OptoSupply
Light It Up

10mm Round Cool White LED

OSW6D4A4X1B

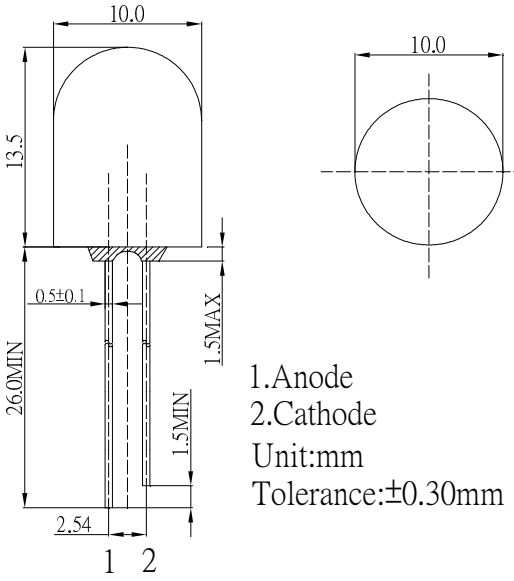
■Features

- High Luminous LEDs
- 10mm Round 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

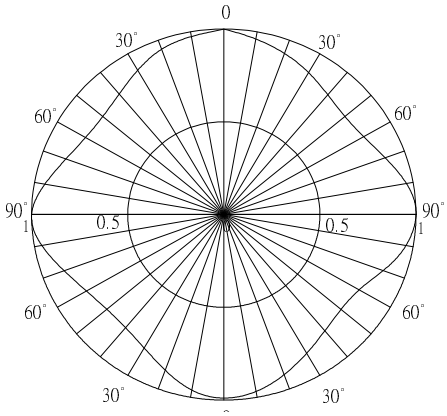


■Absolute Maximum Rating (Ta=25℃)

Item	Symbol	Value	Unit
DC Forward Current	I_F	20	mA
Pulse Forward Current*	I_{FP}	60	mA
Reverse Voltage	V_R	15	V
Power Dissipation	P_D	260	mW
Operating Temperature	Topr	-40~ +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=20mA	10	11	13	V
DC Reverse Current	I_R	V_R=5V	-	-	10	μA
Luminous Flux *	Φv	I_F=20mA	32	34	-	lm
Color Temperature	CCT	I_F=20mA	15000	20000	25000	K
Chromaticity Coordinates*	x	I_F=20mA	-	0.26	-	-
	y	I_F=20mA	-	0.25	-	-
50% Power Angle	$2\theta_{1/2}$	I_F=20mA	-	360	-	deg

*1 Luminous Flux Measurement allowance is ±15%

*2 Chromaticity Coordinates Measurement allowance is ±10

CNAS IAF ISO 9001: 2008
RoHS Compliant EU2002/95/EC www.optosupply.com
REACH The new EU chemicals legislation
ATTENTION
OBSERVE PRECAUTIONS ELECTROSTATIC SENSITIVE DEVICES