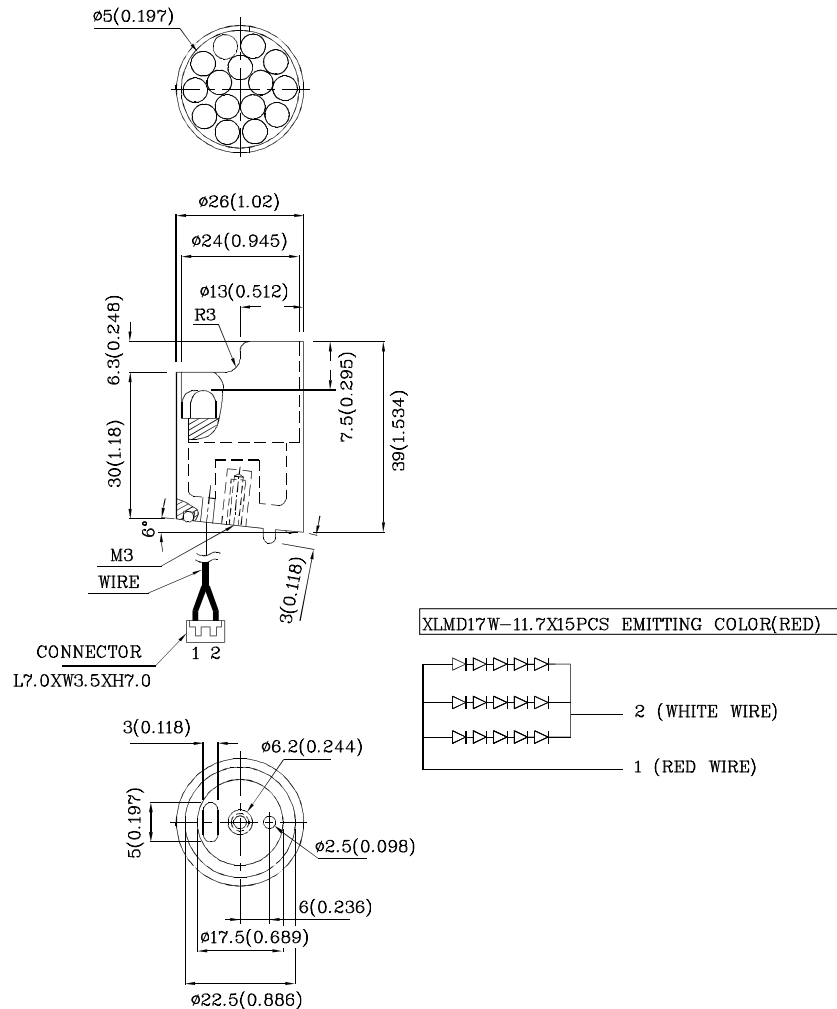


Features

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



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

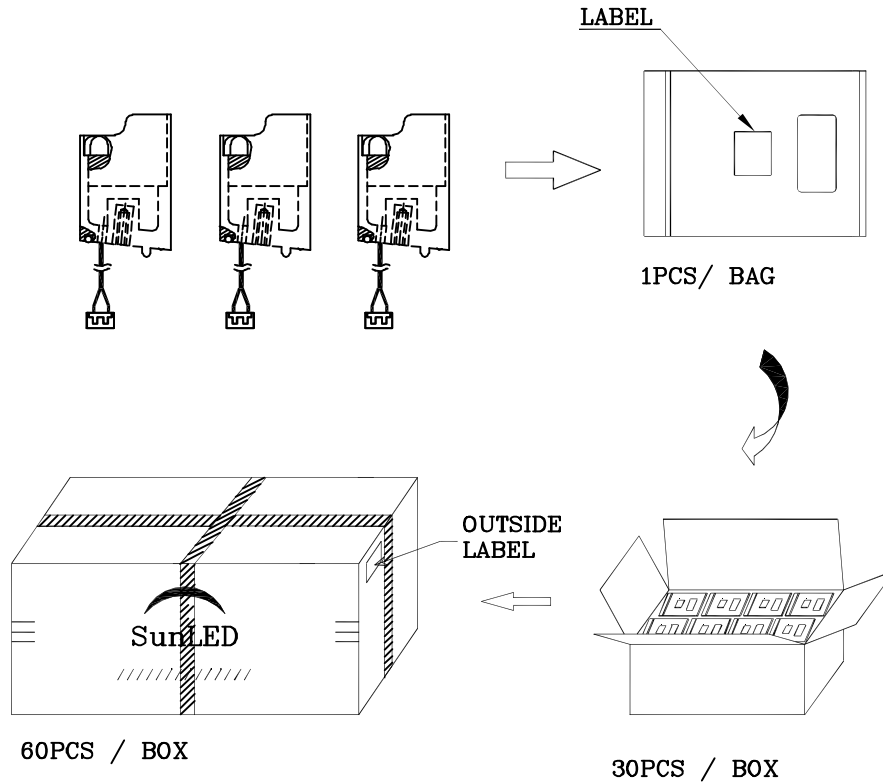

Symbol	Parameter	Device	Min	Typ.	Max.	Units	Test Conditions	
Iv	Luminous Intensity	XK15MDW51	12000	23990	-	mcd	If=60mA	
			3700*	7500*	-			
2 01/2	Viewing Angle		-	40	-	deg	-	
V _F	Forward Voltage		-	9.5	12.5	V	If=60mA	
λ _P	Peak Wavelength		-	650	645*	-	nm	If=60mA
λ _D	Dominant Wavelength		-	630	630*	-	nm	If=60mA
Δλ 1/2	Spectral Line Half-width		-	27		-	nm	If=60mA
I _R	Reverse Current		-	-	30	uA	V _R = 5V	

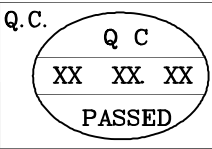

*Luminous intensity value and wavelength are in accordance with CIE127-2007 standards.

Absolute Maximum Ratings at TA=25°C

Parameter	Type	Units
Total Power dissipation	900	mW
Total DC Forward Current	90	mA
Reverse Voltage	5	V
Operating Temperature	-40°C To +70°C	
Storage Temperature	-40°C To +85°C	

PACKING & LABEL SPECIFICATIONS

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