



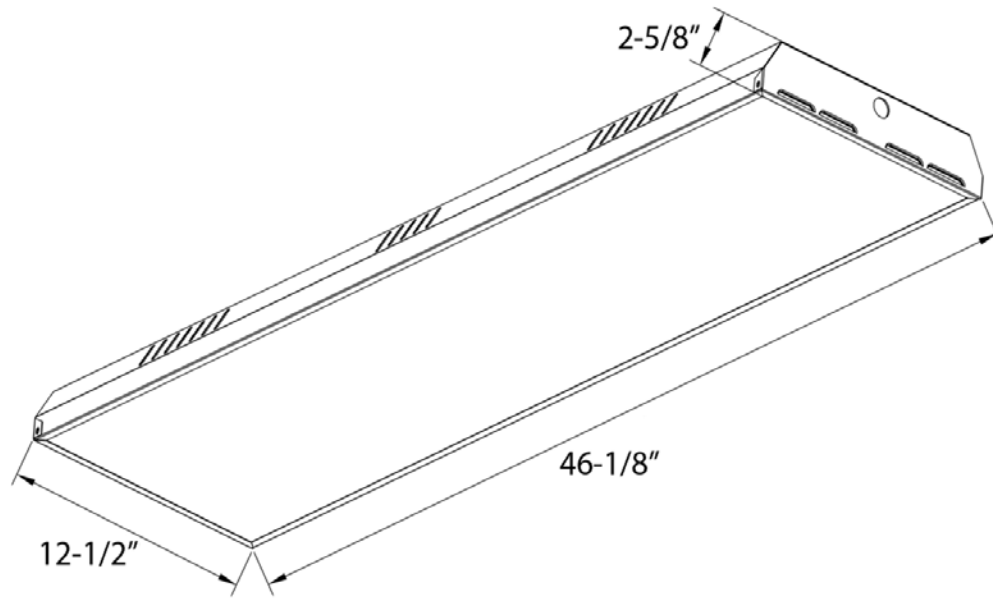
Dimming:  
DC 0-10V



**Cat# 71722A**  
**LED Linear High Bay**  
**180W Dimmable**

| Model :                 |                       | 71722A                                  |
|-------------------------|-----------------------|-----------------------------------------|
| OVERALL LAMP PARAMETERS | Input Voltage         | 100-277VAC                              |
|                         | Input Current         | 1.5305A                                 |
|                         | Input Power           | 180 W                                   |
|                         | Power Factor          | PF≥0.95                                 |
|                         | Luminance             | 22500 LM                                |
|                         | Luminous Efficiency   | 125 LM/W                                |
|                         | CRI                   | ≥80                                     |
|                         | Beam Angle            | 120°                                    |
|                         | Main Structure        | Heavy Gauge Steel Housing               |
|                         | Surface               | White Powder Coat Finish                |
|                         | Lens                  | Clear Polycarbonate                     |
| LED DRIVER              | Output Voltage        | 40-66V                                  |
|                         | Output Current        | 1150mA                                  |
|                         | Driver Efficiency     | 92%                                     |
|                         | LED Manufacturer      | Towin                                   |
|                         | LED Efficacy          | 128 lm/W                                |
|                         | Color Temperature     | 5000K                                   |
| LIFESPAN & ENVIRONMENT  | Lifespan              | 50000 Hrs.                              |
|                         | Warranty              | 5 Years                                 |
|                         | Operating Temperature | -22°F— +104°F                           |
| OTHERS                  | Dimension             | Pls refer to attached dimension drawing |
|                         | Net Weight(Kg)        | 4.3                                     |
|                         | Gross Weight(Kg)      | 6                                       |
|                         | Box Size              | --                                      |
|                         | Carton Size(mm)       | 68.5*50*10                              |
|                         | Q'ty / Carton         | 1                                       |

Dimension: 71722A





**Morris Products Inc.**

Tel:518-743-0523

www.morrisproducts.com

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Report No.:

Test Time: 2015-08-27 15:21

## Luminaire Property

Luminaire Manufacturer:

Luminaire Description: 71722A

Lamp Description: 2835/5000K

Luminous Width (mm): 407

Voltage: 219.1 V

Power: 183.70 W

Lamp Catalog: LED/MENWEI

Luminous Length (mm): 1217

Luminous Height (mm): 98

Current: 0.866 A

Power Factor: 0.969

## Photometric Results

CIE Class: Direct

Measurement Flux: 22024.3 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H115.1

Vertical Diffuse Angle(50%): V92.6

Luminaire Efficacy Rating (LER): 120

Max. Intensity: 9062.34 cd

Total Rated Lamp Lumens: 22024.3 lm

Efficiency: 100%

Upward Ratio: 1%

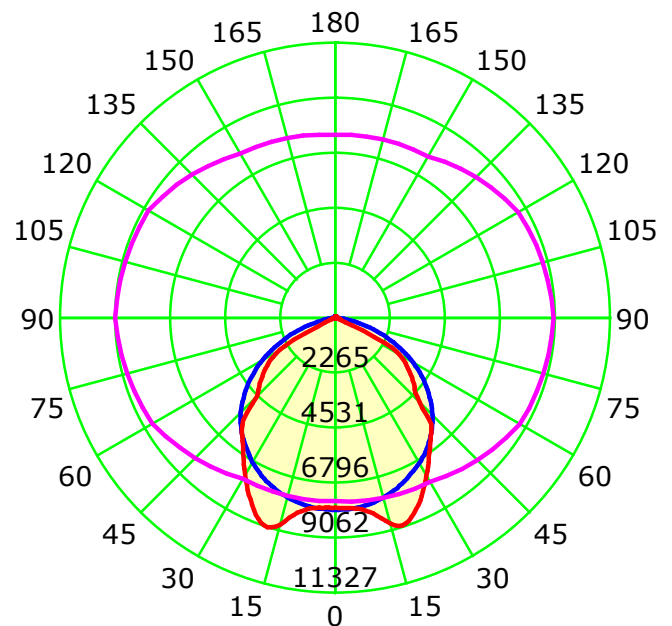
Central Intensity: 7909.83 cd

Pos of Max. Intensity: H270 V18

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

— C0-C180 — C90-C270 — G18

C Plane (°):0.0-360.0: 30.0

Test Lab: JIANGMEN

Test Type: TYPE C

Temperature: 35

Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0

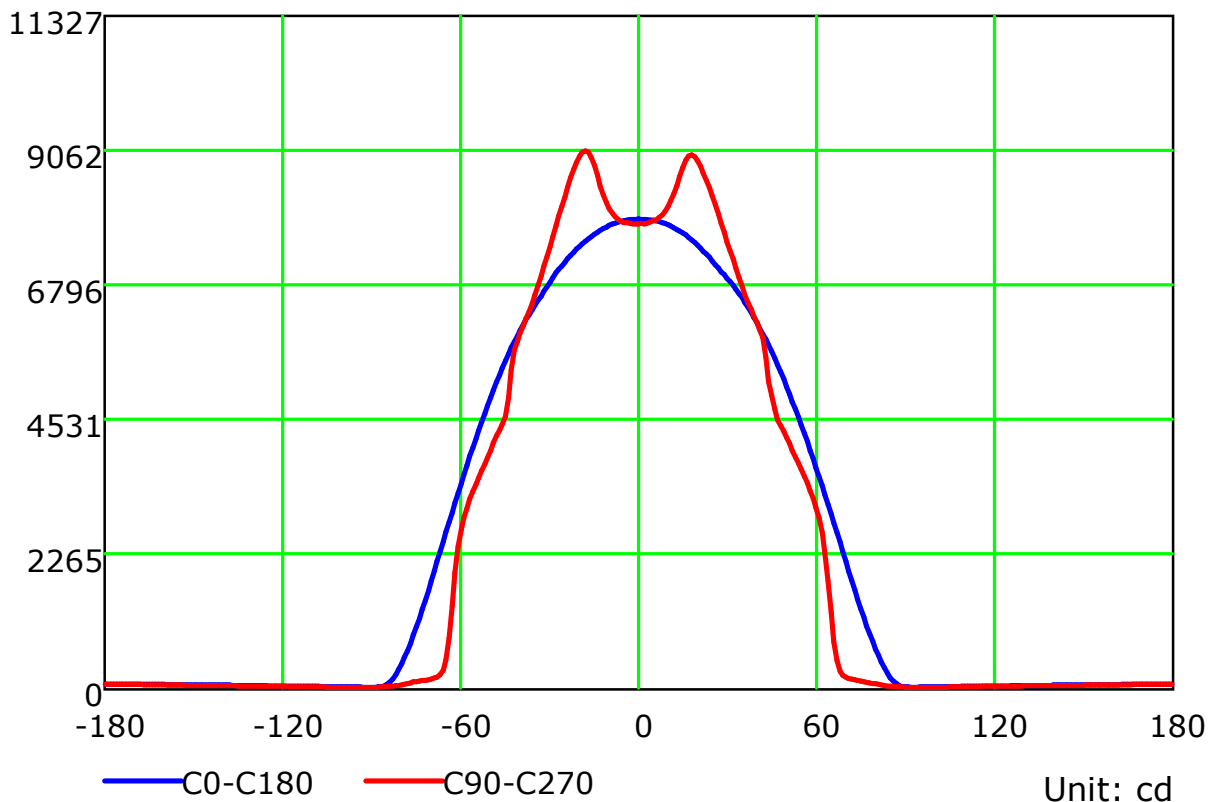
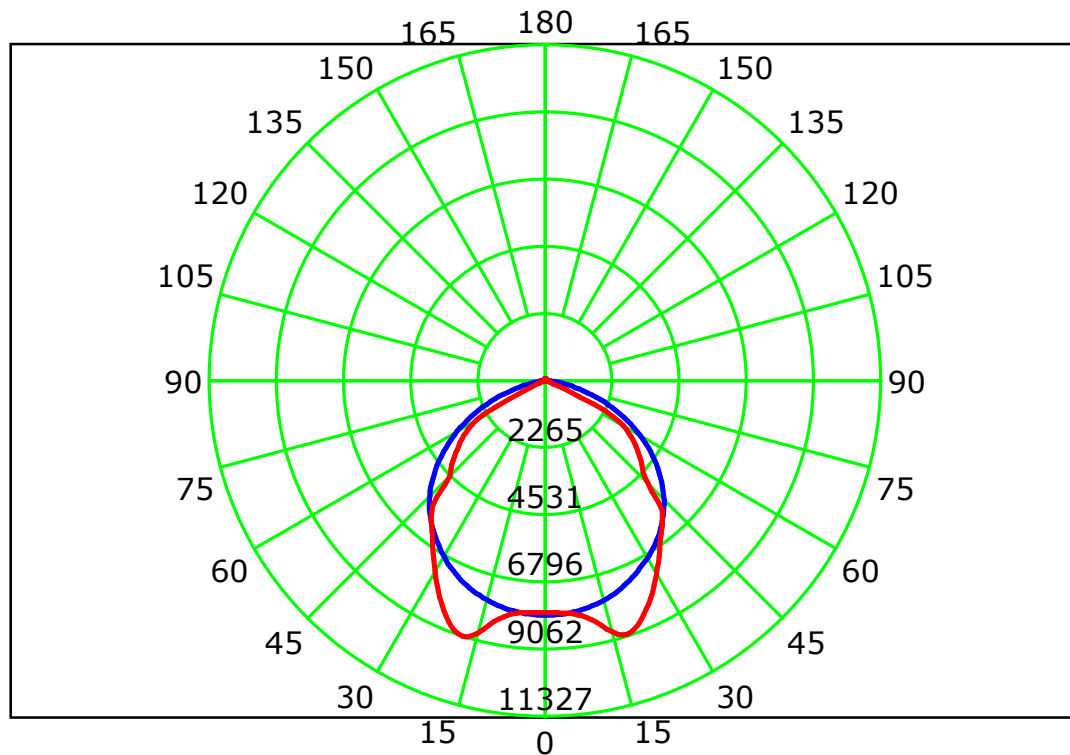
Test Device: GPM-1600L

Distance: 8.383 m

Humidity: 78

Inspector:

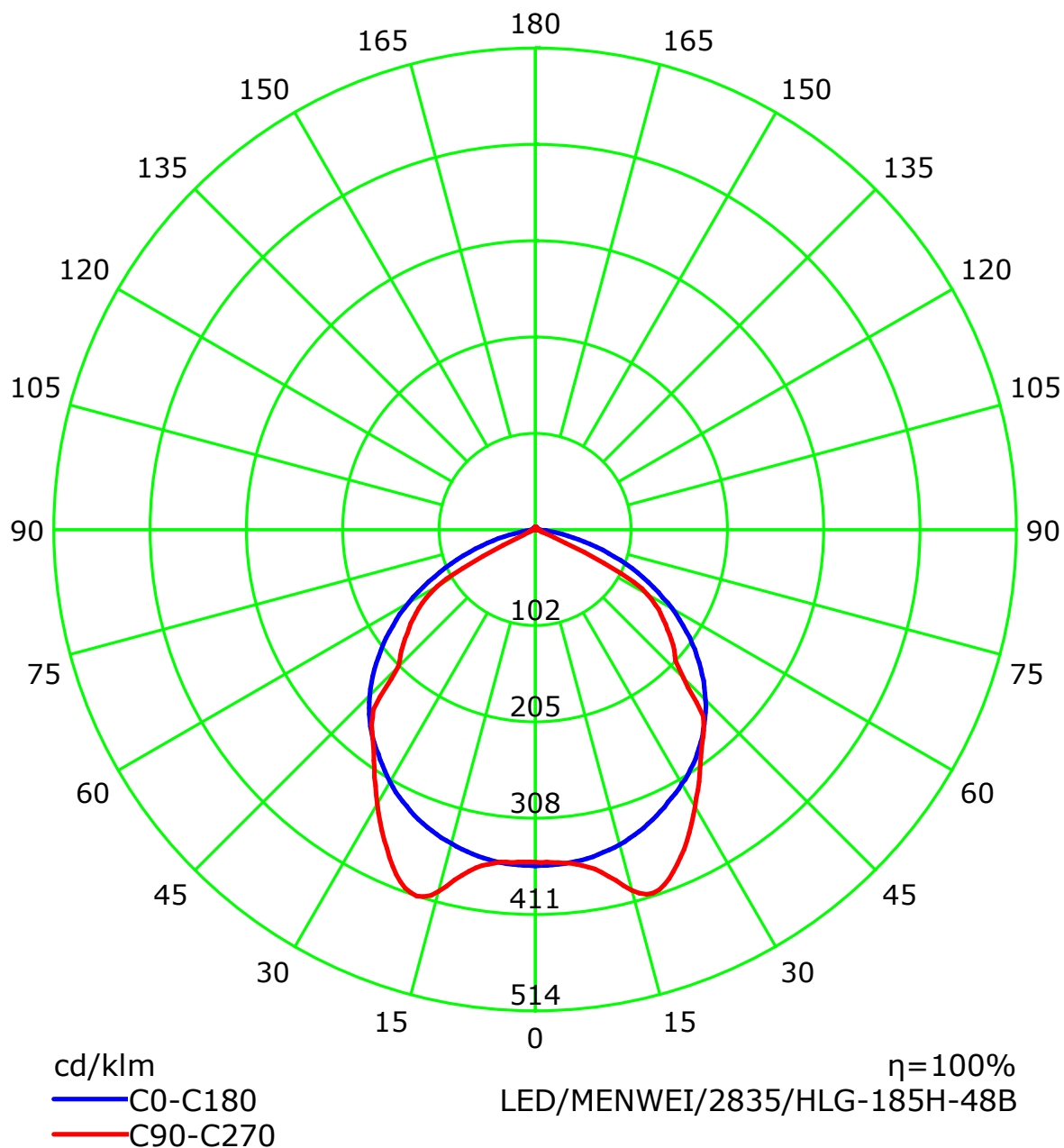
## Luminous Intensity Distribution Curve



C Plane (°): 0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°): 0.0-180.0: 1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## Luminous Intensity Distribution Curve(cd/klm)





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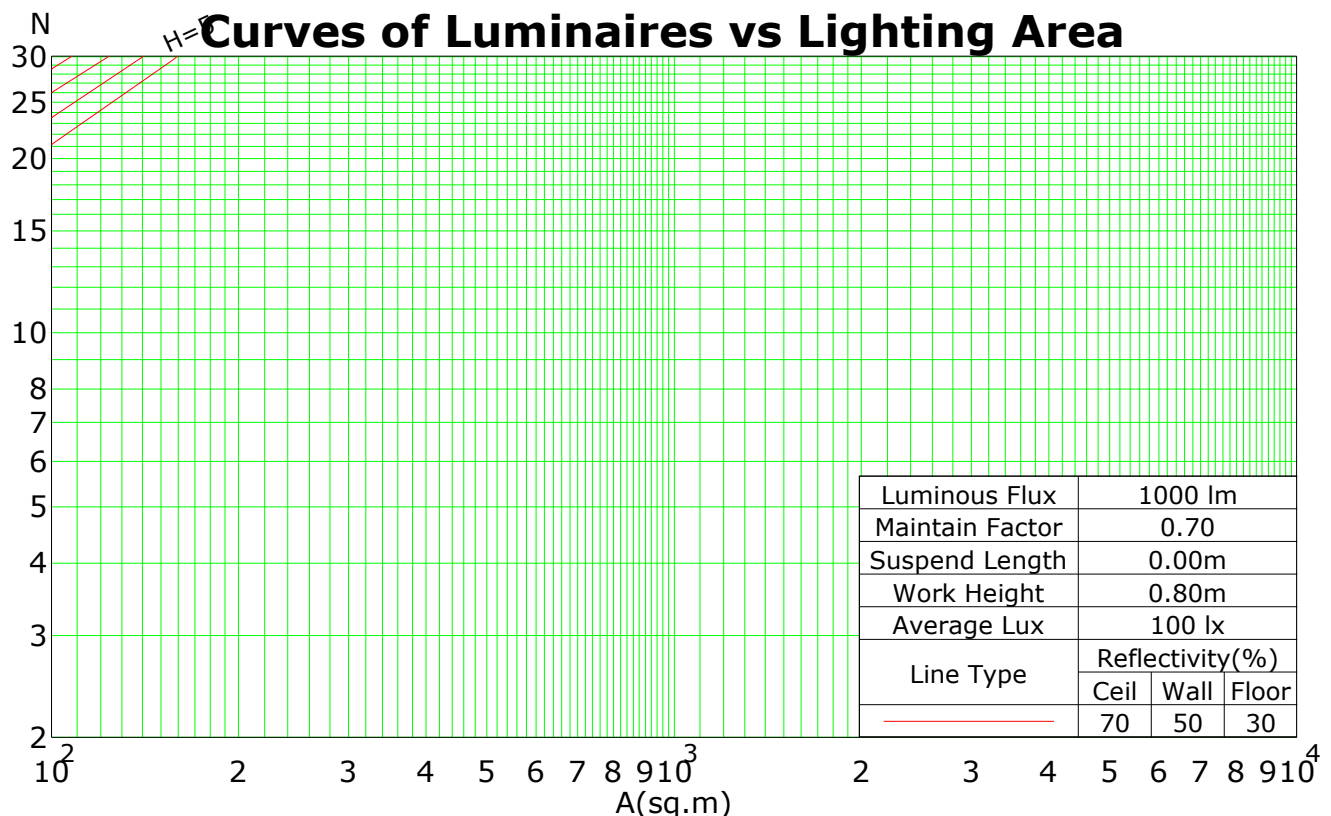
## Coefficients Of Utilization - Zonal Cavity Method

|     |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| RC  | 0.8      | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.1 | 0.1 | 0.1 | 0  |
| RW  | 0.7      | 0.5 | 0.3 | 0.1 | 0.7 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0  |
| RCR | RF = 0.2 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| 0   | 119      | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 101 | 101 | 101 | 99 |
| 1   | 110      | 106 | 102 | 99  | 107 | 104 | 100 | 97  | 99  | 97  | 94  | 95  | 93  | 91  | 92  | 90  | 88  | 86 |
| 2   | 101      | 94  | 88  | 83  | 98  | 92  | 86  | 82  | 88  | 83  | 79  | 85  | 81  | 78  | 82  | 78  | 76  | 74 |
| 3   | 93       | 83  | 76  | 70  | 90  | 81  | 75  | 69  | 78  | 73  | 68  | 76  | 71  | 66  | 73  | 69  | 65  | 63 |
| 4   | 85       | 74  | 66  | 60  | 83  | 73  | 65  | 59  | 70  | 63  | 58  | 68  | 62  | 57  | 65  | 61  | 57  | 54 |
| 5   | 78       | 66  | 58  | 52  | 76  | 65  | 57  | 51  | 63  | 56  | 51  | 61  | 55  | 50  | 59  | 54  | 49  | 47 |
| 6   | 73       | 60  | 51  | 45  | 71  | 59  | 51  | 45  | 57  | 50  | 45  | 55  | 49  | 44  | 54  | 48  | 44  | 42 |
| 7   | 67       | 54  | 46  | 40  | 66  | 54  | 46  | 40  | 52  | 45  | 40  | 50  | 44  | 39  | 49  | 43  | 39  | 37 |
| 8   | 63       | 50  | 41  | 36  | 61  | 49  | 41  | 36  | 48  | 40  | 35  | 46  | 40  | 35  | 45  | 39  | 35  | 33 |
| 9   | 59       | 46  | 38  | 32  | 57  | 45  | 37  | 32  | 44  | 37  | 32  | 43  | 36  | 32  | 42  | 36  | 31  | 30 |
| 10  | 55       | 42  | 34  | 29  | 54  | 41  | 34  | 29  | 40  | 34  | 29  | 39  | 33  | 29  | 38  | 33  | 29  | 27 |

