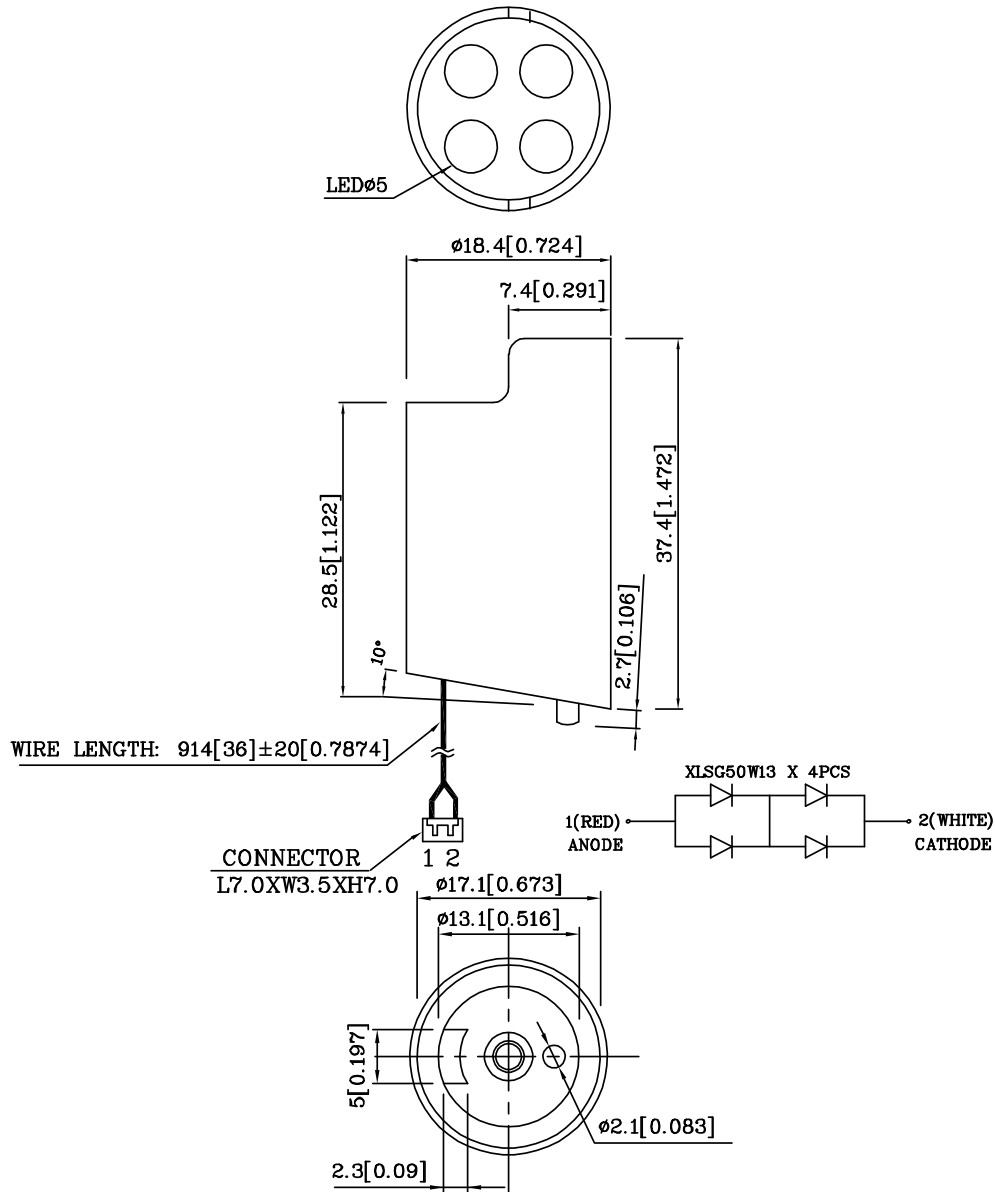


PRELIMINARY SPEC

**Features**

- NO. OF BUILT-IN 5mm LED LAMPS: GREEN 4PCS.
- WATERPROOF PACKAGE WITH HOOD SUITABLE FOR OUTDOOR AND INDOOR INFORMATION BOARDS.
- CAN PRODUCE ANY COLOR IN VISIBLE SPECTRUM,INCLUDING WHITE LIGHT.
- RoHS COMPLIANT.



Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm$  0.25(0.01") unless otherwise noted.

**Electrical / Optical Characteristics at TA=25°C**

Symbol	Parameter	Device	Min	Typ.	Max.	Units	Test Conditions
I <sub>V</sub>	Luminous Intensity	XK4SGW63	2800	4990	-	mcd	I <sub>F</sub> =40mA
2θ <sub>1/2</sub>	Viewing Angle		-	14	-	deg	-
V <sub>F</sub>	Forward Voltage		-	4.2	5	V	I <sub>F</sub> =40mA
λ <sub>P</sub>	Wavelength of Peak Emission		-	574	-	nm	I <sub>F</sub> =40mA
λ <sub>D</sub>	Wavelength of Dominant Emission		-	568	-	nm	I <sub>F</sub> =40mA
Δλ <sub>1/2</sub>	Spectral Line Full Width At Half-Maximum		-	26	-	nm	I <sub>F</sub> =40mA
I <sub>R</sub>	Reverse Current		-	-	20	uA	V <sub>R</sub> = 5V

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

Parameter	Type	Units
Power dissipation	250	mW
DC Forward Current	50	mA
Reverse Voltage	5	V
Operating Temperature	-40°C To +70°C	
Storage Temperature	-40°C To +85°C	