OptoSupply
Light It Up

D6*L37 Tubular Warm White 36V LED

OSM43002X1B-36VW

Ver.0

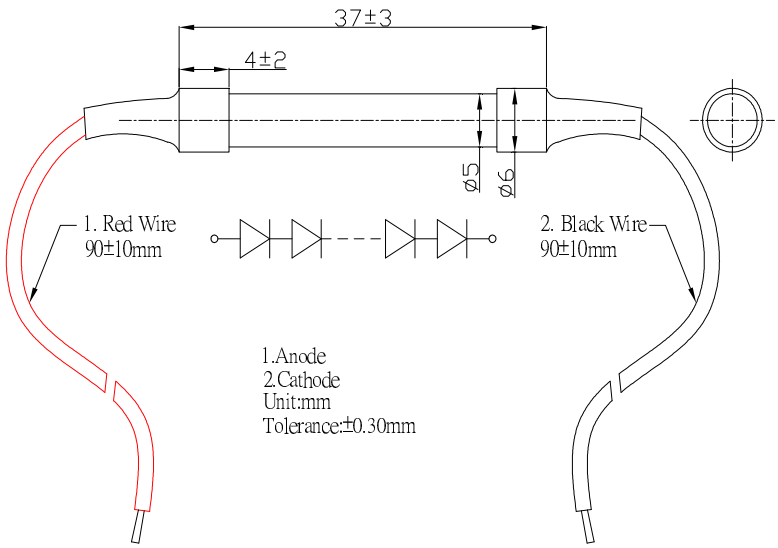
■Features

- 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

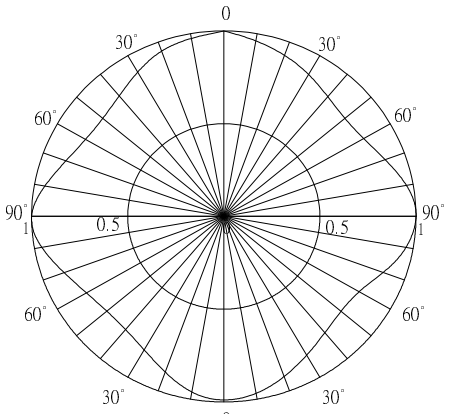


■Absolute Maximum Rating (Ta=25℃)

Item	Symbol	Value	Unit
DC Forward Current	I_F	20	mA
Pulse Forward Current*	I_{FP}	30	mA
Power Dissipation	P_D	880	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=15mA	34	36	44	V
DC Reverse Current	I_R	V_R=5V	-	-	10	μA
Luminous Flux	Φv	I_F=15mA	60	70	-	lm
Color Temperature	CCT	I_F=15mA	2200	2500	3000	K
Chromaticity Coordinates*	x	I_F=15mA	-	0.47	-	-
	y	I_F=15mA	-	0.40	-	-
50% Power Angle	2θ1/2	I_F=15mA	-	360	-	deg

*1 Luminous Flux Measurement allowance is ±15%

*2 Chromaticity Coordinates Measurement allowance is ±10

CNAS IAF www.optosupply.com RoHS Compliant REACH The new EU chemicals legislation
ATTENTION
OBSERVE PRECAUTIONS
ELECTROSTATIC
SENSITIVE DEVICES