

Report No.:

Test Time: 2026-10-09 08:58

## Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm): -126

Luminous Height (mm):

Current: 0.070 A

Power Factor: 0.908

Luminaire Description: 67797WT

Lamp Description:

Lumens per Lamp:

Luminous Width (mm): -126

Voltage: 220.4 V

Power: 14.09 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 1001.9 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H147

Vertical Diffuse Angle(50%): V145.1

Luminaire Efficacy Rating (LER): 71.16

Max. Intensity: 253.89 cd

S/MH(C0/C180): 1.37

Total Rated Lamp Lumens: 1001.9 lm

Efficiency: 100%

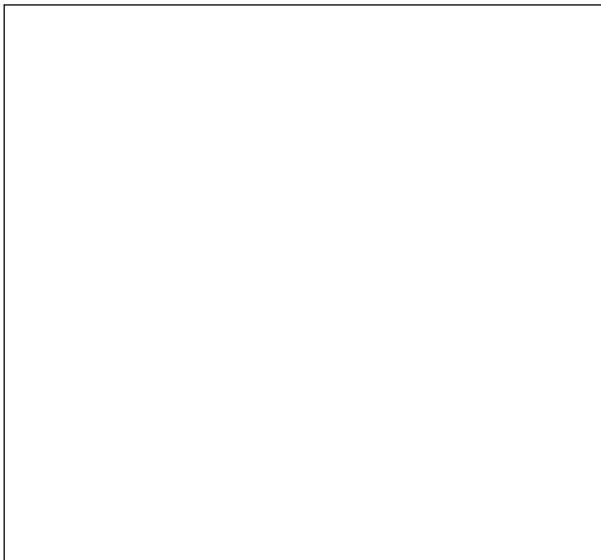
Upward Ratio: 1%

C0r0 Intensity: 253.78 cd

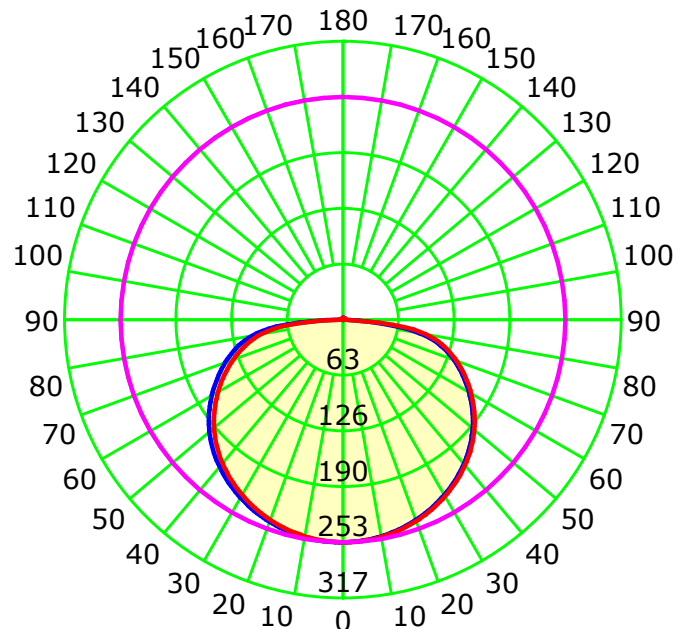
Pos of Max. Intensity: H180 V1

S/MH(C90/C270): 1.36

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 146.0°

— C0-C180 — C90-C270 — G1

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0

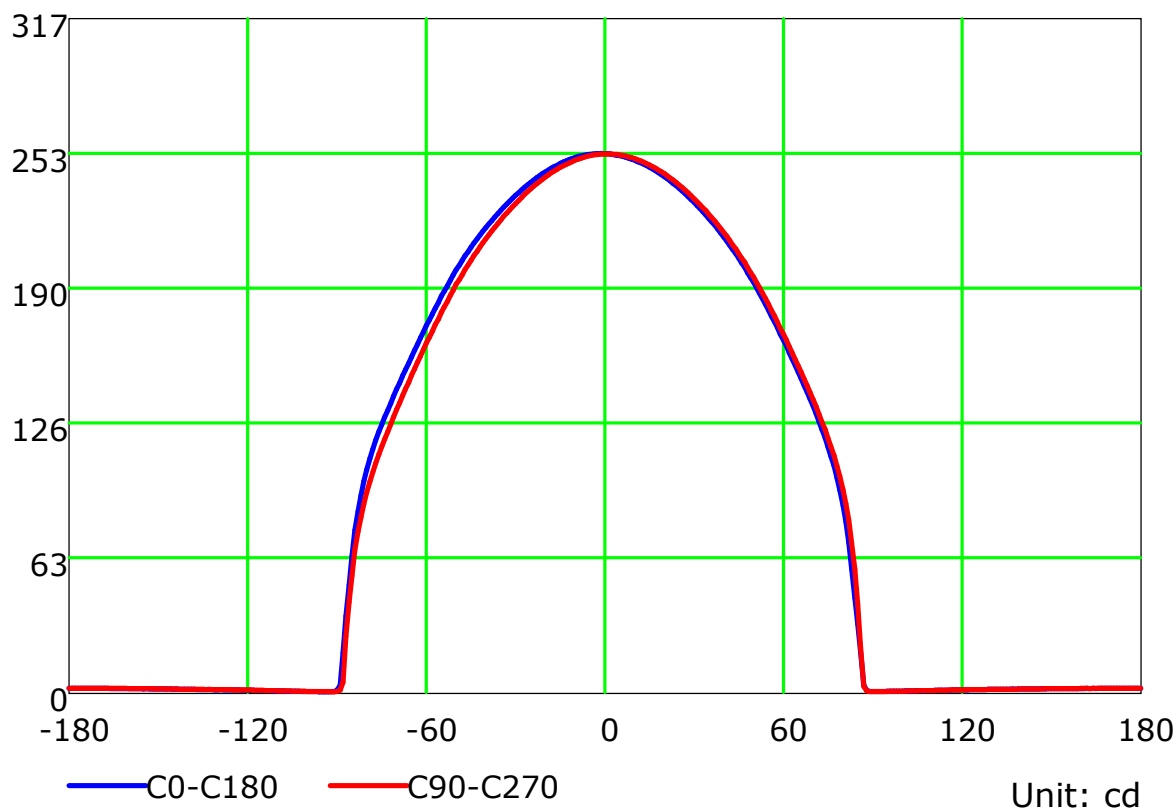
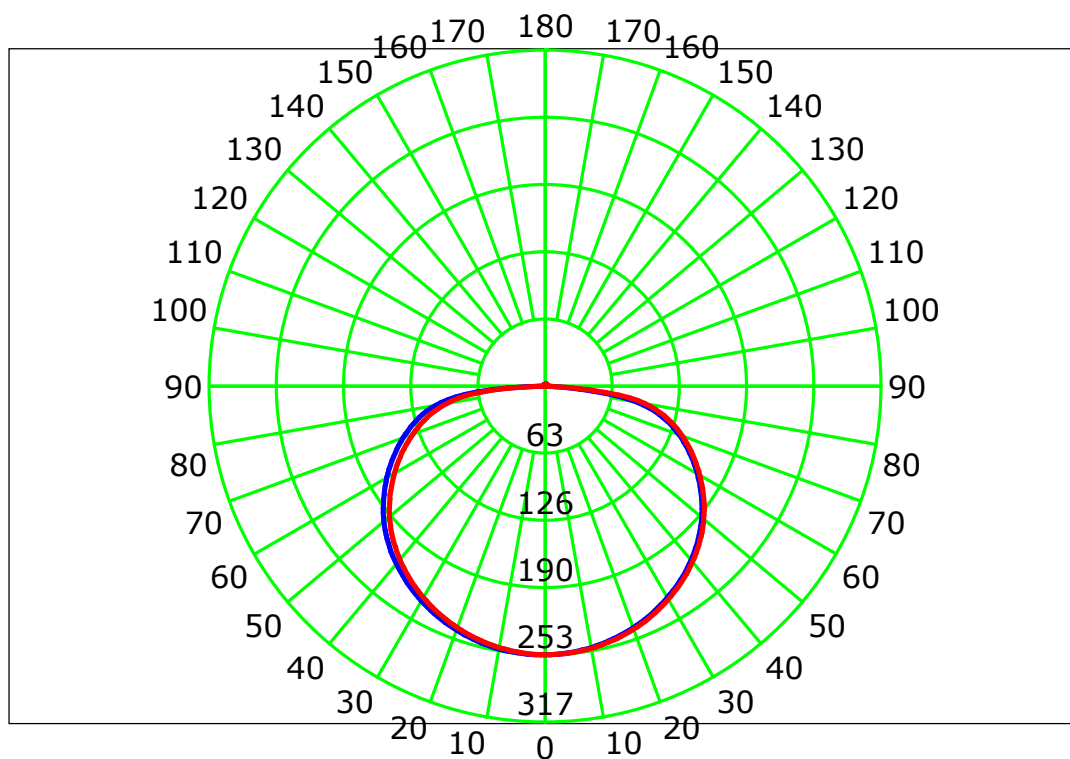
Test Device: GPM-1600L

Distance: 6.490 m [K=1.0000]

Humidity:

Inspector:

## Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 6.490 m [K=1.0000]  
Humidity:  
Inspector:

