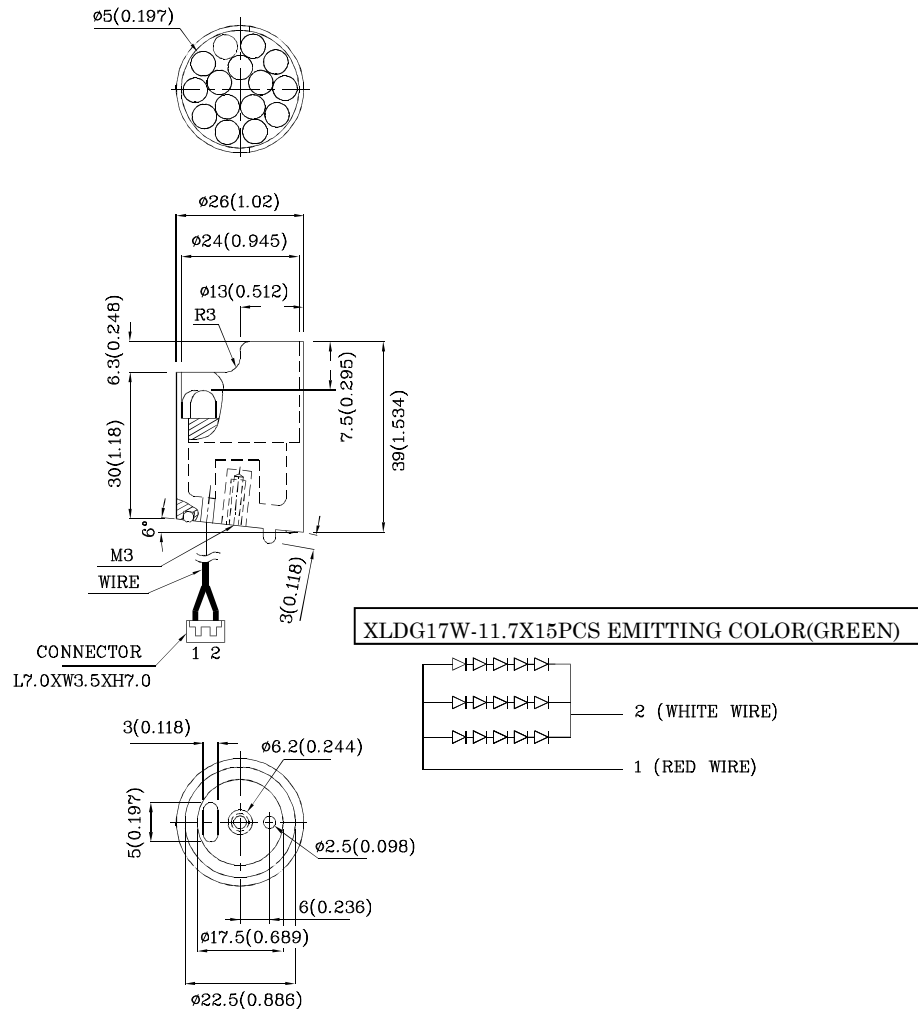
### Features

- 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	XK15DGW15	54000*	75000*	-	med	IF=60mA
2 01/2	Viewing Angle		-	40	-	deg	-
V <sub>F</sub>	Forward Voltage		-	16.5	20.5	V	IF=60mA
λ <sub>P</sub>	Peak Wavelength		-	515*	-	nm	IF=60mA
λ <sub>D</sub>	Dominant Wavelength		-	525*	-	nm	IF=60mA
Δλ <sub>1/2</sub>	Spectral Line Half-width		-	30	-	nm	IF=60mA
I <sub>R</sub>	Reverse Current		-	-	30	uA	V <sub>R</sub> = 5V

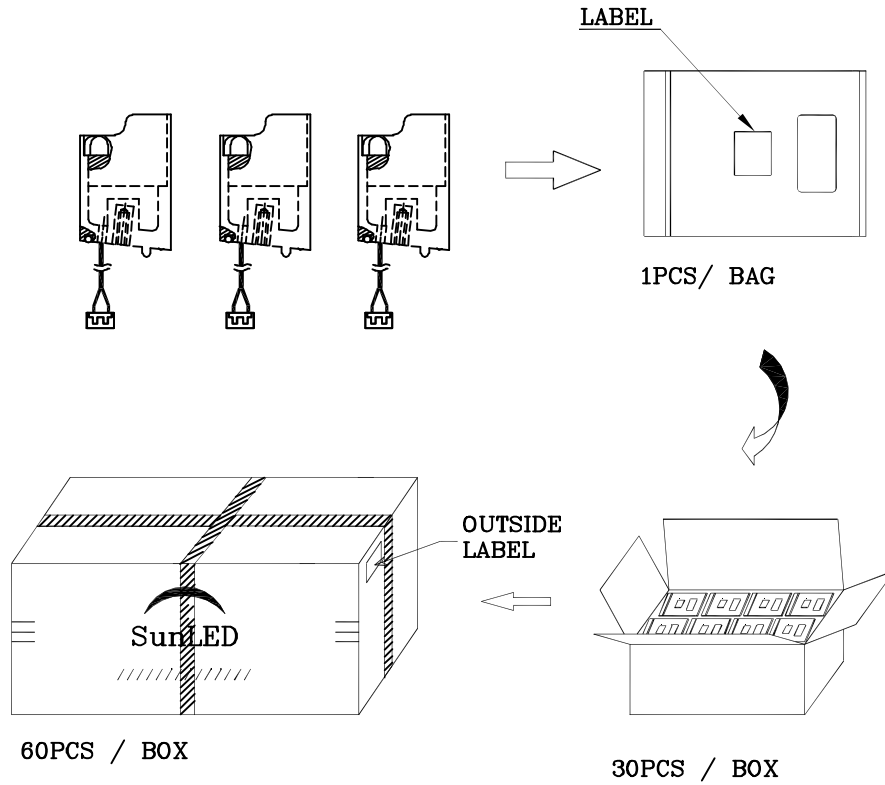
\*Luminous intensity value and wavelength are in accordance with CIE127-2007 standards.


**Absolute Maximum Ratings at TA=25°C**

Parameter	Type	Units
Total Power dissipation	1500	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






Q.C.

Q C

XX XX XX

PASSED

P/NO : XK15xxx	
QTY : 1pcs	CODE: XXX
S/N : XX	
LOT NO:	
 XXXXXXXXXXXXXXXXXXXX	
RoHS Compliant	