Spacing Criteria (0-180): 1.29

Spacing Criteria (90-270): 1.35

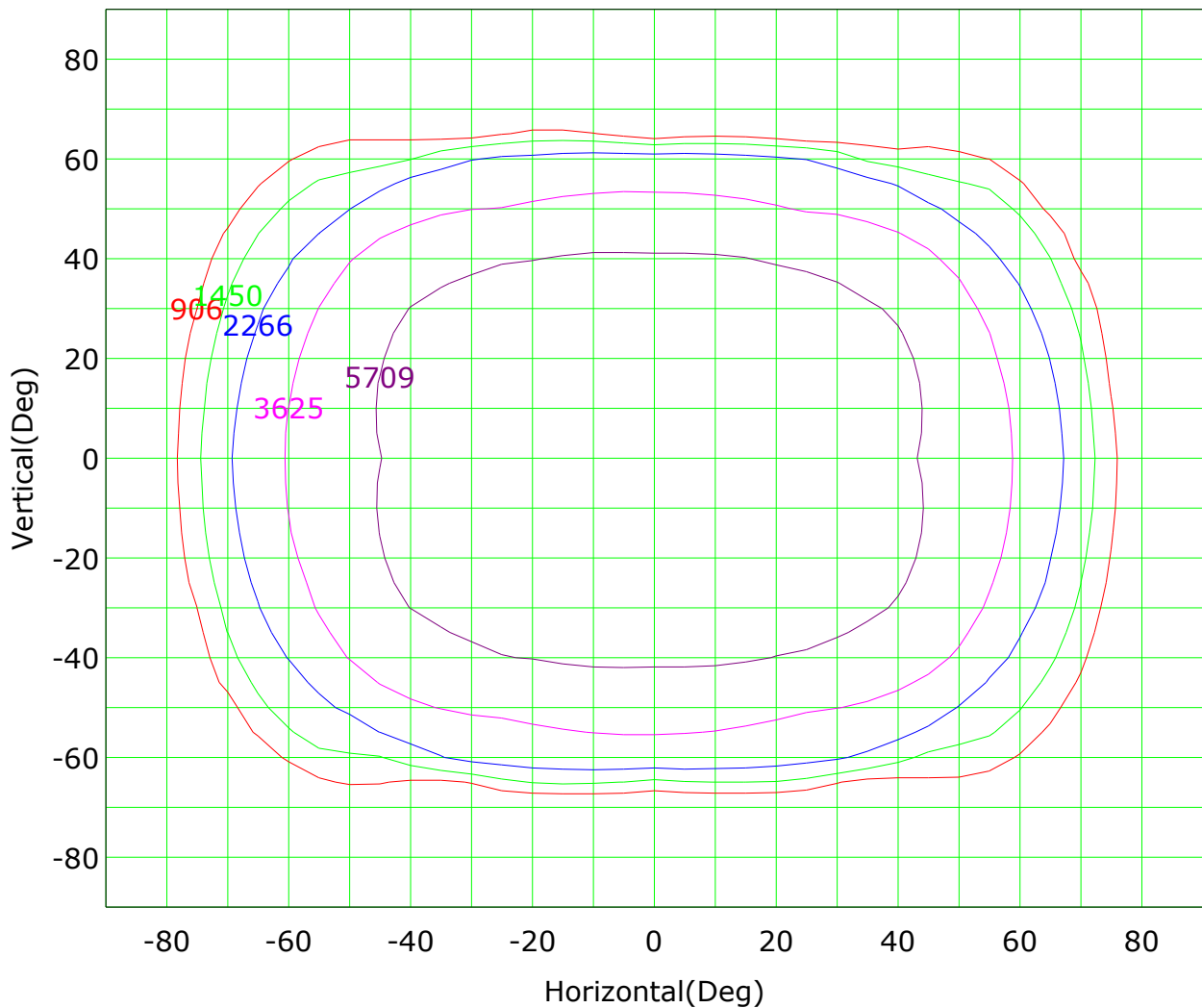
Spacing Criteria (Diagonal): 1.45



C Plane (°):0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

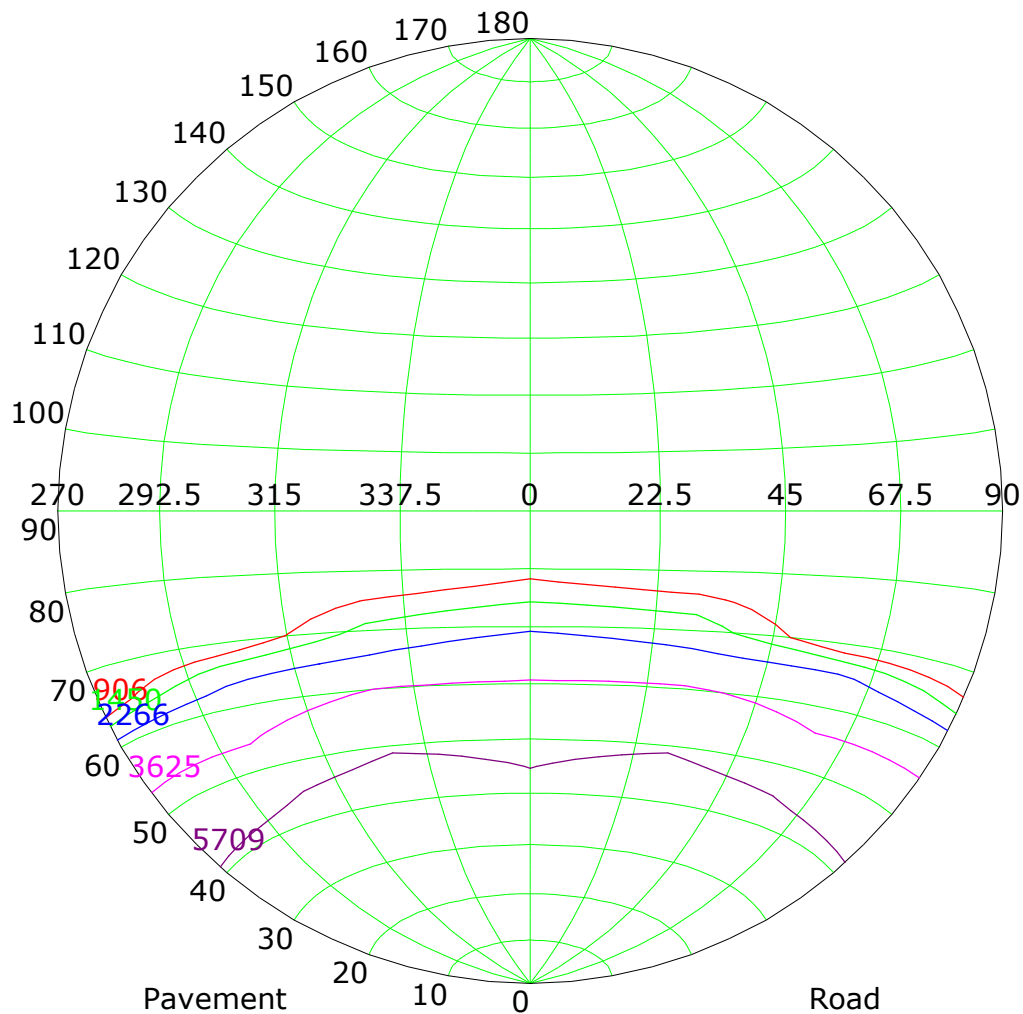
## Isocandela (rectangle)



Imax (100%): 9062 cd

|                 |                 |
|-----------------|-----------------|
| ( 10%): 906 cd  | ( 16%): 1450 cd |
| ( 25%): 2266 cd | ( 40%): 3625 cd |
| ( 63%): 5709 cd | (100%): 9062 cd |

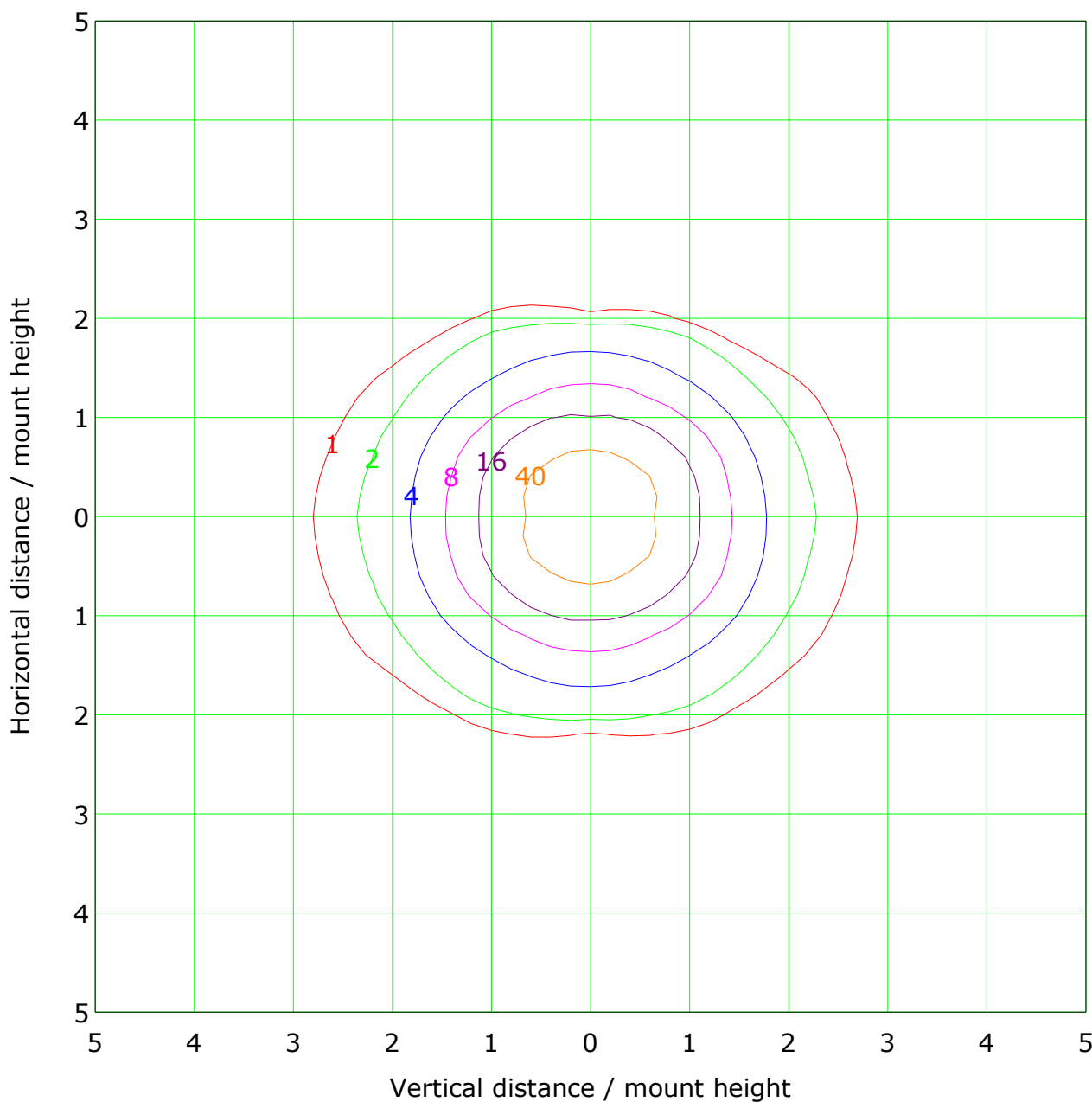
## Isocandela (sphere)



Imax (100%): 9062 cd

|                 |                 |
|-----------------|-----------------|
| ( 10%): 906 cd  | ( 16%): 1450 cd |
| ( 25%): 2266 cd | ( 40%): 3625 cd |
| ( 63%): 5709 cd | (100%): 9062 cd |

## IsoLux Plot



Mounting Height: 10.0m    Max Lux(100%): 79.5 lx

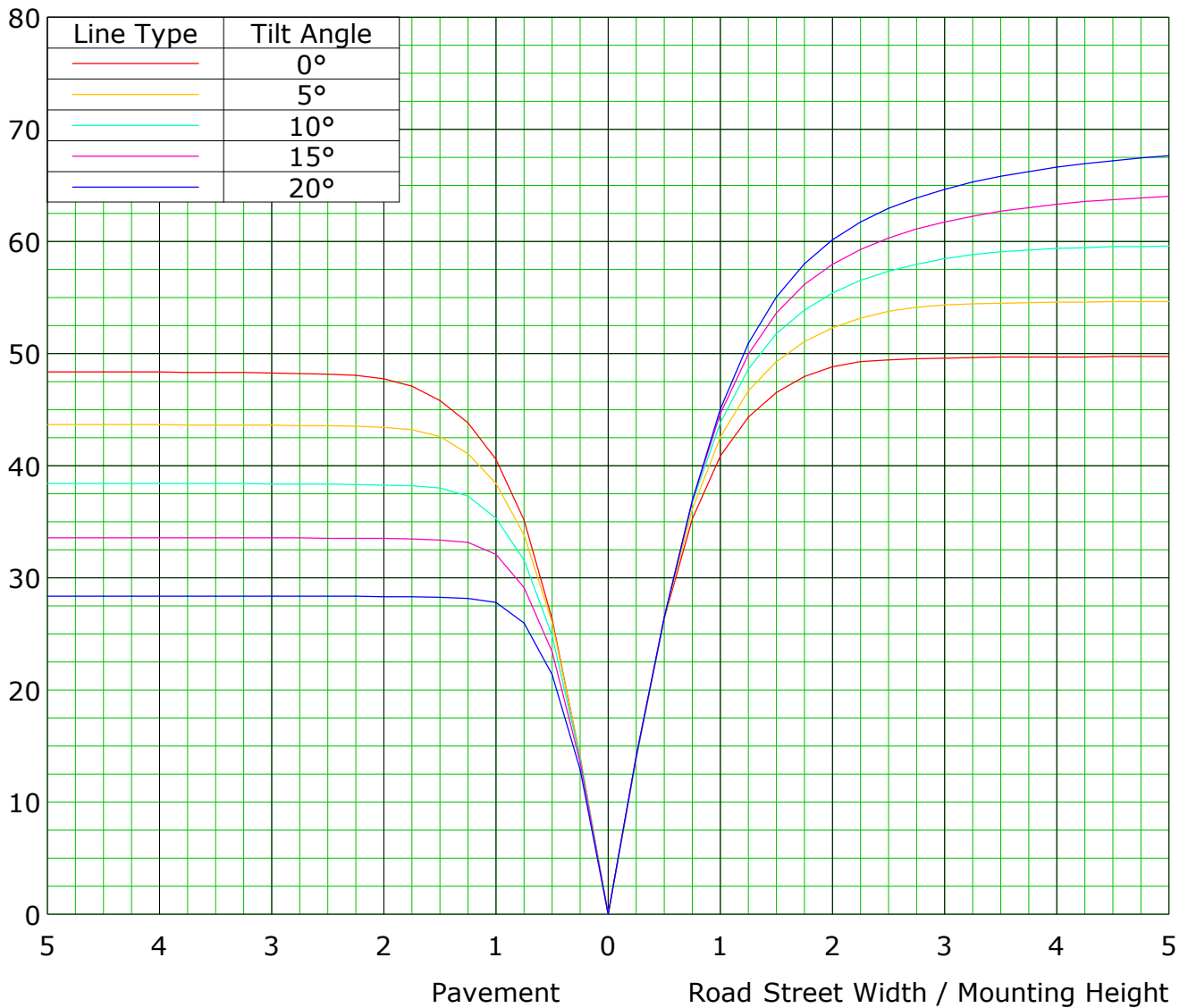
|                 |                 |
|-----------------|-----------------|
| ( 1%): 0.8 lx   | ( 2%): 1.6 lx   |
| ( 5%): 4.0 lx   | ( 10%): 7.9 lx  |
| ( 20%): 15.9 lx | ( 50%): 39.7 lx |
| (100%): 79.5 lx |                 |

C Plane (°):0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## Roadway CU Curve

Efficiency(%)



