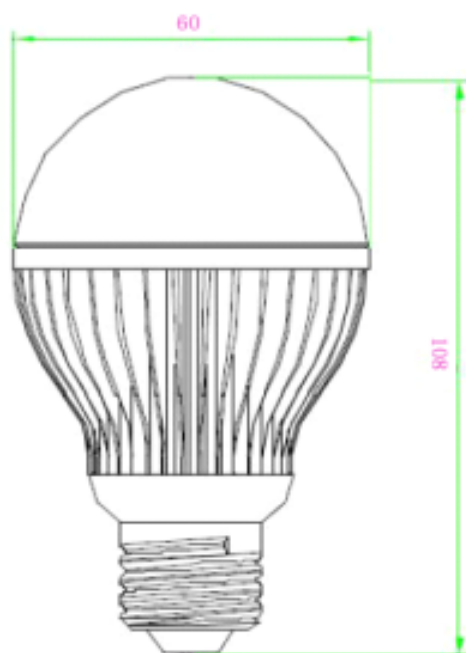




LED Bulb Serial Product

5W LED G60 Bulb (Type : JYD-SMG60-5XW)



中山市劲野照明有限公司

地址：广东省中山市古镇镇海州胜利二路三号楼2层

Page-1- 8 电话：0760-86907962 传真：0760-22380042

手机：13480117378（焦先生） 13528182699（夏先生）



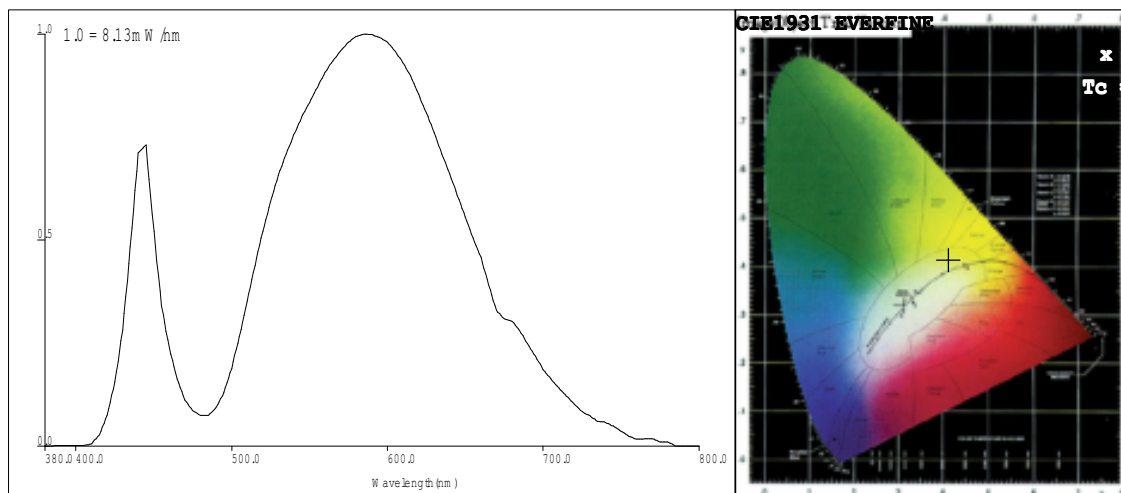
## SMG60-5XW Product Specification

|                                |                                   |               |               |           |
|--------------------------------|-----------------------------------|---------------|---------------|-----------|
| Description                    | 5W LED G60 Bulb Light             |               |               |           |
| Model Number                   | SMG60-5WW                         | SMG60-5NW     | SMG60-5CW     | Units     |
| CCT(°K)                        | 3000K±10%                         | 4500K±10%     | 6000K±10%     |           |
| Input Voltage                  | AC 85~265 V                       |               |               | V         |
| Input Frequency                | 50~60 Hz                          |               |               | Hz        |
| Power Factor                   | >0.45                             |               |               | ---       |
| Power Consumption              | Typical: 6W Maximum:6.5W          |               |               | W         |
| LED Operating Voltage          | DC 15-18V                         |               |               | V         |
| LED Operating Current          | 350 Ma±5%                         |               |               | Ma        |
| Emission Angle                 | 120° ±5°                          |               |               | Degree    |
| Average Illuminance at 1M      | 21Lx ± 5Lx                        | 84Lx ± 5Lx    | 106Lx ± 5Lx   | Lx        |
| Average Illuminance at 2M      | 5Lx ± 2Lx                         | 21Lx ± 5Lx    | 26Lx ± 5Lx    | Lx        |
| LED Luminous Flux (lm)         | 450 lm ±50 lm                     | 500 lm ±50 lm | 500 lm ±50 lm | lm        |
| CRI                            | Ra>70 (WW)                        | Ra>70 (NW)    | Ra>70(CW)     | %         |
| Operating Temperature          | - 20℃ ~ 60℃                       |               |               | ℃         |
| Housing Temperature            | ≤60℃                              |               |               | ℃         |
| Operating Humidity             | <85% Non condensed                |               |               | %         |
| MTBF <sup>(1)</sup>            | >30,000Hr                         |               |               | Hr        |
| Dimension / Weight             | φ 60mm ×110mm /0.095kg            |               |               | Mm/Kg     |
| Box Size / Weight              | 71*71*125mm / 0.130Kg             |               |               | Mm/Kg     |
| Carton Size / Weight /Quantity | 56*43*32CM / 13kg / 84pcs         |               |               | Cm/Kg/Pcs |
| Housing Color                  | Silver /Golden/Black/...          |               |               |           |
| Base Type                      | E27 / E26 / B22 / GU10(Available) |               |               |           |

<sup>(1)</sup> MTBF (Mean Time Between Failure) will effect by Power Driver.



## Light Source Test Report



### CIE Color Parameters:

Chromaticity Coordinate:  $x=0.4188$   $y=0.4072$   $u=0.2377$   $v=0.3466$  ( $duv=4.22e-003$ )

CCT:  $T_c=3353K$  Prcp WaveL:  $\lambda_d=579.9nm$  Purity=47.9%

Peak WaveL:  $\lambda_p=585nm$  Half Width:  $\Delta\lambda_p=136.7nm$  Ratio:  $R=19.1\%$   $G=79.5\%$   $B=1.4\%$

Average Wave: 582nm

CLASS: OUT

Rendering Index:  $R_a=70.7$

$R_1=68$   $R_2=76$   $R_3=83$   $R_4=70$   $R_5=66$   $R_6=66$   $R_7=81$   $R_8=54$

$R_9=-19$   $R_{10}=44$   $R_{11}=64$   $R_{12}=37$   $R_{13}=69$   $R_{14}=90$   $R_{15}=63$

### Photo Parameters:

Flux:  $\Phi=449.17(lm)$  Luminous Efficacy: 0.00(lm/W) Luminous Power:  $P=1.299(W)$

### Electrical Parameters:

$U=0.0V$   $I=0.0A$   $P=0.0W$   $PF=1.000$

#### Instrument Status:

Scan Range: 380.0nm-800.0nm  
REF = 27814

Interval: 5.0nm  
% = 0.000%

$I_p = 2295(G=2, D=53)$

TMP(PMT) = 32.3degrees centigrade

Product Type: LED  
Instrument: PMS-50 System  
Temperature: 32.5deg  
Test Operator: YAN

Manufacturer: EVERFINE  
Test Department: P  
Humidity: 65.0%  
Test Date: 2010-08-25



### LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

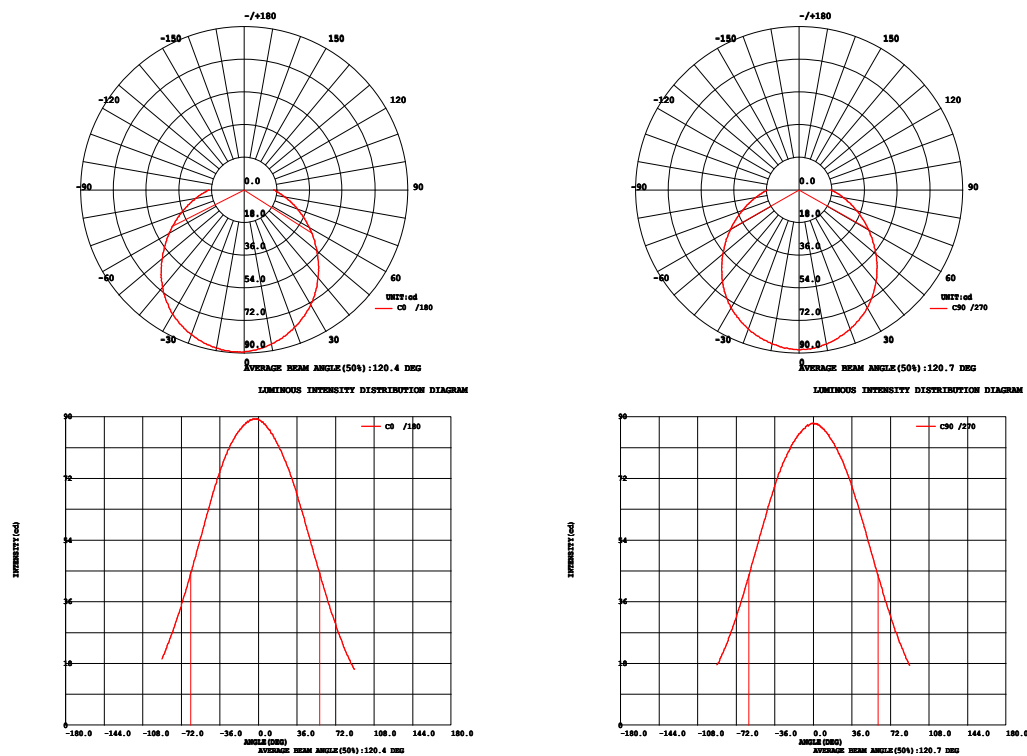


Fig. C0/C180

Fig. C90/C270

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: 001  
Test Date: 2010-08-25

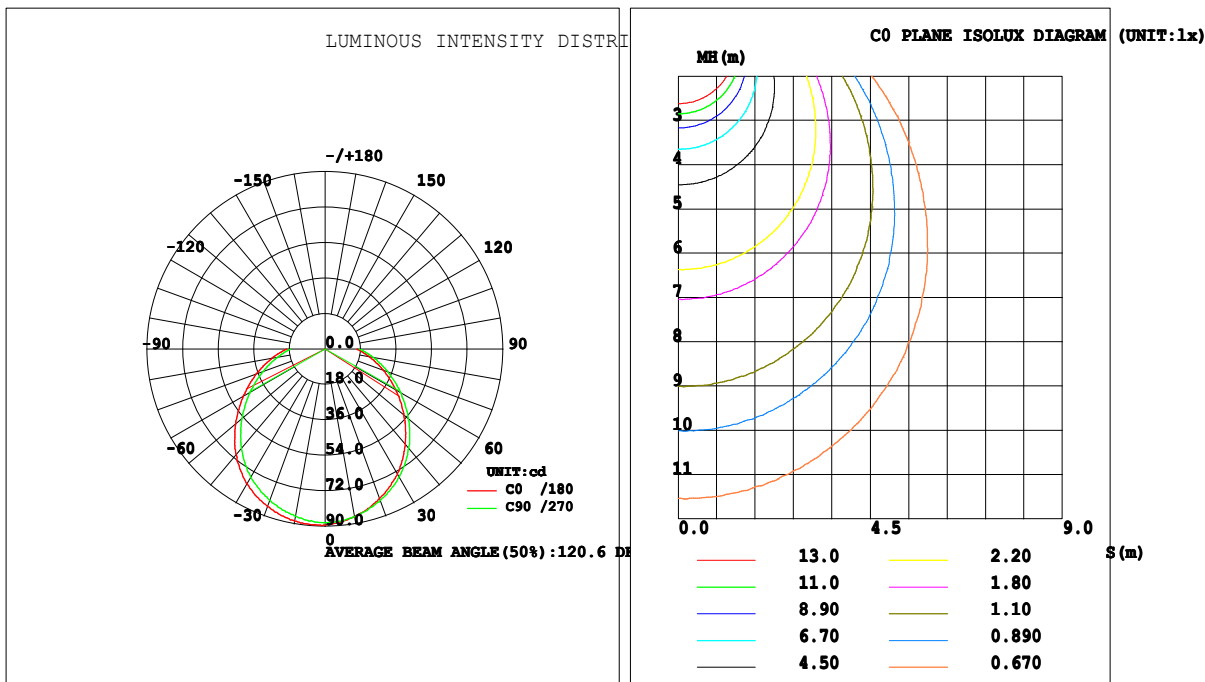
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000B SYSTEM V1.0.135  
Humidity: 65.0%  
Test Distance: 6.650m [K=1.0000]  
Remarks:



LUMINAIRE PHOTOMETRIC TEST REPORT

|                                                               |                |                   |
|---------------------------------------------------------------|----------------|-------------------|
| Test:U:218.8V I:0.065A P:6.170W PF:0.433 Lamp Flux:350.0x1 lm |                |                   |
| NAME:                                                         | TYPE:          | WEIGHT:           |
| DIMENSION:                                                    | SPECIFICATION: | SERIAL No.:       |
| MANUFACTURER:                                                 | SURFACE:       | PROTECTION ANGLE: |

| DATA OF LAMP     |       | PHOTOMETRIC DATA |        |                 |      |
|------------------|-------|------------------|--------|-----------------|------|
| MODEL            |       | Imax(cd)         | 89.46  | S/MH (C0/180)   | 1.31 |
| NOMINAL POWER(W) | 6     | EFFICIENCY(%)    | 84.9   | S/MH (C90/270)  | 1.27 |
| RATED VOLTAGE(V) | 218   | TOTAL FLUX(lm)   | 297.14 | η UP (C0-180)   | 0.0  |
| NOMINAL FLUX(lm) | 350.0 | CIE CLASS        | DIRECT | η DN (C0-180)   | 43.6 |
| LAMPS INSIDE     | 1     | η up(%)          | 0.0    | η UP (C180-360) | 0.0  |
| TEST VOLTAGE(V)  | 217.7 | η down(%)        | 84.9   | η DN (C180-360) | 41.3 |



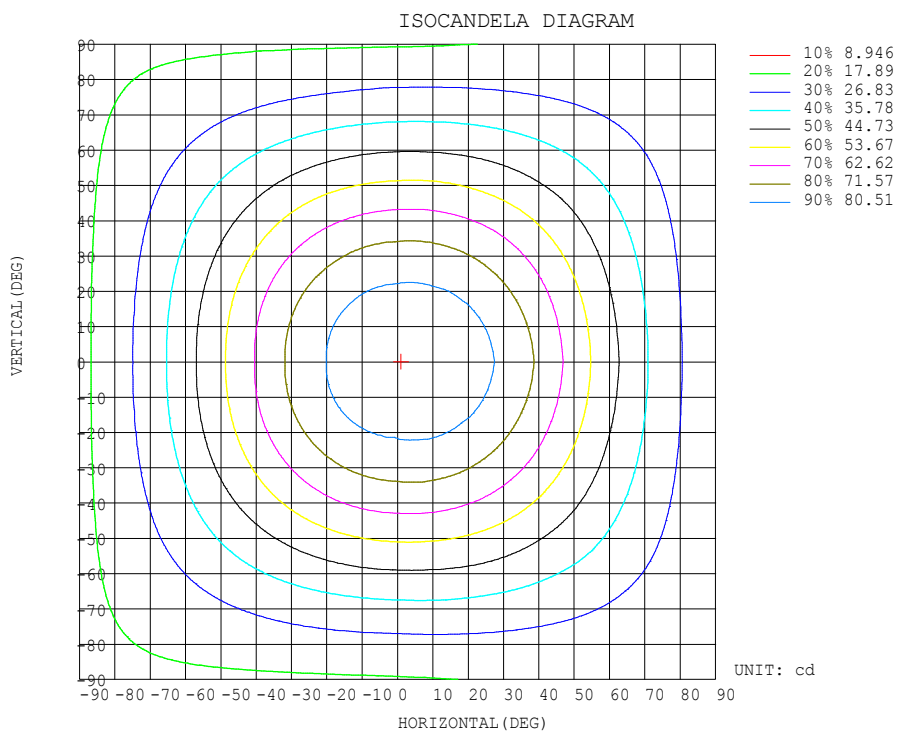
C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: 001  
Test Date: 2010-08-25

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000B SYSTEM V1.0.135  
Humidity: 65.0%  
Test Distance: 6.650m [K=1.0000]  
Remarks:



ISOCANDELA DIAGRAM

|                                                               |                |                   |
|---------------------------------------------------------------|----------------|-------------------|
| Test:U:218.8V I:0.065A P:6.170W PF:0.433 Lamp Flux:350.0x1 lm |                |                   |
| NAME:                                                         | TYPE:          | WEIGHT:           |
| DIMENSION:                                                    | SPECIFICATION: | SERIAL No.:       |
| MANUFACTURER:                                                 | SURFACE:       | PROTECTION ANGLE: |



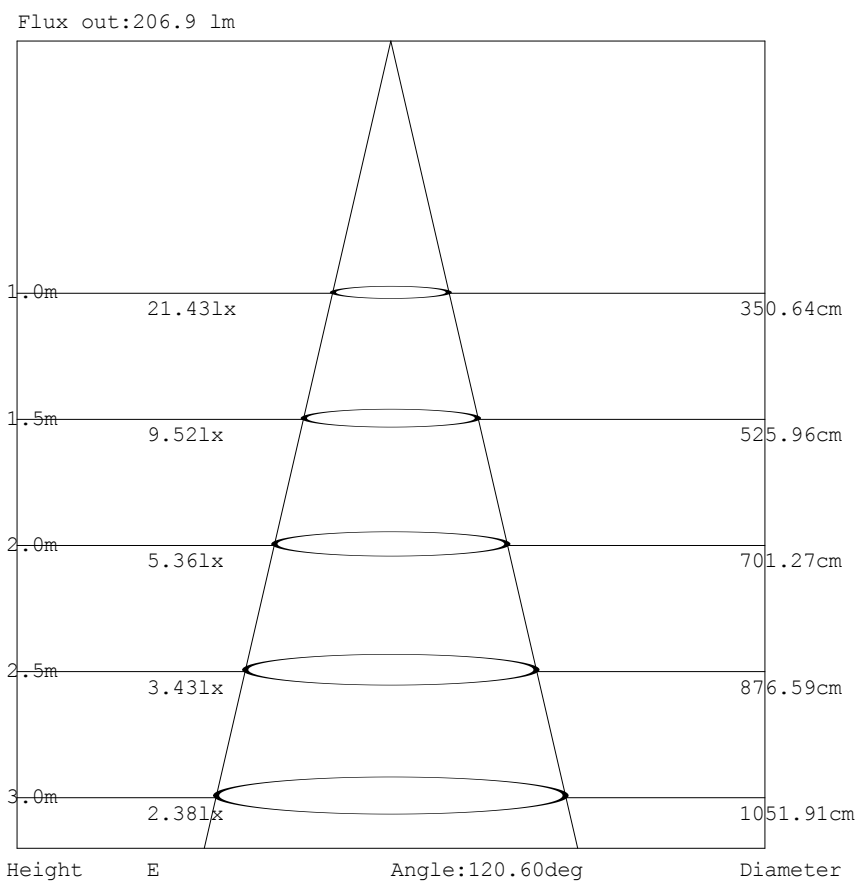
C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:001  
Test Date:2010-08-25

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B SYSTEM V1.0.135  
Humidity:65.0%  
Test Distance:6.650m [K=1.0000]  
Remarks:



AAI Figure

|                                                               |                |                   |
|---------------------------------------------------------------|----------------|-------------------|
| Test:U:218.8V I:0.065A P:6.170W PF:0.433 Lamp Flux:350.0x1 lm |                |                   |
| NAME:                                                         | TYPE:          | WEIGHT:           |
| DIMENSION:                                                    | SPECIFICATION: | SERIAL No.:       |
| MANUFACTURER:                                                 | SURFACE:       | PROTECTION ANGLE: |



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:001  
Test Date:2010-08-25

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000B SYSTEM V1.0.135  
Humidity:65.0%  
Test Distance:6.650m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                               |                |                   |
|---------------------------------------------------------------|----------------|-------------------|
| Test:U:218.8V I:0.065A P:6.170W PF:0.433 Lamp Flux:350.0x1 lm |                |                   |
| NAME:                                                         | TYPE:          | WEIGHT:           |
| DIMENSION:                                                    | SPECIFICATION: | SERIAL No.:       |
| MANUFACTURER:                                                 | SURFACE:       | PROTECTION ANGLE: |

**Table--1**

UNIT: cd

[illegible]

```
C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:001
Test Date:2010-08-25
```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B SYSTEM V1.0.135
Humidity:65.0%
Test Distance:6.650m [K=1.0000]
Remarks:

```