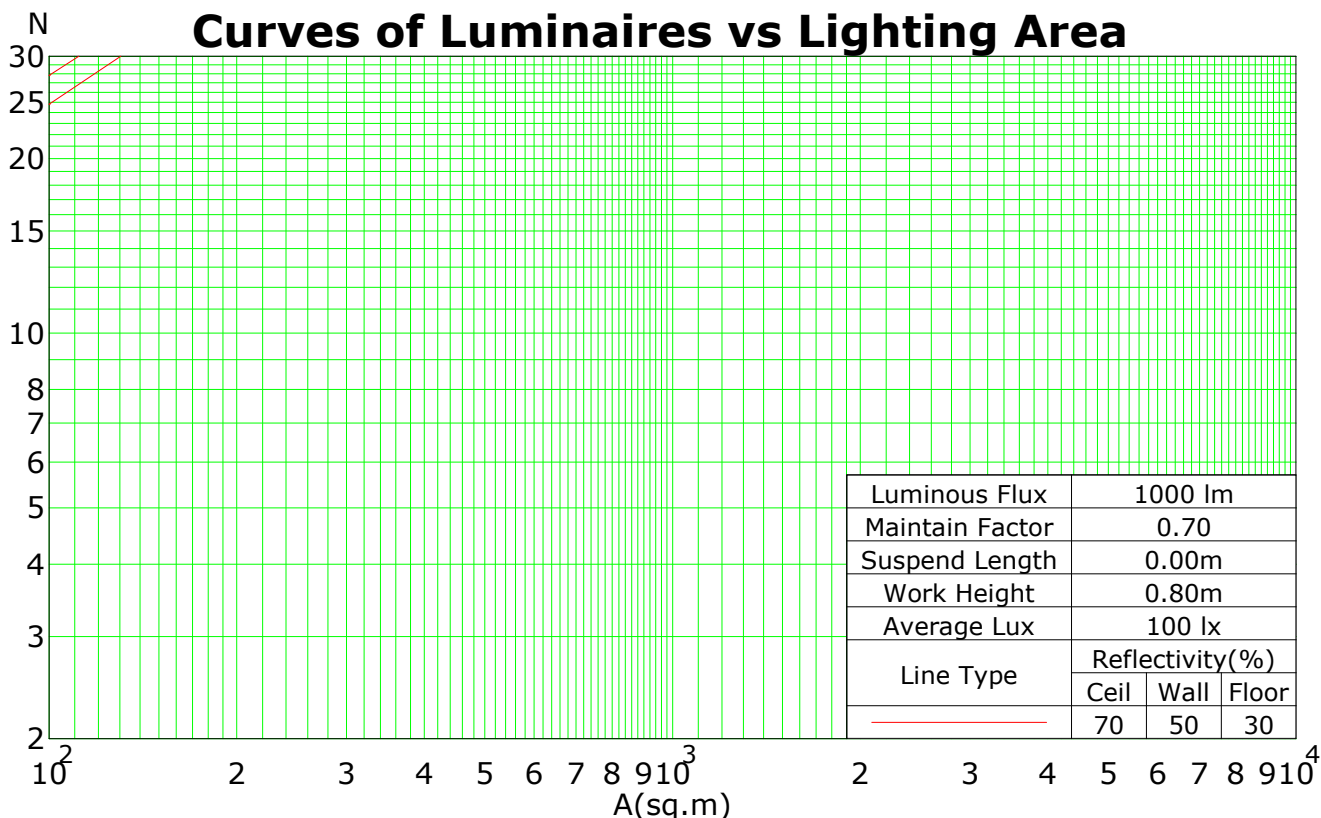
## Coefficients Of Utilization - Zonal Cavity Method

|     |          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 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   | 1.19     | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.01 | 1.01 | 1.01 | 0.99 |
| 1   | 1.06     | 1.00 | 0.95 | 0.90 | 1.03 | 0.98 | 0.93 | 0.88 | 0.93 | 0.89 | 0.85 | 0.89 | 0.86 | 0.83 | 0.85 | 0.82 | 0.80 | 0.78 |
| 2   | 0.95     | 0.85 | 0.77 | 0.70 | 0.92 | 0.83 | 0.76 | 0.69 | 0.79 | 0.73 | 0.68 | 0.76 | 0.70 | 0.66 | 0.72 | 0.68 | 0.64 | 0.62 |
| 3   | 0.85     | 0.73 | 0.64 | 0.57 | 0.83 | 0.72 | 0.63 | 0.56 | 0.68 | 0.61 | 0.55 | 0.65 | 0.59 | 0.54 | 0.63 | 0.57 | 0.53 | 0.50 |
| 4   | 0.78     | 0.64 | 0.54 | 0.47 | 0.75 | 0.63 | 0.54 | 0.46 | 0.60 | 0.52 | 0.46 | 0.58 | 0.51 | 0.45 | 0.55 | 0.49 | 0.44 | 0.42 |
| 5   | 0.71     | 0.57 | 0.47 | 0.40 | 0.69 | 0.56 | 0.46 | 0.39 | 0.53 | 0.45 | 0.39 | 0.51 | 0.44 | 0.38 | 0.49 | 0.43 | 0.38 | 0.35 |
| 6   | 0.65     | 0.51 | 0.41 | 0.34 | 0.63 | 0.50 | 0.41 | 0.34 | 0.48 | 0.40 | 0.33 | 0.46 | 0.39 | 0.33 | 0.44 | 0.38 | 0.33 | 0.30 |
| 7   | 0.60     | 0.46 | 0.36 | 0.30 | 0.59 | 0.45 | 0.36 | 0.30 | 0.43 | 0.35 | 0.29 | 0.42 | 0.34 | 0.29 | 0.40 | 0.34 | 0.29 | 0.27 |
| 8   | 0.56     | 0.42 | 0.33 | 0.26 | 0.54 | 0.41 | 0.32 | 0.26 | 0.39 | 0.32 | 0.26 | 0.38 | 0.31 | 0.26 | 0.37 | 0.30 | 0.25 | 0.23 |
| 9   | 0.52     | 0.38 | 0.29 | 0.23 | 0.51 | 0.37 | 0.29 | 0.23 | 0.36 | 0.29 | 0.23 | 0.35 | 0.28 | 0.23 | 0.34 | 0.28 | 0.23 | 0.21 |
| 10  | 0.49     | 0.35 | 0.27 | 0.21 | 0.48 | 0.34 | 0.26 | 0.21 | 0.33 | 0.26 | 0.21 | 0.32 | 0.26 | 0.21 | 0.31 | 0.25 | 0.21 | 0.19 |

Spacing Criteria (0-180): 1.37

Spacing Criteria (90-270): 1.36

Spacing Criteria (Diagonal): 1.52



C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0

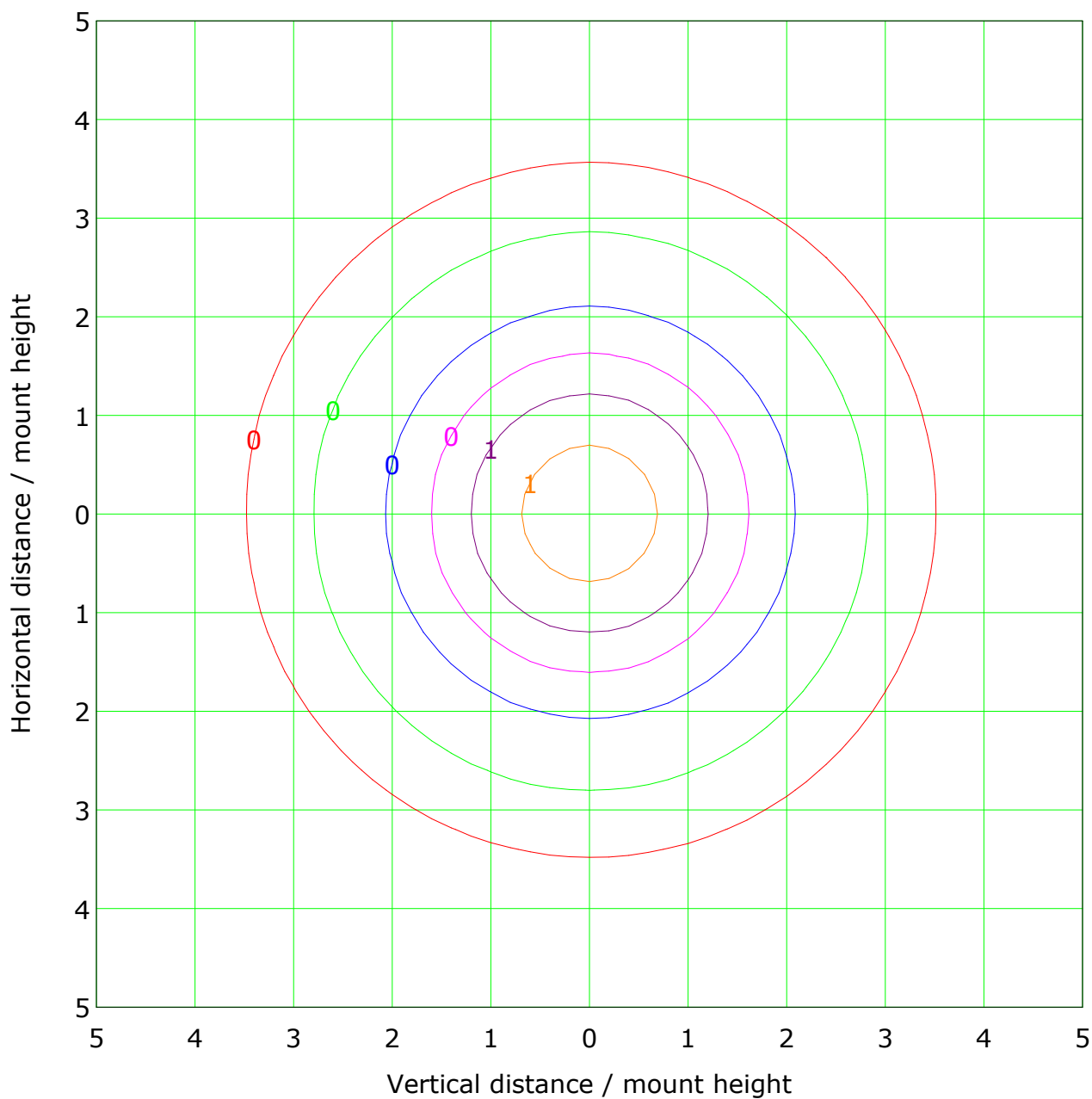
Test Device: GPM-1600L

Distance: 6.490 m [K=1.0000]

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10.0m    Max Lux(100%): 2.5 lx

|                |                |
|----------------|----------------|
| ( 1%): 0.0 lx  | ( 2%): 0.1 lx  |
| ( 5%): 0.1 lx  | ( 10%): 0.3 lx |
| ( 20%): 0.5 lx | ( 50%): 1.3 lx |
| (100%): 2.5 lx |                |

