EN: This Datasheet/Document is presented by the manufacturer.

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OptoSupply
Light It Up

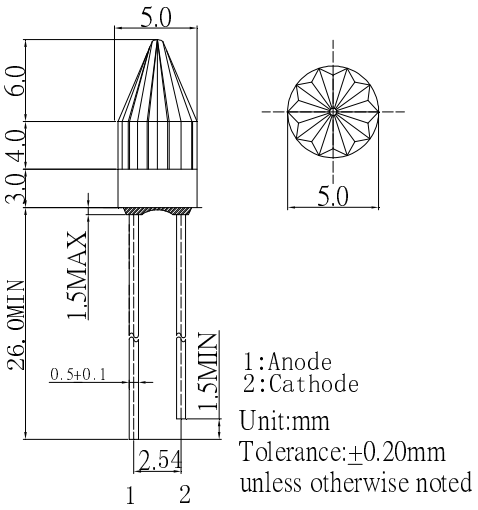
5mm Rocket Candle Light Flashing LED

OSXXXK58A1B

■Features

- High Luminous LEDs
- 5mm Rocket Standard Directivity
- Candle Flashing Type
- Water Clear

■Outline Dimension



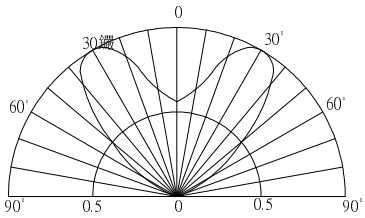
■Applications

- Toys
- Games
- Audio
- Other Lighting

■Absolute Maximum Rating (Ta=25℃)

Item	Symbol	Value	Unit
Power Supply	Voltage	5.0	V
Operating Temperature	Topr	-30 ~ +85	℃
Storage Temperature	Tstg	-40~ +100	℃
Lead Soldering Temperature	Tsol	260℃/5sec	-

■Directivity



■Electrical -Optical Characteristics (Ta=25℃)

Part Number	Color			V_F (V)*			Iv(mcd)*			CCT(K)/λD(nm)*			2θ1/2 (deg)
				Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				I_F=20mA			I_F=20mA						
OS5WDK58A1B	White	W		2.5	3.3	5.0	750	1120	-	8500-18000K(X:0.27,Y:0.28)			100
OS5MDK58A1B	Warm White	M		2.5	3.3	5.0	500	750	-	2700-3300K(X:0.45,Y:0.41)			100
OS2MDK58A1B	Warm White	M		2.5	3.3	5.0	500	750	-	2000-2400K(X:0.51,Y:0.41)			100
OS5KDK58A1B	Pink	K5		2.5	3.3	5.0	100	150	-	X=0.45,Y=0.17			100
OSB5SK58A1B	Blue	B		2.5	3.3	5.0	150	220	-	465	470	475	100
OSG5DK58A1B	Pure Green	PG		2.5	3.3	5.0	750	1120	-	520	525	530	100
OSY5MK58A1B	Yellow	Y		2.5	3.3	5.0	750	1120	-	585	590	595	100
OSR5MK58A1B	Red	R		2.5	3.3	5.0	750	1120	-	620	625	630	100

*1 Tolerance of measurements of Chromaticity coordinates is ±10%
*2 Tolerance of measurements of Dominant wavelength is ±1nm
*3 Tolerance of measurements of Luminous intensity is ±15%
*4 Tolerance of measurements of Forward voltage is ±0.1V
*5 Tolerance of measurements of Frequency is ±20%

LED & Application Technologies

CNAS IAF ISO 9001: 2008

RoHS Compliant EU 2002/95/EC

REACH The new EU chemicals legislation

ATTENTION
OBSERVE PRECAUTIONS
ELECTROSTATIC
SENSITIVE DEVICES