

SHENZHEN SINOTAI IMPORT & EXPORT CO.,LTD

深圳市斯诺泰进出口有限公司

Product Confirmation

DATE: 2006/11/06

Customer	RadioShack				Model No.		O-SLM-W102(White)			
Criticism Record	No.	1	2	3	4	5	6	7	8	版本: A3
	Date									

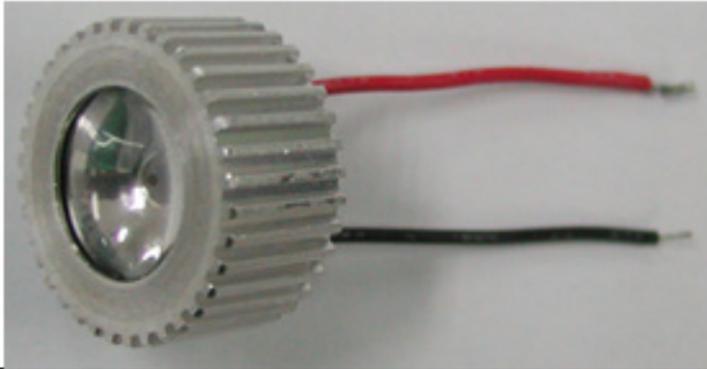
UNIT: mm

Specification Information

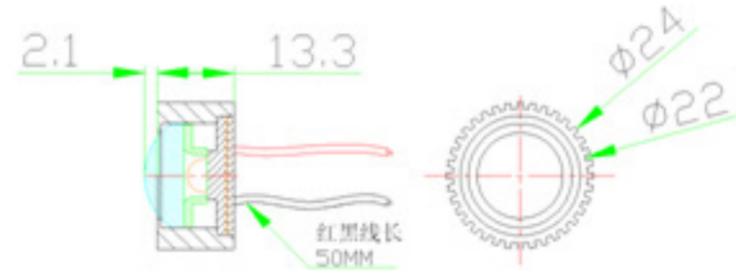
1. Wavelength: 5000K±500K
2. Operation power: 1W
3. Circuit: ACC
4. Weight: 11±1g
5. Length: 11.8±0.1MM
6. Operation Voltage: 4.5V DC
7. Operation Current: 350mA±10%
8. Operating Time: general 3A battery over 4 hours
9. Luminous Angle 40°±10%
10. Brightness > 2000 Lux (The distance is 10cm)
11. Life Time: 50,000Hrs

ITEM:	1W LED MODULE	ITEM NO:	V. : A1	PAGE: 1/1
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Product Image



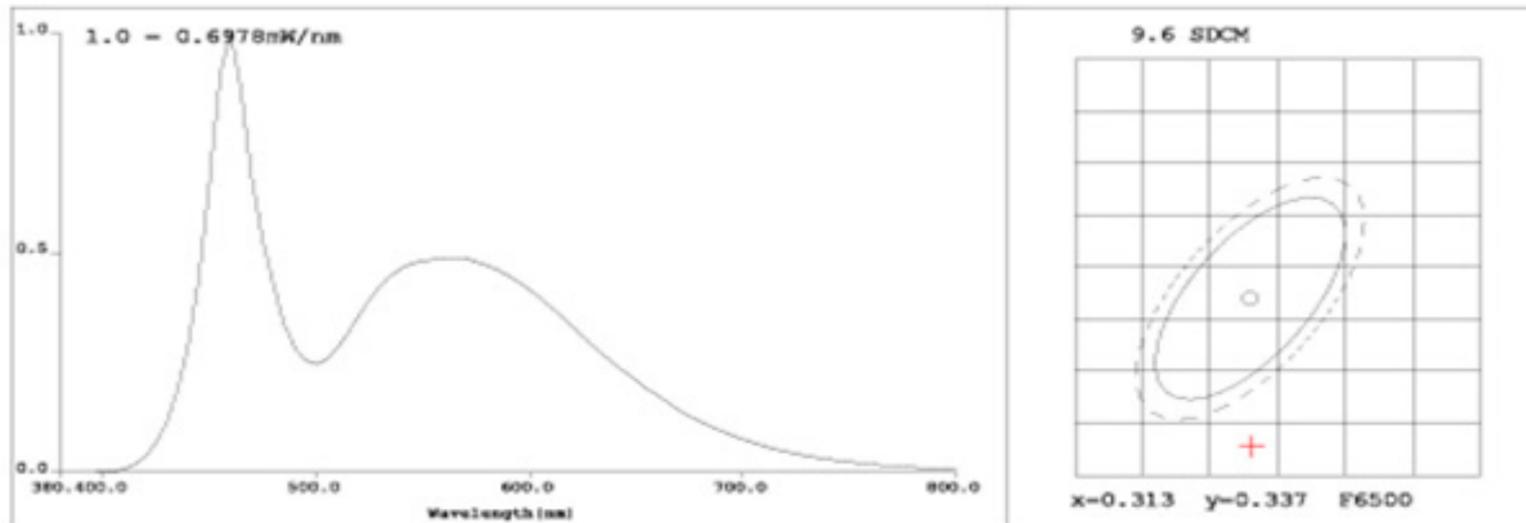
Product Dimension



Spectrophotometer Test Report

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Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.3131$ $y=0.3228$ $u=0.2005$ $v=0.3100$ ($duv=-2.53e-004$)CCT: $T_c=6530K$ Prcp WaveL: $d\lambda 484.7nm$ Purity=7.7%Peak WaveL: $\lambda=460nm$ Half Width: $\Delta\lambda 30.1nm$ Ratio: R=13.8% G=79.4% B=6.8%

Average Wave: 543nm

Rendering Index: $R_a=83.5$

R1 =83 R2 =94 R3 =93 R4 =75 R5 =81 R6 =85 R7 =85 R8 =71

R9 =22 R10=80 R11=71 R12=57 R13=88 R14=97 R15=82

Photo Parameters:

Flux: $\Phi 21.306(lm)$ Luminous Efficacy: 12.56(lm/W) Luminous Power: $P=72.34(mW)$

Electrical Parameters:

U=4.499V I=0.3770A P=1.696W PF=1.000

Instrument Status:

Scan Range: 380.0nm-800.0nm
REF = 22214Interval: 5.0nm
 $\lambda = -4.169\%$ Ip = 45743(G=3, D=53)
TMP(PMT) = 26.9degrees centigradeProduct Type: 20080523 1w
Instrument: PMS-50 System
Temperature: 28.5deg
Test Operator: TOMManufacturer:
Test Department: rd
Humidity: 65.0%
Test Date: 2008-05-23 10:59