

Model: J78 120W

Document List

1. CE (LVD, EMC , EN 62471)
2. RoHS (Certification to proof MERCURY free)
3. REACH
4. Product Specifications
 - Dimension
 - Weight
 - Light Source (How many LEDs)
 - Luminance
 - Candela
 - Voltage
 - Watt
 - Lumen / Watt
 - Beam angle
 - Ra (CRI)
 - Functions (Dimmable / Non-Dimmable)
 - <<Other specifications needed>>
5. Photometric test report

No.: 20140625065a

Name: CE Lighting Ltd.

Head office address: Keji South 12th Road, Shenzhen High-Tech Industrial Park, Shenzhen, P.R.China.

EU DECLARATION OF CONFORMITY

The EU Directives covered by this Declaration

73/23/EEC Low Voltage Equipment Directive, amended by 93/68/EEC & 2014/35/EU

The Products Covered by this Declaration

Halogen Lamp: J78 120W

The Basis on which Conformity is being declared

The product identified above complies with the requirements of the above EU Directives by meeting the following standards:

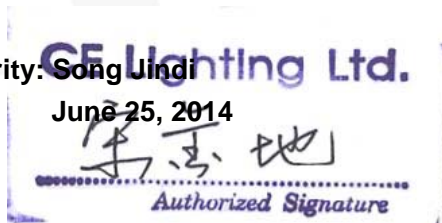
EN 60432-2:2000/A1:2005

The technical documentation required to demonstrate that the product meets the requirements of the Low Voltage Directive has been complied by the signatory below and is available for inspection by the relevant enforcement authorities. The CE mark was first applied in: June 25, 2014

The products described above comply with the essential requirements of the directives specified.

Authority: **Song Jindi**

Date: **June 25, 2014**



Authorized Signature

CE Lighting Ltd.

深圳市中电照明股份有限公司

深圳高新技术产业园区路照明中心 邮编: 518057

Lighting House, Shenzhen High-Tech Industrial Park, Shenzhen, 518057 China

Tel: +86 755 3008 0000 F: +86 755 3008 0000 E: cel@landlite.com W: www.landlite.com



RoHS Product Compliance Confirmation

Company : CE Lighting Ltd.

Address: Lighting House, Keji South 12th Road, Shenzhen High –Tech Industrial Park, Shenzhen , China

We certify that the product as the following supplied conform to the EU Directive 2002/95/EC “RoHS”(Restriction of Hazardous Substances) updated by Directive 2011/65/EU that requires a maximum concentration value of up to 0.1% by weight in homogeneous materials for Lead, Mercury, Hexavalent chromium, PBB and PBDE and 0.01% by weight in homogenous material for Cadmium and Mercury is free.

Product Model:

Halogen Lamp: J78 120W

Authority: Song Jindi

Date: June 25, 2014

A rectangular stamp containing a handwritten signature in Chinese characters '宋京地' (Song Jindi) and the text 'Authorized Signature' below it.

CE Lighting Ltd.

深圳市中电照明股份有限公司

深圳高新技术产业园区路照明中心 邮编: 518057
Lighting House, Shenzhen High-Tech Industrial Park, Shenzhen, 518057 China



REACH Product Compliance Confirmation

Company: CE Lighting Ltd.

Address: Lighting House, Keji South 12th Road, Shenzhen High -Tech Industrial Park, Shenzhen , China

We certify that the product Halogen Lamp:

Halogen Lamp:J78 120W

confirms to the EU Directive EC 1272/2008 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals(REACH) and do not contain Substances of Very High Concern from the SVHC List, in a concentration of above 0.1%.

Authority: Song Jindi

Date: June 25, 2014

CE Lighting Ltd.

Authorized Signature

CE Lighting Ltd.

