

LED Bulb

SC-QP03-003-AW

Electricity Parameter

Rated voltage: AC100-240V 50-60Hz

Rated wattage: 3W

LED type: Cree & Edsion

Application environment: -20°C - +40°C

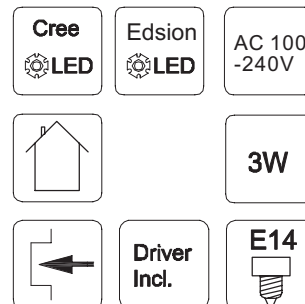
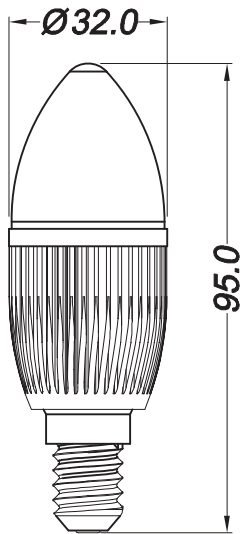


Application

Most common areas of application are decoration and illumination for households, hotels, entertainment venues.



Dimensions (Unit: mm)



SC-QP03-003-AW

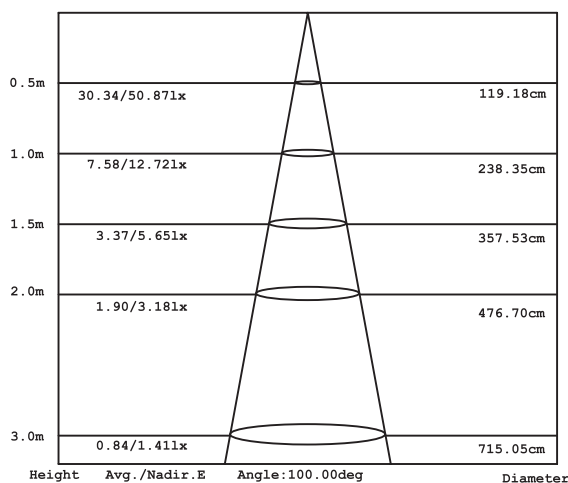
Absolute Maximum Rating

Parameter	Rating	Unit
Aluminum Heat sink Temperature	48	°C
Operating Temperature	-20 - 40	°C
Storage Temperature	-20 - 80	°C
Equilibrium Temperature	32	°C

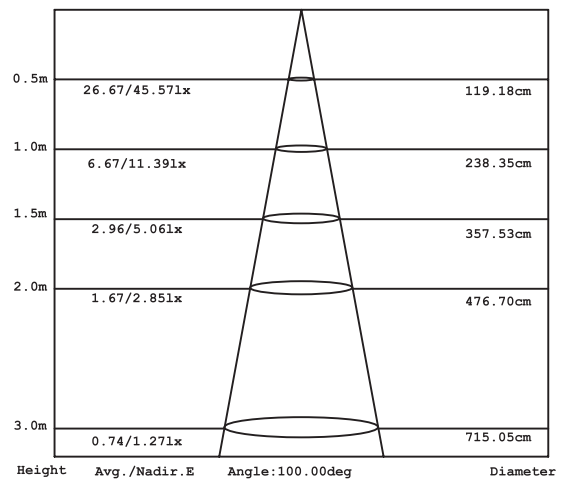
Specifications

Model Number	Color	LED Type	Light Output (lm)	Power Consumption	Voltage
SC-QP03-003-AW-W-01	White	CreeXPE	125	3W	AC100-240V
SC-QP03-003-AW-WW-01	Warm White		103		
SC-QP03-003-AW-W-02	White	Edsion	112		
SC-QP03-003-AW-WW-02	Warm White		98		

Average Illuminance Figure

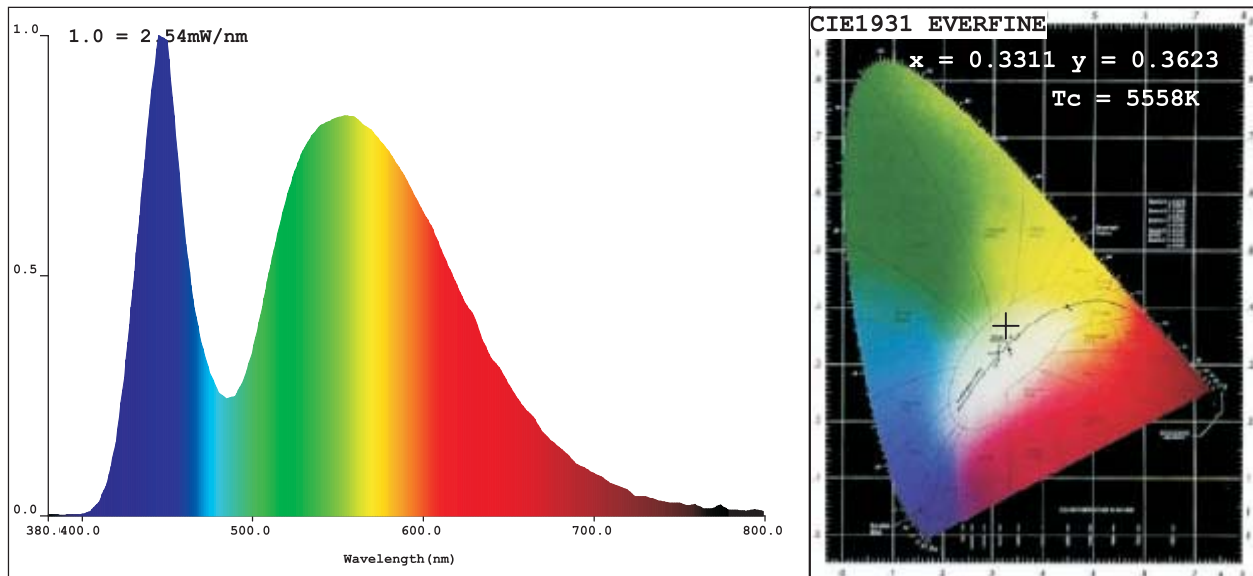


Average Illuminance Figure



SC-QP03-003-AW-W-01

Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.3311$ $y=0.3623$ $u'=0.1981$ $v'=0.4878$ ($duv=1.11$)