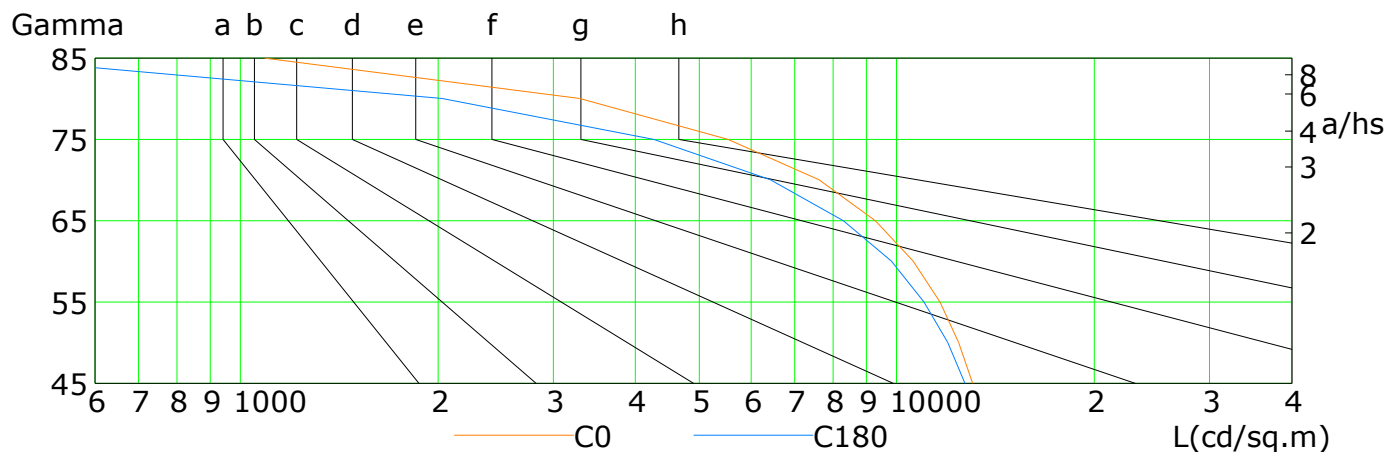
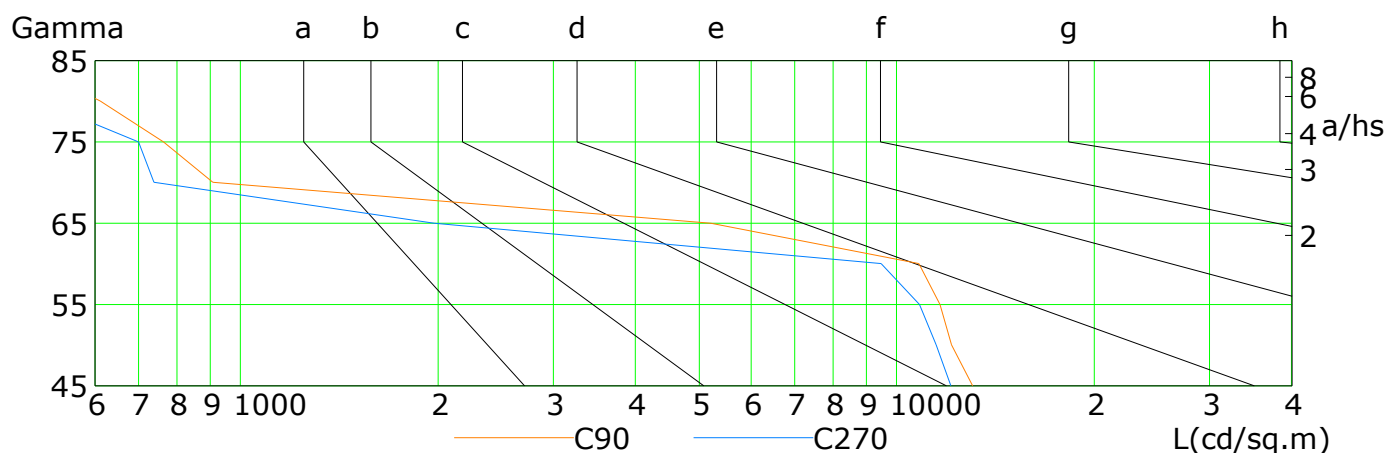
C Plane (°):0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## Lum Limit Curve

| Dazzle | Quality | Illuminance (lx) |      |      |       |       |       |       |       |
|--------|---------|------------------|------|------|-------|-------|-------|-------|-------|
| 1.15   | A       | 2000             | 1000 | 500  | <=300 |       |       |       |       |
| 1.50   | B       |                  | 2000 | 1000 | 500   | <=300 |       |       |       |
| 1.85   | C       |                  |      | 2000 | 1000  | 500   | <=300 |       |       |
| 2.20   | D       |                  |      |      | 2000  | 1000  | 500   | <=300 |       |
| 2.55   | E       |                  |      |      |       | 2000  | 1000  | 500   | <=300 |

a b c d e f g h

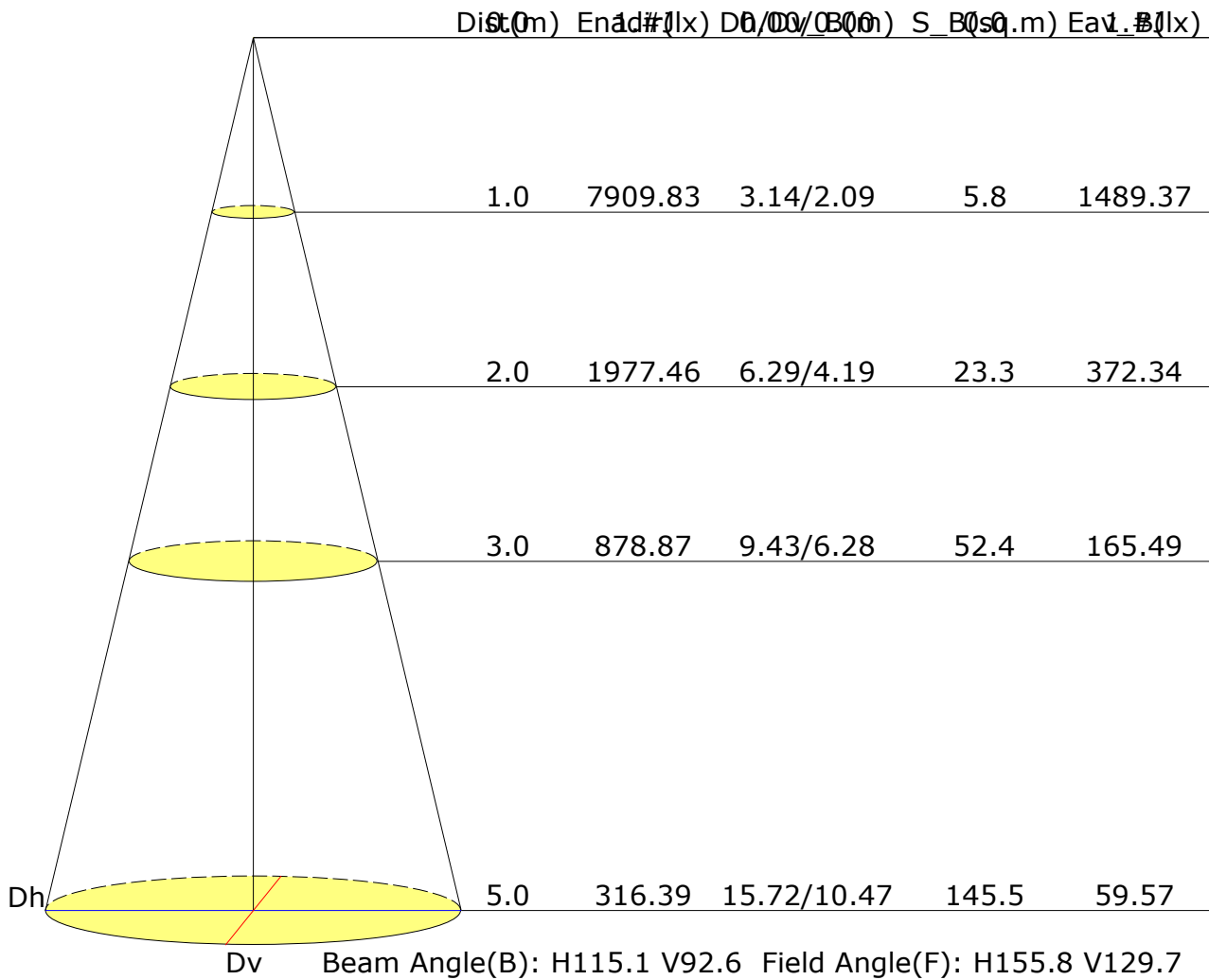


| L(cd/sq.m) | G45   | G50   | G55   | G60   | G65  | G70  | G75  | G80  | G85  |
|------------|-------|-------|-------|-------|------|------|------|------|------|
| C0         | 13061 | 12417 | 11631 | 10591 | 9277 | 7608 | 5532 | 3286 | 1090 |
| C90        | 13045 | 12134 | 11653 | 10817 | 5212 | 909  | 763  | 611  | 475  |
| C180       | 12697 | 11955 | 11001 | 9812  | 8297 | 6427 | 4263 | 2030 | 415  |
| C270       | 12088 | 11489 | 10836 | 9476  | 1976 | 738  | 700  | 495  | 397  |

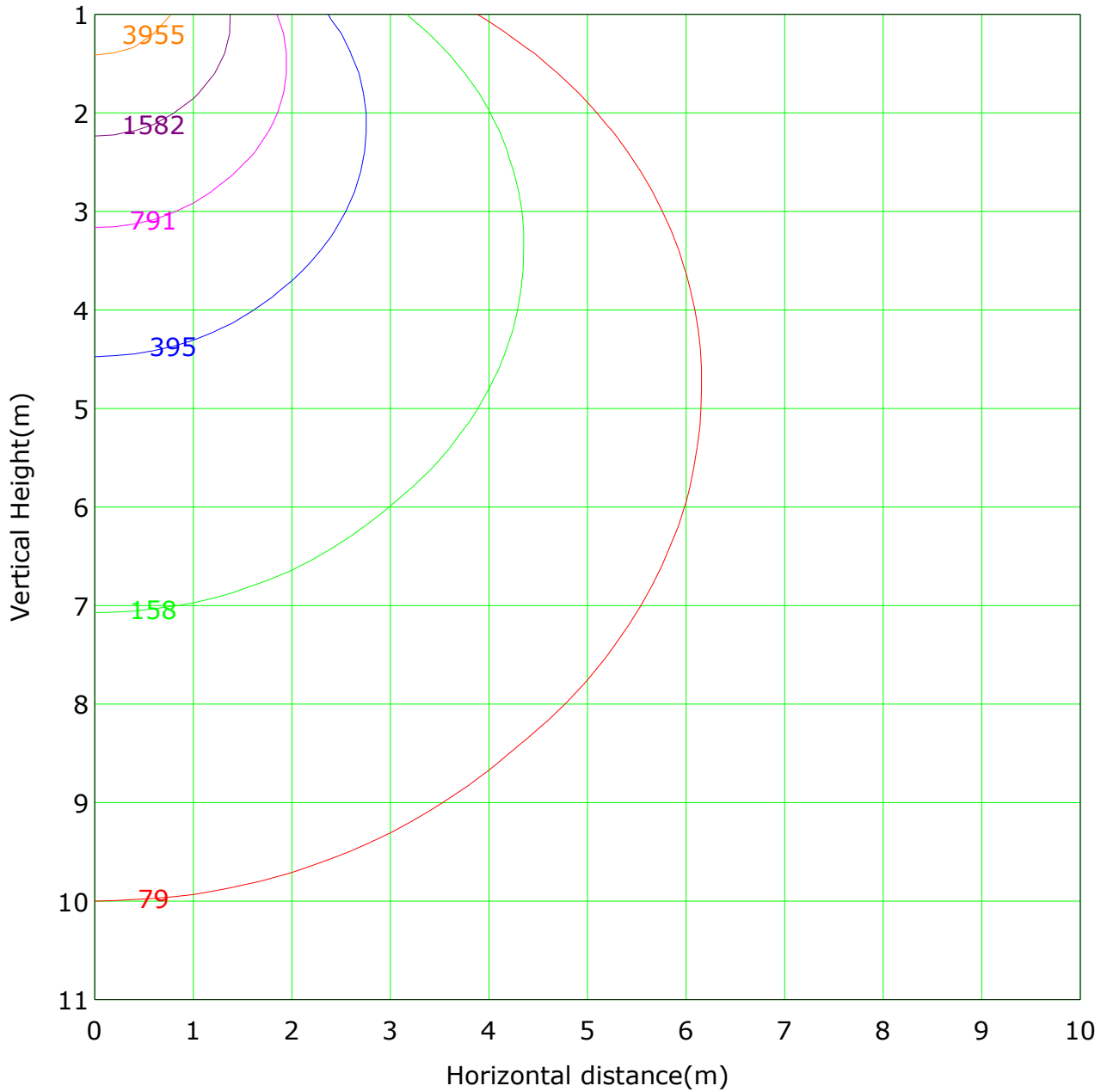
C Plane (°): 0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°): 0.0-180.0: 1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1.0m   Highest(m): 11.0m   Max Lux: 7909.8 lx  
— ( 1%): 79.1 lx   — ( 2%): 158.2 lx  
— ( 5%): 395.5 lx   — ( 10%): 791.0 lx  
— ( 20%): 1582.0 lx   — ( 50%): 3954.9 lx  
— (100%): 7909.8 lx

## Area Flux Table

Unit: lm

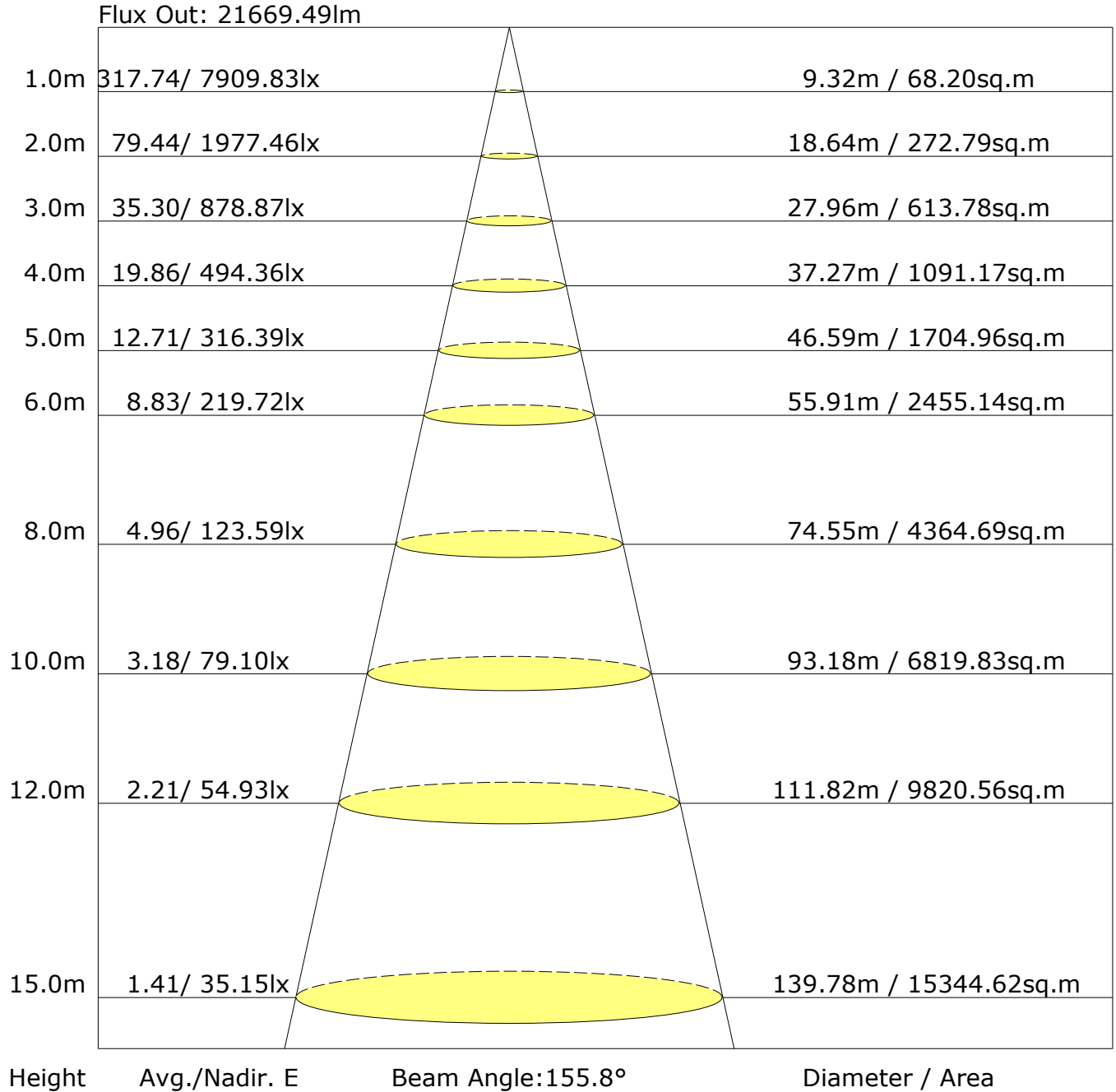
| Vertical plane |  | -90     | -80 | -70  | -60   | -50   | -40    | -30   | -20    | -10   | 0     | 10    | 20    | 30     | 40    | 50    | 60    | 70    | 80   | 90          |
|----------------|--|---------|-----|------|-------|-------|--------|-------|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|------|-------------|
|                |  | 0.0     | 0.2 | 0.3  | 0.4   | 0.6   | 0.7    | 0.9   | 1.0    | 1.0   | 1.0   | 1.0   | 0.9   | 0.8    | 0.7   | 0.5   | 0.4   | 0.2   | 0.1  | 0.0         |
|                |  | 0.1     | 0.3 | 0.8  | 1.3   | 1.9   | 2.8    | 2.9   | 3.3    | 3.4   | 3.5   | 3.4   | 3.0   | 4.1    | 3.3   | 1.5   | 1.3   | 0.6   | 0.1  | 0.0         |
|                |  | 0.1     | 0.8 | 2.2  | 5.6   | 13.5  | 15.3   | 20.4  | 28.4   | 30.1  | 31.9  | 33.5  | 28.1  | 20.5   | 17.4  | 11.1  | 3.8   | 1.5   | 0.2  | 264.3167.8  |
|                |  | 0.1     | 1.6 | 6.8  | 22.9  | 37.7  | 62.4   | 81.7  | 95.1   | 102.6 | 103.2 | 96.9  | 84.7  | 68.9   | 44.1  | 26.0  | 11.2  | 2.7   | 0.3  | 848.8833.8  |
|                |  | 0.2     | 2.9 | 15.2 | 36.7  | 68.5  | 97.2   | 117.4 | 138.0  | 147.9 | 149.3 | 142.3 | 123.2 | 101.6  | 74.9  | 41.4  | 18.7  | 4.6   | 0.4  | 1280.4270.5 |
|                |  | 0.3     | 4.5 | 21.9 | 51.3  | 92.8  | 130.9  | 165.7 | 187.9  | 201.7 | 202.9 | 191.1 | 170.7 | 138.3  | 98.2  | 57.3  | 25.1  | 6.9   | 0.6  | 1747.9740.6 |
|                |  | 0.3     | 6.4 | 27.2 | 63.2  | 109.5 | 161.6  | 202.3 | 230.7  | 249.6 | 250.4 | 232.2 | 204.4 | 168.4  | 115.6 | 68.1  | 30.8  | 8.7   | 0.7  | 2130.2124.5 |
|                |  | 0.4     | 7.8 | 31.3 | 70.3  | 118.4 | 173.0  | 219.6 | 244.5  | 262.5 | 259.5 | 239.4 | 212.7 | 176.8  | 123.7 | 74.7  | 35.3  | 10.2  | 0.8  | 2260.2256.2 |
|                |  | 0.5     | 8.7 | 33.8 | 73.3  | 120.0 | 167.2  | 205.9 | 227.8  | 239.4 | 237.7 | 225.3 | 202.7 | 169.6  | 123.9 | 77.5  | 37.8  | 11.1  | 0.9  | 2163.2159.2 |
|                |  | 0.5     | 8.8 | 34.1 | 73.6  | 120.3 | 166.4  | 203.1 | 225.6  | 238.3 | 239.5 | 227.7 | 205.5 | 169.9  | 123.8 | 77.6  | 37.9  | 11.2  | 0.9  | 2164.2160.7 |
|                |  | 0.4     | 8.1 | 32.0 | 71.1  | 119.4 | 171.8  | 213.0 | 239.6  | 259.9 | 260.7 | 242.8 | 218.5 | 176.3  | 123.3 | 75.3  | 35.6  | 10.4  | 0.8  | 2259.2254.6 |
|                |  | 0.3     | 7.0 | 28.0 | 65.0  | 111.4 | 162.4  | 200.8 | 229.8  | 249.2 | 250.0 | 232.4 | 205.5 | 167.1  | 115.7 | 69.2  | 31.6  | 9.0   | 0.7  | 2135.2129.9 |
|                |  | 0.3     | 5.3 | 22.9 | 54.8  | 95.2  | 134.6  | 168.5 | 190.9  | 205.4 | 206.2 | 193.4 | 172.1 | 138.8  | 99.9  | 58.5  | 26.3  | 7.1   | 0.6  | 1780.8774.3 |
|                |  | 0.2     | 3.4 | 17.2 | 39.8  | 73.7  | 101.1  | 123.6 | 144.7  | 154.6 | 155.4 | 146.8 | 126.8 | 105.3  | 77.7  | 43.4  | 20.3  | 4.7   | 0.4  | 1339.1330.5 |
|                |  | 0.1     | 1.7 | 10.3 | 25.9  | 45.1  | 70.9   | 88.3  | 102.2  | 110.3 | 111.0 | 104.3 | 91.5  | 74.7   | 48.6  | 29.3  | 12.4  | 2.8   | 0.3  | 929.8917.1  |
|                |  | 0.1     | 0.8 | 3.2  | 11.5  | 18.1  | 24.0   | 34.9  | 43.4   | 45.1  | 45.6  | 44.7  | 36.5  | 25.6   | 20.4  | 12.9  | 4.0   | 1.5   | 0.2  | 372.4289.8  |
|                |  | 0.1     | 0.3 | 0.9  | 1.6   | 3.5   | 4.2    | 3.2   | 3.7    | 3.9   | 3.9   | 3.9   | 3.5   | 4.7    | 3.7   | 1.8   | 1.5   | 0.7   | 0.1  | 45.3 0.0    |
|                |  | 0.1     | 0.2 | 0.4  | 0.6   | 0.7   | 0.9    | 1.1   | 1.2    | 1.3   | 1.3   | 1.3   | 1.2   | 1.1    | 0.9   | 0.7   | 0.5   | 0.3   | 0.1  | 13.7 0.0    |
|                |  | Flux(T) | 3.9 | 68.8 | 288.5 | 669.0 | 1150.4 | 647.2 | 2053.2 | 337.8 | 506.2 | 513.2 | 362.3 | 2091.6 | 712.5 | 215.8 | 726.9 | 334.3 | 94.2 | 8.2 21784   |
|                |  | Flux(E) | 0.0 | 37.3 | 268.2 | 652.9 | 125.5  | 620.2 | 2034.0 | 317.8 | 483.2 | 491.2 | 342.2 | 2072.2 | 684.9 | 190.5 | 710.7 | 314.7 | 62.9 | 0.0 21409   |