深圳市中电照明股份有限公司

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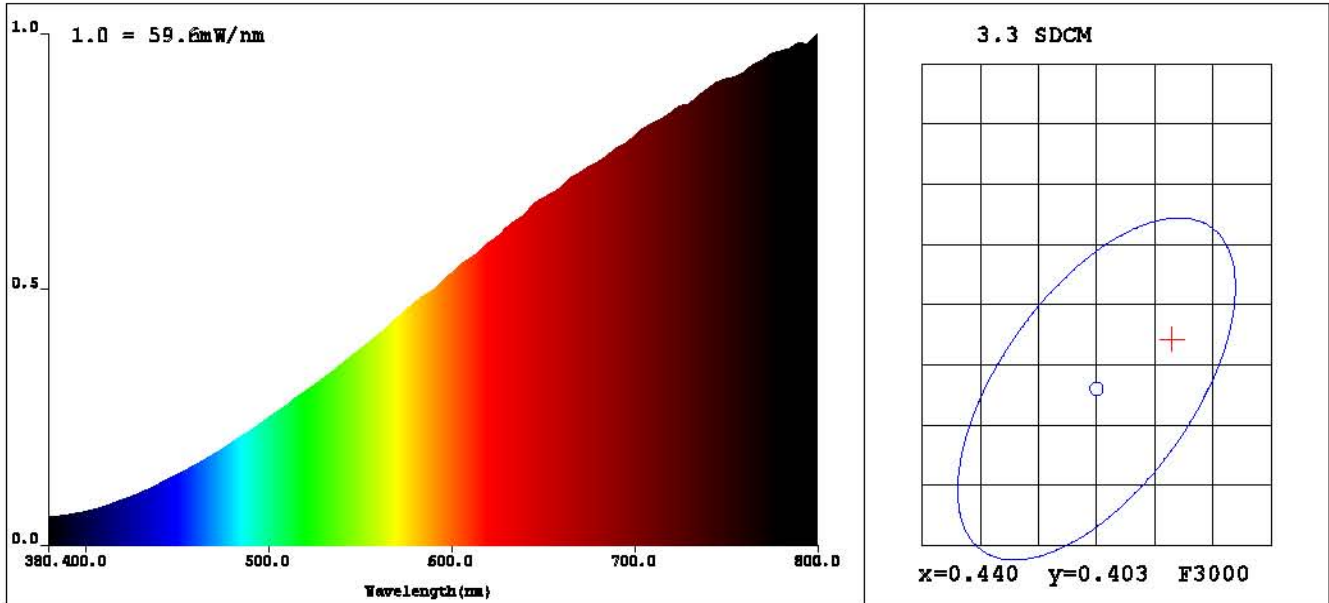
Halogen SPEC.

Art No.	HALOGEN J78 120W
MOQ	/
USD FOB	/

Bulb shape	J78
Socket	R7s
Surface (clear/frosted)	Clear
Dimmable	Yes
Lumen/candela	2250lm
Lumen/Watt	19lm/w
Watt	120W
Kelvin	2900K
Beam Angle (if applicable)	/
Voltage	240V
Lifetime in hours (minimum)	2000h
No. of switches (on/off)	>8000
Lamp measurement in mm (ϕ / height)	8x78mm / mm
CE/LVD	YES
RoHS	YES
REACH	YES
ERP (Energy related products)	C

Sample/Image available	
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Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.4465$ $y=0.4071$ / $u'=0.2554$ $v'=0.5240$ ($duv=-3.83e-006$)

CCT: $T_c=2870K$ Prcp WaveL: $c\lambda=583.4nm$ Purity=56.2%

Peak WaveL: $\lambda=800nm$ Half Width: $\Delta\lambda=196.8nm$ Ratio: R=25.4% G=71.4% B=3.2%

Average Wave: 680nm

Rendering Index: Ra=99.9

R1 =100 R2 =100 R3 =100 R4 =100 R5 =100 R6 =100 R7 =100 R8 =100

R9 =100 R10=100 R11=100 R12=100 R13=100 R14=100 R15=100

Photo Parameters:

Flux: $\Phi=2229.0(lm)$ Luminous Efficacy: 17.93(lm/W) Radiant Power: $P=12.68(W)$

Electrical Parameters:

U=240.0V I=0.5201A P=124.3W PF=1.000

Instrument Status:

Scan Range: 380.0nm-800.0nm
REF = 3880

Interval: 5.0nm
% = -0.344%

Ip = 5140(G=3,D=55)
TMP (PMT) = 27.4(deg.celsius)

J管灯 120W 78MM 240V

Product Type: J管灯 120W 78MM 240V Manufacturer: CEL
Instrument: PMS-50 System Test Department: CEL LAB
Temperature: 25.0deg Humidity: 65.0%
Test Operator: CKS Test Date: 2014-06-25 10:17