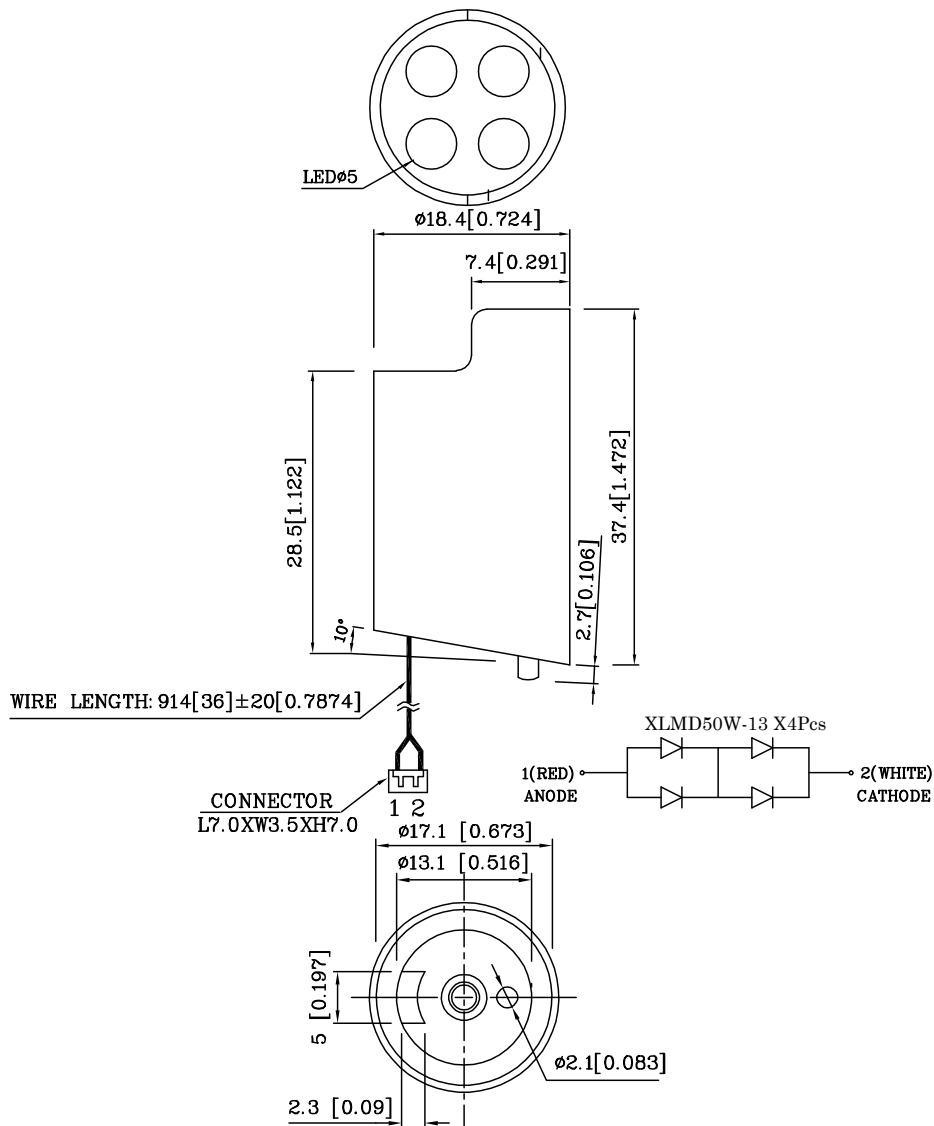


Features

- NO. OF BUILT-IN 5mm LED LAMPS: RED 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 ± 0.25(0.01") unless otherwise noted.

Electrical / Optical Characteristics at TA=25°C

Symbol	Parameter	Device	Min	Typ.	Max.	Units	Test Conditions
I _V	Luminous Intensity	XK4MDW62	6700	9190	-	mcd	I _F =40mA
2θ _{1/2}	Viewing Angle		-	14	-	deg	-
V _F	Forward Voltage		-	3.8	5.0	V	I _F =40mA
λ _P	Wavelength of Peak Emission		-	640	-	nm	I _F =40mA
λ _D	Wavelength of Dominant Emission		-	628	-	nm	I _F =40mA
Δλ _{1/2}	Spectral Line Full Width At Half-Maximum		-	27	-	nm	I _F =40mA
I _R	Reverse Current		-	-	20	uA	V _R = 5V

Absolute Maximum Ratings at TA=25°C

Parameter	Type	Units
Power dissipation	300	mW
DC Forward Current	60	mA
Reverse Voltage	5	V
Operating Temperature	-40°C To +70°C	
Storage Temperature	-40°C To +85°C	