Horizontal plane

C Plane (°): 0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°): 0.0-180.0: 1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## The Average Illuminance Effective Figure



## UGR Table

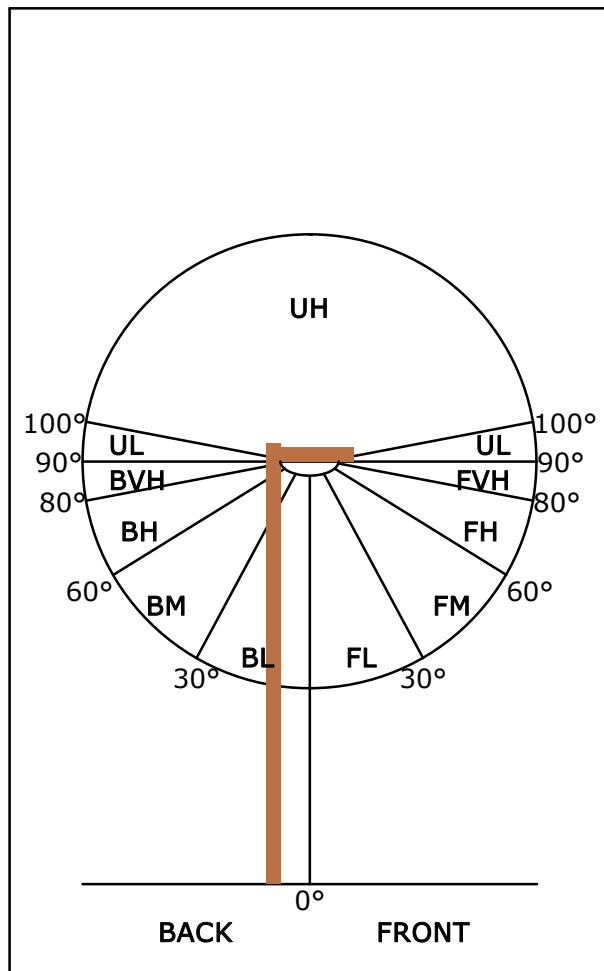
|                  |                  |      |      |      |      |                |      |      |      |      |
|------------------|------------------|------|------|------|------|----------------|------|------|------|------|
| Reflectance:     |                  |      |      |      |      |                |      |      |      |      |
| Ceiling (cavity) | 0.7              | 0.7  | 0.5  | 0.5  | 0.3  | 0.7            | 0.7  | 0.5  | 0.5  | 0.3  |
| Wall             | 0.5              | 0.3  | 0.5  | 0.3  | 0.3  | 0.5            | 0.3  | 0.5  | 0.3  | 0.3  |
| Reference plane  | 0.2              | 0.2  | 0.2  | 0.2  | 0.2  | 0.2            | 0.2  | 0.2  | 0.2  | 0.2  |
| Room dimensions  | Viewed crosswise |      |      |      |      | Viewed endwise |      |      |      |      |
| X=2H Y=2H        | 10.7             | 12.2 | 11.1 | 12.5 | 12.9 | 8.9            | 10.4 | 9.3  | 10.8 | 11.1 |
| 3H               | 12.0             | 13.4 | 12.4 | 13.7 | 14.1 | 8.9            | 10.3 | 9.3  | 10.6 | 11.0 |
| 4H               | 12.4             | 13.7 | 12.9 | 14.1 | 14.5 | 8.9            | 10.1 | 9.3  | 10.5 | 10.9 |
| 6H               | 12.6             | 13.8 | 13.0 | 14.2 | 14.6 | 8.8            | 10.0 | 9.2  | 10.4 | 10.8 |
| 8H               | 12.6             | 13.7 | 13.1 | 14.2 | 14.6 | 8.8            | 9.9  | 9.2  | 10.3 | 10.7 |
| 12H              | 12.6             | 13.7 | 13.1 | 14.1 | 14.5 | 8.7            | 9.8  | 9.2  | 10.2 | 10.7 |
| X=4H Y=2H        | 10.9             | 12.2 | 11.4 | 12.6 | 13.0 | 9.5            | 10.7 | 9.9  | 11.1 | 11.5 |
| 3H               | 12.4             | 13.4 | 12.8 | 13.9 | 14.3 | 9.5            | 10.5 | 9.9  | 10.9 | 11.3 |
| 4H               | 12.9             | 13.8 | 13.3 | 14.3 | 14.7 | 9.4            | 10.3 | 9.9  | 10.8 | 11.2 |
| 6H               | 13.1             | 13.9 | 13.5 | 14.3 | 14.8 | 9.3            | 10.2 | 9.8  | 10.6 | 11.1 |
| 8H               | 13.1             | 13.8 | 13.6 | 14.3 | 14.8 | 9.3            | 10.1 | 9.8  | 10.5 | 11.0 |
| 12H              | 13.1             | 13.8 | 13.6 | 14.3 | 14.8 | 9.3            | 9.9  | 9.8  | 10.4 | 10.9 |
| X=8H Y=4H        | 12.8             | 13.6 | 13.3 | 14.0 | 14.5 | 9.5            | 10.2 | 10.0 | 10.7 | 11.2 |
| 6H               | 13.0             | 13.6 | 13.5 | 14.1 | 14.6 | 9.4            | 10.0 | 9.9  | 10.5 | 11.0 |
| 8H               | 13.0             | 13.6 | 13.5 | 14.1 | 14.6 | 9.4            | 9.9  | 9.9  | 10.5 | 11.0 |
| 12H              | 13.0             | 13.5 | 13.5 | 14.0 | 14.6 | 9.3            | 9.8  | 9.9  | 10.3 | 10.9 |
| X=12H Y=4H       | 12.8             | 13.5 | 13.3 | 13.9 | 14.4 | 9.5            | 10.1 | 10.0 | 10.6 | 11.1 |
| 6H               | 12.9             | 13.5 | 13.5 | 14.0 | 14.5 | 9.4            | 9.9  | 9.9  | 10.4 | 11.0 |
| 8H               | 13.0             | 13.5 | 13.5 | 14.0 | 14.6 | 9.3            | 9.8  | 9.9  | 10.3 | 10.9 |

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

**FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM**



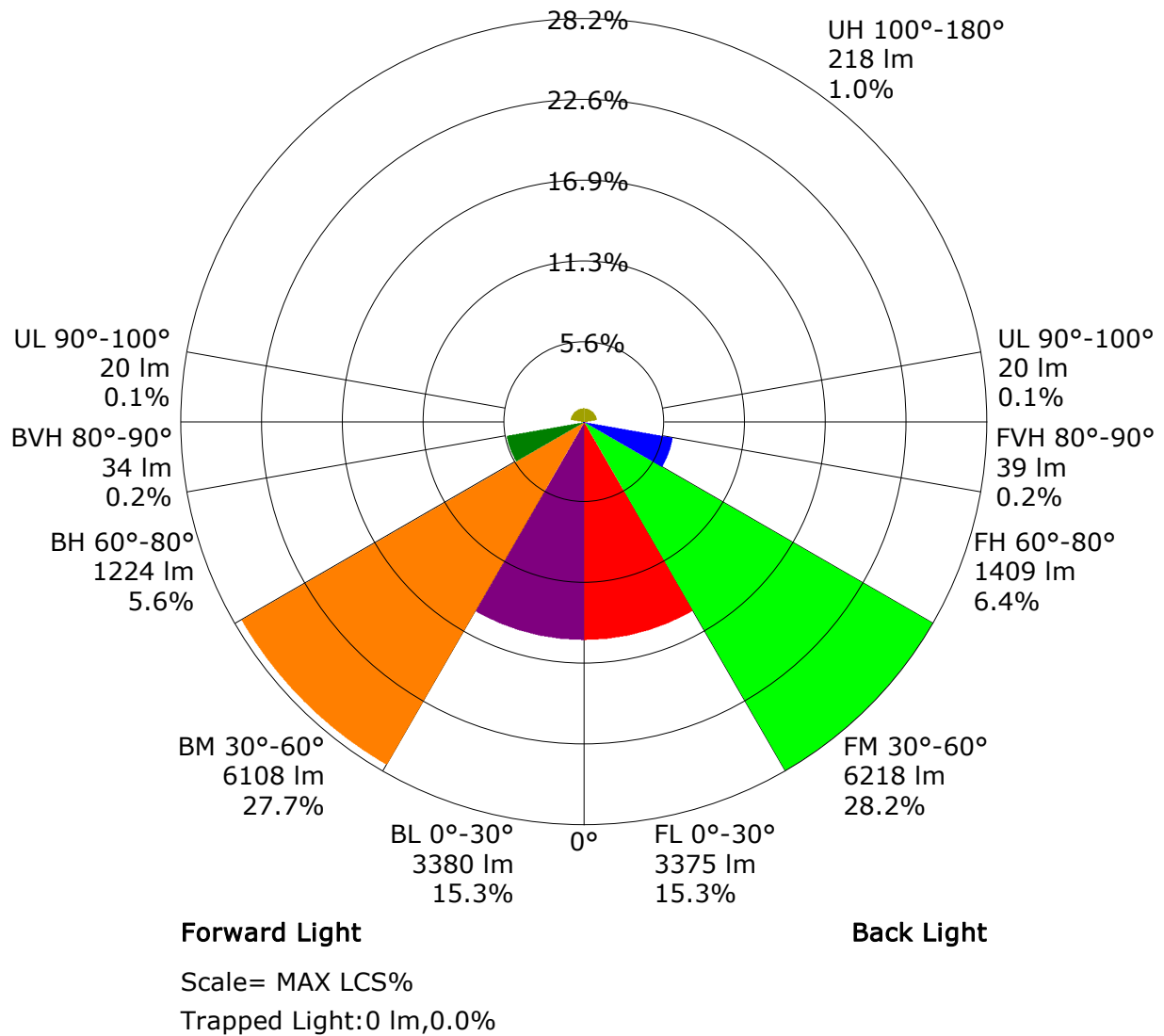
| ZONE           | LUMENS | % LAMP LUMENS |
|----------------|--------|---------------|
| FORWARD LIGHT  | 11041  | 50.1          |
| FL ( 0°-30°)   | 3375   | 15.3          |
| FM (30°-60°)   | 6218   | 28.2          |
| FH (60°-80°)   | 1409   | 6.4           |
| FVH (80°-90°)  | 39     | 0.2           |
| BACK LIGHT     | 10745  | 48.8          |
| BL ( 0°-30°)   | 3380   | 15.3          |
| BM (30°-60°)   | 6108   | 27.7          |
| BH (60°-80°)   | 1224   | 5.6           |
| BVH (80°-90°)  | 34     | 0.2           |
| UP LIGHT       | 238    | 1.1           |
| UL (90°-100°)  | 20     | 0.1           |
| UH (100°-180°) | 218    | 1.0           |
| TRAPPED LIGHT  | 0      | 0.0           |

| BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07             |          |
|------------------------------------------------------------------|----------|
| Asymmetrical Luminaire Types<br>(Type I,II,III,IV)               | B4 U3 G3 |
| Quadrilateral Symmetrical Luminaire Types<br>(Type V,Area Light) | B4 U3 G1 |

C Plane (°):0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## LCS Graph



## Utilisation Factor Table(Floor cavity)

| Utilisation Factors UF(F)                                                                                                                                                                         |      |       | SHR NOM = 1.25 |      |      |      |      |      |      |      |      |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| Room Reflectance                                                                                                                                                                                  |      |       | Room Index(RI) |      |      |      |      |      |      |      |      |  |
| Ceiling                                                                                                                                                                                           | Wall | Floor | 0.75           | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 |  |
| 0.70                                                                                                                                                                                              | 0.50 | 0.20  | 0.61           | 0.72 | 0.79 | 0.84 | 0.91 | 0.96 | 0.99 | 1.03 | 1.05 |  |
|                                                                                                                                                                                                   | 0.30 |       | 0.53           | 0.65 | 0.72 | 0.78 | 0.86 | 0.91 | 0.95 | 0.99 | 1.03 |  |
|                                                                                                                                                                                                   | 0.20 |       | 0.48           | 0.59 | 0.67 | 0.73 | 0.81 | 0.87 | 0.91 | 0.96 | 1.00 |  |
| 0.50                                                                                                                                                                                              | 0.50 | 0.20  | 0.59           | 0.69 | 0.76 | 0.81 | 0.88 | 0.92 | 0.95 | 0.99 | 1.01 |  |
|                                                                                                                                                                                                   | 0.30 |       | 0.52           | 0.63 | 0.71 | 0.76 | 0.83 | 0.88 | 0.92 | 0.96 | 0.99 |  |
|                                                                                                                                                                                                   | 0.20 |       | 0.48           | 0.59 | 0.66 | 0.72 | 0.79 | 0.85 | 0.88 | 0.93 | 0.97 |  |
| 0.30                                                                                                                                                                                              | 0.50 | 0.20  | 0.58           | 0.68 | 0.74 | 0.79 | 0.85 | 0.89 | 0.92 | 0.95 | 0.97 |  |
|                                                                                                                                                                                                   | 0.30 |       | 0.52           | 0.62 | 0.69 | 0.74 | 0.81 | 0.86 | 0.89 | 0.93 | 0.95 |  |
|                                                                                                                                                                                                   | 0.20 |       | 0.47           | 0.58 | 0.65 | 0.71 | 0.78 | 0.83 | 0.86 | 0.91 | 0.93 |  |
| 0.00                                                                                                                                                                                              | 0.00 | 0.00  | 0.45           | 0.55 | 0.62 | 0.68 | 0.74 | 0.79 | 0.82 | 0.86 | 0.88 |  |
| <p>Rating:184W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p> |      |       |                |      |      |      |      |      |      |      |      |  |

## Utilisation Factor Table(Wall)

| Utilisation Factors UF(W)                                                                                                                                                                         |      |       | SHR NOM = 1.25 |      |      |      |      |      |      |      |      |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| Room Reflectance                                                                                                                                                                                  |      |       | Room Index(RI) |      |      |      |      |      |      |      |      |  |
| Ceiling                                                                                                                                                                                           | Wall | Floor | 0.75           | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 |  |
| 0.70                                                                                                                                                                                              | 0.50 | 0.20  | 0.93           | 0.75 | 0.63 | 0.54 | 0.42 | 0.35 | 0.30 | 0.23 | 0.18 |  |
|                                                                                                                                                                                                   | 0.30 |       | 0.78           | 0.64 | 0.55 | 0.48 | 0.38 | 0.32 | 0.27 | 0.21 | 0.17 |  |
|                                                                                                                                                                                                   | 0.20 |       | 0.67           | 0.56 | 0.49 | 0.43 | 0.35 | 0.29 | 0.25 | 0.20 | 0.17 |  |
| 0.50                                                                                                                                                                                              | 0.50 | 0.20  | 0.90           | 0.72 | 0.60 | 0.52 | 0.40 | 0.36 | 0.28 | 0.21 | 0.17 |  |
|                                                                                                                                                                                                   | 0.30 |       | 0.76           | 0.62 | 0.53 | 0.46 | 0.37 | 0.30 | 0.26 | 0.20 | 0.16 |  |
|                                                                                                                                                                                                   | 0.20 |       | 0.66           | 0.55 | 0.48 | 0.42 | 0.34 | 0.28 | 0.25 | 0.19 | 0.16 |  |
| 0.30                                                                                                                                                                                              | 0.50 | 0.20  | 0.87           | 0.69 | 0.57 | 0.49 | 0.38 | 0.31 | 0.26 | 0.20 | 0.16 |  |
|                                                                                                                                                                                                   | 0.30 |       | 0.74           | 0.61 | 0.51 | 0.45 | 0.35 | 0.29 | 0.25 | 0.19 | 0.16 |  |
|                                                                                                                                                                                                   | 0.20 |       | 0.65           | 0.54 | 0.47 | 0.41 | 0.33 | 0.27 | 0.23 | 0.18 | 0.15 |  |
| 0.00                                                                                                                                                                                              | 0.00 | 0.00  | 0.54           | 0.44 | 0.37 | 0.32 | 0.25 | 0.20 | 0.17 | 0.13 | 0.11 |  |
| <p>Rating:184W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p> |      |       |                |      |      |      |      |      |      |      |      |  |