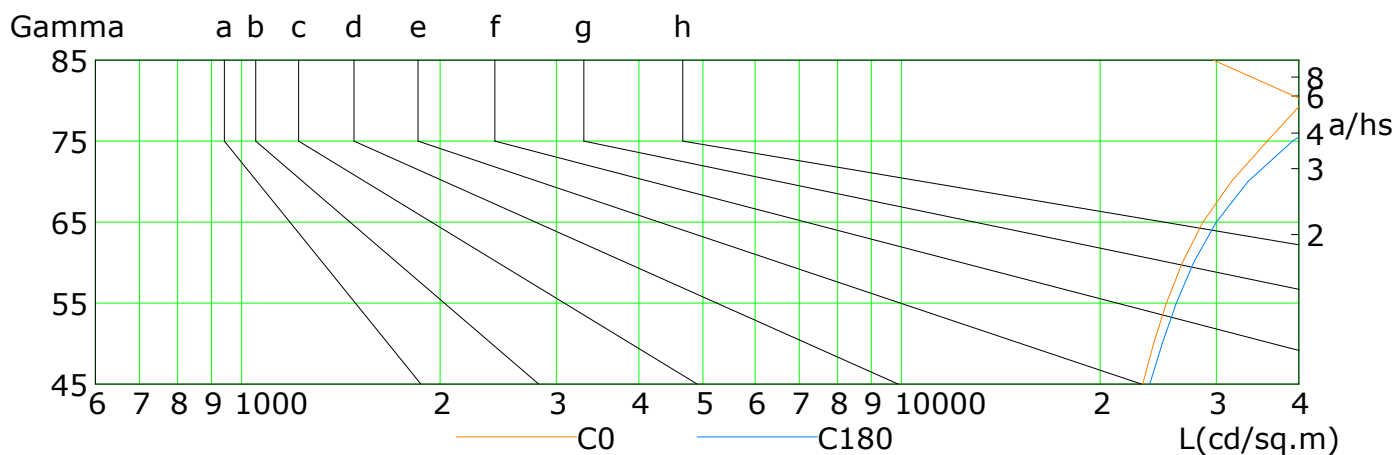
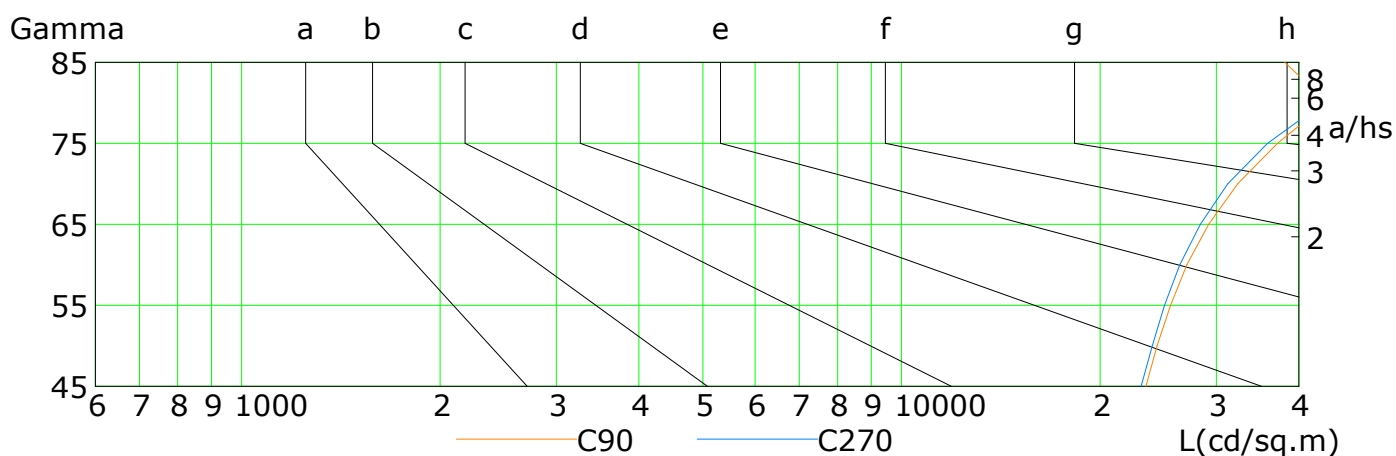
C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 6.490 m [K=1.0000]  
Humidity:  
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

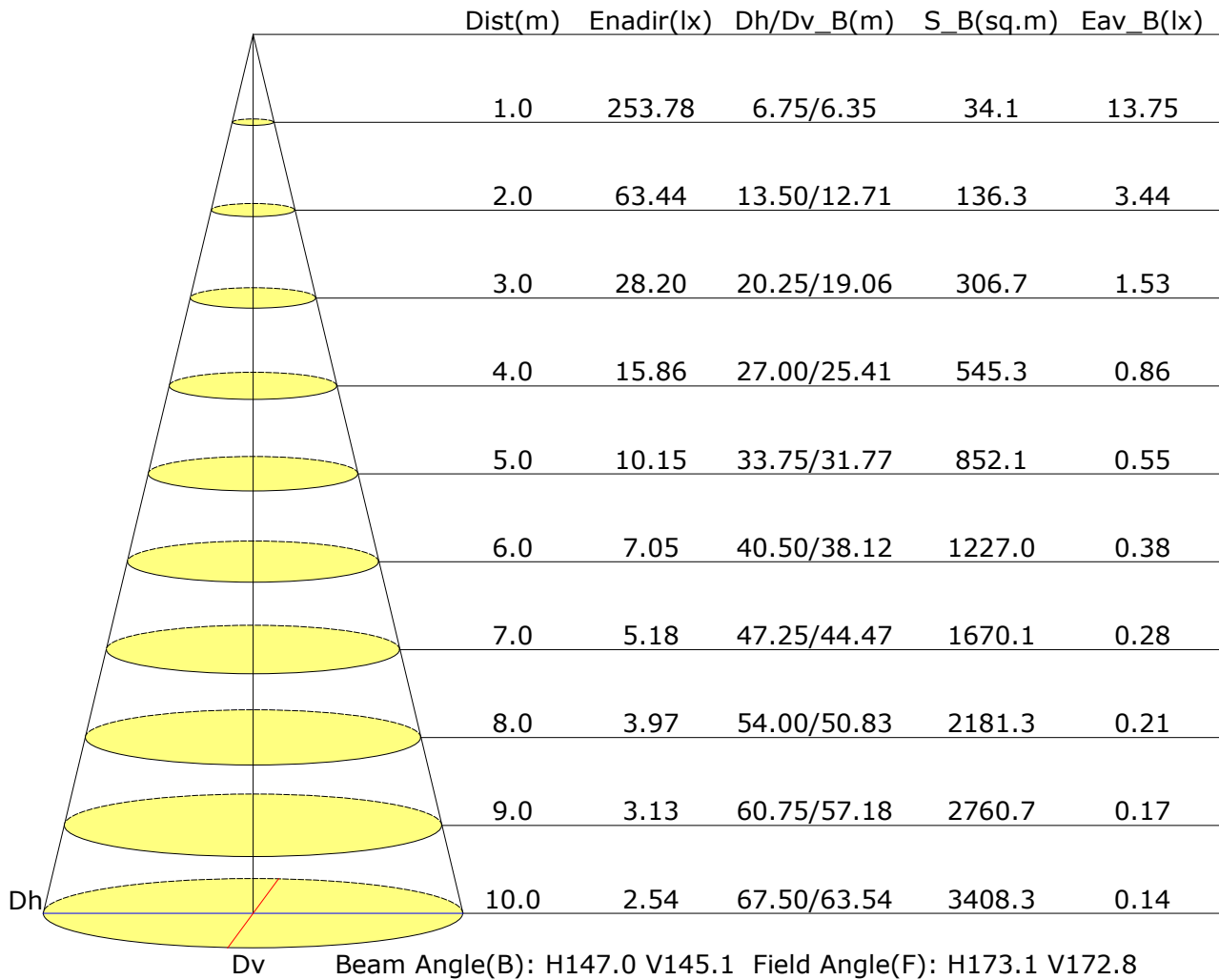


| L(cd/sq.m) | G45   | G50   | G55   | G60   | G65   | G70   | G75   | G80   | G85   |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| C0         | 23217 | 24113 | 25202 | 26649 | 28640 | 31616 | 35845 | 40790 | 29713 |
| C90        | 23461 | 24408 | 25572 | 27072 | 29209 | 32322 | 37122 | 44143 | 38086 |
| C180       | 23787 | 24836 | 26098 | 27726 | 30010 | 33501 | 39136 | 48512 | 59241 |
| C270       | 23085 | 23988 | 25025 | 26405 | 28357 | 31219 | 35889 | 43543 | 50711 |

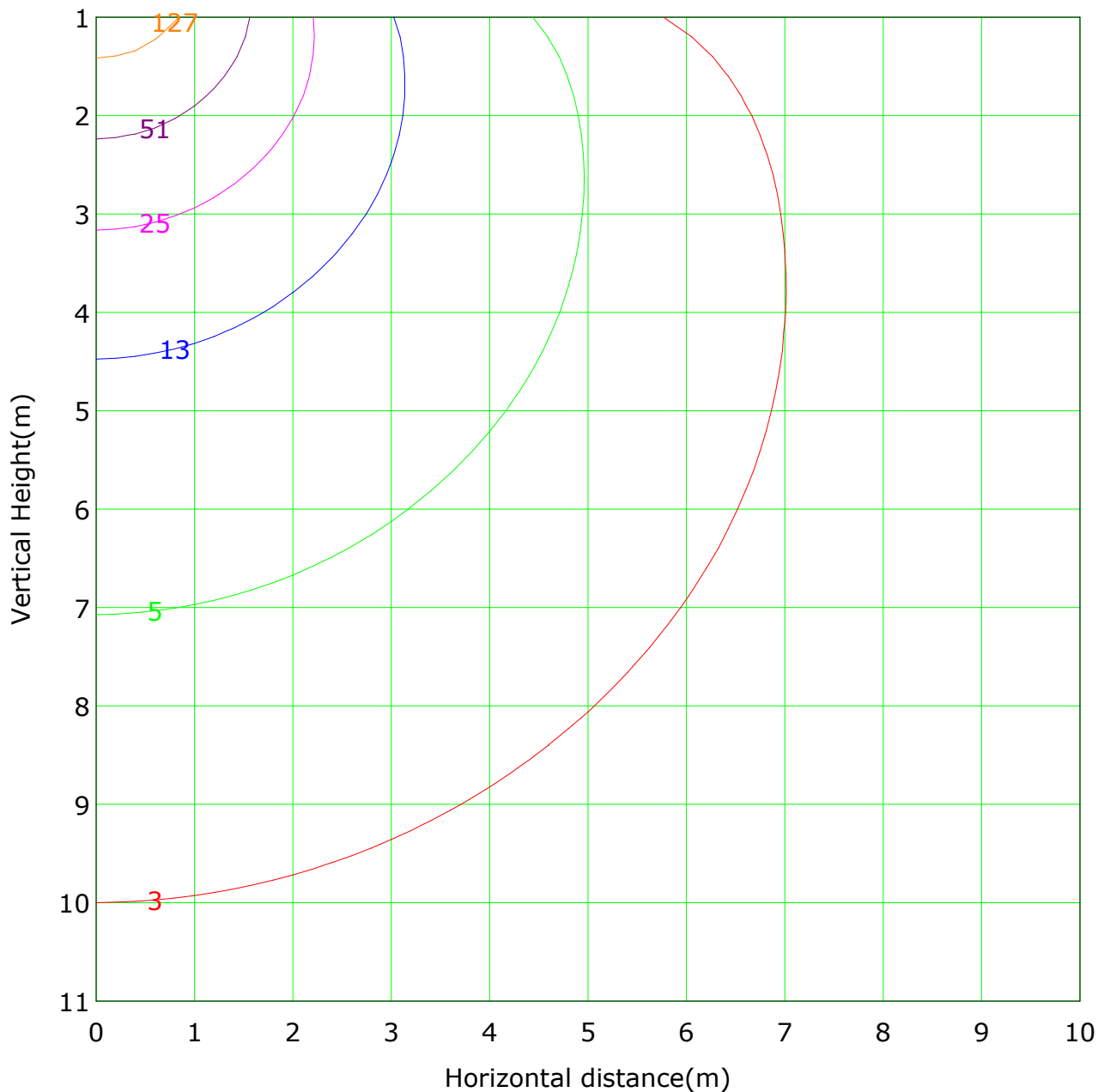
C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 6.490 m [K=1.0000]  
Humidity:  
Inspector:

