



YJM LIGHT CO.,LTD

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Product Specification Sheet



Commodity: Power LED Bulb

Item No: YJM-JDR-1W3

Version No.: 0807

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ADD: Block5,North, Shangxue Ind Park,Bantian, Longgang, Shenzhen, G.D. 518129, China



High power LED bulb

Idea replacement for traditional energy saving bulbs

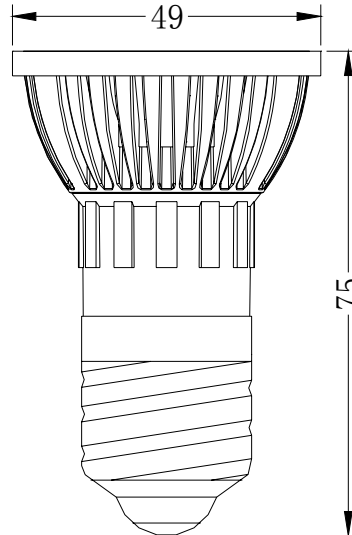
Feature:

- 1) Energy-saving and environment-friendly
- 2) Full range of colors: cool white, warm white, red, blue, green and yellow
- 3) Superior thermal management with internal copper heat conductor and external aluminum housing
- 4) Light source:1W high power LED
- 5) Beam angle: 30 / 60 degrees (glass lens, optical grade)
- 6) Body temperature: less than 53 degrees Celsius
- 7) LED working temperature: less than 62 degrees Celsius
- 8) Temperature: -40 ~ 70 degrees Celsius
- 9) Brightness degradation: 3% - 5%1kh
- 10) No UV or IR radiation
- 11)aluminium structure and Chrome finish,porcelain base, better heat dissipation performance

Application:

Replacement bulbs for general lighting, especially for museums, art galleries, cosmetic counters where UV or IR radiation is undesirable.

Dimension



Basic specification

Part No.	JDR-1W3	
Parameter	JDR-1W3	
Dimension(mm)	Φ49×75	
Main material	plating aluminium	
Power consumption(W)	4±10%	
Input current(mA)	29±5%	
Input voltage(V)	230	
LED quantity(Pc)	3	
LED type	High power SMD	
Color	Warm White	White
Luminous flux(Lm)	120±10%	150±10%
Color temperature(K)	2800-3300	5500-6000
Rendering index	80±5	
Socket type	E27	
Weight(kg)	0.060±0.002	
Life expectancy(h)	50,000	

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Installation Instruction:

- 1) AC85~265V working directly
- 2) Operating temperatureL-35-+45degrees

Product Warranty:

The validity of the product warranty is subject to the correct storage, installation, operation and maintenance of this product. Failing to comply with the storage, installation operation and maintenance routines will make the warranty invalid.

Notice:

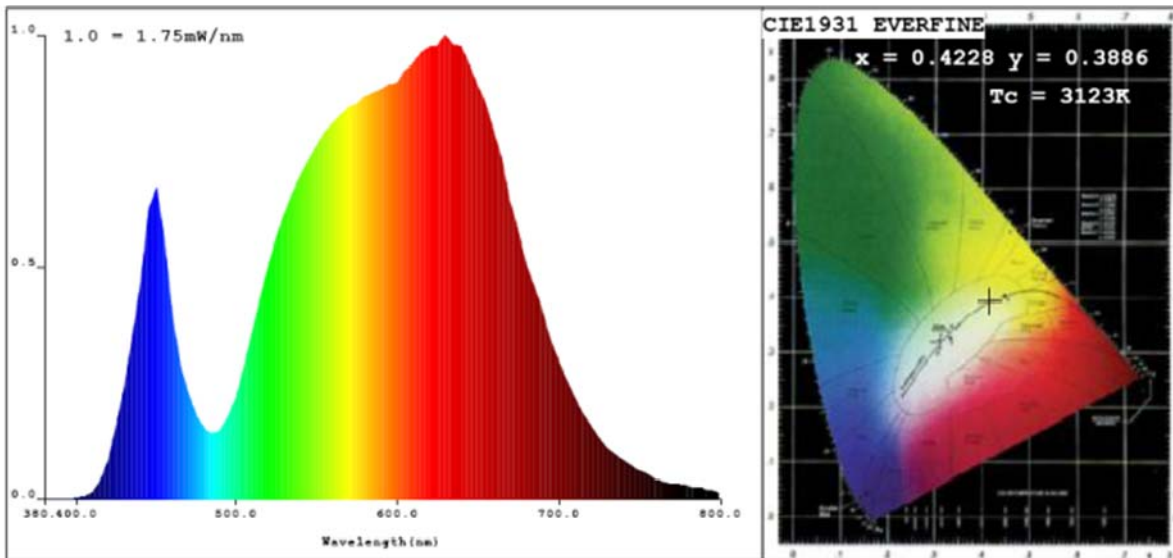
- 1) No pressing or striking
- 2) Transport and handle carefully
- 3) Pay attention to the voltage before using
- 4) Indoor use only
- 5) No twisting when power is on

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Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.4228$ $y=0.3886$ / $u=0.2481$ $v=0.3420$ ($duv=-4.26e$)
 CCT: $T_c=3123K$ Prcp WaveL: $\lambda_d=584.1nm$ Purity=43.5%
 Peak WaveL: $\lambda_p=630nm$ Half Width: $\Delta\lambda_p=161.2nm$ Ratio: R=22.7% G=75.2% B=2.1%
 Average Wave: 596nm
 Rendering Index: Ra=85.0
 R1 =86 R2 =88 R3 =86 R4 =84 R5 =84 R6 =81 R7 =89 R8 =82
 R9 =56 R10=69 R11=81 R12=62 R13=86 R14=91 R15=87

Photo Parameters:

Flux: $\Phi=120.51(lm)$ Luminous Efficacy: 30.67(lm/W) Luminous Power: P=316.4 (mW)

Electrical Parameters:

U=238.6V I=0.0290A P=4.080W PF=0.572

Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm Ip = 24299 (G=6, D=54)
 REF = 5049 TMP (PMT) = 25.0degrees centigrade Test Mode: Fast Test

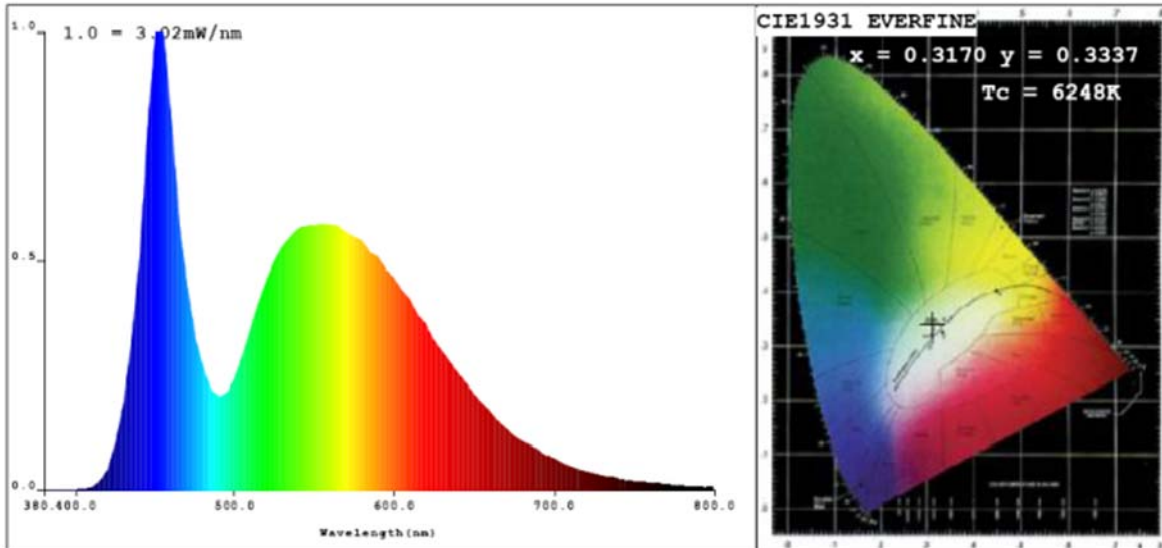
Product Type: E27-C1W3-WW-30D
 Instrument: PMS-50 System
 Temperature: 21.7deg
 Test Operator: JACK-DQ

Manufacturer: YJM
 Test Department: YJM
 Humidity: 65.0%
 Test Date: 2008-04-02 17:30

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Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.3170$ $y=0.3337$ / $u=0.1991$ $v=0.3143$ ($duv=3.43e-$

CCT: $T_c=6248K$ Prcp WaveL: $\lambda_d=492.0nm$ Purity=5.5%

Peak WaveL: $\lambda_p=450nm$ Half Width: $\Delta\lambda_p=28.1nm$ Ratio: $R=12.9\%$ $G=82.2\%$ $B=4.9\%$

Average Wave: 545nm

Rendering Index: $R_a=77.4$

$R_1=75$ $R_2=82$ $R_3=84$ $R_4=76$ $R_5=75$ $R_6=74$ $R_7=86$ $R_8=66$

$R_9=-8$ $R_{10}=55$ $R_{11}=72$ $R_{12}=47$ $R_{13}=77$ $R_{14}=91$ $R_{15}=72$

Photo Parameters:

Flux: $\Phi=147.36(lm)$ Luminous Efficacy: 35.57(lm/W) Luminous Power: $P=339.2(mW)$

Electrical Parameters:

$U=232.6V$ $I=0.0210A$ $P=4.160W$ $PF=0.836$

Instrument Status:

Scan Range: 380.0nm-800.0nm

Interval: 5.0nm

$I_p=64540(G=6,D=52)$

REF = 5778

$TMP(PMT)=23.3degrees$ centigrade Test Mode: Fast Test

Product Type: E27-1W3-W-30D

Instrument: PMS-50 System

Temperature: 20.8deg

Test Operator: JACK-DO

Manufacturer: YJM

Test Department: YJM

Humidity: 65.0%

Test Date: 2008-04-03 15:19

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