## Utilisation Factor Table(Ceiling cavity)

| Utilisation Factors UF(C)                                                                                                                                                                         |      |       | SHR NOM = 1.25 |      |      |      |      |      |      |      |      |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| Room Reflectance                                                                                                                                                                                  |      |       | Room Index(RI) |      |      |      |      |      |      |      |      |  |
| Ceiling                                                                                                                                                                                           | Wall | Floor | 0.75           | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 |  |
| 0.70                                                                                                                                                                                              | 0.50 | 0.20  | 0.17           | 0.18 | 0.19 | 0.19 | 0.20 | 0.21 | 0.21 | 0.22 | 0.22 |  |
|                                                                                                                                                                                                   | 0.30 |       | 0.10           | 0.12 | 0.13 | 0.14 | 0.16 | 0.17 | 0.18 | 0.20 | 0.20 |  |
|                                                                                                                                                                                                   | 0.20 |       | 0.06           | 0.08 | 0.09 | 0.11 | 0.13 | 0.14 | 0.15 | 0.17 | 0.18 |  |
| 0.50                                                                                                                                                                                              | 0.50 | 0.20  | 0.16           | 0.17 | 0.18 | 0.19 | 0.20 | 0.20 | 0.21 | 0.21 | 0.21 |  |
|                                                                                                                                                                                                   | 0.30 |       | 0.10           | 0.12 | 0.13 | 0.14 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 |  |
|                                                                                                                                                                                                   | 0.20 |       | 0.06           | 0.08 | 0.09 | 0.10 | 0.12 | 0.14 | 0.15 | 0.17 | 0.18 |  |
| 0.30                                                                                                                                                                                              | 0.50 | 0.20  | 0.16           | 0.17 | 0.18 | 0.18 | 0.19 | 0.19 | 0.20 | 0.20 | 0.21 |  |
|                                                                                                                                                                                                   | 0.30 |       | 0.10           | 0.12 | 0.13 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 |  |
|                                                                                                                                                                                                   | 0.20 |       | 0.06           | 0.07 | 0.09 | 0.10 | 0.12 | 0.14 | 0.15 | 0.16 | 0.17 |  |
| 0.00                                                                                                                                                                                              | 0.00 | 0.00  | 0.01           | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |  |
| <p>Rating:184W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p> |      |       |                |      |      |      |      |      |      |      |      |  |

## Zonal Lumen

| Gamma<br>[°] | I <sub>mean</sub><br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 0.0-1.0      | 7839.3                    | 7.5                | 7.5                    | 0.03                  | 0.03                      |
| 1.0-2.0      | 7839.3                    | 22.5               | 30.0                   | 0.10                  | 0.14                      |
| 2.0-3.0      | 7838.9                    | 37.5               | 67.5                   | 0.17                  | 0.31                      |
| 3.0-4.0      | 7841.5                    | 52.5               | 120.0                  | 0.24                  | 0.54                      |
| 4.0-5.0      | 7845.4                    | 67.5               | 187.5                  | 0.31                  | 0.85                      |
| 5.0-6.0      | 7848.8                    | 82.5               | 270.0                  | 0.37                  | 1.23                      |
| 6.0-7.0      | 7854.2                    | 97.5               | 367.5                  | 0.44                  | 1.67                      |
| 7.0-8.0      | 7864.0                    | 112.6              | 480.1                  | 0.51                  | 2.18                      |
| 8.0-9.0      | 7878.3                    | 127.7              | 607.8                  | 0.58                  | 2.76                      |
| 9.0-10.0     | 7895.7                    | 142.9              | 750.7                  | 0.65                  | 3.41                      |
| 10.0-11.0    | 7918.1                    | 158.2              | 908.9                  | 0.72                  | 4.13                      |
| 11.0-12.0    | 7948.6                    | 173.8              | 1082.7                 | 0.79                  | 4.92                      |
| 12.0-13.0    | 7988.6                    | 189.6              | 1272.3                 | 0.86                  | 5.78                      |
| 13.0-14.0    | 8039.3                    | 205.8              | 1478.1                 | 0.93                  | 6.71                      |
| 14.0-15.0    | 8097.9                    | 222.3              | 1700.4                 | 1.01                  | 7.72                      |
| 15.0-16.0    | 8156.7                    | 239.0              | 1939.5                 | 1.09                  | 8.81                      |
| 16.0-17.0    | 8209.9                    | 255.7              | 2195.2                 | 1.16                  | 9.97                      |
| 17.0-18.0    | 8251.5                    | 272.1              | 2467.3                 | 1.24                  | 11.20                     |
| 18.0-19.0    | 8275.0                    | 287.9              | 2755.2                 | 1.31                  | 12.51                     |
| 19.0-20.0    | 8278.2                    | 303.0              | 3058.2                 | 1.38                  | 13.89                     |
| 20.0-21.0    | 8261.0                    | 317.3              | 3375.5                 | 1.44                  | 15.33                     |
| 21.0-22.0    | 8227.9                    | 330.7              | 3706.2                 | 1.50                  | 16.83                     |
| 22.0-23.0    | 8182.1                    | 343.4              | 4049.5                 | 1.56                  | 18.39                     |
| 23.0-24.0    | 8125.5                    | 355.3              | 4404.8                 | 1.61                  | 20.00                     |
| 24.0-25.0    | 8062.4                    | 366.6              | 4771.5                 | 1.66                  | 21.66                     |
| 25.0-26.0    | 7995.0                    | 377.4              | 5148.9                 | 1.71                  | 23.38                     |
| 26.0-27.0    | 7922.1                    | 387.6              | 5536.6                 | 1.76                  | 25.14                     |
| 27.0-28.0    | 7845.8                    | 397.3              | 5933.8                 | 1.80                  | 26.94                     |
| 28.0-29.0    | 7766.2                    | 406.4              | 6340.2                 | 1.85                  | 28.79                     |
| 29.0-30.0    | 7678.5                    | 414.6              | 6754.8                 | 1.88                  | 30.67                     |
| 30.0-31.0    | 7583.6                    | 422.1              | 7176.9                 | 1.92                  | 32.59                     |
| 31.0-32.0    | 7483.2                    | 428.8              | 7605.7                 | 1.95                  | 34.53                     |
| 32.0-33.0    | 7375.3                    | 434.6              | 8040.3                 | 1.97                  | 36.51                     |
| 33.0-34.0    | 7260.9                    | 439.5              | 8479.7                 | 2.00                  | 38.50                     |
| 34.0-35.0    | 7140.8                    | 443.5              | 8923.3                 | 2.01                  | 40.52                     |
| 35.0-36.0    | 7016.6                    | 446.8              | 9370.1                 | 2.03                  | 42.54                     |

C Plane (°):0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## Zonal Lumen (Continue 1)

| Gamma<br>[°] | Imean<br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------|--------------------|------------------------|-----------------------|---------------------------|
| 36.0-37.0    | 6889.5        | 449.4              | 9819.5                 | 2.04                  | 44.58                     |
| 37.0-38.0    | 6760.5        | 451.3              | 10270.8                | 2.05                  | 46.63                     |
| 38.0-39.0    | 6630.6        | 452.6              | 10723.4                | 2.06                  | 48.69                     |
| 39.0-40.0    | 6500.0        | 453.4              | 11176.8                | 2.06                  | 50.75                     |
| 40.0-41.0    | 6368.8        | 453.6              | 11630.4                | 2.06                  | 52.81                     |
| 41.0-42.0    | 6237.0        | 453.2              | 12083.6                | 2.06                  | 54.87                     |
| 42.0-43.0    | 6087.5        | 451.0              | 12534.6                | 2.05                  | 56.91                     |
| 43.0-44.0    | 5910.8        | 446.2              | 12980.8                | 2.03                  | 58.94                     |
| 44.0-45.0    | 5734.2        | 440.7              | 13421.5                | 2.00                  | 60.94                     |
| 45.0-46.0    | 5571.5        | 435.8              | 13857.3                | 1.98                  | 62.92                     |
| 46.0-47.0    | 5396.5        | 429.3              | 14286.6                | 1.95                  | 64.87                     |
| 47.0-48.0    | 5189.2        | 419.5              | 14706.1                | 1.90                  | 66.77                     |
| 48.0-49.0    | 4978.2        | 408.9              | 15115.0                | 1.86                  | 68.63                     |
| 49.0-50.0    | 4792.8        | 399.7              | 15514.6                | 1.81                  | 70.44                     |
| 50.0-51.0    | 4629.9        | 391.8              | 15906.4                | 1.78                  | 72.22                     |
| 51.0-52.0    | 4483.1        | 384.7              | 16291.2                | 1.75                  | 73.97                     |
| 52.0-53.0    | 4344.8        | 378.0              | 16669.1                | 1.72                  | 75.69                     |
| 53.0-54.0    | 4203.9        | 370.6              | 17039.7                | 1.68                  | 77.37                     |
| 54.0-55.0    | 4060.1        | 362.5              | 17402.2                | 1.65                  | 79.01                     |
| 55.0-56.0    | 3919.1        | 354.2              | 17756.4                | 1.61                  | 80.62                     |
| 56.0-57.0    | 3779.1        | 345.6              | 18102.0                | 1.57                  | 82.19                     |
| 57.0-58.0    | 3637.3        | 336.4              | 18438.4                | 1.53                  | 83.72                     |
| 58.0-59.0    | 3491.6        | 326.5              | 18764.8                | 1.48                  | 85.20                     |
| 59.0-60.0    | 3340.5        | 315.6              | 19080.5                | 1.43                  | 86.63                     |
| 60.0-61.0    | 3175.2        | 303.1              | 19383.5                | 1.38                  | 88.01                     |
| 61.0-62.0    | 2976.5        | 286.8              | 19670.4                | 1.30                  | 89.31                     |
| 62.0-63.0    | 2746.7        | 267.2              | 19937.5                | 1.21                  | 90.53                     |
| 63.0-64.0    | 2491.8        | 244.5              | 20182.1                | 1.11                  | 91.64                     |
| 64.0-65.0    | 2217.1        | 219.4              | 20401.5                | 1.00                  | 92.63                     |
| 65.0-66.0    | 1940.8        | 193.7              | 20595.2                | 0.88                  | 93.51                     |
| 66.0-67.0    | 1680.2        | 169.0              | 20764.2                | 0.77                  | 94.28                     |
| 67.0-68.0    | 1438.5        | 145.7              | 20909.9                | 0.66                  | 94.94                     |
| 68.0-69.0    | 1227.9        | 125.3              | 21035.2                | 0.57                  | 95.51                     |
| 69.0-70.0    | 1065.5        | 109.4              | 21144.6                | 0.50                  | 96.01                     |
| 70.0-71.0    | 945.0         | 97.7               | 21242.3                | 0.44                  | 96.45                     |
| 71.0-72.0    | 852.0         | 88.6               | 21330.9                | 0.40                  | 96.85                     |

C Plane (°):0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## Zonal Lumen (Continue 2)

| Gamma<br>[°] | I <sub>mean</sub><br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 72.0-73.0    | 769.2                     | 80.4               | 21411.4                | 0.37                  | 97.22                     |
| 73.0-74.0    | 680.9                     | 71.6               | 21483.0                | 0.33                  | 97.54                     |
| 74.0-75.0    | 584.0                     | 61.7               | 21544.7                | 0.28                  | 97.82                     |
| 75.0-76.0    | 489.8                     | 52.0               | 21596.7                | 0.24                  | 98.06                     |
| 76.0-77.0    | 392.8                     | 41.9               | 21638.6                | 0.19                  | 98.25                     |
| 77.0-78.0    | 294.3                     | 31.5               | 21670.1                | 0.14                  | 98.39                     |
| 78.0-79.0    | 221.1                     | 23.8               | 21693.8                | 0.11                  | 98.50                     |
| 79.0-80.0    | 178.8                     | 19.3               | 21713.1                | 0.09                  | 98.59                     |
| 80.0-81.0    | 148.7                     | 16.1               | 21729.2                | 0.07                  | 98.66                     |
| 81.0-82.0    | 122.4                     | 13.3               | 21742.5                | 0.06                  | 98.72                     |
| 82.0-83.0    | 99.6                      | 10.8               | 21753.3                | 0.05                  | 98.77                     |
| 83.0-84.0    | 78.6                      | 8.6                | 21761.9                | 0.04                  | 98.81                     |
| 84.0-85.0    | 61.3                      | 6.7                | 21768.6                | 0.03                  | 98.84                     |
| 85.0-86.0    | 47.9                      | 5.2                | 21773.8                | 0.02                  | 98.86                     |
| 86.0-87.0    | 37.7                      | 4.1                | 21777.9                | 0.02                  | 98.88                     |
| 87.0-88.0    | 30.4                      | 3.3                | 21781.2                | 0.02                  | 98.90                     |
| 88.0-89.0    | 24.4                      | 2.7                | 21783.9                | 0.01                  | 98.91                     |
| 89.0-90.0    | 20.2                      | 2.2                | 21786.1                | 0.01                  | 98.92                     |
| 90.0-91.0    | 17.7                      | 1.9                | 21788.1                | 0.01                  | 98.93                     |
| 91.0-92.0    | 16.3                      | 1.8                | 21789.9                | 0.01                  | 98.94                     |
| 92.0-93.0    | 16.1                      | 1.8                | 21791.6                | 0.01                  | 98.94                     |
| 93.0-94.0    | 16.5                      | 1.8                | 21793.4                | 0.01                  | 98.95                     |
| 94.0-95.0    | 17.1                      | 1.9                | 21795.3                | 0.01                  | 98.96                     |
| 95.0-96.0    | 17.9                      | 1.9                | 21797.3                | 0.01                  | 98.97                     |
| 96.0-97.0    | 18.7                      | 2.0                | 21799.3                | 0.01                  | 98.98                     |
| 97.0-98.0    | 19.5                      | 2.1                | 21801.4                | 0.01                  | 98.99                     |
| 98.0-99.0    | 20.4                      | 2.2                | 21803.6                | 0.01                  | 99.00                     |
| 99.0-100.0   | 21.3                      | 2.3                | 21805.9                | 0.01                  | 99.01                     |
| 100.0-101.0  | 22.2                      | 2.4                | 21808.3                | 0.01                  | 99.02                     |
| 101.0-102.0  | 23.1                      | 2.5                | 21810.8                | 0.01                  | 99.03                     |
| 102.0-103.0  | 24.0                      | 2.6                | 21813.4                | 0.01                  | 99.04                     |
| 103.0-104.0  | 24.9                      | 2.7                | 21816.0                | 0.01                  | 99.05                     |
| 104.0-105.0  | 25.8                      | 2.7                | 21818.8                | 0.01                  | 99.07                     |
| 105.0-106.0  | 26.7                      | 2.8                | 21821.6                | 0.01                  | 99.08                     |
| 106.0-107.0  | 27.6                      | 2.9                | 21824.5                | 0.01                  | 99.09                     |
| 107.0-108.0  | 28.4                      | 3.0                | 21827.5                | 0.01                  | 99.11                     |

C Plane (°):0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## Zonal Lumen (Continue 3)

| Gamma<br>[°] | I <sub>mean</sub><br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 108.0-109.0  | 29.2                      | 3.0                | 21830.5                | 0.01                  | 99.12                     |
| 109.0-110.0  | 30.0                      | 3.1                | 21833.6                | 0.01                  | 99.13                     |
| 110.0-111.0  | 30.8                      | 3.2                | 21836.8                | 0.01                  | 99.15                     |
| 111.0-112.0  | 31.6                      | 3.2                | 21840.0                | 0.01                  | 99.16                     |
| 112.0-113.0  | 32.3                      | 3.3                | 21843.3                | 0.01                  | 99.18                     |
| 113.0-114.0  | 33.1                      | 3.3                | 21846.6                | 0.02                  | 99.19                     |
| 114.0-115.0  | 33.8                      | 3.4                | 21850.0                | 0.02                  | 99.21                     |
| 115.0-116.0  | 34.5                      | 3.4                | 21853.4                | 0.02                  | 99.22                     |
| 116.0-117.0  | 35.1                      | 3.4                | 21856.8                | 0.02                  | 99.24                     |
| 117.0-118.0  | 35.8                      | 3.5                | 21860.3                | 0.02                  | 99.26                     |
| 118.0-119.0  | 36.4                      | 3.5                | 21863.8                | 0.02                  | 99.27                     |
| 119.0-120.0  | 37.0                      | 3.5                | 21867.4                | 0.02                  | 99.29                     |
| 120.0-121.0  | 37.6                      | 3.5                | 21870.9                | 0.02                  | 99.30                     |
| 121.0-122.0  | 38.2                      | 3.6                | 21874.5                | 0.02                  | 99.32                     |
| 122.0-123.0  | 38.8                      | 3.6                | 21878.1                | 0.02                  | 99.34                     |
| 123.0-124.0  | 39.5                      | 3.6                | 21881.7                | 0.02                  | 99.35                     |
| 124.0-125.0  | 40.2                      | 3.6                | 21885.3                | 0.02                  | 99.37                     |
| 125.0-126.0  | 40.8                      | 3.6                | 21889.0                | 0.02                  | 99.39                     |
| 126.0-127.0  | 41.4                      | 3.7                | 21892.6                | 0.02                  | 99.40                     |
| 127.0-128.0  | 42.1                      | 3.7                | 21896.3                | 0.02                  | 99.42                     |
| 128.0-129.0  | 42.7                      | 3.7                | 21899.9                | 0.02                  | 99.44                     |
| 129.0-130.0  | 43.4                      | 3.7                | 21903.6                | 0.02                  | 99.45                     |
| 130.0-131.0  | 44.0                      | 3.7                | 21907.3                | 0.02                  | 99.47                     |
| 131.0-132.0  | 44.7                      | 3.7                | 21910.9                | 0.02                  | 99.49                     |
| 132.0-133.0  | 45.3                      | 3.7                | 21914.6                | 0.02                  | 99.50                     |
| 133.0-134.0  | 45.9                      | 3.6                | 21918.3                | 0.02                  | 99.52                     |
| 134.0-135.0  | 46.4                      | 3.6                | 21921.9                | 0.02                  | 99.54                     |
| 135.0-136.0  | 47.0                      | 3.6                | 21925.5                | 0.02                  | 99.55                     |
| 136.0-137.0  | 47.6                      | 3.6                | 21929.1                | 0.02                  | 99.57                     |
| 137.0-138.0  | 48.1                      | 3.6                | 21932.7                | 0.02                  | 99.58                     |
| 138.0-139.0  | 48.7                      | 3.5                | 21936.2                | 0.02                  | 99.60                     |
| 139.0-140.0  | 49.3                      | 3.5                | 21939.7                | 0.02                  | 99.62                     |
| 140.0-141.0  | 49.9                      | 3.5                | 21943.2                | 0.02                  | 99.63                     |
| 141.0-142.0  | 50.6                      | 3.5                | 21946.6                | 0.02                  | 99.65                     |
| 142.0-143.0  | 51.2                      | 3.4                | 21950.1                | 0.02                  | 99.66                     |
| 143.0-144.0  | 51.8                      | 3.4                | 21953.4                | 0.02                  | 99.68                     |