## Illuminance at a Distance



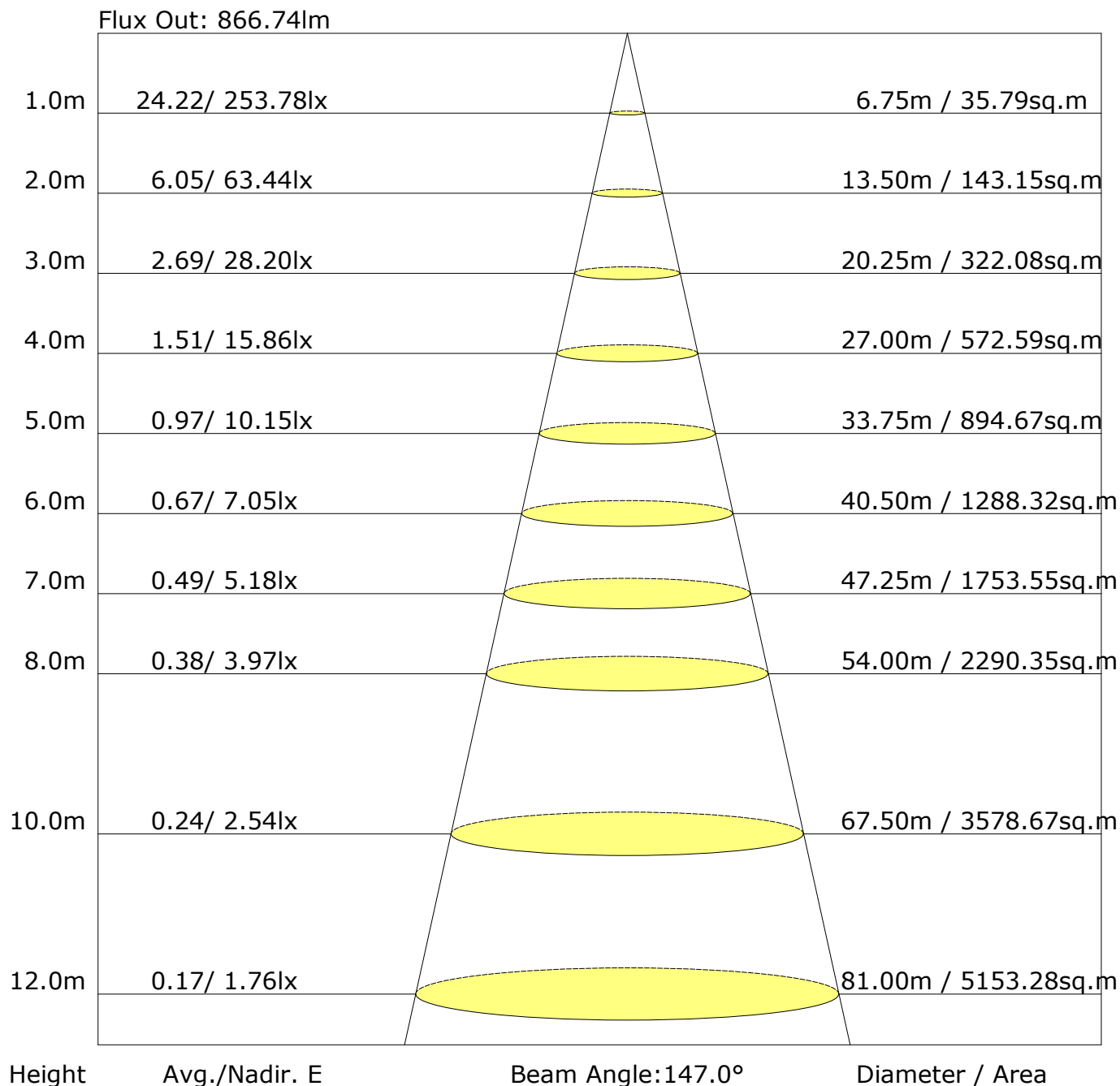
## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 253.8 lx

|                    |                    |
|--------------------|--------------------|
| — ( 1%): 2.5 lx    | — ( 2%): 5.1 lx    |
| — ( 5%): 12.7 lx   | — ( 10%): 25.4 lx  |
| — ( 20%): 50.8 lx  | — ( 50%): 126.9 lx |
| — (100%): 253.8 lx |                    |

## 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                                          | 23.9             | 25.5 | 24.2 | 25.7 | 26.0 | 23.9           | 25.5 | 24.3 | 25.7 | 26.0 |
| 3H                                                 | 26.3             | 27.8 | 26.7 | 28.0 | 28.4 | 26.4           | 27.8 | 26.7 | 28.1 | 28.4 |
| 4H                                                 | 27.6             | 28.9 | 28.0 | 29.2 | 29.6 | 27.6           | 29.0 | 28.0 | 29.3 | 29.6 |
| 6H                                                 | 28.8             | 30.0 | 29.1 | 30.3 | 30.7 | 28.9           | 30.1 | 29.3 | 30.5 | 30.8 |
| 8H                                                 | 29.2             | 30.4 | 29.6 | 30.7 | 31.1 | 29.4           | 30.6 | 29.8 | 31.0 | 31.3 |
| 12H                                                | 29.4             | 30.6 | 29.8 | 30.9 | 31.3 | 29.8           | 31.0 | 30.2 | 31.3 | 31.7 |
| X=4H Y=2H                                          | 24.9             | 26.2 | 25.2 | 26.5 | 26.8 | 24.9           | 26.2 | 25.2 | 26.5 | 26.8 |
| 3H                                                 | 27.5             | 28.7 | 27.9 | 29.0 | 29.4 | 27.5           | 28.7 | 27.9 | 29.0 | 29.4 |
| 4H                                                 | 28.9             | 29.9 | 29.3 | 30.3 | 30.7 | 28.9           | 30.0 | 29.4 | 30.4 | 30.8 |
| 6H                                                 | 30.2             | 31.2 | 30.7 | 31.6 | 32.0 | 30.3           | 31.3 | 30.8 | 31.7 | 32.1 |
| 8H                                                 | 30.7             | 31.6 | 31.2 | 32.0 | 32.5 | 31.0           | 31.8 | 31.4 | 32.3 | 32.7 |
| 12H                                                | 31.0             | 31.8 | 31.5 | 32.3 | 32.7 | 31.4           | 32.2 | 31.9 | 32.7 | 33.1 |
| X=8H Y=4H                                          | 29.5             | 30.4 | 29.9 | 30.8 | 31.2 | 29.5           | 30.4 | 30.0 | 30.8 | 31.3 |
| 6H                                                 | 31.0             | 31.8 | 31.5 | 32.2 | 32.7 | 31.2           | 31.9 | 31.6 | 32.3 | 32.8 |
| 8H                                                 | 31.7             | 32.3 | 32.2 | 32.8 | 33.3 | 31.9           | 32.6 | 32.4 | 33.0 | 33.5 |
| 12H                                                | 32.1             | 32.6 | 32.6 | 33.1 | 33.6 | 32.5           | 33.1 | 33.0 | 33.5 | 34.1 |
| X=12H Y=4H                                         | 29.6             | 30.4 | 30.1 | 30.8 | 31.3 | 29.6           | 30.4 | 30.1 | 30.9 | 31.3 |
| 6H                                                 | 31.2             | 31.9 | 31.7 | 32.4 | 32.9 | 31.3           | 32.0 | 31.8 | 32.5 | 33.0 |
| 8H                                                 | 31.9             | 32.5 | 32.4 | 33.0 | 33.5 | 32.2           | 32.7 | 32.7 | 33.2 | 33.7 |
| Variations with the observer position at spacings: |                  |      |      |      |      |                |      |      |      |      |
| S=1.0H                                             | +0.2/-0.2        |      |      |      |      | +0.3/-0.3      |      |      |      |      |
| S=1.5H                                             | +0.4/-0.5        |      |      |      |      | +0.5/-0.5      |      |      |      |      |
| S=2.0H                                             | +0.5/-0.7        |      |      |      |      | +0.6/-0.7      |      |      |      |      |

Calculate in accordance with CIE Pub.117. The table is revised with  $1002\text{Im}$  ( $8\log(F/F_0) = 0.0$ ).

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

|  | ZONE           | LUMENS | % LAMP LUMENS |
|--|----------------|--------|---------------|
|  | FORWARD LIGHT  | 490    | 48.9          |
|  | FL ( 0°-30°)   | 102    | 10.2          |
|  | FM (30°-60°)   | 230    | 23.0          |
|  | FH (60°-80°)   | 136    | 13.6          |
|  | FVH (80°-90°)  | 22     | 2.2           |
|  | BACK LIGHT     | 504    | 50.3          |
|  | BL ( 0°-30°)   | 102    | 10.2          |
|  | BM (30°-60°)   | 233    | 23.3          |
|  | BH (60°-80°)   | 141    | 14.1          |
|  | BVH (80°-90°)  | 28     | 2.8           |
|  | UP LIGHT       | 8      | 0.8           |
|  | UL (90°-100°)  | 1      | 0.1           |
|  | UH (100°-180°) | 7      | 0.7           |
|  | TRAPPED LIGHT  | NA     | NA            |

| BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07             |          |
|------------------------------------------------------------------|----------|
| Asymmetrical Luminaire Types<br>(Type I,II,III,IV)               | B1 U1 G1 |
| Quadrilateral Symmetrical Luminaire Types<br>(Type V,Area Light) | B1 U1 G1 |

C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 6.490 m [K=1.0000]  
Humidity:  
Inspector:

## 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      | 253.8                     | 0.2                | 0.2                    | 0.02                  | 0.02                      |
| 1.0-2.0      | 253.7                     | 0.7                | 1.0                    | 0.07                  | 0.10                      |
| 2.0-3.0      | 253.6                     | 1.2                | 2.2                    | 0.12                  | 0.22                      |
| 3.0-4.0      | 253.5                     | 1.7                | 3.9                    | 0.17                  | 0.39                      |
| 4.0-5.0      | 253.3                     | 2.2                | 6.1                    | 0.22                  | 0.60                      |
| 5.0-6.0      | 253.0                     | 2.7                | 8.7                    | 0.27                  | 0.87                      |
| 6.0-7.0      | 252.7                     | 3.1                | 11.9                   | 0.31                  | 1.18                      |
| 7.0-8.0      | 252.3                     | 3.6                | 15.5                   | 0.36                  | 1.54                      |
| 8.0-9.0      | 251.9                     | 4.1                | 19.6                   | 0.41                  | 1.95                      |
| 9.0-10.0     | 251.5                     | 4.6                | 24.1                   | 0.45                  | 2.41                      |
| 10.0-11.0    | 251.0                     | 5.0                | 29.1                   | 0.50                  | 2.91                      |
| 11.0-12.0    | 250.4                     | 5.5                | 34.6                   | 0.55                  | 3.45                      |
| 12.0-13.0    | 249.8                     | 5.9                | 40.5                   | 0.59                  | 4.04                      |
| 13.0-14.0    | 249.2                     | 6.4                | 46.9                   | 0.64                  | 4.68                      |
| 14.0-15.0    | 248.5                     | 6.8                | 53.7                   | 0.68                  | 5.36                      |
| 15.0-16.0    | 247.8                     | 7.3                | 61.0                   | 0.72                  | 6.09                      |
| 16.0-17.0    | 247.0                     | 7.7                | 68.7                   | 0.77                  | 6.85                      |
| 17.0-18.0    | 246.2                     | 8.1                | 76.8                   | 0.81                  | 7.67                      |
| 18.0-19.0    | 245.3                     | 8.5                | 85.3                   | 0.85                  | 8.52                      |
| 19.0-20.0    | 244.4                     | 8.9                | 94.3                   | 0.89                  | 9.41                      |
| 20.0-21.0    | 243.4                     | 9.3                | 103.6                  | 0.93                  | 10.34                     |
| 21.0-22.0    | 242.4                     | 9.7                | 113.4                  | 0.97                  | 11.31                     |
| 22.0-23.0    | 241.3                     | 10.1               | 123.5                  | 1.01                  | 12.33                     |
| 23.0-24.0    | 240.3                     | 10.5               | 134.0                  | 1.05                  | 13.37                     |
| 24.0-25.0    | 239.1                     | 10.9               | 144.9                  | 1.09                  | 14.46                     |
| 25.0-26.0    | 237.9                     | 11.2               | 156.1                  | 1.12                  | 15.58                     |
| 26.0-27.0    | 236.7                     | 11.6               | 167.7                  | 1.16                  | 16.74                     |
| 27.0-28.0    | 235.4                     | 11.9               | 179.6                  | 1.19                  | 17.93                     |
| 28.0-29.0    | 234.1                     | 12.2               | 191.9                  | 1.22                  | 19.15                     |
| 29.0-30.0    | 232.7                     | 12.6               | 204.4                  | 1.25                  | 20.40                     |
| 30.0-31.0    | 231.3                     | 12.9               | 217.3                  | 1.28                  | 21.69                     |
| 31.0-32.0    | 229.9                     | 13.2               | 230.5                  | 1.31                  | 23.00                     |
| 32.0-33.0    | 228.5                     | 13.5               | 243.9                  | 1.34                  | 24.35                     |
| 33.0-34.0    | 227.0                     | 13.7               | 257.7                  | 1.37                  | 25.72                     |
| 34.0-35.0    | 225.4                     | 14.0               | 271.7                  | 1.40                  | 27.11                     |
| 35.0-36.0    | 223.8                     | 14.2               | 285.9                  | 1.42                  | 28.54                     |

C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 6.490 m [K=1.0000]  
Humidity:  
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    | 222.1         | 14.5               | 300.4                  | 1.45                  | 29.98                     |
| 37.0-38.0    | 220.4         | 14.7               | 315.1                  | 1.47                  | 31.45                     |
| 38.0-39.0    | 218.7         | 14.9               | 330.1                  | 1.49                  | 32.94                     |
| 39.0-40.0    | 216.9         | 15.1               | 345.2                  | 1.51                  | 34.45                     |
| 40.0-41.0    | 215.1         | 15.3               | 360.5                  | 1.53                  | 35.98                     |
| 41.0-42.0    | 213.2         | 15.5               | 376.0                  | 1.55                  | 37.53                     |
| 42.0-43.0    | 211.3         | 15.7               | 391.6                  | 1.56                  | 39.09                     |
| 43.0-44.0    | 209.3         | 15.8               | 407.4                  | 1.58                  | 40.67                     |
| 44.0-45.0    | 207.3         | 15.9               | 423.4                  | 1.59                  | 42.26                     |
| 45.0-46.0    | 205.1         | 16.0               | 439.4                  | 1.60                  | 43.86                     |
| 46.0-47.0    | 203.0         | 16.1               | 455.6                  | 1.61                  | 45.47                     |
| 47.0-48.0    | 200.7         | 16.2               | 471.8                  | 1.62                  | 47.09                     |
| 48.0-49.0    | 198.4         | 16.3               | 488.1                  | 1.63                  | 48.72                     |
| 49.0-50.0    | 196.2         | 16.4               | 504.5                  | 1.63                  | 50.35                     |
| 50.0-51.0    | 193.8         | 16.4               | 520.9                  | 1.64                  | 51.98                     |
| 51.0-52.0    | 191.2         | 16.4               | 537.3                  | 1.64                  | 53.62                     |
| 52.0-53.0    | 188.7         | 16.4               | 553.7                  | 1.64                  | 55.26                     |
| 53.0-54.0    | 186.0         | 16.4               | 570.1                  | 1.64                  | 56.90                     |
| 54.0-55.0    | 183.5         | 16.4               | 586.5                  | 1.63                  | 58.53                     |
| 55.0-56.0    | 180.7         | 16.3               | 602.8                  | 1.63                  | 60.16                     |
| 56.0-57.0    | 177.9         | 16.3               | 619.1                  | 1.62                  | 61.79                     |
| 57.0-58.0    | 175.1         | 16.2               | 635.3                  | 1.62                  | 63.40                     |
| 58.0-59.0    | 172.3         | 16.1               | 651.4                  | 1.61                  | 65.01                     |
| 59.0-60.0    | 169.5         | 16.0               | 667.4                  | 1.60                  | 66.61                     |
| 60.0-61.0    | 166.6         | 15.9               | 683.3                  | 1.59                  | 68.20                     |
| 61.0-62.0    | 163.7         | 15.8               | 699.1                  | 1.57                  | 69.77                     |
| 62.0-63.0    | 160.7         | 15.6               | 714.7                  | 1.56                  | 71.33                     |
| 63.0-64.0    | 157.7         | 15.5               | 730.2                  | 1.54                  | 72.88                     |
| 64.0-65.0    | 154.6         | 15.3               | 745.5                  | 1.53                  | 74.40                     |
| 65.0-66.0    | 151.6         | 15.1               | 760.6                  | 1.51                  | 75.91                     |
| 66.0-67.0    | 148.4         | 14.9               | 775.5                  | 1.49                  | 77.40                     |
| 67.0-68.0    | 145.3         | 14.7               | 790.2                  | 1.47                  | 78.87                     |
| 68.0-69.0    | 142.1         | 14.5               | 804.7                  | 1.45                  | 80.32                     |
| 69.0-70.0    | 138.8         | 14.3               | 819.0                  | 1.42                  | 81.74                     |
| 70.0-71.0    | 135.5         | 14.0               | 833.0                  | 1.40                  | 83.14                     |
| 71.0-72.0    | 132.1         | 13.7               | 846.7                  | 1.37                  | 84.51                     |

C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 6.490 m [K=1.0000]  
Humidity:  
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    | 128.6                     | 13.5               | 860.2                  | 1.34                  | 85.85                     |
| 73.0-74.0    | 125.1                     | 13.2               | 873.3                  | 1.31                  | 87.17                     |
| 74.0-75.0    | 121.3                     | 12.8               | 886.2                  | 1.28                  | 88.45                     |
| 75.0-76.0    | 117.5                     | 12.5               | 898.6                  | 1.25                  | 89.69                     |
| 76.0-77.0    | 113.5                     | 12.1               | 910.7                  | 1.21                  | 90.90                     |
| 77.0-78.0    | 109.0                     | 11.7               | 922.4                  | 1.16                  | 92.06                     |
| 78.0-79.0    | 104.1                     | 11.2               | 933.6                  | 1.12                  | 93.18                     |
| 79.0-80.0    | 98.8                      | 10.6               | 944.2                  | 1.06                  | 94.24                     |
| 80.0-81.0    | 92.6                      | 10.0               | 954.3                  | 1.00                  | 95.24                     |
| 81.0-82.0    | 85.6                      | 9.3                | 963.5                  | 0.93                  | 96.17                     |
| 82.0-83.0    | 77.1                      | 8.4                | 971.9                  | 0.84                  | 97.00                     |
| 83.0-84.0    | 67.0                      | 7.3                | 979.2                  | 0.73                  | 97.73                     |
| 84.0-85.0    | 54.9                      | 6.0                | 985.2                  | 0.60                  | 98.33                     |
| 85.0-86.0    | 40.8                      | 4.5                | 989.7                  | 0.45                  | 98.78                     |
| 86.0-87.0    | 25.3                      | 2.8                | 992.4                  | 0.28                  | 99.05                     |
| 87.0-88.0    | 11.8                      | 1.3                | 993.7                  | 0.13                  | 99.18                     |
| 88.0-89.0    | 3.9                       | 0.4                | 994.2                  | 0.04                  | 99.23                     |
| 89.0-90.0    | 1.0                       | 0.1                | 994.3                  | 0.01                  | 99.24                     |
| 90.0-91.0    | 0.6                       | 0.1                | 994.4                  | 0.01                  | 99.24                     |
| 91.0-92.0    | 0.5                       | 0.1                | 994.4                  | 0.01                  | 99.25                     |
| 92.0-93.0    | 0.5                       | 0.1                | 994.5                  | 0.01                  | 99.25                     |
| 93.0-94.0    | 0.5                       | 0.1                | 994.5                  | 0.01                  | 99.26                     |
| 94.0-95.0    | 0.5                       | 0.1                | 994.6                  | 0.01                  | 99.27                     |
| 95.0-96.0    | 0.5                       | 0.1                | 994.6                  | 0.01                  | 99.27                     |
| 96.0-97.0    | 0.6                       | 0.1                | 994.7                  | 0.01                  | 99.28                     |
| 97.0-98.0    | 0.6                       | 0.1                | 994.8                  | 0.01                  | 99.28                     |
| 98.0-99.0    | 0.6                       | 0.1                | 994.8                  | 0.01                  | 99.29                     |
| 99.0-100.0   | 0.6                       | 0.1                | 994.9                  | 0.01                  | 99.30                     |
| 100.0-101.0  | 0.7                       | 0.1                | 995.0                  | 0.01                  | 99.30                     |
| 101.0-102.0  | 0.7                       | 0.1                | 995.0                  | 0.01                  | 99.31                     |
| 102.0-103.0  | 0.7                       | 0.1                | 995.1                  | 0.01                  | 99.32                     |
| 103.0-104.0  | 0.7                       | 0.1                | 995.2                  | 0.01                  | 99.33                     |
| 104.0-105.0  | 0.8                       | 0.1                | 995.3                  | 0.01                  | 99.33                     |
| 105.0-106.0  | 0.8                       | 0.1                | 995.4                  | 0.01                  | 99.34                     |
| 106.0-107.0  | 0.8                       | 0.1                | 995.4                  | 0.01                  | 99.35                     |
| 107.0-108.0  | 0.8                       | 0.1                | 995.5                  | 0.01                  | 99.36                     |

C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 6.490 m [K=1.0000]  
Humidity:  
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  | 0.9                       | 0.1                | 995.6                  | 0.01                  | 99.37                     |
| 109.0-110.0  | 0.9                       | 0.1                | 995.7                  | 0.01                  | 99.38                     |
| 110.0-111.0  | 0.9                       | 0.1                | 995.8                  | 0.01                  | 99.39                     |
| 111.0-112.0  | 1.0                       | 0.1                | 995.9                  | 0.01                  | 99.40                     |
| 112.0-113.0  | 1.0                       | 0.1                | 996.0                  | 0.01                  | 99.41                     |
| 113.0-114.0  | 1.1                       | 0.1                | 996.1                  | 0.01                  | 99.42                     |
| 114.0-115.0  | 1.1                       | 0.1                | 996.2                  | 0.01                  | 99.43                     |
| 115.0-116.0  | 1.1                       | 0.1                | 996.3                  | 0.01                  | 99.44                     |
| 116.0-117.0  | 1.2                       | 0.1                | 996.5                  | 0.01                  | 99.45                     |
| 117.0-118.0  | 1.2                       | 0.1                | 996.6                  | 0.01                  | 99.47                     |
| 118.0-119.0  | 1.2                       | 0.1                | 996.7                  | 0.01                  | 99.48                     |
| 119.0-120.0  | 1.2                       | 0.1                | 996.8                  | 0.01                  | 99.49                     |
| 120.0-121.0  | 1.3                       | 0.1                | 996.9                  | 0.01                  | 99.50                     |
| 121.0-122.0  | 1.3                       | 0.1                | 997.0                  | 0.01                  | 99.51                     |
| 122.0-123.0  | 1.3                       | 0.1                | 997.2                  | 0.01                  | 99.52                     |
| 123.0-124.0  | 1.3                       | 0.1                | 997.3                  | 0.01                  | 99.54                     |
| 124.0-125.0  | 1.4                       | 0.1                | 997.4                  | 0.01                  | 99.55                     |
| 125.0-126.0  | 1.4                       | 0.1                | 997.5                  | 0.01                  | 99.56                     |
| 126.0-127.0  | 1.4                       | 0.1                | 997.7                  | 0.01                  | 99.57                     |
| 127.0-128.0  | 1.4                       | 0.1                | 997.8                  | 0.01                  | 99.59                     |
| 128.0-129.0  | 1.4                       | 0.1                | 997.9                  | 0.01                  | 99.60                     |
| 129.0-130.0  | 1.5                       | 0.1                | 998.0                  | 0.01                  | 99.61                     |
| 130.0-131.0  | 1.5                       | 0.1                | 998.2                  | 0.01                  | 99.62                     |
| 131.0-132.0  | 1.5                       | 0.1                | 998.3                  | 0.01                  | 99.64                     |
| 132.0-133.0  | 1.5                       | 0.1                | 998.4                  | 0.01                  | 99.65                     |
| 133.0-134.0  | 1.5                       | 0.1                | 998.5                  | 0.01                  | 99.66                     |
| 134.0-135.0  | 1.6                       | 0.1                | 998.6                  | 0.01                  | 99.67                     |
| 135.0-136.0  | 1.6                       | 0.1                | 998.8                  | 0.01                  | 99.68                     |
| 136.0-137.0  | 1.6                       | 0.1                | 998.9                  | 0.01                  | 99.70                     |
| 137.0-138.0  | 1.6                       | 0.1                | 999.0                  | 0.01                  | 99.71                     |
| 138.0-139.0  | 1.6                       | 0.1                | 999.1                  | 0.01                  | 99.72                     |
| 139.0-140.0  | 1.6                       | 0.1                | 999.2                  | 0.01                  | 99.73                     |
| 140.0-141.0  | 1.7                       | 0.1                | 999.4                  | 0.01                  | 99.74                     |
| 141.0-142.0  | 1.7                       | 0.1                | 999.5                  | 0.01                  | 99.75                     |
| 142.0-143.0  | 1.7                       | 0.1                | 999.6                  | 0.01                  | 99.77                     |
| 143.0-144.0  | 1.7                       | 0.1                | 999.7                  | 0.01                  | 99.78                     |

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 6.490 m [K=1.0000]  
 Humidity:  
 Inspector:

## Zonal Lumen (Continue 4)

| Gamma<br>[°] | Imean<br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------|--------------------|------------------------|-----------------------|---------------------------|
| 144.0-145.0  | 1.7           | 0.1                | 999.8                  | 0.01                  | 99.79                     |
| 145.0-146.0  | 1.7           | 0.1                | 999.9                  | 0.01                  | 99.80                     |
| 146.0-147.0  | 1.7           | 0.1                | 1000.0                 | 0.01                  | 99.81                     |
| 147.0-148.0  | 1.8           | 0.1                | 1000.1                 | 0.01                  | 99.82                     |
| 148.0-149.0  | 1.8           | 0.1                | 1000.2                 | 0.01                  | 99.83                     |
| 149.0-150.0  | 1.8           | 0.1                | 1000.3                 | 0.01                  | 99.84                     |
| 150.0-151.0  | 1.8           | 0.1                | 1000.4                 | 0.01                  | 99.85                     |
| 151.0-152.0  | 1.8           | 0.1                | 1000.5                 | 0.01                  | 99.86                     |
| 152.0-153.0  | 1.8           | 0.1                | 1000.6                 | 0.01                  | 99.87                     |
| 153.0-154.0  | 1.8           | 0.1                | 1000.7                 | 0.01                  | 99.88                     |
| 154.0-155.0  | 1.9           | 0.1                | 1000.8                 | 0.01                  | 99.89                     |
| 155.0-156.0  | 1.9           | 0.1                | 1000.9                 | 0.01                  | 99.89                     |
| 156.0-157.0  | 1.9           | 0.1                | 1001.0                 | 0.01                  | 99.90                     |
| 157.0-158.0  | 1.9           | 0.1                | 1001.0                 | 0.01                  | 99.91                     |
| 158.0-159.0  | 1.9           | 0.1                | 1001.1                 | 0.01                  | 99.92                     |
| 159.0-160.0  | 1.9           | 0.1                | 1001.2                 | 0.01                  | 99.92                     |
| 160.0-161.0  | 1.9           | 0.1                | 1001.3                 | 0.01                  | 99.93                     |
| 161.0-162.0  | 1.9           | 0.1                | 1001.3                 | 0.01                  | 99.94                     |
| 162.0-163.0  | 1.9           | 0.1                | 1001.4                 | 0.01                  | 99.95                     |
| 163.0-164.0  | 2.0           | 0.1                | 1001.4                 | 0.01                  | 99.95                     |
| 164.0-165.0  | 2.0           | 0.1                | 1001.5                 | 0.01                  | 99.96                     |
| 165.0-166.0  | 2.0           | 0.1                | 1001.6                 | 0.01                  | 99.96                     |
| 166.0-167.0  | 2.0           | 0.1                | 1001.6                 | 0.01                  | 99.97                     |
| 167.0-168.0  | 2.0           | 0.0                | 1001.7                 | 0.00                  | 99.97                     |
| 168.0-169.0  | 2.0           | 0.0                | 1001.7                 | 0.00                  | 99.98                     |
| 169.0-170.0  | 2.0           | 0.0                | 1001.7                 | 0.00                  | 99.98                     |
| 170.0-171.0  | 2.0           | 0.0                | 1001.8                 | 0.00                  | 99.98                     |
| 171.0-172.0  | 2.0           | 0.0                | 1001.8                 | 0.00                  | 99.99                     |
| 172.0-173.0  | 2.0           | 0.0                | 1001.8                 | 0.00                  | 99.99                     |
| 173.0-174.0  | 2.0           | 0.0                | 1001.9                 | 0.00                  | 99.99                     |
| 174.0-175.0  | 2.0           | 0.0                | 1001.9                 | 0.00                  | 100.00                    |
| 175.0-176.0  | 2.0           | 0.0                | 1001.9                 | 0.00                  | 100.00                    |
| 176.0-177.0  | 2.0           | 0.0                | 1001.9                 | 0.00                  | 100.00                    |
| 177.0-178.0  | 2.0           | 0.0                | 1001.9                 | 0.00                  | 100.00                    |
| 178.0-179.0  | 2.0           | 0.0                | 1001.9                 | 0.00                  | 100.00                    |
| 179.0-180.0  | 2.0           | 0.0                | 1001.9                 | 0.00                  | 100.00                    |

C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 6.490 m [K=1.0000]  
Humidity:  
Inspector:

## Zonal Lumen (Continue 5)

cone flux(90°): 423.38 lm

%lum = 42.3%

%lamp = 42.3%

cone flux(120°): 667.38 lm

%lum = 66.6%

%lamp = 66.6%

## Candlepower Table

Unit: cd

| G\C   | C0.0  | C90.0 | C180.0 | C270.0 | C360.0 |  |  |  |  |  |
|-------|-------|-------|--------|--------|--------|--|--|--|--|--|
| G0.0  | 253.8 | 253.7 | 253.8  | 253.7  | 253.8  |  |  |  |  |  |
| G1.0  | 253.8 | 253.7 | 253.9  | 253.7  | 253.8  |  |  |  |  |  |
| G2.0  | 253.6 | 253.7 | 253.8  | 253.6  | 253.6  |  |  |  |  |  |
| G3.0  | 253.4 | 253.6 | 253.8  | 253.4  | 253.4  |  |  |  |  |  |
| G4.0  | 253.1 | 253.4 | 253.7  | 253.2  | 253.1  |  |  |  |  |  |
| G5.0  | 253.0 | 253.2 | 253.6  | 252.9  | 253.0  |  |  |  |  |  |
| G6.0  | 252.6 | 253.0 | 253.4  | 252.6  | 252.6  |  |  |  |  |  |
| G7.0  | 252.2 | 252.8 | 253.1  | 252.2  | 252.2  |  |  |  |  |  |
| G8.0  | 251.8 | 252.4 | 252.8  | 251.7  | 251.8  |  |  |  |  |  |
| G9.0  | 251.3 | 251.9 | 252.5  | 251.2  | 251.3  |  |  |  |  |  |
| G10.0 | 250.9 | 251.5 | 252.0  | 250.8  | 250.9  |  |  |  |  |  |
| G11.0 | 250.1 | 251.0 | 251.6  | 250.1  | 250.1  |  |  |  |  |  |
| G12.0 | 249.6 | 250.4 | 251.0  | 249.5  | 249.6  |  |  |  |  |  |
| G13.0 | 248.9 | 249.9 | 250.4  | 248.8  | 248.9  |  |  |  |  |  |
| G14.0 | 248.2 | 249.2 | 249.9  | 248.1  | 248.2  |  |  |  |  |  |
| G15.0 | 247.5 | 248.6 | 249.3  | 247.4  | 247.5  |  |  |  |  |  |
| G16.0 | 246.7 | 247.9 | 248.4  | 246.6  | 246.7  |  |  |  |  |  |
| G17.0 | 245.8 | 247.0 | 247.8  | 245.7  | 245.8  |  |  |  |  |  |
| G18.0 | 245.0 | 246.2 | 247.0  | 244.9  | 245.0  |  |  |  |  |  |
| G19.0 | 244.0 | 245.3 | 246.1  | 243.8  | 244.0  |  |  |  |  |  |
| G20.0 | 243.0 | 244.4 | 245.3  | 242.9  | 243.0  |  |  |  |  |  |
| G21.0 | 242.0 | 243.5 | 244.4  | 241.8  | 242.0  |  |  |  |  |  |
| G22.0 | 240.9 | 242.3 | 243.4  | 240.7  | 240.9  |  |  |  |  |  |
| G23.0 | 239.8 | 241.4 | 242.5  | 239.6  | 239.8  |  |  |  |  |  |
| G24.0 | 238.7 | 240.3 | 241.3  | 238.4  | 238.7  |  |  |  |  |  |
| G25.0 | 237.5 | 239.1 | 240.3  | 237.2  | 237.5  |  |  |  |  |  |
| G26.0 | 236.3 | 237.9 | 239.2  | 236.0  | 236.3  |  |  |  |  |  |
| G27.0 | 234.9 | 236.6 | 237.9  | 234.6  | 234.9  |  |  |  |  |  |
| G28.0 | 233.7 | 235.4 | 236.7  | 233.2  | 233.7  |  |  |  |  |  |
| G29.0 | 232.3 | 234.1 | 235.4  | 231.8  | 232.3  |  |  |  |  |  |
| G30.0 | 230.9 | 232.6 | 234.2  | 230.4  | 230.9  |  |  |  |  |  |
| G31.0 | 229.4 | 231.3 | 232.9  | 228.9  | 229.4  |  |  |  |  |  |
| G32.0 | 228.1 | 229.8 | 231.4  | 227.4  | 228.1  |  |  |  |  |  |
| G33.0 | 226.5 | 228.3 | 230.1  | 225.9  | 226.5  |  |  |  |  |  |
| G34.0 | 224.9 | 226.9 | 228.6  | 224.4  | 224.9  |  |  |  |  |  |
| G35.0 | 223.3 | 225.2 | 227.2  | 222.6  | 223.3  |  |  |  |  |  |
| G36.0 | 221.6 | 223.6 | 225.6  | 221.0  | 221.6  |  |  |  |  |  |

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 6.490 m [K=1.0000]  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 1)

Unit: cd

| G\C   | C0.0  | C90.0 | C180.0 | C270.0 | C360.0 |  |  |  |  |  |
|-------|-------|-------|--------|--------|--------|--|--|--|--|--|
| G37.0 | 220.0 | 222.0 | 224.0  | 219.2  | 220.0  |  |  |  |  |  |
| G38.0 | 218.2 | 220.2 | 222.3  | 217.4  | 218.2  |  |  |  |  |  |
| G39.0 | 216.4 | 218.5 | 220.7  | 215.7  | 216.4  |  |  |  |  |  |
| G40.0 | 214.5 | 216.6 | 218.9  | 213.8  | 214.5  |  |  |  |  |  |
| G41.0 | 212.7 | 214.9 | 217.3  | 211.9  | 212.7  |  |  |  |  |  |
| G42.0 | 210.7 | 213.0 | 215.6  | 210.0  | 210.7  |  |  |  |  |  |
| G43.0 | 208.7 | 210.9 | 213.7  | 207.8  | 208.7  |  |  |  |  |  |
| G44.0 | 206.8 | 209.1 | 211.7  | 205.8  | 206.8  |  |  |  |  |  |
| G45.0 | 204.7 | 206.9 | 209.7  | 203.5  | 204.7  |  |  |  |  |  |
| G46.0 | 202.4 | 204.7 | 207.7  | 201.5  | 202.4  |  |  |  |  |  |
| G47.0 | 200.2 | 202.6 | 205.7  | 199.3  | 200.2  |  |  |  |  |  |
| G48.0 | 197.7 | 200.2 | 203.4  | 196.7  | 197.7  |  |  |  |  |  |
| G49.0 | 195.5 | 197.9 | 201.3  | 194.4  | 195.5  |  |  |  |  |  |
| G50.0 | 193.3 | 195.6 | 199.1  | 192.3  | 193.3  |  |  |  |  |  |
| G51.0 | 190.6 | 193.1 | 196.6  | 189.5  | 190.6  |  |  |  |  |  |
| G52.0 | 188.1 | 190.8 | 194.2  | 187.0  | 188.1  |  |  |  |  |  |
| G53.0 | 185.6 | 188.2 | 191.6  | 184.1  | 185.6  |  |  |  |  |  |
| G54.0 | 182.8 | 185.5 | 189.0  | 181.6  | 182.8  |  |  |  |  |  |
| G55.0 | 180.2 | 182.9 | 186.6  | 179.0  | 180.2  |  |  |  |  |  |
| G56.0 | 177.4 | 180.0 | 183.7  | 175.9  | 177.4  |  |  |  |  |  |
| G57.0 | 174.6 | 177.3 | 181.0  | 173.3  | 174.6  |  |  |  |  |  |
| G58.0 | 171.9 | 174.6 | 178.2  | 170.2  | 171.9  |  |  |  |  |  |
| G59.0 | 168.8 | 171.6 | 175.6  | 167.5  | 168.8  |  |  |  |  |  |
| G60.0 | 166.1 | 168.8 | 172.9  | 164.6  | 166.1  |  |  |  |  |  |
| G61.0 | 163.3 | 166.1 | 169.9  | 161.5  | 163.3  |  |  |  |  |  |
| G62.0 | 160.1 | 162.9 | 167.1  | 158.5  | 160.1  |  |  |  |  |  |
| G63.0 | 157.2 | 160.1 | 164.1  | 155.7  | 157.2  |  |  |  |  |  |
| G64.0 | 154.1 | 156.8 | 161.1  | 152.3  | 154.1  |  |  |  |  |  |
| G65.0 | 150.9 | 153.9 | 158.1  | 149.4  | 150.9  |  |  |  |  |  |
| G66.0 | 148.0 | 151.0 | 155.1  | 146.1  | 148.0  |  |  |  |  |  |
| G67.0 | 144.6 | 147.5 | 152.1  | 142.9  | 144.6  |  |  |  |  |  |
| G68.0 | 141.5 | 144.5 | 149.2  | 139.8  | 141.5  |  |  |  |  |  |
| G69.0 | 138.3 | 141.4 | 145.8  | 136.5  | 138.3  |  |  |  |  |  |
| G70.0 | 134.8 | 137.8 | 142.9  | 133.1  | 134.8  |  |  |  |  |  |
| G71.0 | 131.4 | 134.7 | 139.7  | 129.9  | 131.4  |  |  |  |  |  |
| G72.0 | 127.6 | 131.1 | 136.2  | 126.4  | 127.6  |  |  |  |  |  |
| G73.0 | 124.0 | 127.5 | 133.1  | 123.0  | 124.0  |  |  |  |  |  |

C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 6.490 m [K=1.0000]  
Humidity:  
Inspector:

## Candlepower Table (Continue 2)

Unit: cd

| G\C    | C0.0  | C90.0 | C180.0 | C270.0 | C360.0 |  |  |  |  |  |
|--------|-------|-------|--------|--------|--------|--|--|--|--|--|
| G74.0  | 120.1 | 124.0 | 129.7  | 119.4  | 120.1  |  |  |  |  |  |
| G75.0  | 115.7 | 119.8 | 126.3  | 115.8  | 115.7  |  |  |  |  |  |
| G76.0  | 111.3 | 115.9 | 122.9  | 112.2  | 111.3  |  |  |  |  |  |
| G77.0  | 106.8 | 111.6 | 118.9  | 108.0  | 106.8  |  |  |  |  |  |
| G78.0  | 101.3 | 106.7 | 114.7  | 103.7  | 101.3  |  |  |  |  |  |
| G79.0  | 95.4  | 101.8 | 110.2  | 99.4   | 95.4   |  |  |  |  |  |
| G80.0  | 88.3  | 95.6  | 105.0  | 94.3   | 88.3   |  |  |  |  |  |
| G81.0  | 80.4  | 88.8  | 99.6   | 88.8   | 80.4   |  |  |  |  |  |
| G82.0  | 70.6  | 81.2  | 92.8   | 82.5   | 70.6   |  |  |  |  |  |
| G83.0  | 58.2  | 70.4  | 85.4   | 75.9   | 58.2   |  |  |  |  |  |
| G84.0  | 44.5  | 57.9  | 76.6   | 67.3   | 44.5   |  |  |  |  |  |
| G85.0  | 32.3  | 41.4  | 64.4   | 55.1   | 32.3   |  |  |  |  |  |
| G86.0  | 18.9  | 21.0  | 50.5   | 42.7   | 18.9   |  |  |  |  |  |
| G87.0  | 3.4   | 3.0   | 36.0   | 26.5   | 3.4    |  |  |  |  |  |
| G88.0  | 1.1   | 0.8   | 18.8   | 5.0    | 1.1    |  |  |  |  |  |
| G89.0  | 0.6   | 0.6   | 3.4    | 1.1    | 0.6    |  |  |  |  |  |
| G90.0  | 0.6   | 0.5   | 1.2    | 0.5    | 0.6    |  |  |  |  |  |
| G91.0  | 0.5   | 0.5   | 0.5    | 0.4    | 0.5    |  |  |  |  |  |
| G92.0  | 0.6   | 0.5   | 0.5    | 0.4    | 0.6    |  |  |  |  |  |
| G93.0  | 0.6   | 0.6   | 0.4    | 0.5    | 0.6    |  |  |  |  |  |
| G94.0  | 0.6   | 0.6   | 0.4    | 0.5    | 0.6    |  |  |  |  |  |
| G95.0  | 0.6   | 0.6   | 0.4    | 0.5    | 0.6    |  |  |  |  |  |
| G96.0  | 0.6   | 0.6   | 0.4    | 0.5    | 0.6    |  |  |  |  |  |
| G97.0  | 0.7   | 0.6   | 0.5    | 0.5    | 0.7    |  |  |  |  |  |
| G98.0  | 0.7   | 0.6   | 0.5    | 0.5    | 0.7    |  |  |  |  |  |
| G99.0  | 0.8   | 0.7   | 0.5    | 0.6    | 0.8    |  |  |  |  |  |
| G100.0 | 0.7   | 0.7   | 0.5    | 0.6    | 0.7    |  |  |  |  |  |
| G101.0 | 0.8   | 0.8   | 0.6    | 0.6    | 0.8    |  |  |  |  |  |
| G102.0 | 0.8   | 0.8   | 0.6    | 0.6    | 0.8    |  |  |  |  |  |
| G103.0 | 0.8   | 0.8   | 0.6    | 0.7    | 0.8    |  |  |  |  |  |
| G104.0 | 0.9   | 0.9   | 0.6    | 0.7    | 0.9    |  |  |  |  |  |
| G105.0 | 0.9   | 0.9   | 0.7    | 0.7    | 0.9    |  |  |  |  |  |
| G106.0 | 0.9   | 0.9   | 0.7    | 0.8    | 0.9    |  |  |  |  |  |
| G107.0 | 0.9   | 0.9   | 0.7    | 0.8    | 0.9    |  |  |  |  |  |
| G108.0 | 1.0   | 0.9   | 0.8    | 0.8    | 1.0    |  |  |  |  |  |
| G109.0 | 1.0   | 0.9   | 0.8    | 0.9    | 1.0    |  |  |  |  |  |
| G110.0 | 1.0   | 1.0   | 0.8    | 0.9    | 1.0    |  |  |  |  |  |

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 6.490 m [K=1.0000]  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 3)

Unit: cd

| G\C    | C0.0 | C90.0 | C180.0 | C270.0 | C360.0 |  |  |  |  |  |
|--------|------|-------|--------|--------|--------|--|--|--|--|--|
| G111.0 | 1.1  | 1.0   | 0.8    | 0.9    | 1.1    |  |  |  |  |  |
| G112.0 | 1.1  | 1.1   | 0.9    | 1.0    | 1.1    |  |  |  |  |  |
| G113.0 | 1.1  | 1.1   | 0.9    | 1.0    | 1.1    |  |  |  |  |  |
| G114.0 | 1.1  | 1.1   | 1.0    | 1.0    | 1.1    |  |  |  |  |  |
| G115.0 | 1.2  | 1.2   | 1.0    | 1.1    | 1.2    |  |  |  |  |  |
| G116.0 | 1.2  | 1.2   | 1.0    | 1.1    | 1.2    |  |  |  |  |  |
| G117.0 | 1.2  | 1.3   | 1.0    | 1.1    | 1.2    |  |  |  |  |  |
| G118.0 | 1.2  | 1.2   | 1.1    | 1.2    | 1.2    |  |  |  |  |  |
| G119.0 | 1.2  | 1.3   | 1.1    | 1.2    | 1.2    |  |  |  |  |  |
| G120.0 | 1.3  | 1.3   | 1.1    | 1.2    | 1.3    |  |  |  |  |  |
| G121.0 | 1.3  | 1.3   | 1.2    | 1.2    | 1.3    |  |  |  |  |  |
| G122.0 | 1.4  | 1.4   | 1.1    | 1.3    | 1.4    |  |  |  |  |  |
| G123.0 | 1.4  | 1.4   | 1.2    | 1.3    | 1.4    |  |  |  |  |  |
| G124.0 | 1.4  | 1.4   | 1.2    | 1.3    | 1.4    |  |  |  |  |  |
| G125.0 | 1.5  | 1.4   | 1.3    | 1.4    | 1.5    |  |  |  |  |  |
| G126.0 | 1.5  | 1.5   | 1.3    | 1.4    | 1.5    |  |  |  |  |  |
| G127.0 | 1.5  | 1.5   | 1.3    | 1.4    | 1.5    |  |  |  |  |  |
| G128.0 | 1.5  | 1.5   | 1.3    | 1.4    | 1.5    |  |  |  |  |  |
| G129.0 | 1.5  | 1.5   | 1.4    | 1.4    | 1.5    |  |  |  |  |  |
| G130.0 | 1.6  | 1.5   | 1.4    | 1.4    | 1.6    |  |  |  |  |  |
| G131.0 | 1.5  | 1.5   | 1.3    | 1.5    | 1.5    |  |  |  |  |  |
| G132.0 | 1.6  | 1.6   | 1.4    | 1.5    | 1.6    |  |  |  |  |  |
| G133.0 | 1.6  | 1.6   | 1.4    | 1.5    | 1.6    |  |  |  |  |  |
| G134.0 | 1.6  | 1.6   | 1.5    | 1.5    | 1.6    |  |  |  |  |  |
| G135.0 | 1.6  | 1.6   | 1.4    | 1.5    | 1.6    |  |  |  |  |  |
| G136.0 | 1.6  | 1.6   | 1.5    | 1.5    | 1.6    |  |  |  |  |  |
| G137.0 | 1.7  | 1.6   | 1.5    | 1.5    | 1.7    |  |  |  |  |  |
| G138.0 | 1.6  | 1.6   | 1.5    | 1.5    | 1.6    |  |  |  |  |  |
| G139.0 | 1.7  | 1.7   | 1.5    | 1.6    | 1.7    |  |  |  |  |  |
| G140.0 | 1.7  | 1.7   | 1.6    | 1.6    | 1.7    |  |  |  |  |  |
| G141.0 | 1.7  | 1.8   | 1.6    | 1.6    | 1.7    |  |  |  |  |  |
| G142.0 | 1.7  | 1.8   | 1.6    | 1.6    | 1.7    |  |  |  |  |  |
| G143.0 | 1.8  | 1.8   | 1.6    | 1.6    | 1.8    |  |  |  |  |  |
| G144.0 | 1.7  | 1.8   | 1.7    | 1.7    | 1.7    |  |  |  |  |  |
| G145.0 | 1.8  | 1.8   | 1.6    | 1.7    | 1.8    |  |  |  |  |  |
| G146.0 | 1.8  | 1.8   | 1.7    | 1.7    | 1.8    |  |  |  |  |  |
| G147.0 | 1.8  | 1.8   | 1.7    | 1.8    | 1.8    |  |  |  |  |  |

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 6.490 m [K=1.0000]  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 4)

Unit: cd

| G\C    | C0.0 | C90.0 | C180.0 | C270.0 | C360.0 |  |  |  |  |  |
|--------|------|-------|--------|--------|--------|--|--|--|--|--|
| G148.0 | 1.8  | 1.8   | 1.7    | 1.8    | 1.8    |  |  |  |  |  |
| G149.0 | 1.8  | 1.8   | 1.7    | 1.8    | 1.8    |  |  |  |  |  |
| G150.0 | 1.8  | 1.8   | 1.7    | 1.8    | 1.8    |  |  |  |  |  |
| G151.0 | 1.8  | 1.9   | 1.7    | 1.8    | 1.8    |  |  |  |  |  |
| G152.0 | 1.8  | 1.9   | 1.8    | 1.8    | 1.8    |  |  |  |  |  |
| G153.0 | 1.9  | 1.8   | 1.8    | 1.9    | 1.9    |  |  |  |  |  |
| G154.0 | 1.9  | 1.9   | 1.8    | 1.8    | 1.9    |  |  |  |  |  |
| G155.0 | 1.9  | 1.9   | 1.8    | 1.9    | 1.9    |  |  |  |  |  |
| G156.0 | 1.9  | 2.0   | 1.8    | 1.9    | 1.9    |  |  |  |  |  |
| G157.0 | 1.9  | 1.9   | 1.8    | 1.9    | 1.9    |  |  |  |  |  |
| G158.0 | 1.9  | 1.9   | 1.8    | 1.9    | 1.9    |  |  |  |  |  |
| G159.0 | 1.9  | 1.9   | 1.9    | 1.9    | 1.9    |  |  |  |  |  |
| G160.0 | 1.9  | 2.0   | 1.9    | 1.9    | 1.9    |  |  |  |  |  |
| G161.0 | 1.9  | 2.0   | 1.9    | 2.0    | 1.9    |  |  |  |  |  |
| G162.0 | 2.0  | 2.0   | 1.9    | 2.0    | 2.0    |  |  |  |  |  |
| G163.0 | 2.0  | 1.9   | 1.9    | 2.0    | 2.0    |  |  |  |  |  |
| G164.0 | 2.0  | 2.0   | 1.9    | 2.0    | 2.0    |  |  |  |  |  |
| G165.0 | 2.0  | 2.0   | 1.9    | 2.0    | 2.0    |  |  |  |  |  |
| G166.0 | 2.0  | 2.0   | 1.9    | 2.0    | 2.0    |  |  |  |  |  |
| G167.0 | 2.0  | 2.0   | 2.0    | 2.0    | 2.0    |  |  |  |  |  |
| G168.0 | 2.0  | 2.0   | 2.0    | 2.1    | 2.0    |  |  |  |  |  |
| G169.0 | 2.0  | 2.0   | 2.0    | 2.1    | 2.0    |  |  |  |  |  |
| G170.0 | 2.0  | 2.0   | 2.0    | 2.1    | 2.0    |  |  |  |  |  |
| G171.0 | 2.0  | 2.1   | 2.0    | 2.1    | 2.0    |  |  |  |  |  |
| G172.0 | 2.0  | 2.0   | 2.0    | 2.1    | 2.0    |  |  |  |  |  |
| G173.0 | 2.0  | 2.0   | 2.0    | 2.1    | 2.0    |  |  |  |  |  |
| G174.0 | 2.0  | 2.1   | 2.0    | 2.0    | 2.0    |  |  |  |  |  |
| G175.0 | 2.0  | 2.0   | 2.0    | 2.1    | 2.0    |  |  |  |  |  |
| G176.0 | 2.0  | 2.1   | 2.0    | 2.1    | 2.0    |  |  |  |  |  |
| G177.0 | 2.0  | 2.0   | 2.0    | 2.1    | 2.0    |  |  |  |  |  |
| G178.0 | 2.0  | 2.0   | 2.0    | 2.1    | 2.0    |  |  |  |  |  |
| G179.0 | 2.0  | 2.1   | 2.0    | 2.0    | 2.0    |  |  |  |  |  |
| G180.0 | 2.0  | 2.1   | 2.0    | 2.0    | 2.0    |  |  |  |  |  |
|        |      |       |        |        |        |  |  |  |  |  |
|        |      |       |        |        |        |  |  |  |  |  |
|        |      |       |        |        |        |  |  |  |  |  |
|        |      |       |        |        |        |  |  |  |  |  |

C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 6.490 m [K=1.0000]  
Humidity:  
Inspector:

## LED Average Luminance Report

| Avg.L           | cd/m <sup>2</sup> |
|-----------------|-------------------|
| L 0-180(65) av  | 29324.70          |
| L 0-180(75) av  | 37490.59          |
| L 0-180(85) av  | 44476.94          |
| L 90-270(65) av | 28782.91          |
| L 90-270(75) av | 36505.22          |
| L 90-270(85) av | 44398.73          |
| L 45(65) av     | 29053.81          |
| L 45(75) av     | 36997.91          |
| L 45(85) av     | 44437.83          |

Standard: GB/T 29293-2012