CCT: $T_c = 5558K$ Prcp WaveL: $\lambda_d=550.7nm$ Purity=8.2%

Peak WaveL: $\lambda_p=445nm$ Half Width: $\Delta\lambda_p=32.5nm$ Ratio: R=12.5% G=83.8% B=3.6%

Average Wave: 549nm

Rendering Index: $R_a=70.9$

R1 =66 R2 =75 R3 =82 R4 =71 R5 =68 R6 =67 R7 =82 R8 =56

R9 =0 R10=41 R11=67 R12=45 R13=67 R14=90 R15=60

Photo Parameters:

Flux: $\Phi=124.74(lm)$ Luminous Efficacy: 44.88(lm/W) Luminous Power: $P=373.8(mW)$

Electrical Parameters:

U=222.5V I=0.0300A P=2.779W PF=0.416

Instrument Status:

Scan Range: 380.0nm-800.0nm
REF = 2762

Interval: 5.0nm

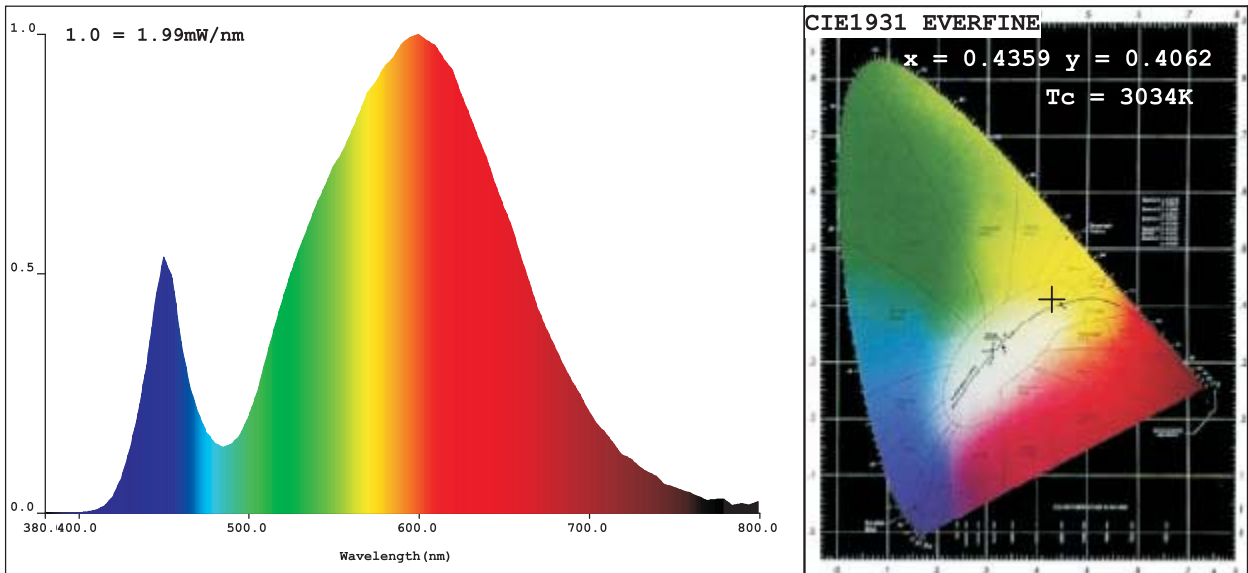
TMP (PMT) = 34.6(deg.celsius)

$I_p = 39522$ (G=6, D=89)

Test Mode: Fast Test

SC-QP03-003-AW-WW-01

Light Source Test Report


CIE Color Parameters:

 Chromaticity Coordinate: $x=0.4359$ $y=0.4062/u'=0.2490$ $v'=0.5221$ ($duv=9.96$)

 CCT: $T_c=3034K$ Prcp WaveL: $\lambda_d=582.3nm$ Purity=52.8%

 Peak WaveL: $\lambda_p=600nm$ Half Width: $\Delta\lambda_p=138.7nm$ Ratio: R=21.8% G=76.3% B=1.9%

Average Wave: 591nm

 Rendering Index: $R_a=77.0$

R1 =75 R2 =84 R3 =91 R4 =74 R5 =73 R6 =77 R7 =84 R8 =59

R9 =1 R10=62 R11=68 R12=51 R13=76 R14=94 R15=70

Photo Parameters:

 Flux: $\Phi=103.18(lm)$ Luminous Efficacy: 37.37(lm/W) Luminous Power: $P=316.7(mW)$
Electrical Parameters:

U=222.8V I=0.0298A P=2.761W PF=0.416

Instrument Status:

 Scan Range: 380.0nm-800.0nm
 REF = 2297

Interval: 5.0nm

TMP (PMT) = 35.1(deg.celsius)

 $I_p = 17431(G=6,D=86)$

Test Mode: Fast Test

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