OptoSupply
Light It Up

D6*L37 68V Warm White Tubular Power LED

OSM53002X1B-68VW

Ver.0

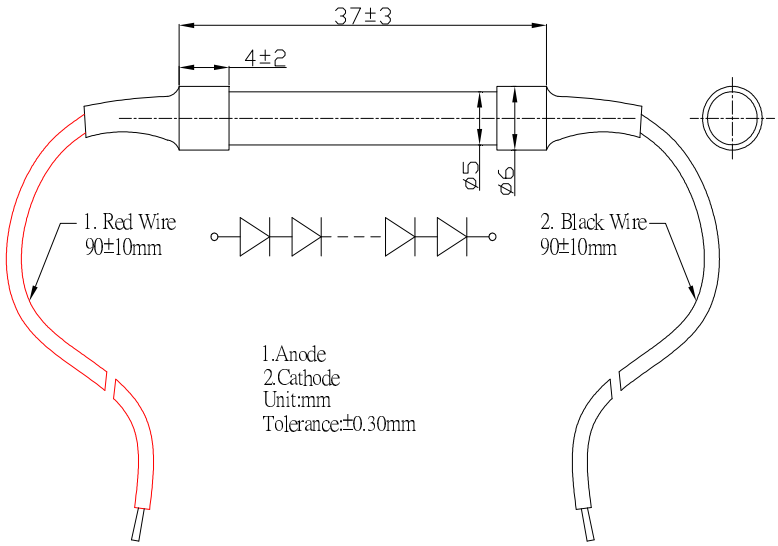
■Features

- High Luminous LEDs
- D6*L37 Tubular Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type

■Applications

- Electronic Signs And Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting

■Outline Dimension

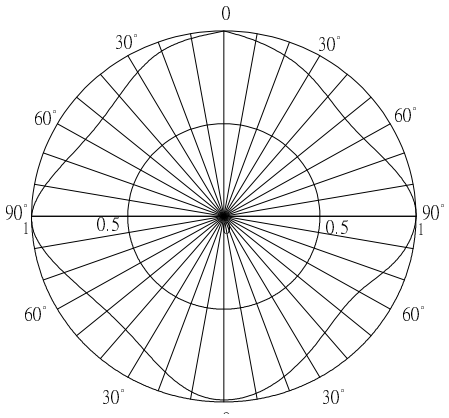


■Absolute Maximum Rating (Ta=25℃)

Item	Symbol	Value	Unit
DC Forward Current	I_F	12	mA
Pulse Forward Current*	I_{FP}	20	mA
Power Dissipation	P_D	900	mW
Operating Temperature	Topr	-30 ~ +85	℃
Storage Temperature	Tstg	-40~ +100	℃
Lead Soldering Temperature	Tsol	260℃/5sec	-

*Pulse width Max.10ms Duty ratio max 1/10

■Directivity



■Electrical -Optical Characteristics (Ta=25℃)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_F	I_F=10mA	65	68	75	V
DC Reverse Current	I_R	V_R=5V	-	-	10	μA
Luminous Flux	Φv	I_F=10mA	80	90	-	lm
Color Temperature	CCT	I_F=10mA	2700	3200	3700	K
Chromaticity Coordinates*	x	I_F=10mA	-	0.42	-	-
	y	I_F=10mA	-	0.39	-	-
50% Power Angle	2θ1/2	I_F=10mA	-	360	-	deg

*1 Luminous Flux Measurement allowance is ±15%

*2 Chromaticity Coordinates Measurement allowance is ±10

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