C Plane (°): 0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°): 0.0-180.0: 1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## Zonal Lumen (Continue 4)

| Gamma<br>[°] | I <sub>mean</sub><br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 144.0-145.0  | 52.4                      | 3.3                | 21956.8                | 0.02                  | 99.69                     |
| 145.0-146.0  | 53.0                      | 3.3                | 21960.1                | 0.01                  | 99.71                     |
| 146.0-147.0  | 53.6                      | 3.2                | 21963.3                | 0.01                  | 99.72                     |
| 147.0-148.0  | 54.2                      | 3.2                | 21966.5                | 0.01                  | 99.74                     |
| 148.0-149.0  | 54.8                      | 3.1                | 21969.7                | 0.01                  | 99.75                     |
| 149.0-150.0  | 55.4                      | 3.1                | 21972.7                | 0.01                  | 99.77                     |
| 150.0-151.0  | 56.0                      | 3.0                | 21975.8                | 0.01                  | 99.78                     |
| 151.0-152.0  | 56.6                      | 3.0                | 21978.7                | 0.01                  | 99.79                     |
| 152.0-153.0  | 57.2                      | 2.9                | 21981.6                | 0.01                  | 99.81                     |
| 153.0-154.0  | 57.8                      | 2.8                | 21984.4                | 0.01                  | 99.82                     |
| 154.0-155.0  | 58.4                      | 2.8                | 21987.2                | 0.01                  | 99.83                     |
| 155.0-156.0  | 58.9                      | 2.7                | 21989.9                | 0.01                  | 99.84                     |
| 156.0-157.0  | 59.5                      | 2.6                | 21992.5                | 0.01                  | 99.86                     |
| 157.0-158.0  | 60.1                      | 2.5                | 21995.0                | 0.01                  | 99.87                     |
| 158.0-159.0  | 60.6                      | 2.4                | 21997.4                | 0.01                  | 99.88                     |
| 159.0-160.0  | 61.2                      | 2.3                | 21999.8                | 0.01                  | 99.89                     |
| 160.0-161.0  | 61.7                      | 2.3                | 22002.0                | 0.01                  | 99.90                     |
| 161.0-162.0  | 62.2                      | 2.2                | 22004.2                | 0.01                  | 99.91                     |
| 162.0-163.0  | 62.7                      | 2.1                | 22006.3                | 0.01                  | 99.92                     |
| 163.0-164.0  | 63.2                      | 2.0                | 22008.2                | 0.01                  | 99.93                     |
| 164.0-165.0  | 63.7                      | 1.9                | 22010.1                | 0.01                  | 99.94                     |
| 165.0-166.0  | 64.2                      | 1.8                | 22011.9                | 0.01                  | 99.94                     |
| 166.0-167.0  | 64.7                      | 1.7                | 22013.5                | 0.01                  | 99.95                     |
| 167.0-168.0  | 65.1                      | 1.5                | 22015.1                | 0.01                  | 99.96                     |
| 168.0-169.0  | 65.6                      | 1.4                | 22016.5                | 0.01                  | 99.96                     |
| 169.0-170.0  | 66.0                      | 1.3                | 22017.8                | 0.01                  | 99.97                     |
| 170.0-171.0  | 66.3                      | 1.2                | 22019.0                | 0.01                  | 99.98                     |
| 171.0-172.0  | 66.7                      | 1.1                | 22020.1                | 0.00                  | 99.98                     |
| 172.0-173.0  | 67.1                      | 1.0                | 22021.1                | 0.00                  | 99.99                     |
| 173.0-174.0  | 67.4                      | 0.8                | 22021.9                | 0.00                  | 99.99                     |
| 174.0-175.0  | 67.7                      | 0.7                | 22022.6                | 0.00                  | 99.99                     |
| 175.0-176.0  | 67.9                      | 0.6                | 22023.2                | 0.00                  | 100.00                    |
| 176.0-177.0  | 68.0                      | 0.5                | 22023.7                | 0.00                  | 100.00                    |
| 177.0-178.0  | 68.1                      | 0.3                | 22024.0                | 0.00                  | 100.00                    |
| 178.0-179.0  | 68.2                      | 0.2                | 22024.2                | 0.00                  | 100.00                    |
| 179.0-180.0  | 68.3                      | 0.1                | 22024.2                | 0.00                  | 100.00                    |

C Plane (°):0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## Candlepower Table

Unit: cd

| G\C   | C0.0   | C30.0  | C60.0  | C90.0  | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| G0.0  | 7909.8 | 7861.1 | 7833.5 | 7823.7 | 7810.4 | 7792.6 | 7909.8 | 7861.1 | 7833.5 | 7823.7 |
| G1.0  | 7907.3 | 7858.6 | 7836.3 | 7832.8 | 7818.2 | 7795.9 | 7906.8 | 7862.9 | 7837.3 | 7826.7 |
| G2.0  | 7904.3 | 7858.1 | 7840.8 | 7832.3 | 7816.0 | 7794.6 | 7903.8 | 7862.1 | 7832.0 | 7823.2 |
| G3.0  | 7901.3 | 7860.6 | 7841.8 | 7840.5 | 7819.5 | 7787.8 | 7900.5 | 7854.6 | 7840.3 | 7833.5 |
| G4.0  | 7897.0 | 7861.4 | 7849.3 | 7855.1 | 7828.5 | 7782.8 | 7894.5 | 7854.6 | 7853.9 | 7849.3 |
| G5.0  | 7890.8 | 7858.9 | 7862.4 | 7878.0 | 7844.3 | 7778.8 | 7885.7 | 7853.4 | 7860.6 | 7853.9 |
| G6.0  | 7880.7 | 7854.1 | 7882.5 | 7894.3 | 7853.1 | 7775.8 | 7874.7 | 7855.1 | 7864.9 | 7869.9 |
| G7.0  | 7865.9 | 7849.8 | 7897.0 | 7933.7 | 7866.9 | 7771.0 | 7860.1 | 7855.6 | 7886.0 | 7905.3 |
| G8.0  | 7851.3 | 7847.3 | 7918.4 | 7980.1 | 7896.0 | 7767.8 | 7842.5 | 7846.8 | 7917.9 | 7952.3 |
| G9.0  | 7832.8 | 7847.6 | 7957.3 | 8037.1 | 7934.9 | 7758.2 | 7825.2 | 7839.0 | 7953.3 | 8007.7 |
| G10.0 | 7815.4 | 7841.0 | 7996.9 | 8113.2 | 7975.9 | 7739.6 | 7800.6 | 7828.0 | 7998.7 | 8084.8 |
| G11.0 | 7791.3 | 7832.3 | 8043.6 | 8211.6 | 8031.6 | 7724.8 | 7776.0 | 7827.7 | 8062.2 | 8183.5 |
| G12.0 | 7762.5 | 7823.2 | 8107.1 | 8336.8 | 8094.8 | 7717.0 | 7747.4 | 7825.5 | 8140.8 | 8308.2 |
| G13.0 | 7732.4 | 7811.4 | 8188.2 | 8477.9 | 8181.7 | 7714.5 | 7716.8 | 7825.7 | 8235.9 | 8461.1 |
| G14.0 | 7704.7 | 7803.9 | 8296.9 | 8629.3 | 8282.1 | 7715.0 | 7684.9 | 7821.2 | 8357.4 | 8649.1 |
| G15.0 | 7675.4 | 7805.9 | 8425.5 | 8778.7 | 8396.3 | 7704.7 | 7651.5 | 7816.7 | 8497.8 | 8817.6 |
| G16.0 | 7640.0 | 7803.4 | 8542.7 | 8901.7 | 8515.6 | 7694.4 | 7615.4 | 7816.2 | 8652.9 | 8948.9 |
| G17.0 | 7601.6 | 7797.6 | 8667.7 | 8976.0 | 8631.5 | 7690.2 | 7578.5 | 7825.7 | 8793.5 | 9033.0 |
| G18.0 | 7560.1 | 7806.4 | 8779.4 | 8993.8 | 8723.4 | 7688.2 | 7541.1 | 7829.3 | 8883.3 | 9062.3 |
| G19.0 | 7518.2 | 7817.7 | 8849.2 | 8963.2 | 8783.2 | 7690.2 | 7497.6 | 7844.6 | 8940.3 | 9036.2 |
| G20.0 | 7473.3 | 7822.5 | 8875.3 | 8892.4 | 8806.0 | 7696.5 | 7451.7 | 7865.6 | 8948.6 | 8971.5 |
| G21.0 | 7417.5 | 7839.8 | 8863.8 | 8794.2 | 8778.9 | 7702.5 | 7405.3 | 7894.0 | 8908.2 | 8867.5 |
| G22.0 | 7364.6 | 7859.6 | 8805.5 | 8683.8 | 8718.7 | 7709.8 | 7355.0 | 7935.2 | 8836.7 | 8751.8 |
| G23.0 | 7315.9 | 7890.8 | 8716.2 | 8557.3 | 8627.5 | 7734.1 | 7298.1 | 7977.9 | 8733.0 | 8610.0 |
| G24.0 | 7260.9 | 7917.9 | 8607.2 | 8428.7 | 8522.4 | 7752.9 | 7241.3 | 8031.8 | 8621.8 | 8446.0 |
| G25.0 | 7201.7 | 7964.3 | 8475.2 | 8297.4 | 8406.4 | 7779.3 | 7182.3 | 8086.8 | 8477.7 | 8281.6 |
| G26.0 | 7138.7 | 8010.3 | 8335.3 | 8149.3 | 8279.9 | 7806.1 | 7119.8 | 8143.0 | 8323.8 | 8123.5 |
| G27.0 | 7081.4 | 8042.6 | 8194.8 | 7993.9 | 8144.3 | 7826.2 | 7059.8 | 8176.4 | 8159.9 | 7955.8 |
| G28.0 | 7022.9 | 8068.7 | 8068.0 | 7834.0 | 8009.5 | 7842.5 | 7004.9 | 8186.2 | 8007.7 | 7793.6 |
| G29.0 | 6977.2 | 8093.6 | 7929.4 | 7682.4 | 7859.1 | 7853.1 | 6924.3 | 8170.7 | 7849.8 | 7616.6 |
| G30.0 | 6907.5 | 8097.4 | 7773.8 | 7527.8 | 7703.5 | 7842.8 | 6850.2 | 8136.0 | 7671.6 | 7446.2 |
| G31.0 | 6854.7 | 8073.5 | 7616.9 | 7373.1 | 7541.8 | 7833.0 | 6772.9 | 8083.3 | 7499.1 | 7279.2 |
| G32.0 | 6792.5 | 8029.6 | 7463.2 | 7228.5 | 7368.9 | 7798.4 | 6692.6 | 8016.8 | 7328.4 | 7115.6 |
| G33.0 | 6723.7 | 7967.1 | 7310.4 | 7084.4 | 7212.5 | 7733.9 | 6612.5 | 7923.4 | 7155.2 | 6955.4 |
| G34.0 | 6655.2 | 7883.2 | 7157.7 | 6923.0 | 7057.8 | 7655.5 | 6539.2 | 7816.2 | 6991.8 | 6792.2 |
| G35.0 | 6581.4 | 7782.8 | 7005.1 | 6771.1 | 6908.2 | 7564.2 | 6456.3 | 7692.7 | 6824.6 | 6632.6 |
| G36.0 | 6501.3 | 7666.3 | 6860.8 | 6633.6 | 6751.6 | 7454.5 | 6378.8 | 7556.6 | 6668.5 | 6484.7 |

C Plane (°): 0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°): 0.0-180.0: 1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## Candlepower Table (Continue 1)

Unit: cd

| G\C   | C0.0   | C30.0  | C60.0  | C90.0  | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| G37.0 | 6423.5 | 7541.6 | 6705.1 | 6500.8 | 6610.7 | 7332.2 | 6300.2 | 7413.0 | 6500.8 | 6347.6 |
| G38.0 | 6338.1 | 7401.7 | 6546.0 | 6387.3 | 6458.6 | 7192.1 | 6223.6 | 7258.6 | 6351.2 | 6229.9 |
| G39.0 | 6254.0 | 7259.6 | 6404.1 | 6276.4 | 6306.5 | 7056.8 | 6135.5 | 7100.5 | 6198.8 | 6114.4 |
| G40.0 | 6162.6 | 7114.0 | 6267.8 | 6164.9 | 6172.7 | 6912.7 | 6039.9 | 6937.1 | 6061.7 | 5995.7 |
| G41.0 | 6073.5 | 6968.7 | 6144.3 | 6050.7 | 6039.6 | 6774.7 | 5939.7 | 6758.8 | 5937.5 | 5851.9 |
| G42.0 | 5975.1 | 6821.4 | 6028.3 | 5913.1 | 5909.6 | 6627.5 | 5844.6 | 6597.2 | 5821.0 | 5706.8 |
| G43.0 | 5881.0 | 6666.5 | 5909.8 | 5575.5 | 5794.1 | 6473.4 | 5745.4 | 6423.2 | 5693.0 | 5365.1 |
| G44.0 | 5783.1 | 6506.8 | 5790.4 | 5175.8 | 5679.6 | 6315.0 | 5639.0 | 6239.7 | 5547.1 | 4900.9 |
| G45.0 | 5675.9 | 6337.6 | 5671.1 | 4936.8 | 5557.1 | 6144.1 | 5517.7 | 6060.7 | 5393.5 | 4574.8 |
| G46.0 | 5562.7 | 6169.7 | 5525.0 | 4701.6 | 5427.6 | 5978.6 | 5402.3 | 5884.5 | 5199.4 | 4445.1 |
| G47.0 | 5449.2 | 6003.0 | 5220.5 | 4525.1 | 5177.8 | 5822.5 | 5283.3 | 5709.5 | 4791.5 | 4356.2 |
| G48.0 | 5332.0 | 5832.0 | 4851.0 | 4426.5 | 4753.3 | 5655.3 | 5159.0 | 5539.3 | 4370.0 | 4252.5 |
| G49.0 | 5211.0 | 5661.6 | 4617.3 | 4336.9 | 4489.5 | 5461.0 | 5024.7 | 5357.3 | 4146.1 | 4132.3 |
| G50.0 | 5088.0 | 5497.6 | 4375.8 | 4233.9 | 4269.3 | 5276.0 | 4898.4 | 5171.8 | 4035.1 | 4009.0 |
| G51.0 | 4961.4 | 5328.2 | 4183.5 | 4122.0 | 4076.8 | 5103.5 | 4765.6 | 4976.0 | 3934.7 | 3889.3 |
| G52.0 | 4832.4 | 5135.1 | 4078.6 | 4011.8 | 3960.1 | 4925.8 | 4631.1 | 4793.2 | 3813.0 | 3778.1 |
| G53.0 | 4706.4 | 4953.4 | 3984.7 | 3903.3 | 3861.9 | 4755.8 | 4489.0 | 4614.5 | 3678.4 | 3669.4 |
| G54.0 | 4573.1 | 4764.9 | 3866.2 | 3796.4 | 3744.9 | 4560.8 | 4346.9 | 4443.3 | 3555.9 | 3549.4 |
| G55.0 | 4440.8 | 4596.7 | 3742.7 | 3691.5 | 3631.5 | 4372.5 | 4200.3 | 4277.6 | 3431.6 | 3432.6 |
| G56.0 | 4302.5 | 4441.3 | 3624.9 | 3581.3 | 3511.7 | 4199.8 | 4053.2 | 4116.2 | 3314.1 | 3312.9 |
| G57.0 | 4156.6 | 4284.1 | 3508.9 | 3462.0 | 3391.5 | 4037.4 | 3906.3 | 3953.3 | 3191.6 | 3183.9 |
| G58.0 | 4012.3 | 4123.7 | 3397.0 | 3328.2 | 3274.7 | 3879.7 | 3760.0 | 3770.8 | 3066.9 | 3037.8 |
| G59.0 | 3865.7 | 3959.3 | 3282.3 | 3203.7 | 3159.5 | 3716.1 | 3598.6 | 3571.0 | 2941.9 | 2874.6 |
| G60.0 | 3716.8 | 3785.1 | 3152.0 | 3052.6 | 3037.0 | 3565.7 | 3443.4 | 3383.9 | 2800.5 | 2674.0 |
| G61.0 | 3570.0 | 3601.8 | 3025.7 | 2871.6 | 2902.5 | 3404.0 | 3288.8 | 3088.5 | 2664.2 | 2393.6 |
| G62.0 | 3410.1 | 3339.8 | 2889.4 | 2631.6 | 2769.9 | 3209.7 | 3126.6 | 2691.1 | 2495.3 | 1942.3 |
| G63.0 | 3261.4 | 3014.4 | 2749.1 | 2278.6 | 2621.6 | 2922.3 | 2965.5 | 2495.5 | 2301.5 | 1396.0 |
| G64.0 | 3104.3 | 2780.2 | 2589.9 | 1803.2 | 2433.8 | 2572.9 | 2799.0 | 2332.6 | 1996.7 | 847.7  |
| G65.0 | 2944.9 | 2549.5 | 2404.9 | 1279.5 | 2226.4 | 2357.2 | 2633.6 | 2189.0 | 1476.3 | 485.0  |
| G66.0 | 2785.5 | 2383.6 | 2085.6 | 781.2  | 1933.5 | 2163.7 | 2471.4 | 2041.2 | 893.7  | 308.5  |
| G67.0 | 2625.3 | 2243.5 | 1638.0 | 473.2  | 1546.6 | 2033.9 | 2307.0 | 1896.3 | 492.5  | 231.7  |
| G68.0 | 2462.4 | 2094.4 | 1081.7 | 288.7  | 1074.2 | 1887.5 | 2137.8 | 1745.7 | 284.4  | 193.6  |
| G69.0 | 2299.7 | 1957.1 | 626.1  | 215.9  | 658.0  | 1746.2 | 1976.4 | 1618.9 | 213.6  | 173.5  |
| G70.0 | 2141.6 | 1814.5 | 342.2  | 188.0  | 373.8  | 1607.1 | 1809.2 | 1482.6 | 184.8  | 152.6  |
| G71.0 | 1975.1 | 1683.7 | 222.9  | 170.7  | 237.7  | 1482.9 | 1648.3 | 1340.8 | 163.9  | 143.3  |
| G72.0 | 1819.0 | 1546.9 | 191.0  | 158.1  | 179.5  | 1351.6 | 1488.1 | 1201.4 | 140.6  | 136.1  |
| G73.0 | 1660.8 | 1396.5 | 164.2  | 143.6  | 160.7  | 1217.3 | 1330.5 | 1054.8 | 132.0  | 135.3  |

C Plane (°):0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## Candlepower Table (Continue 2)

Unit: cd

| G\C    | C0.0   | C30.0  | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|--------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|
| G74.0  | 1503.7 | 1266.7 | 150.9 | 137.1 | 145.9  | 1084.7 | 1179.9 | 679.5  | 128.3  | 125.3  |
| G75.0  | 1346.6 | 1125.1 | 140.1 | 127.3 | 129.0  | 936.1  | 1037.5 | 295.2  | 125.8  | 116.7  |
| G76.0  | 1201.9 | 882.6  | 131.3 | 114.5 | 123.5  | 765.7  | 895.7  | 166.4  | 113.5  | 108.2  |
| G77.0  | 1055.8 | 492.5  | 124.0 | 102.2 | 106.4  | 514.9  | 761.1  | 143.6  | 100.9  | 94.1   |
| G78.0  | 926.6  | 213.9  | 109.4 | 93.1  | 93.9   | 269.6  | 635.4  | 108.2  | 93.1   | 85.6   |
| G79.0  | 790.3  | 146.4  | 96.4  | 85.1  | 84.8   | 141.3  | 522.2  | 94.4   | 82.1   | 73.1   |
| G80.0  | 668.5  | 121.0  | 86.4  | 76.6  | 75.8   | 112.2  | 413.0  | 91.9   | 69.3   | 62.0   |
| G81.0  | 550.5  | 107.9  | 78.1  | 67.8  | 68.8   | 81.6   | 315.8  | 85.6   | 54.5   | 53.0   |
| G82.0  | 445.8  | 98.7   | 70.0  | 58.7  | 60.5   | 72.6   | 227.9  | 69.5   | 46.2   | 45.2   |
| G83.0  | 346.9  | 86.1   | 59.0  | 50.2  | 50.0   | 63.0   | 160.7  | 58.2   | 39.4   | 39.9   |
| G84.0  | 257.8  | 71.5   | 47.2  | 42.7  | 42.9   | 50.2   | 106.4  | 40.2   | 37.2   | 36.2   |
| G85.0  | 176.5  | 62.8   | 41.7  | 39.4  | 36.4   | 45.7   | 67.3   | 33.6   | 31.9   | 32.9   |
| G86.0  | 121.5  | 45.7   | 38.4  | 34.9  | 32.4   | 37.2   | 39.2   | 29.1   | 28.1   | 28.9   |
| G87.0  | 83.3   | 38.4   | 33.9  | 31.1  | 28.6   | 31.1   | 26.6   | 25.1   | 24.6   | 24.4   |
| G88.0  | 52.2   | 33.1   | 30.4  | 28.4  | 25.4   | 26.6   | 22.3   | 21.6   | 19.6   | 18.8   |
| G89.0  | 30.6   | 29.4   | 27.6  | 24.6  | 21.8   | 22.1   | 19.1   | 18.6   | 15.8   | 14.6   |
| G90.0  | 26.4   | 25.6   | 23.4  | 19.3  | 17.8   | 19.8   | 18.6   | 17.1   | 13.8   | 12.3   |
| G91.0  | 21.8   | 21.6   | 18.1  | 15.6  | 15.8   | 18.3   | 19.3   | 16.8   | 13.3   | 11.3   |
| G92.0  | 19.8   | 19.3   | 15.8  | 13.6  | 14.8   | 18.8   | 20.3   | 17.6   | 12.8   | 10.8   |
| G93.0  | 20.6   | 18.6   | 14.8  | 13.1  | 14.8   | 19.6   | 21.3   | 18.3   | 13.6   | 11.1   |
| G94.0  | 21.1   | 18.6   | 14.3  | 12.6  | 15.3   | 20.6   | 22.3   | 19.3   | 14.3   | 11.6   |
| G95.0  | 22.1   | 19.3   | 14.8  | 12.8  | 16.1   | 21.6   | 23.1   | 20.3   | 15.1   | 12.3   |
| G96.0  | 22.8   | 20.3   | 15.6  | 13.6  | 16.8   | 22.3   | 23.9   | 21.1   | 15.8   | 12.8   |
| G97.0  | 23.9   | 21.3   | 16.3  | 14.3  | 17.8   | 23.4   | 24.6   | 21.8   | 16.6   | 13.6   |
| G98.0  | 24.6   | 22.1   | 17.1  | 15.1  | 18.6   | 24.6   | 25.4   | 22.8   | 17.6   | 14.6   |
| G99.0  | 25.6   | 23.1   | 18.1  | 15.8  | 19.6   | 25.6   | 26.1   | 23.9   | 18.3   | 15.3   |
| G100.0 | 26.4   | 24.1   | 19.1  | 16.8  | 20.6   | 26.4   | 27.1   | 24.6   | 19.3   | 16.3   |
| G101.0 | 27.1   | 25.1   | 20.1  | 17.8  | 21.6   | 27.4   | 27.6   | 25.6   | 20.3   | 17.1   |
| G102.0 | 27.9   | 26.1   | 20.8  | 18.6  | 22.8   | 28.1   | 28.4   | 26.4   | 21.1   | 18.1   |
| G103.0 | 28.6   | 26.9   | 22.1  | 19.6  | 23.9   | 28.9   | 29.1   | 27.1   | 22.3   | 19.1   |
| G104.0 | 29.4   | 27.6   | 23.1  | 20.6  | 25.1   | 29.9   | 29.6   | 27.9   | 23.4   | 19.8   |
| G105.0 | 29.9   | 28.6   | 24.1  | 21.8  | 26.1   | 30.6   | 30.4   | 28.6   | 24.4   | 20.8   |
| G106.0 | 30.6   | 29.4   | 25.4  | 22.8  | 27.4   | 31.4   | 31.4   | 29.1   | 25.6   | 21.8   |
| G107.0 | 31.4   | 30.1   | 26.4  | 23.9  | 28.4   | 32.1   | 32.1   | 29.9   | 26.1   | 22.8   |
| G108.0 | 31.9   | 30.6   | 27.6  | 25.1  | 29.4   | 32.9   | 32.6   | 30.4   | 27.1   | 23.9   |
| G109.0 | 32.6   | 31.4   | 28.6  | 26.1  | 30.4   | 33.4   | 33.6   | 30.9   | 28.1   | 24.9   |
| G110.0 | 33.1   | 31.9   | 29.6  | 27.4  | 31.4   | 34.1   | 33.9   | 31.6   | 28.9   | 25.9   |

C Plane (°):0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## Candlepower Table (Continue 3)

Unit: cd

| G\C    | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|--------|------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| G111.0 | 33.9 | 32.6  | 30.6  | 28.4  | 32.1   | 35.1   | 34.6   | 32.4   | 29.6   | 26.6   |
| G112.0 | 34.6 | 33.4  | 31.4  | 29.4  | 33.1   | 35.9   | 35.4   | 33.1   | 30.4   | 27.4   |
| G113.0 | 35.1 | 33.9  | 32.4  | 30.4  | 34.1   | 36.4   | 35.7   | 33.9   | 31.1   | 28.1   |
| G114.0 | 35.9 | 34.6  | 33.1  | 31.4  | 35.1   | 37.4   | 36.4   | 34.9   | 32.1   | 28.9   |
| G115.0 | 36.4 | 35.1  | 33.9  | 32.1  | 36.2   | 38.2   | 36.9   | 35.4   | 32.6   | 29.6   |
| G116.0 | 37.2 | 35.9  | 34.6  | 33.1  | 36.9   | 38.4   | 37.4   | 35.9   | 33.4   | 30.4   |
| G117.0 | 37.7 | 36.4  | 35.4  | 33.9  | 37.7   | 38.7   | 38.2   | 36.2   | 33.9   | 31.1   |
| G118.0 | 38.4 | 36.9  | 36.4  | 34.6  | 38.4   | 39.2   | 38.9   | 36.7   | 34.6   | 31.9   |
| G119.0 | 38.9 | 37.7  | 36.9  | 35.4  | 39.2   | 39.7   | 39.4   | 37.2   | 35.1   | 32.4   |
| G120.0 | 39.7 | 38.2  | 37.7  | 36.4  | 39.4   | 40.2   | 39.9   | 37.7   | 35.7   | 33.1   |
| G121.0 | 40.2 | 38.7  | 38.2  | 37.2  | 39.9   | 40.9   | 40.4   | 38.2   | 36.2   | 33.9   |
| G122.0 | 40.7 | 39.7  | 38.7  | 37.9  | 40.4   | 41.7   | 40.9   | 38.9   | 36.9   | 34.6   |
| G123.0 | 41.4 | 40.4  | 39.4  | 38.7  | 40.9   | 42.2   | 41.4   | 39.9   | 37.4   | 35.4   |
| G124.0 | 42.2 | 40.9  | 39.9  | 39.4  | 41.7   | 42.9   | 42.4   | 40.4   | 37.9   | 36.2   |
| G125.0 | 42.9 | 41.7  | 40.4  | 40.2  | 42.2   | 43.7   | 42.9   | 41.2   | 38.7   | 36.7   |
| G126.0 | 43.7 | 42.4  | 41.2  | 40.7  | 42.9   | 44.4   | 43.4   | 41.7   | 39.4   | 37.2   |
| G127.0 | 44.4 | 42.9  | 41.7  | 41.4  | 43.4   | 45.2   | 44.4   | 42.4   | 39.9   | 37.9   |
| G128.0 | 45.2 | 43.7  | 42.2  | 42.2  | 43.9   | 45.7   | 44.9   | 43.2   | 40.7   | 38.7   |
| G129.0 | 45.9 | 44.2  | 42.7  | 42.7  | 44.7   | 46.4   | 45.9   | 43.9   | 41.2   | 39.4   |
| G130.0 | 46.7 | 44.7  | 43.2  | 43.4  | 45.2   | 46.9   | 46.7   | 44.7   | 41.9   | 39.9   |
| G131.0 | 47.5 | 45.4  | 43.7  | 44.2  | 45.9   | 47.7   | 47.7   | 45.2   | 42.4   | 40.7   |
| G132.0 | 48.2 | 45.9  | 44.4  | 44.9  | 46.4   | 48.2   | 48.7   | 45.9   | 42.9   | 41.2   |
| G133.0 | 49.0 | 46.7  | 44.7  | 45.4  | 46.9   | 48.7   | 49.7   | 46.4   | 43.4   | 41.7   |
| G134.0 | 49.7 | 47.2  | 45.2  | 46.2  | 47.5   | 49.5   | 50.5   | 46.7   | 43.9   | 42.2   |
| G135.0 | 50.2 | 47.7  | 45.7  | 46.7  | 47.7   | 49.7   | 51.5   | 47.2   | 44.4   | 42.7   |
| G136.0 | 51.0 | 48.5  | 46.2  | 47.2  | 48.2   | 50.2   | 52.5   | 47.7   | 44.9   | 43.2   |
| G137.0 | 51.7 | 49.2  | 46.7  | 47.5  | 48.5   | 50.7   | 53.5   | 48.2   | 45.2   | 43.9   |
| G138.0 | 52.7 | 49.7  | 47.2  | 48.2  | 49.0   | 51.2   | 54.0   | 49.0   | 45.7   | 44.4   |
| G139.0 | 53.2 | 50.2  | 48.0  | 48.7  | 49.5   | 51.7   | 54.2   | 49.5   | 46.2   | 44.9   |
| G140.0 | 54.0 | 50.7  | 48.5  | 49.2  | 50.0   | 52.5   | 54.7   | 50.2   | 46.7   | 45.4   |
| G141.0 | 54.7 | 51.5  | 49.0  | 49.5  | 50.5   | 53.0   | 55.5   | 51.0   | 47.5   | 46.2   |
| G142.0 | 55.5 | 52.2  | 49.7  | 50.0  | 51.0   | 53.7   | 56.2   | 51.7   | 48.0   | 46.7   |
| G143.0 | 56.0 | 52.7  | 50.2  | 50.5  | 51.5   | 54.2   | 56.7   | 52.2   | 48.5   | 47.5   |
| G144.0 | 56.7 | 53.5  | 51.0  | 51.0  | 52.0   | 55.0   | 57.5   | 53.0   | 49.2   | 48.0   |
| G145.0 | 57.2 | 54.2  | 51.7  | 51.5  | 52.5   | 55.7   | 58.0   | 53.7   | 49.5   | 48.5   |
| G146.0 | 57.7 | 54.7  | 52.2  | 52.0  | 53.0   | 56.2   | 58.5   | 54.5   | 50.2   | 49.0   |
| G147.0 | 58.5 | 55.5  | 53.0  | 52.5  | 53.5   | 56.7   | 59.2   | 55.2   | 50.7   | 49.5   |

C Plane (°):0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## Candlepower Table (Continue 4)

Unit: cd

| G\C    | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|--------|------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| G148.0 | 59.0 | 56.2  | 53.5  | 53.0  | 54.0   | 57.5   | 59.8   | 56.0   | 51.2   | 50.0   |
| G149.0 | 59.5 | 56.7  | 54.0  | 53.2  | 54.5   | 58.0   | 60.3   | 56.5   | 51.7   | 50.5   |
| G150.0 | 60.0 | 57.5  | 54.7  | 53.7  | 55.0   | 58.5   | 60.8   | 57.2   | 52.5   | 51.2   |
| G151.0 | 60.5 | 58.0  | 55.5  | 54.5  | 55.5   | 59.0   | 61.3   | 57.7   | 53.0   | 52.0   |
| G152.0 | 60.8 | 58.5  | 56.0  | 55.0  | 56.0   | 59.5   | 61.8   | 58.5   | 53.7   | 52.7   |
| G153.0 | 61.3 | 59.0  | 56.7  | 55.7  | 56.5   | 60.3   | 62.0   | 59.0   | 54.5   | 53.5   |
| G154.0 | 61.8 | 59.5  | 57.2  | 56.5  | 57.2   | 60.5   | 62.5   | 59.5   | 55.0   | 54.2   |
| G155.0 | 62.3 | 60.0  | 58.0  | 57.2  | 57.7   | 61.0   | 62.8   | 60.0   | 55.5   | 55.0   |
| G156.0 | 62.5 | 60.5  | 58.7  | 58.0  | 58.2   | 61.5   | 63.3   | 60.5   | 56.2   | 56.0   |
| G157.0 | 62.8 | 61.0  | 59.2  | 58.7  | 58.7   | 62.0   | 63.5   | 61.0   | 56.7   | 56.7   |
| G158.0 | 63.3 | 61.5  | 60.0  | 59.5  | 59.2   | 62.3   | 64.0   | 61.5   | 57.5   | 57.7   |
| G159.0 | 63.5 | 62.0  | 60.5  | 60.0  | 59.8   | 62.8   | 64.3   | 62.0   | 58.2   | 58.5   |
| G160.0 | 63.8 | 62.3  | 61.3  | 60.8  | 60.5   | 63.3   | 64.8   | 62.5   | 58.7   | 59.2   |
| G161.0 | 64.0 | 62.8  | 61.8  | 61.5  | 61.0   | 63.5   | 65.0   | 63.0   | 59.5   | 60.0   |
| G162.0 | 64.3 | 63.3  | 62.5  | 62.3  | 61.5   | 63.8   | 65.3   | 63.5   | 60.3   | 60.8   |
| G163.0 | 64.8 | 63.5  | 63.0  | 62.8  | 62.0   | 64.0   | 65.5   | 63.8   | 61.0   | 61.5   |
| G164.0 | 64.8 | 64.0  | 63.8  | 63.5  | 62.5   | 64.3   | 65.8   | 64.3   | 61.8   | 62.3   |
| G165.0 | 65.3 | 64.3  | 64.3  | 64.0  | 63.3   | 64.8   | 66.3   | 64.8   | 62.5   | 62.8   |
| G166.0 | 65.5 | 64.8  | 64.8  | 64.5  | 63.8   | 65.0   | 66.5   | 65.0   | 63.3   | 63.5   |
| G167.0 | 65.8 | 65.0  | 65.3  | 65.0  | 64.3   | 65.0   | 66.8   | 65.3   | 64.0   | 64.3   |
| G168.0 | 66.0 | 65.3  | 65.8  | 65.8  | 64.8   | 65.3   | 67.0   | 65.8   | 64.8   | 64.8   |
| G169.0 | 66.3 | 65.8  | 66.3  | 66.3  | 65.3   | 65.5   | 67.3   | 66.0   | 65.3   | 65.5   |
| G170.0 | 66.5 | 66.0  | 66.8  | 66.8  | 65.8   | 65.8   | 67.5   | 66.3   | 65.8   | 66.0   |
| G171.0 | 66.8 | 66.3  | 67.0  | 67.3  | 66.3   | 66.0   | 67.8   | 66.8   | 66.3   | 66.5   |
| G172.0 | 67.0 | 66.5  | 67.3  | 67.5  | 66.5   | 66.3   | 68.0   | 67.0   | 66.8   | 67.3   |
| G173.0 | 67.3 | 66.8  | 67.8  | 68.0  | 67.0   | 66.5   | 68.3   | 67.3   | 67.3   | 67.8   |
| G174.0 | 67.5 | 67.0  | 68.0  | 68.3  | 67.3   | 66.8   | 68.8   | 67.5   | 67.5   | 68.0   |
| G175.0 | 67.8 | 67.0  | 68.3  | 68.5  | 67.5   | 66.8   | 68.8   | 67.8   | 68.0   | 68.5   |
| G176.0 | 68.0 | 67.3  | 68.3  | 68.8  | 67.5   | 67.0   | 69.0   | 68.0   | 68.3   | 68.8   |
| G177.0 | 68.3 | 67.5  | 68.5  | 68.8  | 67.8   | 67.0   | 69.0   | 68.0   | 68.5   | 69.0   |
| G178.0 | 68.5 | 67.5  | 68.5  | 68.8  | 67.8   | 67.0   | 69.0   | 68.0   | 68.8   | 69.0   |
| G179.0 | 68.5 | 67.8  | 68.5  | 68.8  | 68.0   | 67.0   | 69.3   | 68.0   | 68.8   | 69.0   |
| G180.0 | 68.8 | 67.8  | 68.5  | 69.0  | 68.0   | 67.0   | 69.3   | 68.3   | 68.8   | 69.0   |
|        |      |       |       |       |        |        |        |        |        |        |
|        |      |       |       |       |        |        |        |        |        |        |
|        |      |       |       |       |        |        |        |        |        |        |
|        |      |       |       |       |        |        |        |        |        |        |

C Plane (°):0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:



## Candlepower Table (Continue 5)

Unit: cd

| G\C   | C300.0 | C330.0 | C360.0 |  |  |  |  |  |  |  |
|-------|--------|--------|--------|--|--|--|--|--|--|--|
| G0.0  | 7810.4 | 7792.6 | 7909.8 |  |  |  |  |  |  |  |
| G1.0  | 7809.4 | 7789.6 | 7907.3 |  |  |  |  |  |  |  |
| G2.0  | 7807.2 | 7787.3 | 7904.3 |  |  |  |  |  |  |  |
| G3.0  | 7806.1 | 7786.1 | 7901.3 |  |  |  |  |  |  |  |
| G4.0  | 7813.7 | 7783.3 | 7897.0 |  |  |  |  |  |  |  |
| G5.0  | 7824.5 | 7775.8 | 7890.8 |  |  |  |  |  |  |  |
| G6.0  | 7827.2 | 7772.3 | 7880.7 |  |  |  |  |  |  |  |
| G7.0  | 7834.3 | 7770.0 | 7865.9 |  |  |  |  |  |  |  |
| G8.0  | 7854.1 | 7766.7 | 7851.3 |  |  |  |  |  |  |  |
| G9.0  | 7884.5 | 7759.5 | 7832.8 |  |  |  |  |  |  |  |
| G10.0 | 7920.6 | 7744.1 | 7815.4 |  |  |  |  |  |  |  |
| G11.0 | 7959.8 | 7730.3 | 7791.3 |  |  |  |  |  |  |  |
| G12.0 | 8012.5 | 7716.5 | 7762.5 |  |  |  |  |  |  |  |
| G13.0 | 8082.5 | 7705.2 | 7732.4 |  |  |  |  |  |  |  |
| G14.0 | 8171.4 | 7693.4 | 7704.7 |  |  |  |  |  |  |  |
| G15.0 | 8286.9 | 7683.9 | 7675.4 |  |  |  |  |  |  |  |
| G16.0 | 8416.9 | 7670.9 | 7640.0 |  |  |  |  |  |  |  |
| G17.0 | 8564.0 | 7659.8 | 7601.6 |  |  |  |  |  |  |  |
| G18.0 | 8700.3 | 7648.5 | 7560.1 |  |  |  |  |  |  |  |
| G19.0 | 8800.5 | 7644.0 | 7518.2 |  |  |  |  |  |  |  |
| G20.0 | 8849.5 | 7639.2 | 7473.3 |  |  |  |  |  |  |  |
| G21.0 | 8868.8 | 7632.4 | 7417.5 |  |  |  |  |  |  |  |
| G22.0 | 8839.4 | 7637.7 | 7364.6 |  |  |  |  |  |  |  |
| G23.0 | 8775.4 | 7636.2 | 7315.9 |  |  |  |  |  |  |  |
| G24.0 | 8678.0 | 7630.9 | 7260.9 |  |  |  |  |  |  |  |
| G25.0 | 8560.0 | 7644.5 | 7201.7 |  |  |  |  |  |  |  |
| G26.0 | 8417.4 | 7675.1 | 7138.7 |  |  |  |  |  |  |  |
| G27.0 | 8257.3 | 7714.8 | 7081.4 |  |  |  |  |  |  |  |
| G28.0 | 8101.6 | 7751.9 | 7022.9 |  |  |  |  |  |  |  |
| G29.0 | 7947.2 | 7794.1 | 6977.2 |  |  |  |  |  |  |  |
| G30.0 | 7793.4 | 7835.8 | 6907.5 |  |  |  |  |  |  |  |
| G31.0 | 7631.4 | 7862.1 | 6854.7 |  |  |  |  |  |  |  |
| G32.0 | 7472.3 | 7868.4 | 6792.5 |  |  |  |  |  |  |  |
| G33.0 | 7305.6 | 7849.3 | 6723.7 |  |  |  |  |  |  |  |
| G34.0 | 7141.2 | 7814.2 | 6655.2 |  |  |  |  |  |  |  |
| G35.0 | 6976.5 | 7757.5 | 6581.4 |  |  |  |  |  |  |  |
| G36.0 | 6813.1 | 7676.4 | 6501.3 |  |  |  |  |  |  |  |

C Plane (°):0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## Candlepower Table (Continue 6)

Unit: cd

| G\C   | C300.0 | C330.0 | C360.0 |  |  |  |  |  |  |  |
|-------|--------|--------|--------|--|--|--|--|--|--|--|
| G37.0 | 6647.4 | 7578.2 | 6423.5 |  |  |  |  |  |  |  |
| G38.0 | 6495.3 | 7467.5 | 6338.1 |  |  |  |  |  |  |  |
| G39.0 | 6337.4 | 7340.5 | 6254.0 |  |  |  |  |  |  |  |
| G40.0 | 6179.0 | 7208.4 | 6162.6 |  |  |  |  |  |  |  |
| G41.0 | 6036.1 | 7058.3 | 6073.5 |  |  |  |  |  |  |  |
| G42.0 | 5909.1 | 6899.7 | 5975.1 |  |  |  |  |  |  |  |
| G43.0 | 5785.8 | 6734.0 | 5881.0 |  |  |  |  |  |  |  |
| G44.0 | 5665.1 | 6569.6 | 5783.1 |  |  |  |  |  |  |  |
| G45.0 | 5535.3 | 6403.1 | 5675.9 |  |  |  |  |  |  |  |
| G46.0 | 5387.9 | 6223.9 | 5562.7 |  |  |  |  |  |  |  |
| G47.0 | 5227.8 | 6041.4 | 5449.2 |  |  |  |  |  |  |  |
| G48.0 | 4901.2 | 5860.4 | 5332.0 |  |  |  |  |  |  |  |
| G49.0 | 4434.0 | 5673.1 | 5211.0 |  |  |  |  |  |  |  |
| G50.0 | 4144.3 | 5482.8 | 5088.0 |  |  |  |  |  |  |  |
| G51.0 | 4008.0 | 5286.5 | 4961.4 |  |  |  |  |  |  |  |
| G52.0 | 3907.4 | 5091.7 | 4832.4 |  |  |  |  |  |  |  |
| G53.0 | 3790.4 | 4908.7 | 4706.4 |  |  |  |  |  |  |  |
| G54.0 | 3655.8 | 4719.7 | 4573.1 |  |  |  |  |  |  |  |
| G55.0 | 3523.0 | 4524.9 | 4440.8 |  |  |  |  |  |  |  |
| G56.0 | 3403.8 | 4330.8 | 4302.5 |  |  |  |  |  |  |  |
| G57.0 | 3285.5 | 4143.8 | 4156.6 |  |  |  |  |  |  |  |
| G58.0 | 3158.5 | 3981.1 | 4012.3 |  |  |  |  |  |  |  |
| G59.0 | 3032.7 | 3802.7 | 3865.7 |  |  |  |  |  |  |  |
| G60.0 | 2906.0 | 3647.0 | 3716.8 |  |  |  |  |  |  |  |
| G61.0 | 2770.7 | 3460.0 | 3570.0 |  |  |  |  |  |  |  |
| G62.0 | 2622.8 | 3265.4 | 3410.1 |  |  |  |  |  |  |  |
| G63.0 | 2450.9 | 3070.6 | 3261.4 |  |  |  |  |  |  |  |
| G64.0 | 2240.5 | 2775.7 | 3104.3 |  |  |  |  |  |  |  |
| G65.0 | 1978.2 | 2408.9 | 2944.9 |  |  |  |  |  |  |  |
| G66.0 | 1593.1 | 2205.1 | 2785.5 |  |  |  |  |  |  |  |
| G67.0 | 1135.7 | 2055.2 | 2625.3 |  |  |  |  |  |  |  |
| G68.0 | 690.3  | 1904.1 | 2462.4 |  |  |  |  |  |  |  |
| G69.0 | 383.1  | 1756.0 | 2299.7 |  |  |  |  |  |  |  |
| G70.0 | 246.0  | 1606.1 | 2141.6 |  |  |  |  |  |  |  |
| G71.0 | 186.8  | 1475.1 | 1975.1 |  |  |  |  |  |  |  |
| G72.0 | 163.4  | 1341.5 | 1819.0 |  |  |  |  |  |  |  |
| G73.0 | 140.3  | 1208.0 | 1660.8 |  |  |  |  |  |  |  |

C Plane (°):0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## Candlepower Table (Continue 7)

Unit: cd

| G\C    | C300.0 | C330.0 | C360.0 |  |  |  |  |  |  |  |
|--------|--------|--------|--------|--|--|--|--|--|--|--|
| G74.0  | 126.5  | 1068.2 | 1503.7 |  |  |  |  |  |  |  |
| G75.0  | 120.3  | 919.8  | 1346.6 |  |  |  |  |  |  |  |
| G76.0  | 117.5  | 716.0  | 1201.9 |  |  |  |  |  |  |  |
| G77.0  | 106.9  | 489.0  | 1055.8 |  |  |  |  |  |  |  |
| G78.0  | 101.2  | 240.5  | 926.6  |  |  |  |  |  |  |  |
| G79.0  | 89.9   | 129.5  | 790.3  |  |  |  |  |  |  |  |
| G80.0  | 75.1   | 104.9  | 668.5  |  |  |  |  |  |  |  |
| G81.0  | 64.3   | 83.3   | 550.5  |  |  |  |  |  |  |  |
| G82.0  | 54.0   | 76.6   | 445.8  |  |  |  |  |  |  |  |
| G83.0  | 44.9   | 65.8   | 346.9  |  |  |  |  |  |  |  |
| G84.0  | 38.2   | 53.0   | 257.8  |  |  |  |  |  |  |  |
| G85.0  | 34.1   | 46.2   | 176.5  |  |  |  |  |  |  |  |
| G86.0  | 29.6   | 35.7   | 121.5  |  |  |  |  |  |  |  |
| G87.0  | 25.9   | 30.6   | 83.3   |  |  |  |  |  |  |  |
| G88.0  | 21.6   | 25.6   | 52.2   |  |  |  |  |  |  |  |
| G89.0  | 16.6   | 19.8   | 30.6   |  |  |  |  |  |  |  |
| G90.0  | 14.1   | 16.6   | 26.4   |  |  |  |  |  |  |  |
| G91.0  | 12.6   | 15.3   | 21.8   |  |  |  |  |  |  |  |
| G92.0  | 12.3   | 15.8   | 19.8   |  |  |  |  |  |  |  |
| G93.0  | 12.8   | 16.6   | 20.6   |  |  |  |  |  |  |  |
| G94.0  | 13.3   | 17.3   | 21.1   |  |  |  |  |  |  |  |
| G95.0  | 14.1   | 18.1   | 22.1   |  |  |  |  |  |  |  |
| G96.0  | 14.8   | 19.1   | 22.8   |  |  |  |  |  |  |  |
| G97.0  | 15.8   | 19.8   | 23.9   |  |  |  |  |  |  |  |
| G98.0  | 16.6   | 20.6   | 24.6   |  |  |  |  |  |  |  |
| G99.0  | 17.3   | 21.6   | 25.6   |  |  |  |  |  |  |  |
| G100.0 | 18.3   | 22.6   | 26.4   |  |  |  |  |  |  |  |
| G101.0 | 19.3   | 23.4   | 27.1   |  |  |  |  |  |  |  |
| G102.0 | 20.3   | 24.1   | 27.9   |  |  |  |  |  |  |  |
| G103.0 | 21.3   | 24.9   | 28.6   |  |  |  |  |  |  |  |
| G104.0 | 22.3   | 25.4   | 29.4   |  |  |  |  |  |  |  |
| G105.0 | 23.1   | 26.1   | 29.9   |  |  |  |  |  |  |  |
| G106.0 | 24.1   | 26.9   | 30.6   |  |  |  |  |  |  |  |
| G107.0 | 25.1   | 27.4   | 31.4   |  |  |  |  |  |  |  |
| G108.0 | 26.1   | 28.1   | 31.9   |  |  |  |  |  |  |  |
| G109.0 | 26.9   | 28.6   | 32.6   |  |  |  |  |  |  |  |
| G110.0 | 27.6   | 29.1   | 33.1   |  |  |  |  |  |  |  |

C Plane (°):0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## Candlepower Table (Continue 8)

Unit: cd

| G\C    | C300.0 | C330.0 | C360.0 |  |  |  |  |  |  |  |
|--------|--------|--------|--------|--|--|--|--|--|--|--|
| G111.0 | 28.4   | 29.9   | 33.9   |  |  |  |  |  |  |  |
| G112.0 | 29.1   | 30.4   | 34.6   |  |  |  |  |  |  |  |
| G113.0 | 29.9   | 31.1   | 35.1   |  |  |  |  |  |  |  |
| G114.0 | 30.6   | 31.4   | 35.9   |  |  |  |  |  |  |  |
| G115.0 | 31.1   | 32.1   | 36.4   |  |  |  |  |  |  |  |
| G116.0 | 31.9   | 32.9   | 37.2   |  |  |  |  |  |  |  |
| G117.0 | 32.6   | 33.4   | 37.7   |  |  |  |  |  |  |  |
| G118.0 | 33.6   | 33.9   | 38.4   |  |  |  |  |  |  |  |
| G119.0 | 34.1   | 34.4   | 38.9   |  |  |  |  |  |  |  |
| G120.0 | 34.4   | 35.1   | 39.7   |  |  |  |  |  |  |  |
| G121.0 | 34.9   | 35.7   | 40.2   |  |  |  |  |  |  |  |
| G122.0 | 35.4   | 36.4   | 40.7   |  |  |  |  |  |  |  |
| G123.0 | 35.9   | 37.2   | 41.4   |  |  |  |  |  |  |  |
| G124.0 | 36.4   | 37.9   | 42.2   |  |  |  |  |  |  |  |
| G125.0 | 36.9   | 38.4   | 42.9   |  |  |  |  |  |  |  |
| G126.0 | 37.4   | 38.9   | 43.7   |  |  |  |  |  |  |  |
| G127.0 | 37.9   | 39.7   | 44.4   |  |  |  |  |  |  |  |
| G128.0 | 38.4   | 40.2   | 45.2   |  |  |  |  |  |  |  |
| G129.0 | 38.9   | 40.9   | 45.9   |  |  |  |  |  |  |  |
| G130.0 | 39.4   | 41.4   | 46.7   |  |  |  |  |  |  |  |
| G131.0 | 39.9   | 42.2   | 47.5   |  |  |  |  |  |  |  |
| G132.0 | 40.4   | 42.7   | 48.2   |  |  |  |  |  |  |  |
| G133.0 | 40.9   | 43.4   | 49.0   |  |  |  |  |  |  |  |
| G134.0 | 41.7   | 44.2   | 49.7   |  |  |  |  |  |  |  |
| G135.0 | 42.2   | 44.7   | 50.2   |  |  |  |  |  |  |  |
| G136.0 | 42.7   | 45.4   | 51.0   |  |  |  |  |  |  |  |
| G137.0 | 43.2   | 45.9   | 51.7   |  |  |  |  |  |  |  |
| G138.0 | 43.9   | 46.4   | 52.7   |  |  |  |  |  |  |  |
| G139.0 | 44.7   | 47.5   | 53.2   |  |  |  |  |  |  |  |
| G140.0 | 45.2   | 48.0   | 54.0   |  |  |  |  |  |  |  |
| G141.0 | 45.9   | 48.7   | 54.7   |  |  |  |  |  |  |  |
| G142.0 | 46.7   | 49.2   | 55.5   |  |  |  |  |  |  |  |
| G143.0 | 47.2   | 50.2   | 56.0   |  |  |  |  |  |  |  |
| G144.0 | 48.0   | 51.0   | 56.7   |  |  |  |  |  |  |  |
| G145.0 | 48.7   | 51.5   | 57.2   |  |  |  |  |  |  |  |
| G146.0 | 49.5   | 52.5   | 57.7   |  |  |  |  |  |  |  |
| G147.0 | 50.0   | 53.2   | 58.5   |  |  |  |  |  |  |  |

C Plane (°):0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector:

## Candlepower Table (Continue 9)

Unit: cd

| G\C    | C300.0 | C330.0 | C360.0 |  |  |  |  |  |  |  |
|--------|--------|--------|--------|--|--|--|--|--|--|--|
| G148.0 | 50.7   | 53.7   | 59.0   |  |  |  |  |  |  |  |
| G149.0 | 51.5   | 54.5   | 59.5   |  |  |  |  |  |  |  |
| G150.0 | 52.2   | 55.2   | 60.0   |  |  |  |  |  |  |  |
| G151.0 | 53.0   | 56.0   | 60.5   |  |  |  |  |  |  |  |
| G152.0 | 53.7   | 56.5   | 60.8   |  |  |  |  |  |  |  |
| G153.0 | 54.5   | 57.0   | 61.3   |  |  |  |  |  |  |  |
| G154.0 | 55.2   | 57.7   | 61.8   |  |  |  |  |  |  |  |
| G155.0 | 56.0   | 58.2   | 62.3   |  |  |  |  |  |  |  |
| G156.0 | 56.7   | 58.7   | 62.5   |  |  |  |  |  |  |  |
| G157.0 | 57.5   | 59.2   | 62.8   |  |  |  |  |  |  |  |
| G158.0 | 58.2   | 59.8   | 63.3   |  |  |  |  |  |  |  |
| G159.0 | 59.0   | 60.3   | 63.5   |  |  |  |  |  |  |  |
| G160.0 | 59.5   | 60.8   | 63.8   |  |  |  |  |  |  |  |
| G161.0 | 60.3   | 61.0   | 64.0   |  |  |  |  |  |  |  |
| G162.0 | 60.8   | 61.8   | 64.3   |  |  |  |  |  |  |  |
| G163.0 | 61.5   | 62.0   | 64.8   |  |  |  |  |  |  |  |
| G164.0 | 62.3   | 62.5   | 64.8   |  |  |  |  |  |  |  |
| G165.0 | 62.8   | 63.0   | 65.3   |  |  |  |  |  |  |  |
| G166.0 | 63.5   | 63.3   | 65.5   |  |  |  |  |  |  |  |
| G167.0 | 64.0   | 63.8   | 65.8   |  |  |  |  |  |  |  |
| G168.0 | 64.8   | 64.0   | 66.0   |  |  |  |  |  |  |  |
| G169.0 | 65.3   | 64.5   | 66.3   |  |  |  |  |  |  |  |
| G170.0 | 65.8   | 64.8   | 66.5   |  |  |  |  |  |  |  |
| G171.0 | 66.3   | 65.3   | 66.8   |  |  |  |  |  |  |  |
| G172.0 | 66.8   | 65.5   | 67.0   |  |  |  |  |  |  |  |
| G173.0 | 67.0   | 65.8   | 67.3   |  |  |  |  |  |  |  |
| G174.0 | 67.5   | 66.3   | 67.5   |  |  |  |  |  |  |  |
| G175.0 | 67.8   | 66.3   | 67.8   |  |  |  |  |  |  |  |
| G176.0 | 68.0   | 66.5   | 68.0   |  |  |  |  |  |  |  |
| G177.0 | 68.0   | 66.8   | 68.3   |  |  |  |  |  |  |  |
| G178.0 | 68.0   | 67.0   | 68.5   |  |  |  |  |  |  |  |
| G179.0 | 68.3   | 67.0   | 68.5   |  |  |  |  |  |  |  |
| G180.0 | 68.0   | 67.3   | 68.8   |  |  |  |  |  |  |  |
|        |        |        |        |  |  |  |  |  |  |  |
|        |        |        |        |  |  |  |  |  |  |  |
|        |        |        |        |  |  |  |  |  |  |  |
|        |        |        |        |  |  |  |  |  |  |  |

C Plane (°):0.0-360.0: 30.0  
Test Lab: JIANGMEN  
Test Type: TYPE C  
Temperature: 35  
Operator: WeiWeiruo

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 8.383 m  
Humidity: 78  
Inspector: