

Report No.:

Test Time: 2026-10-09 08:45

## Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm): -126

Luminous Height (mm):

Current: 0.069 A

Power Factor: 0.906

Luminaire Description: 67797WT

Lamp Description:

Lumens per Lamp:

Luminous Width (mm): -126

Voltage: 220.3 V

Power: 13.87 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 1053.6 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H147.5

Vertical Diffuse Angle(50%): V145.6

Luminaire Efficacy Rating (LER): 76.01

Max. Intensity: 266.2 cd

S/MH(C0/C180): 1.37

Total Rated Lamp Lumens: 1053.6 lm

Efficiency: 100%

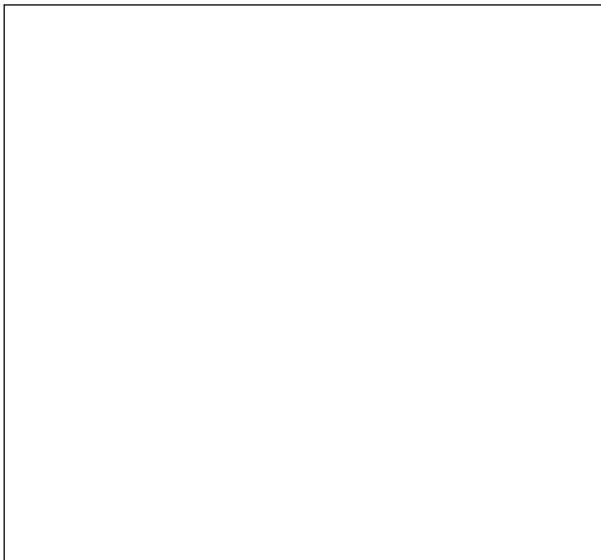
Upward Ratio: 1%

C0r0 Intensity: 266.19 cd

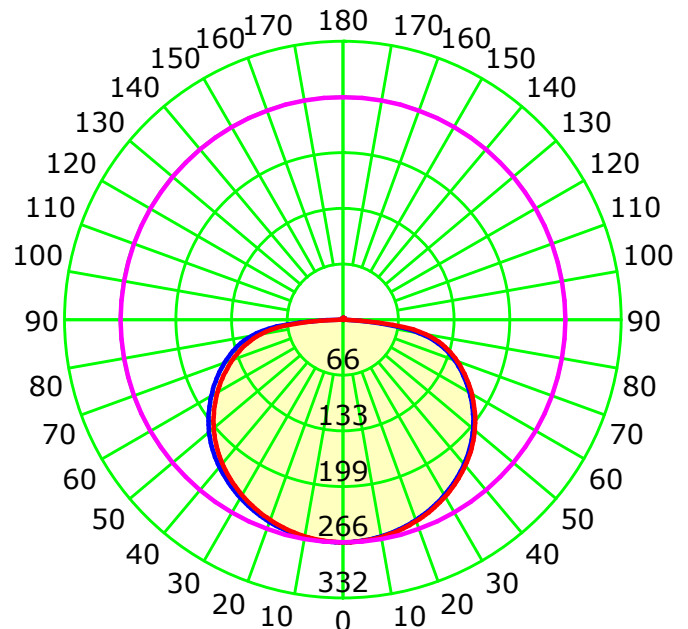
Pos of Max. Intensity: H0 V0

S/MH(C90/C270): 1.37

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 146.5°

— C0-C180 — C90-C270 — G0

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

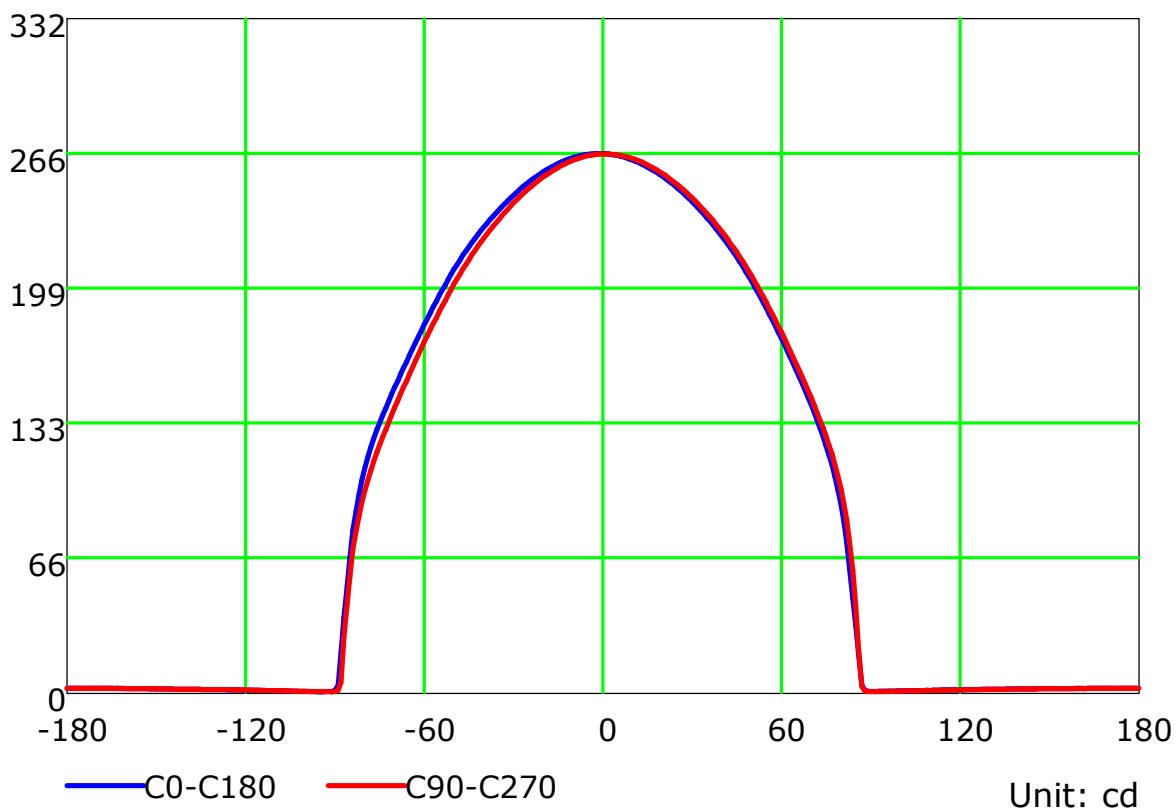
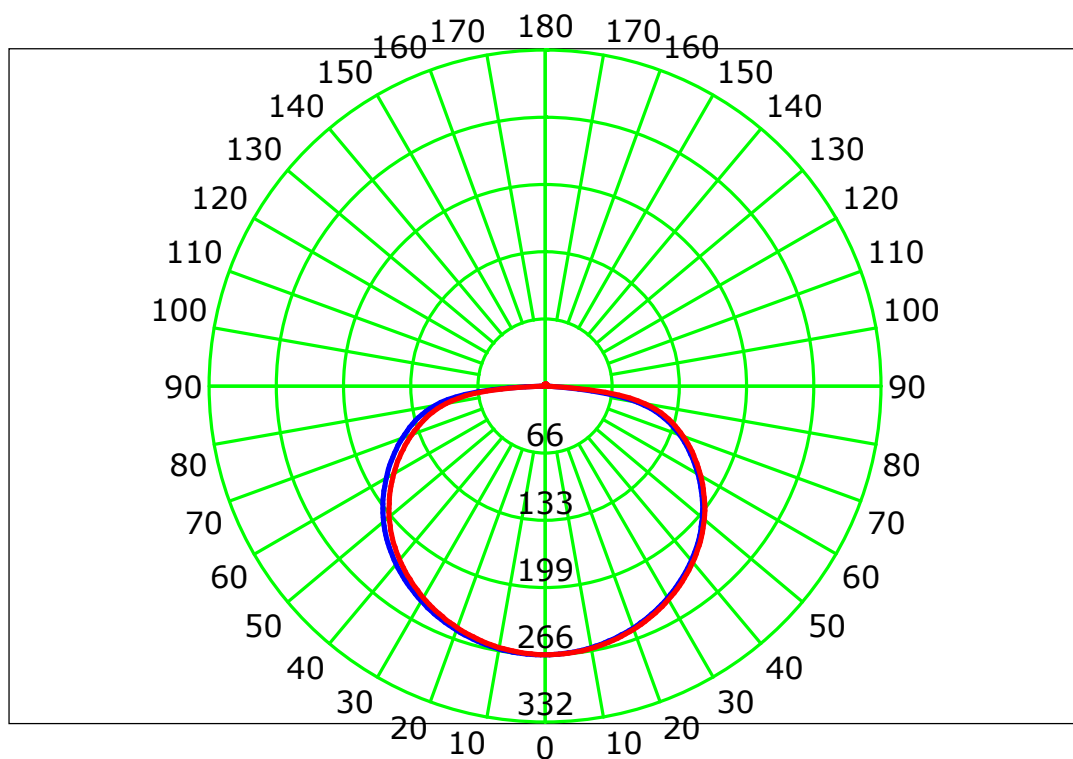
Test Device: GPM-1600L

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:

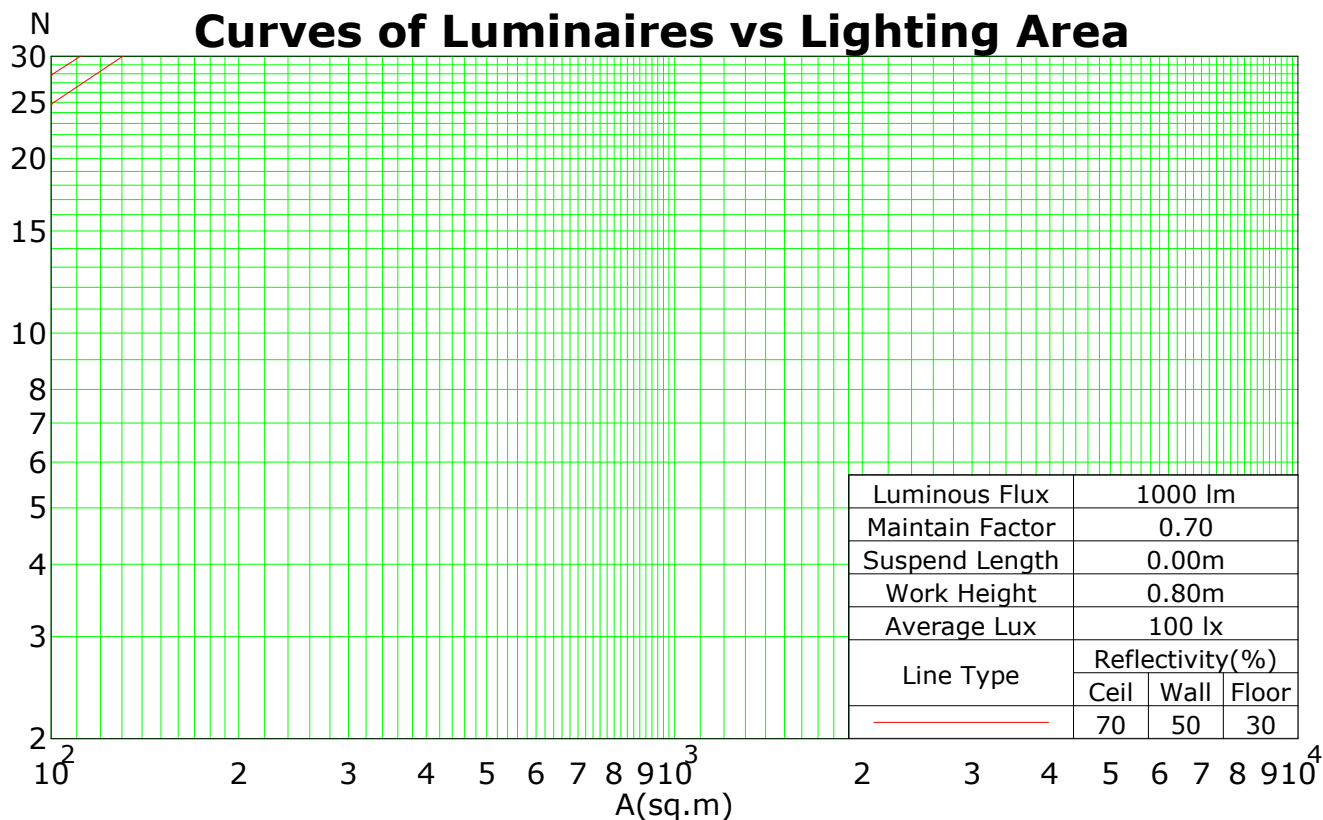
## Coefficients Of Utilization - Zonal Cavity Method

|     |          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 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 | 0.57 | 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 | 0.27 | 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): 1.37

Spacing Criteria (Diagonal): 1.53



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

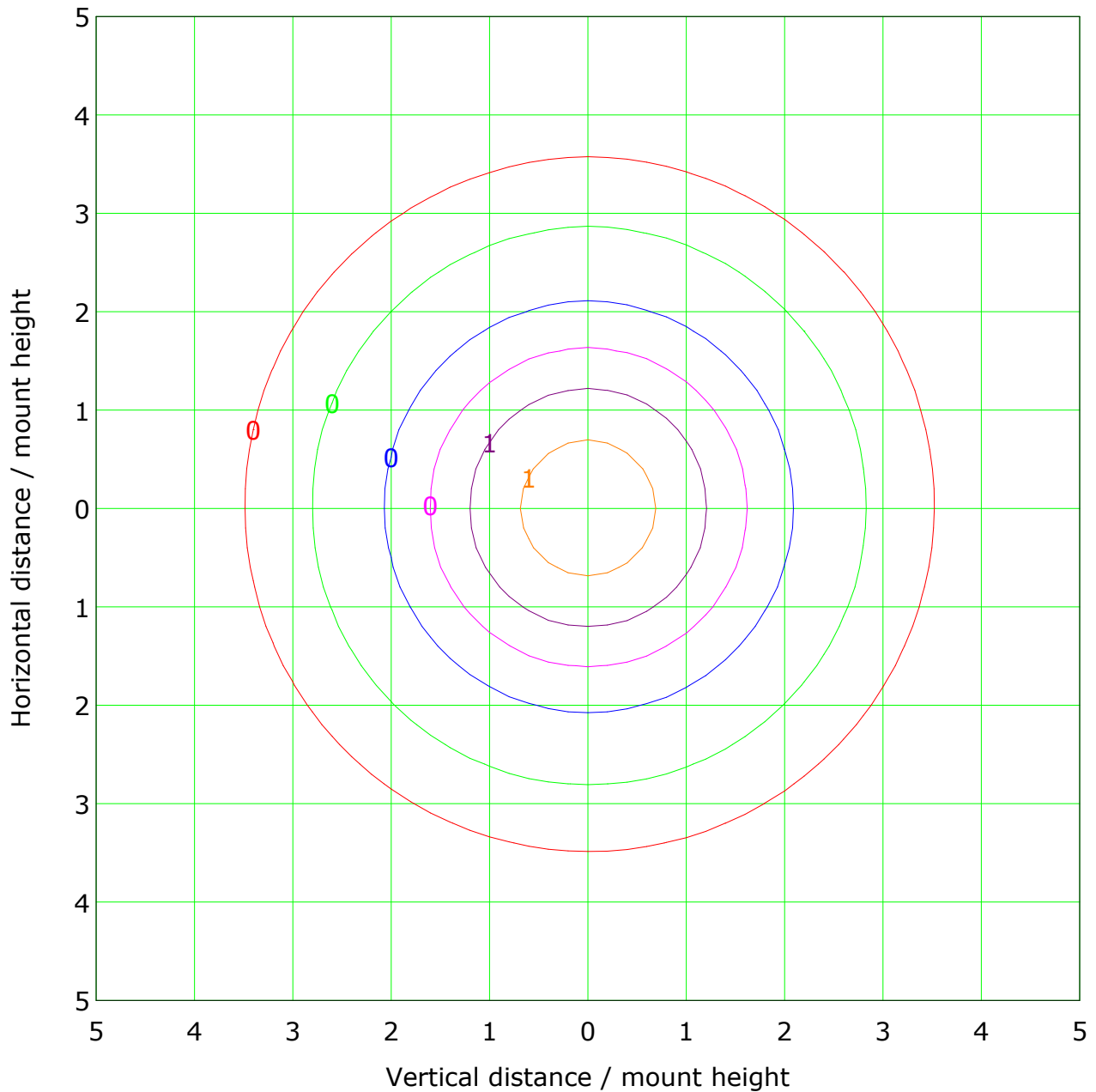
Test Device: GPM-1600L

Distance: 6.490 m [K=1.0000]

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10.0m    Max Lux(100%): 2.7 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%): 2.7 lx |                |

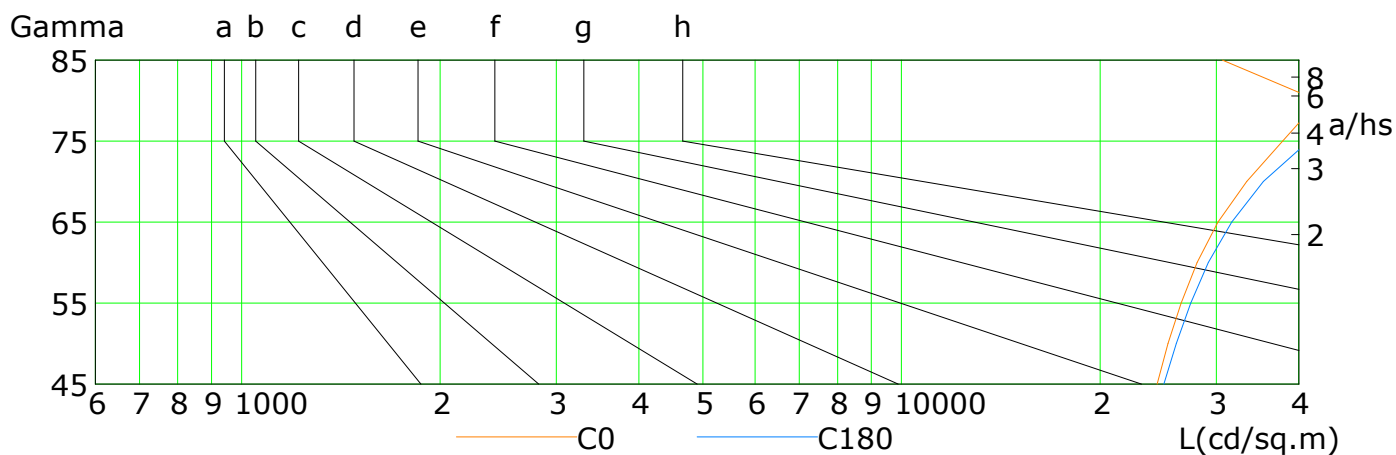
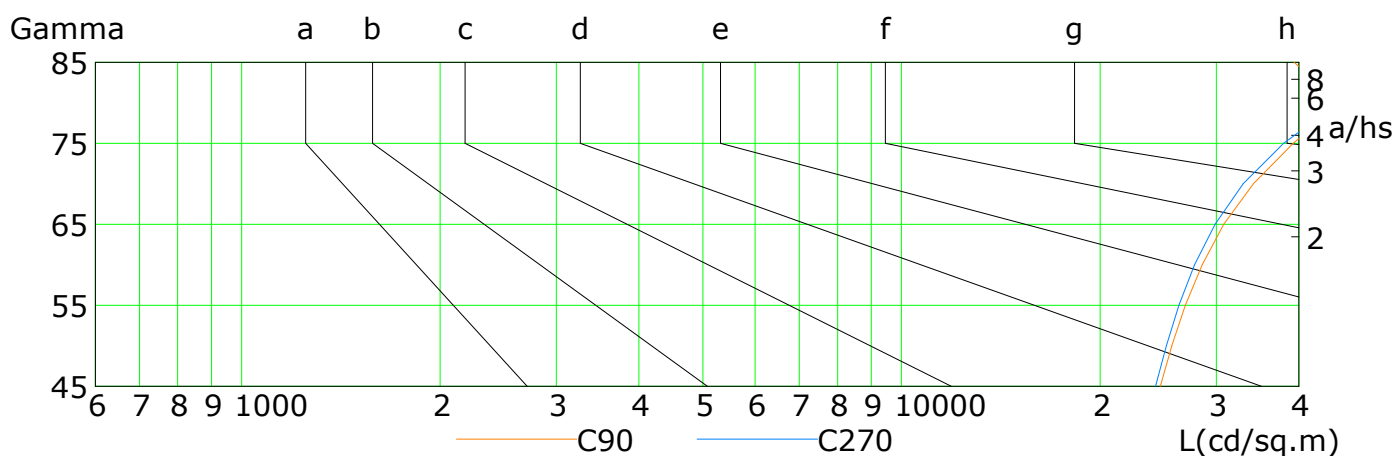
C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator: 张宇哲

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

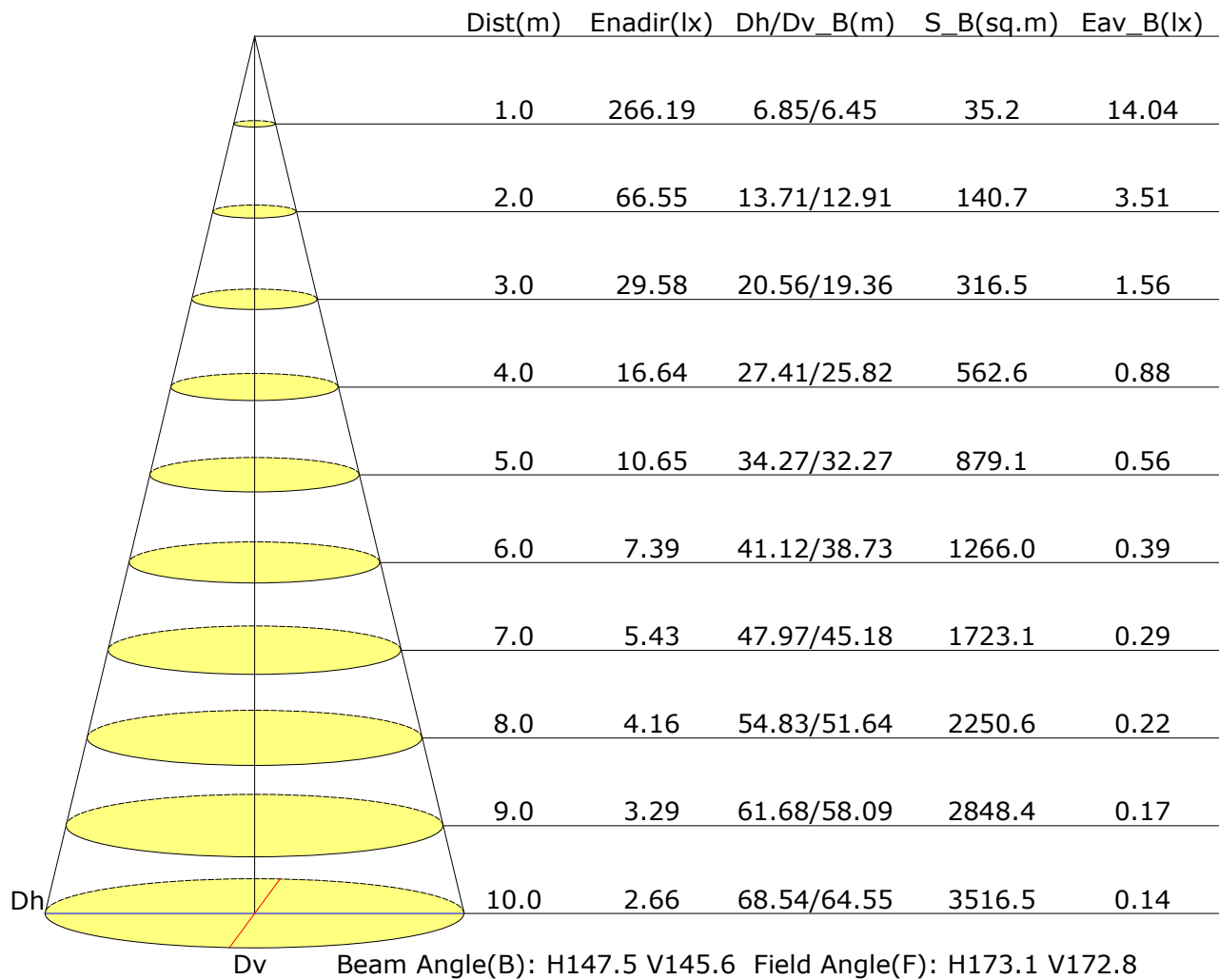


| L(cd/sq.m) | G45   | G50   | G55   | G60   | G65   | G70   | G75   | G80   | G85   |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| C0         | 24414 | 25357 | 26523 | 28066 | 30182 | 33353 | 37800 | 42859 | 30651 |
| C90        | 24671 | 25677 | 26920 | 28552 | 30790 | 34144 | 39248 | 46439 | 39347 |
| C180       | 24987 | 26104 | 27432 | 29167 | 31640 | 35337 | 41317 | 51117 | 61763 |
| C270       | 24256 | 25202 | 26322 | 27800 | 29875 | 32971 | 37915 | 45926 | 53177 |

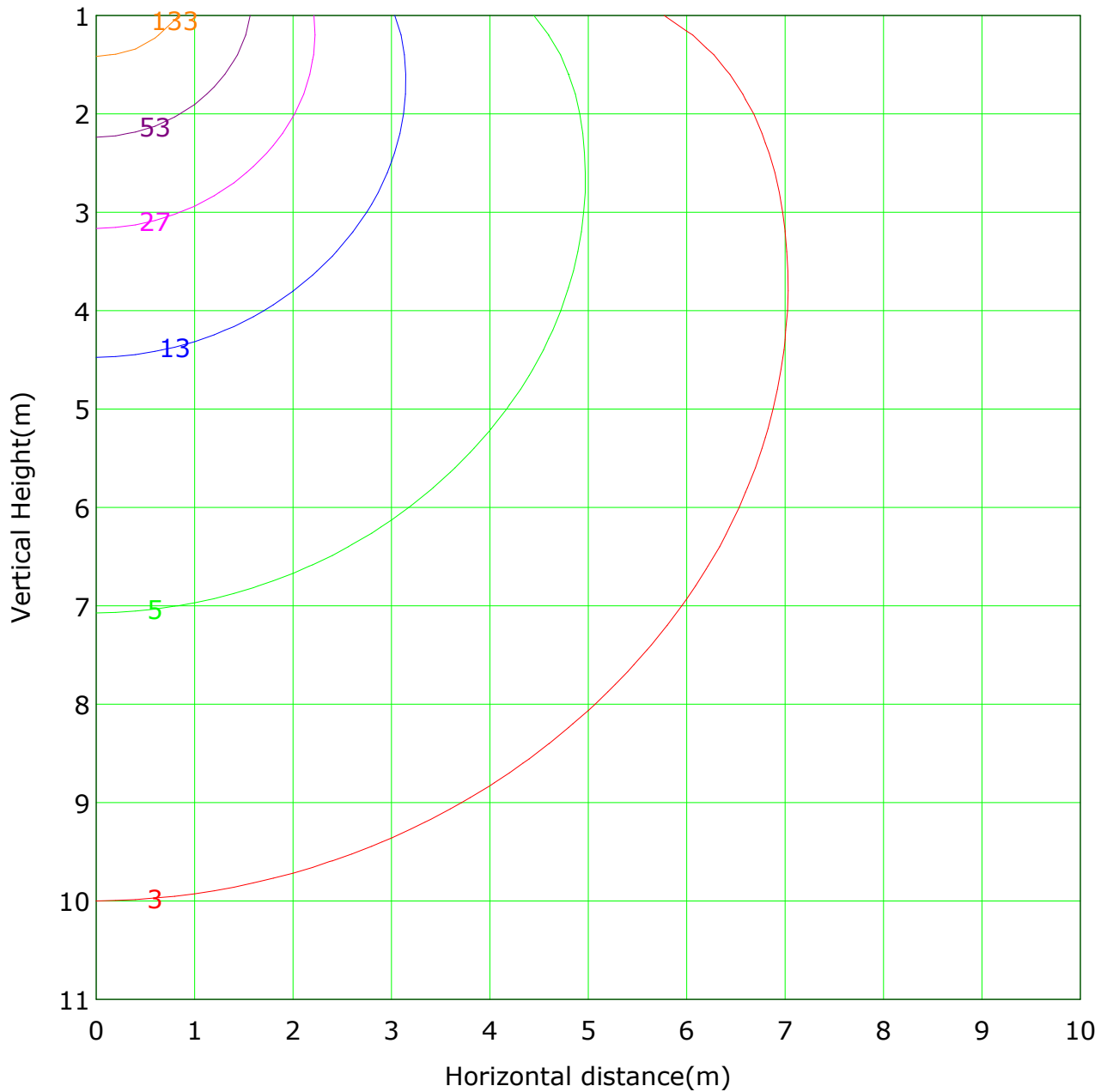
C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator: 张宇哲

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



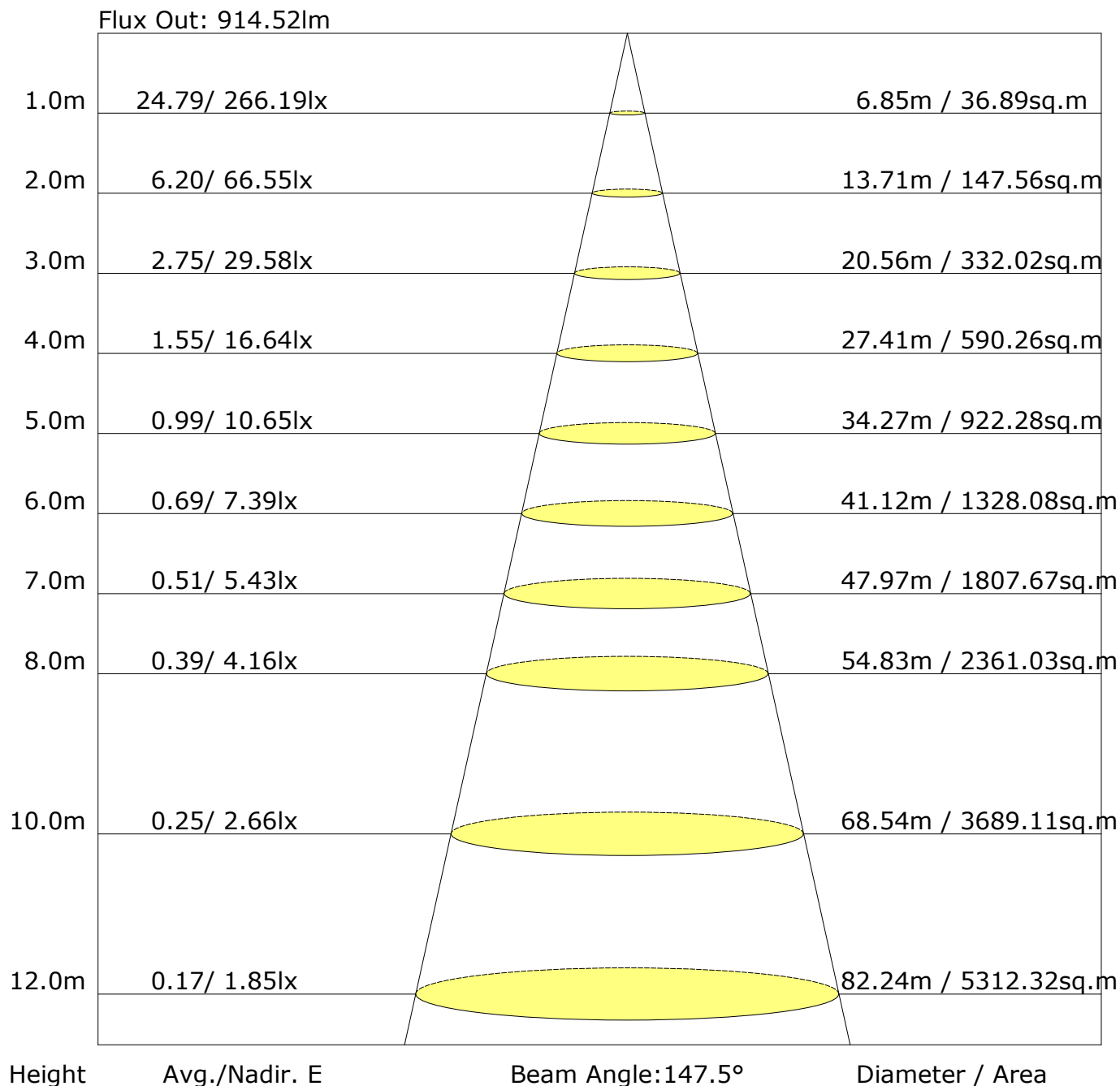
## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 266.2 lx

|                  |                  |
|------------------|------------------|
| ( 1%): 2.7 lx    | ( 2%): 5.3 lx    |
| ( 5%): 13.3 lx   | ( 10%): 26.6 lx  |
| ( 20%): 53.2 lx  | ( 50%): 133.1 lx |
| (100%): 266.2 lx |                  |

## The Average Illuminance Effective Figure



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:

## 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                                          | 24.1             | 25.6 | 24.4 | 25.9 | 26.2 | 24.1           | 25.7 | 24.4 | 25.9 | 26.2 |
| 3H                                                 | 26.5             | 27.9 | 26.9 | 28.2 | 28.5 | 26.6           | 28.0 | 26.9 | 28.3 | 28.6 |
| 4H                                                 | 27.8             | 29.1 | 28.1 | 29.4 | 29.8 | 27.8           | 29.2 | 28.2 | 29.5 | 29.8 |
| 6H                                                 | 28.9             | 30.2 | 29.3 | 30.5 | 30.9 | 29.1           | 30.3 | 29.5 | 30.7 | 31.0 |
| 8H                                                 | 29.4             | 30.6 | 29.8 | 30.9 | 31.3 | 29.6           | 30.8 | 30.0 | 31.2 | 31.5 |
| 12H                                                | 29.6             | 30.8 | 30.0 | 31.1 | 31.5 | 30.0           | 31.2 | 30.4 | 31.5 | 31.9 |
| X=4H Y=2H                                          | 25.0             | 26.4 | 25.4 | 26.7 | 27.0 | 25.1           | 26.4 | 25.4 | 26.7 | 27.0 |
| 3H                                                 | 27.7             | 28.8 | 28.1 | 29.2 | 29.6 | 27.7           | 28.9 | 28.1 | 29.2 | 29.6 |
| 4H                                                 | 29.1             | 30.1 | 29.5 | 30.5 | 30.9 | 29.1           | 30.2 | 29.5 | 30.6 | 31.0 |
| 6H                                                 | 30.4             | 31.4 | 30.8 | 31.8 | 32.2 | 30.5           | 31.5 | 31.0 | 31.9 | 32.3 |
| 8H                                                 | 30.9             | 31.8 | 31.4 | 32.2 | 32.7 | 31.2           | 32.0 | 31.6 | 32.5 | 32.9 |
| 12H                                                | 31.2             | 32.0 | 31.7 | 32.4 | 32.9 | 31.6           | 32.4 | 32.1 | 32.9 | 33.3 |
| X=8H Y=4H                                          | 29.7             | 30.6 | 30.1 | 31.0 | 31.4 | 29.7           | 30.6 | 30.2 | 31.0 | 31.5 |
| 6H                                                 | 31.2             | 32.0 | 31.7 | 32.4 | 32.9 | 31.4           | 32.1 | 31.8 | 32.5 | 33.0 |
| 8H                                                 | 31.9             | 32.5 | 32.4 | 33.0 | 33.5 | 32.1           | 32.7 | 32.6 | 33.2 | 33.7 |
| 12H                                                | 32.2             | 32.8 | 32.7 | 33.3 | 33.8 | 32.7           | 33.2 | 33.2 | 33.7 | 34.3 |
| X=12H Y=4H                                         | 29.8             | 30.6 | 30.3 | 31.0 | 31.5 | 29.8           | 30.6 | 30.3 | 31.1 | 31.5 |
| 6H                                                 | 31.4             | 32.1 | 31.9 | 32.5 | 33.0 | 31.5           | 32.2 | 32.0 | 32.6 | 33.2 |
| 8H                                                 | 32.1             | 32.7 | 32.6 | 33.2 | 33.7 | 32.4           | 32.9 | 32.9 | 33.4 | 33.9 |
| Variations with the observer position at spacings: |                  |      |      |      |      |                |      |      |      |      |
| S=1.0H                                             | +0.2/-0.2        |      |      |      |      | +0.3/-0.3      |      |      |      |      |
| S=1.5H                                             | +0.4/-0.4        |      |      |      |      | +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  $1054 \ln (8 \log(F/F_0) = 0.2)$ .

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

|  | ZONE           | LUMENS | % LAMP LUMENS |
|--|----------------|--------|---------------|
|  | FORWARD LIGHT  | 515    | 48.9          |
|  | FL ( 0°-30°)   | 107    | 10.2          |
|  | FM (30°-60°)   | 242    | 22.9          |
|  | FH (60°-80°)   | 143    | 13.6          |
|  | FVH (80°-90°)  | 23     | 2.2           |
|  | BACK LIGHT     | 530    | 50.3          |
|  | BL ( 0°-30°)   | 107    | 10.2          |
|  | BM (30°-60°)   | 245    | 23.2          |
|  | BH (60°-80°)   | 149    | 14.1          |
|  | BVH (80°-90°)  | 29     | 2.8           |
|  | UP LIGHT       | 8      | 0.8           |
|  | UL (90°-100°)  | 1      | 0.1           |
|  | UH (100°-180°) | 8      | 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      | 266.0                     | 0.3                | 0.3                    | 0.02                  | 0.02                      |
| 1.0-2.0      | 266.0                     | 0.8                | 1.0                    | 0.07                  | 0.10                      |
| 2.0-3.0      | 265.9                     | 1.3                | 2.3                    | 0.12                  | 0.22                      |
| 3.0-4.0      | 265.7                     | 1.8                | 4.1                    | 0.17                  | 0.39                      |
| 4.0-5.0      | 265.5                     | 2.3                | 6.4                    | 0.22                  | 0.60                      |
| 5.0-6.0      | 265.3                     | 2.8                | 9.1                    | 0.26                  | 0.87                      |
| 6.0-7.0      | 264.9                     | 3.3                | 12.4                   | 0.31                  | 1.18                      |
| 7.0-8.0      | 264.6                     | 3.8                | 16.2                   | 0.36                  | 1.54                      |
| 8.0-9.0      | 264.2                     | 4.3                | 20.5                   | 0.41                  | 1.95                      |
| 9.0-10.0     | 263.7                     | 4.8                | 25.3                   | 0.45                  | 2.40                      |
| 10.0-11.0    | 263.2                     | 5.3                | 30.5                   | 0.50                  | 2.90                      |
| 11.0-12.0    | 262.6                     | 5.7                | 36.3                   | 0.54                  | 3.44                      |
| 12.0-13.0    | 262.0                     | 6.2                | 42.5                   | 0.59                  | 4.03                      |
| 13.0-14.0    | 261.3                     | 6.7                | 49.2                   | 0.63                  | 4.67                      |
| 14.0-15.0    | 260.6                     | 7.2                | 56.3                   | 0.68                  | 5.35                      |
| 15.0-16.0    | 259.8                     | 7.6                | 63.9                   | 0.72                  | 6.07                      |
| 16.0-17.0    | 259.0                     | 8.1                | 72.0                   | 0.77                  | 6.84                      |
| 17.0-18.0    | 258.2                     | 8.5                | 80.5                   | 0.81                  | 7.64                      |
| 18.0-19.0    | 257.3                     | 9.0                | 89.5                   | 0.85                  | 8.49                      |
| 19.0-20.0    | 256.3                     | 9.4                | 98.9                   | 0.89                  | 9.38                      |
| 20.0-21.0    | 255.3                     | 9.8                | 108.7                  | 0.93                  | 10.31                     |
| 21.0-22.0    | 254.3                     | 10.2               | 118.9                  | 0.97                  | 11.28                     |
| 22.0-23.0    | 253.2                     | 10.6               | 129.5                  | 1.01                  | 12.29                     |
| 23.0-24.0    | 252.1                     | 11.0               | 140.5                  | 1.05                  | 13.34                     |
| 24.0-25.0    | 250.9                     | 11.4               | 151.9                  | 1.08                  | 14.42                     |
| 25.0-26.0    | 249.7                     | 11.8               | 163.7                  | 1.12                  | 15.54                     |
| 26.0-27.0    | 248.4                     | 12.2               | 175.9                  | 1.15                  | 16.69                     |
| 27.0-28.0    | 247.1                     | 12.5               | 188.4                  | 1.19                  | 17.88                     |
| 28.0-29.0    | 245.7                     | 12.9               | 201.2                  | 1.22                  | 19.10                     |
| 29.0-30.0    | 244.3                     | 13.2               | 214.4                  | 1.25                  | 20.35                     |
| 30.0-31.0    | 242.8                     | 13.5               | 228.0                  | 1.28                  | 21.64                     |
| 31.0-32.0    | 241.3                     | 13.8               | 241.8                  | 1.31                  | 22.95                     |
| 32.0-33.0    | 239.8                     | 14.1               | 255.9                  | 1.34                  | 24.29                     |
| 33.0-34.0    | 238.2                     | 14.4               | 270.3                  | 1.37                  | 25.66                     |
| 34.0-35.0    | 236.6                     | 14.7               | 285.0                  | 1.39                  | 27.05                     |
| 35.0-36.0    | 234.9                     | 15.0               | 300.0                  | 1.42                  | 28.47                     |

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>[°] | I <sub>mean</sub><br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 36.0-37.0    | 233.3                     | 15.2               | 315.2                  | 1.44                  | 29.92                     |
| 37.0-38.0    | 231.5                     | 15.5               | 330.6                  | 1.47                  | 31.38                     |
| 38.0-39.0    | 229.7                     | 15.7               | 346.3                  | 1.49                  | 32.87                     |
| 39.0-40.0    | 227.8                     | 15.9               | 362.2                  | 1.51                  | 34.38                     |
| 40.0-41.0    | 225.9                     | 16.1               | 378.3                  | 1.53                  | 35.91                     |
| 41.0-42.0    | 224.0                     | 16.3               | 394.6                  | 1.55                  | 37.45                     |
| 42.0-43.0    | 222.0                     | 16.4               | 411.0                  | 1.56                  | 39.01                     |
| 43.0-44.0    | 219.9                     | 16.6               | 427.6                  | 1.58                  | 40.59                     |
| 44.0-45.0    | 217.8                     | 16.7               | 444.4                  | 1.59                  | 42.18                     |
| 45.0-46.0    | 215.6                     | 16.9               | 461.2                  | 1.60                  | 43.78                     |
| 46.0-47.0    | 213.4                     | 17.0               | 478.2                  | 1.61                  | 45.39                     |
| 47.0-48.0    | 211.0                     | 17.1               | 495.3                  | 1.62                  | 47.01                     |
| 48.0-49.0    | 208.6                     | 17.1               | 512.4                  | 1.63                  | 48.63                     |
| 49.0-50.0    | 206.3                     | 17.2               | 529.6                  | 1.63                  | 50.27                     |
| 50.0-51.0    | 203.7                     | 17.2               | 546.8                  | 1.64                  | 51.90                     |
| 51.0-52.0    | 201.1                     | 17.3               | 564.1                  | 1.64                  | 53.54                     |
| 52.0-53.0    | 198.5                     | 17.3               | 581.4                  | 1.64                  | 55.18                     |
| 53.0-54.0    | 195.7                     | 17.3               | 598.6                  | 1.64                  | 56.82                     |
| 54.0-55.0    | 193.0                     | 17.2               | 615.8                  | 1.64                  | 58.45                     |
| 55.0-56.0    | 190.1                     | 17.2               | 633.0                  | 1.63                  | 60.08                     |
| 56.0-57.0    | 187.3                     | 17.1               | 650.2                  | 1.63                  | 61.71                     |
| 57.0-58.0    | 184.4                     | 17.1               | 667.2                  | 1.62                  | 63.33                     |
| 58.0-59.0    | 181.5                     | 17.0               | 684.2                  | 1.61                  | 64.94                     |
| 59.0-60.0    | 178.5                     | 16.9               | 701.0                  | 1.60                  | 66.54                     |
| 60.0-61.0    | 175.5                     | 16.8               | 717.8                  | 1.59                  | 68.13                     |
| 61.0-62.0    | 172.4                     | 16.6               | 734.4                  | 1.58                  | 69.71                     |
| 62.0-63.0    | 169.3                     | 16.5               | 750.9                  | 1.56                  | 71.27                     |
| 63.0-64.0    | 166.2                     | 16.3               | 767.2                  | 1.55                  | 72.82                     |
| 64.0-65.0    | 162.9                     | 16.1               | 783.3                  | 1.53                  | 74.35                     |
| 65.0-66.0    | 159.8                     | 15.9               | 799.3                  | 1.51                  | 75.86                     |
| 66.0-67.0    | 156.5                     | 15.7               | 815.0                  | 1.49                  | 77.36                     |
| 67.0-68.0    | 153.2                     | 15.5               | 830.5                  | 1.47                  | 78.83                     |
| 68.0-69.0    | 149.9                     | 15.3               | 845.8                  | 1.45                  | 80.28                     |
| 69.0-70.0    | 146.5                     | 15.0               | 860.9                  | 1.43                  | 81.71                     |
| 70.0-71.0    | 143.0                     | 14.8               | 875.7                  | 1.40                  | 83.11                     |
| 71.0-72.0    | 139.4                     | 14.5               | 890.2                  | 1.38                  | 84.49                     |

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>[°] | Imean<br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------|--------------------|------------------------|-----------------------|---------------------------|
| 72.0-73.0    | 135.8         | 14.2               | 904.4                  | 1.35                  | 85.84                     |
| 73.0-74.0    | 132.0         | 13.9               | 918.2                  | 1.32                  | 87.15                     |
| 74.0-75.0    | 128.1         | 13.5               | 931.8                  | 1.28                  | 88.44                     |
| 75.0-76.0    | 124.0         | 13.2               | 944.9                  | 1.25                  | 89.69                     |
| 76.0-77.0    | 119.8         | 12.8               | 957.7                  | 1.21                  | 90.90                     |
| 77.0-78.0    | 115.0         | 12.3               | 970.0                  | 1.17                  | 92.07                     |
| 78.0-79.0    | 109.8         | 11.8               | 981.8                  | 1.12                  | 93.19                     |
| 79.0-80.0    | 104.0         | 11.2               | 993.0                  | 1.06                  | 94.25                     |
| 80.0-81.0    | 97.5          | 10.5               | 1003.6                 | 1.00                  | 95.26                     |
| 81.0-82.0    | 90.0          | 9.8                | 1013.4                 | 0.93                  | 96.18                     |
| 82.0-83.0    | 80.9          | 8.8                | 1022.2                 | 0.84                  | 97.02                     |
| 83.0-84.0    | 70.2          | 7.6                | 1029.8                 | 0.73                  | 97.74                     |
| 84.0-85.0    | 57.3          | 6.3                | 1036.1                 | 0.59                  | 98.34                     |
| 85.0-86.0    | 42.1          | 4.6                | 1040.7                 | 0.44                  | 98.77                     |
| 86.0-87.0    | 25.8          | 2.8                | 1043.5                 | 0.27                  | 99.04                     |
| 87.0-88.0    | 12.3          | 1.3                | 1044.8                 | 0.13                  | 99.17                     |
| 88.0-89.0    | 4.1           | 0.5                | 1045.3                 | 0.04                  | 99.21                     |
| 89.0-90.0    | 1.1           | 0.1                | 1045.4                 | 0.01                  | 99.22                     |
| 90.0-91.0    | 0.6           | 0.1                | 1045.5                 | 0.01                  | 99.23                     |
| 91.0-92.0    | 0.5           | 0.1                | 1045.5                 | 0.01                  | 99.24                     |
| 92.0-93.0    | 0.6           | 0.1                | 1045.6                 | 0.01                  | 99.24                     |
| 93.0-94.0    | 0.6           | 0.1                | 1045.6                 | 0.01                  | 99.25                     |
| 94.0-95.0    | 0.6           | 0.1                | 1045.7                 | 0.01                  | 99.25                     |
| 95.0-96.0    | 0.6           | 0.1                | 1045.8                 | 0.01                  | 99.26                     |
| 96.0-97.0    | 0.6           | 0.1                | 1045.8                 | 0.01                  | 99.27                     |
| 97.0-98.0    | 0.6           | 0.1                | 1045.9                 | 0.01                  | 99.27                     |
| 98.0-99.0    | 0.7           | 0.1                | 1046.0                 | 0.01                  | 99.28                     |
| 99.0-100.0   | 0.7           | 0.1                | 1046.1                 | 0.01                  | 99.29                     |
| 100.0-101.0  | 0.7           | 0.1                | 1046.1                 | 0.01                  | 99.29                     |
| 101.0-102.0  | 0.8           | 0.1                | 1046.2                 | 0.01                  | 99.30                     |
| 102.0-103.0  | 0.8           | 0.1                | 1046.3                 | 0.01                  | 99.31                     |
| 103.0-104.0  | 0.8           | 0.1                | 1046.4                 | 0.01                  | 99.32                     |
| 104.0-105.0  | 0.8           | 0.1                | 1046.5                 | 0.01                  | 99.33                     |
| 105.0-106.0  | 0.9           | 0.1                | 1046.6                 | 0.01                  | 99.33                     |
| 106.0-107.0  | 0.9           | 0.1                | 1046.7                 | 0.01                  | 99.34                     |
| 107.0-108.0  | 0.9           | 0.1                | 1046.8                 | 0.01                  | 99.35                     |

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>[°] | Imean<br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------|--------------------|------------------------|-----------------------|---------------------------|
| 108.0-109.0  | 1.0           | 0.1                | 1046.9                 | 0.01                  | 99.36                     |
| 109.0-110.0  | 1.0           | 0.1                | 1047.0                 | 0.01                  | 99.37                     |
| 110.0-111.0  | 1.0           | 0.1                | 1047.1                 | 0.01                  | 99.38                     |
| 111.0-112.0  | 1.1           | 0.1                | 1047.2                 | 0.01                  | 99.39                     |
| 112.0-113.0  | 1.1           | 0.1                | 1047.3                 | 0.01                  | 99.40                     |
| 113.0-114.0  | 1.2           | 0.1                | 1047.4                 | 0.01                  | 99.41                     |
| 114.0-115.0  | 1.2           | 0.1                | 1047.5                 | 0.01                  | 99.43                     |
| 115.0-116.0  | 1.2           | 0.1                | 1047.6                 | 0.01                  | 99.44                     |
| 116.0-117.0  | 1.2           | 0.1                | 1047.8                 | 0.01                  | 99.45                     |
| 117.0-118.0  | 1.3           | 0.1                | 1047.9                 | 0.01                  | 99.46                     |
| 118.0-119.0  | 1.3           | 0.1                | 1048.0                 | 0.01                  | 99.47                     |
| 119.0-120.0  | 1.3           | 0.1                | 1048.1                 | 0.01                  | 99.48                     |
| 120.0-121.0  | 1.3           | 0.1                | 1048.3                 | 0.01                  | 99.50                     |
| 121.0-122.0  | 1.4           | 0.1                | 1048.4                 | 0.01                  | 99.51                     |
| 122.0-123.0  | 1.4           | 0.1                | 1048.5                 | 0.01                  | 99.52                     |
| 123.0-124.0  | 1.4           | 0.1                | 1048.6                 | 0.01                  | 99.53                     |
| 124.0-125.0  | 1.5           | 0.1                | 1048.8                 | 0.01                  | 99.54                     |
| 125.0-126.0  | 1.5           | 0.1                | 1048.9                 | 0.01                  | 99.56                     |
| 126.0-127.0  | 1.5           | 0.1                | 1049.0                 | 0.01                  | 99.57                     |
| 127.0-128.0  | 1.5           | 0.1                | 1049.2                 | 0.01                  | 99.58                     |
| 128.0-129.0  | 1.5           | 0.1                | 1049.3                 | 0.01                  | 99.60                     |
| 129.0-130.0  | 1.6           | 0.1                | 1049.4                 | 0.01                  | 99.61                     |
| 130.0-131.0  | 1.6           | 0.1                | 1049.6                 | 0.01                  | 99.62                     |
| 131.0-132.0  | 1.6           | 0.1                | 1049.7                 | 0.01                  | 99.63                     |
| 132.0-133.0  | 1.6           | 0.1                | 1049.8                 | 0.01                  | 99.64                     |
| 133.0-134.0  | 1.6           | 0.1                | 1050.0                 | 0.01                  | 99.66                     |
| 134.0-135.0  | 1.6           | 0.1                | 1050.1                 | 0.01                  | 99.67                     |
| 135.0-136.0  | 1.7           | 0.1                | 1050.2                 | 0.01                  | 99.68                     |
| 136.0-137.0  | 1.7           | 0.1                | 1050.3                 | 0.01                  | 99.69                     |
| 137.0-138.0  | 1.7           | 0.1                | 1050.5                 | 0.01                  | 99.71                     |
| 138.0-139.0  | 1.7           | 0.1                | 1050.6                 | 0.01                  | 99.72                     |
| 139.0-140.0  | 1.7           | 0.1                | 1050.7                 | 0.01                  | 99.73                     |
| 140.0-141.0  | 1.8           | 0.1                | 1050.8                 | 0.01                  | 99.74                     |
| 141.0-142.0  | 1.8           | 0.1                | 1051.0                 | 0.01                  | 99.75                     |
| 142.0-143.0  | 1.8           | 0.1                | 1051.1                 | 0.01                  | 99.76                     |
| 143.0-144.0  | 1.8           | 0.1                | 1051.2                 | 0.01                  | 99.77                     |

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  | 1.8           | 0.1                | 1051.3                 | 0.01                  | 99.79                     |
| 145.0-146.0  | 1.8           | 0.1                | 1051.4                 | 0.01                  | 99.80                     |
| 146.0-147.0  | 1.9           | 0.1                | 1051.5                 | 0.01                  | 99.81                     |
| 147.0-148.0  | 1.9           | 0.1                | 1051.7                 | 0.01                  | 99.82                     |
| 148.0-149.0  | 1.9           | 0.1                | 1051.8                 | 0.01                  | 99.83                     |
| 149.0-150.0  | 1.9           | 0.1                | 1051.9                 | 0.01                  | 99.84                     |
| 150.0-151.0  | 1.9           | 0.1                | 1052.0                 | 0.01                  | 99.85                     |
| 151.0-152.0  | 1.9           | 0.1                | 1052.1                 | 0.01                  | 99.86                     |
| 152.0-153.0  | 1.9           | 0.1                | 1052.2                 | 0.01                  | 99.87                     |
| 153.0-154.0  | 2.0           | 0.1                | 1052.3                 | 0.01                  | 99.88                     |
| 154.0-155.0  | 2.0           | 0.1                | 1052.4                 | 0.01                  | 99.88                     |
| 155.0-156.0  | 2.0           | 0.1                | 1052.4                 | 0.01                  | 99.89                     |
| 156.0-157.0  | 2.0           | 0.1                | 1052.5                 | 0.01                  | 99.90                     |
| 157.0-158.0  | 2.0           | 0.1                | 1052.6                 | 0.01                  | 99.91                     |
| 158.0-159.0  | 2.0           | 0.1                | 1052.7                 | 0.01                  | 99.92                     |
| 159.0-160.0  | 2.0           | 0.1                | 1052.8                 | 0.01                  | 99.92                     |
| 160.0-161.0  | 2.0           | 0.1                | 1052.9                 | 0.01                  | 99.93                     |
| 161.0-162.0  | 2.0           | 0.1                | 1052.9                 | 0.01                  | 99.94                     |
| 162.0-163.0  | 2.1           | 0.1                | 1053.0                 | 0.01                  | 99.94                     |
| 163.0-164.0  | 2.1           | 0.1                | 1053.1                 | 0.01                  | 99.95                     |
| 164.0-165.0  | 2.1           | 0.1                | 1053.1                 | 0.01                  | 99.96                     |
| 165.0-166.0  | 2.1           | 0.1                | 1053.2                 | 0.01                  | 99.96                     |
| 166.0-167.0  | 2.1           | 0.1                | 1053.2                 | 0.01                  | 99.97                     |
| 167.0-168.0  | 2.1           | 0.1                | 1053.3                 | 0.00                  | 99.97                     |
| 168.0-169.0  | 2.1           | 0.0                | 1053.3                 | 0.00                  | 99.98                     |
| 169.0-170.0  | 2.1           | 0.0                | 1053.4                 | 0.00                  | 99.98                     |
| 170.0-171.0  | 2.1           | 0.0                | 1053.4                 | 0.00                  | 99.98                     |
| 171.0-172.0  | 2.1           | 0.0                | 1053.4                 | 0.00                  | 99.99                     |
| 172.0-173.0  | 2.1           | 0.0                | 1053.5                 | 0.00                  | 99.99                     |
| 173.0-174.0  | 2.2           | 0.0                | 1053.5                 | 0.00                  | 99.99                     |
| 174.0-175.0  | 2.2           | 0.0                | 1053.5                 | 0.00                  | 100.00                    |
| 175.0-176.0  | 2.2           | 0.0                | 1053.5                 | 0.00                  | 100.00                    |
| 176.0-177.0  | 2.2           | 0.0                | 1053.6                 | 0.00                  | 100.00                    |
| 177.0-178.0  | 2.2           | 0.0                | 1053.6                 | 0.00                  | 100.00                    |
| 178.0-179.0  | 2.2           | 0.0                | 1053.6                 | 0.00                  | 100.00                    |
| 179.0-180.0  | 2.2           | 0.0                | 1053.6                 | 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°): 444.37 lm

%lum = 42.2%

%lamp = 42.2%

cone flux(120°): 701.05 lm

%lum = 66.5%

%lamp = 66.5%

## Candlepower Table

Unit: cd

| G\C   | C0.0  | C90.0 | C180.0 | C270.0 | C360.0 |  |  |  |  |  |
|-------|-------|-------|--------|--------|--------|--|--|--|--|--|
| G0.0  | 266.2 | 265.9 | 266.2  | 265.9  | 266.2  |  |  |  |  |  |
| G1.0  | 266.1 | 266.0 | 266.2  | 265.9  | 266.1  |  |  |  |  |  |
| G2.0  | 266.0 | 266.0 | 266.1  | 265.8  | 266.0  |  |  |  |  |  |
| G3.0  | 265.7 | 265.9 | 266.1  | 265.6  | 265.7  |  |  |  |  |  |
| G4.0  | 265.5 | 265.7 | 265.9  | 265.4  | 265.5  |  |  |  |  |  |
| G5.0  | 265.3 | 265.5 | 265.8  | 265.2  | 265.3  |  |  |  |  |  |
| G6.0  | 264.9 | 265.3 | 265.6  | 264.8  | 264.9  |  |  |  |  |  |
| G7.0  | 264.5 | 264.9 | 265.4  | 264.3  | 264.5  |  |  |  |  |  |
| G8.0  | 264.1 | 264.7 | 265.0  | 263.9  | 264.1  |  |  |  |  |  |
| G9.0  | 263.5 | 264.2 | 264.7  | 263.4  | 263.5  |  |  |  |  |  |
| G10.0 | 262.9 | 263.8 | 264.2  | 263.0  | 262.9  |  |  |  |  |  |
| G11.0 | 262.4 | 263.2 | 263.7  | 262.2  | 262.4  |  |  |  |  |  |
| G12.0 | 261.8 | 262.6 | 263.2  | 261.7  | 261.8  |  |  |  |  |  |
| G13.0 | 261.1 | 262.1 | 262.6  | 260.9  | 261.1  |  |  |  |  |  |
| G14.0 | 260.3 | 261.4 | 262.0  | 260.2  | 260.3  |  |  |  |  |  |
| G15.0 | 259.5 | 260.6 | 261.3  | 259.4  | 259.5  |  |  |  |  |  |
| G16.0 | 258.8 | 259.9 | 260.6  | 258.5  | 258.8  |  |  |  |  |  |
| G17.0 | 257.8 | 259.0 | 259.8  | 257.6  | 257.8  |  |  |  |  |  |
| G18.0 | 257.0 | 258.2 | 259.1  | 256.7  | 257.0  |  |  |  |  |  |
| G19.0 | 256.0 | 257.2 | 258.1  | 255.7  | 256.0  |  |  |  |  |  |
| G20.0 | 255.0 | 256.4 | 257.3  | 254.7  | 255.0  |  |  |  |  |  |
| G21.0 | 254.0 | 255.4 | 256.2  | 253.6  | 254.0  |  |  |  |  |  |
| G22.0 | 252.8 | 254.3 | 255.3  | 252.4  | 252.8  |  |  |  |  |  |
| G23.0 | 251.7 | 253.2 | 254.3  | 251.4  | 251.7  |  |  |  |  |  |
| G24.0 | 250.6 | 252.1 | 253.1  | 250.0  | 250.6  |  |  |  |  |  |
| G25.0 | 249.3 | 250.9 | 252.0  | 248.9  | 249.3  |  |  |  |  |  |
| G26.0 | 248.1 | 249.7 | 250.9  | 247.6  | 248.1  |  |  |  |  |  |
| G27.0 | 246.6 | 248.4 | 249.6  | 246.1  | 246.6  |  |  |  |  |  |
| G28.0 | 245.3 | 247.1 | 248.4  | 244.8  | 245.3  |  |  |  |  |  |
| G29.0 | 243.9 | 245.8 | 247.0  | 243.3  | 243.9  |  |  |  |  |  |
| G30.0 | 242.3 | 244.2 | 245.6  | 241.9  | 242.3  |  |  |  |  |  |
| G31.0 | 240.9 | 242.9 | 244.3  | 240.3  | 240.9  |  |  |  |  |  |
| G32.0 | 239.4 | 241.4 | 242.8  | 238.6  | 239.4  |  |  |  |  |  |
| G33.0 | 237.8 | 239.7 | 241.4  | 237.1  | 237.8  |  |  |  |  |  |
| G34.0 | 236.2 | 238.2 | 239.9  | 235.5  | 236.2  |  |  |  |  |  |
| G35.0 | 234.4 | 236.5 | 238.4  | 233.6  | 234.4  |  |  |  |  |  |
| G36.0 | 232.9 | 234.9 | 236.8  | 232.0  | 232.9  |  |  |  |  |  |

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 | 231.0 | 233.2 | 235.0  | 230.1  | 231.0  |  |  |  |  |  |
| G38.0 | 229.2 | 231.3 | 233.6  | 228.4  | 229.2  |  |  |  |  |  |
| G39.0 | 227.4 | 229.6 | 231.7  | 226.5  | 227.4  |  |  |  |  |  |
| G40.0 | 225.4 | 227.6 | 229.9  | 224.4  | 225.4  |  |  |  |  |  |
| G41.0 | 223.5 | 225.7 | 228.2  | 222.5  | 223.5  |  |  |  |  |  |
| G42.0 | 221.6 | 223.9 | 226.3  | 220.6  | 221.6  |  |  |  |  |  |
| G43.0 | 219.4 | 221.6 | 224.4  | 218.3  | 219.4  |  |  |  |  |  |
| G44.0 | 217.3 | 219.7 | 222.4  | 216.3  | 217.3  |  |  |  |  |  |
| G45.0 | 215.3 | 217.5 | 220.3  | 213.9  | 215.3  |  |  |  |  |  |
| G46.0 | 212.8 | 215.2 | 218.2  | 211.6  | 212.8  |  |  |  |  |  |
| G47.0 | 210.6 | 213.0 | 216.2  | 209.4  | 210.6  |  |  |  |  |  |
| G48.0 | 208.0 | 210.6 | 213.7  | 206.7  | 208.0  |  |  |  |  |  |
| G49.0 | 205.6 | 208.2 | 211.5  | 204.5  | 205.6  |  |  |  |  |  |
| G50.0 | 203.2 | 205.8 | 209.2  | 202.0  | 203.2  |  |  |  |  |  |
| G51.0 | 200.4 | 203.1 | 206.6  | 199.2  | 200.4  |  |  |  |  |  |
| G52.0 | 198.0 | 200.7 | 204.1  | 196.6  | 198.0  |  |  |  |  |  |
| G53.0 | 195.4 | 198.0 | 201.3  | 193.6  | 195.4  |  |  |  |  |  |
| G54.0 | 192.4 | 195.3 | 198.8  | 190.9  | 192.4  |  |  |  |  |  |
| G55.0 | 189.7 | 192.5 | 196.2  | 188.3  | 189.7  |  |  |  |  |  |
| G56.0 | 186.8 | 189.5 | 193.2  | 185.1  | 186.8  |  |  |  |  |  |
| G57.0 | 183.9 | 186.8 | 190.6  | 182.4  | 183.9  |  |  |  |  |  |
| G58.0 | 181.1 | 184.0 | 187.5  | 179.3  | 181.1  |  |  |  |  |  |
| G59.0 | 177.9 | 180.8 | 184.8  | 176.3  | 177.9  |  |  |  |  |  |
| G60.0 | 175.0 | 178.0 | 181.8  | 173.3  | 175.0  |  |  |  |  |  |
| G61.0 | 172.0 | 175.0 | 178.7  | 170.2  | 172.0  |  |  |  |  |  |
| G62.0 | 168.7 | 171.7 | 175.9  | 167.0  | 168.7  |  |  |  |  |  |
| G63.0 | 165.7 | 168.7 | 173.0  | 164.0  | 165.7  |  |  |  |  |  |
| G64.0 | 162.4 | 165.3 | 169.7  | 160.6  | 162.4  |  |  |  |  |  |
| G65.0 | 159.1 | 162.3 | 166.7  | 157.4  | 159.1  |  |  |  |  |  |
| G66.0 | 156.0 | 159.3 | 163.4  | 153.9  | 156.0  |  |  |  |  |  |
| G67.0 | 152.6 | 155.7 | 160.4  | 150.8  | 152.6  |  |  |  |  |  |
| G68.0 | 149.2 | 152.5 | 157.3  | 147.6  | 149.2  |  |  |  |  |  |
| G69.0 | 145.9 | 149.2 | 153.8  | 144.1  | 145.9  |  |  |  |  |  |
| G70.0 | 142.2 | 145.6 | 150.7  | 140.6  | 142.2  |  |  |  |  |  |
| G71.0 | 138.6 | 142.0 | 147.4  | 137.2  | 138.6  |  |  |  |  |  |
| G72.0 | 134.6 | 138.3 | 143.9  | 133.5  | 134.6  |  |  |  |  |  |
| G73.0 | 130.8 | 134.6 | 140.5  | 129.9  | 130.8  |  |  |  |  |  |

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 2)

Unit: cd

| G\C    | C0.0  | C90.0 | C180.0 | C270.0 | C360.0 |  |  |  |  |  |
|--------|-------|-------|--------|--------|--------|--|--|--|--|--|
| G74.0  | 126.6 | 130.8 | 136.9  | 126.2  | 126.6  |  |  |  |  |  |
| G75.0  | 122.0 | 126.7 | 133.3  | 122.4  | 122.0  |  |  |  |  |  |
| G76.0  | 117.4 | 122.2 | 129.8  | 118.6  | 117.4  |  |  |  |  |  |
| G77.0  | 112.5 | 117.9 | 125.5  | 114.2  | 112.5  |  |  |  |  |  |
| G78.0  | 106.7 | 112.4 | 121.1  | 109.7  | 106.7  |  |  |  |  |  |
| G79.0  | 100.3 | 107.0 | 116.4  | 105.1  | 100.3  |  |  |  |  |  |
| G80.0  | 92.8  | 100.6 | 110.7  | 99.4   | 92.8   |  |  |  |  |  |
| G81.0  | 84.4  | 93.2  | 104.9  | 93.9   | 84.4   |  |  |  |  |  |
| G82.0  | 73.9  | 85.1  | 97.6   | 86.9   | 73.9   |  |  |  |  |  |
| G83.0  | 60.8  | 73.8  | 89.6   | 79.7   | 60.8   |  |  |  |  |  |
| G84.0  | 46.3  | 60.1  | 80.2   | 70.9   | 46.3   |  |  |  |  |  |
| G85.0  | 33.3  | 42.8  | 67.1   | 57.8   | 33.3   |  |  |  |  |  |
| G86.0  | 18.7  | 21.2  | 52.3   | 43.5   | 18.7   |  |  |  |  |  |
| G87.0  | 3.7   | 3.2   | 37.0   | 27.2   | 3.7    |  |  |  |  |  |
| G88.0  | 1.2   | 0.9   | 19.9   | 5.1    | 1.2    |  |  |  |  |  |
| G89.0  | 0.7   | 0.6   | 3.5    | 1.2    | 0.7    |  |  |  |  |  |
| G90.0  | 0.6   | 0.6   | 1.3    | 0.5    | 0.6    |  |  |  |  |  |
| G91.0  | 0.6   | 0.6   | 0.6    | 0.4    | 0.6    |  |  |  |  |  |
| G92.0  | 0.6   | 0.6   | 0.6    | 0.5    | 0.6    |  |  |  |  |  |
| G93.0  | 0.7   | 0.6   | 0.6    | 0.5    | 0.7    |  |  |  |  |  |
| G94.0  | 0.6   | 0.6   | 0.4    | 0.5    | 0.6    |  |  |  |  |  |
| G95.0  | 0.7   | 0.6   | 0.5    | 0.5    | 0.7    |  |  |  |  |  |
| G96.0  | 0.7   | 0.6   | 0.5    | 0.5    | 0.7    |  |  |  |  |  |
| G97.0  | 0.8   | 0.7   | 0.5    | 0.6    | 0.8    |  |  |  |  |  |
| G98.0  | 0.7   | 0.7   | 0.6    | 0.6    | 0.7    |  |  |  |  |  |
| G99.0  | 0.8   | 0.7   | 0.6    | 0.6    | 0.8    |  |  |  |  |  |
| G100.0 | 0.8   | 0.8   | 0.6    | 0.6    | 0.8    |  |  |  |  |  |
| G101.0 | 0.9   | 0.8   | 0.6    | 0.7    | 0.9    |  |  |  |  |  |
| G102.0 | 0.9   | 0.8   | 0.6    | 0.7    | 0.9    |  |  |  |  |  |
| G103.0 | 0.9   | 0.8   | 0.6    | 0.8    | 0.9    |  |  |  |  |  |
| G104.0 | 0.9   | 0.9   | 0.7    | 0.7    | 0.9    |  |  |  |  |  |
| G105.0 | 1.0   | 0.9   | 0.8    | 0.8    | 1.0    |  |  |  |  |  |
| G106.0 | 1.0   | 0.9   | 0.8    | 0.8    | 1.0    |  |  |  |  |  |
| G107.0 | 1.1   | 1.0   | 0.9    | 0.9    | 1.1    |  |  |  |  |  |
| G108.0 | 1.1   | 1.0   | 0.8    | 0.9    | 1.1    |  |  |  |  |  |
| G109.0 | 1.1   | 1.0   | 0.9    | 0.9    | 1.1    |  |  |  |  |  |
| G110.0 | 1.1   | 1.1   | 0.9    | 0.9    | 1.1    |  |  |  |  |  |

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 | 1.2  | 1.1   | 0.9    | 1.0    | 1.2    |  |  |  |  |  |
| G112.0 | 1.2  | 1.1   | 1.0    | 1.0    | 1.2    |  |  |  |  |  |
| G113.0 | 1.3  | 1.2   | 1.0    | 1.1    | 1.3    |  |  |  |  |  |
| G114.0 | 1.3  | 1.2   | 1.1    | 1.1    | 1.3    |  |  |  |  |  |
| G115.0 | 1.3  | 1.3   | 1.0    | 1.1    | 1.3    |  |  |  |  |  |
| G116.0 | 1.3  | 1.2   | 1.1    | 1.2    | 1.3    |  |  |  |  |  |
| G117.0 | 1.3  | 1.3   | 1.2    | 1.2    | 1.3    |  |  |  |  |  |
| G118.0 | 1.4  | 1.3   | 1.2    | 1.2    | 1.4    |  |  |  |  |  |
| G119.0 | 1.4  | 1.3   | 1.2    | 1.3    | 1.4    |  |  |  |  |  |
| G120.0 | 1.4  | 1.4   | 1.2    | 1.3    | 1.4    |  |  |  |  |  |
| G121.0 | 1.4  | 1.4   | 1.3    | 1.3    | 1.4    |  |  |  |  |  |
| G122.0 | 1.4  | 1.4   | 1.3    | 1.3    | 1.4    |  |  |  |  |  |
| G123.0 | 1.5  | 1.4   | 1.4    | 1.4    | 1.5    |  |  |  |  |  |
| G124.0 | 1.5  | 1.5   | 1.4    | 1.4    | 1.5    |  |  |  |  |  |
| G125.0 | 1.5  | 1.5   | 1.4    | 1.4    | 1.5    |  |  |  |  |  |
| G126.0 | 1.6  | 1.5   | 1.4    | 1.5    | 1.6    |  |  |  |  |  |
| G127.0 | 1.6  | 1.6   | 1.5    | 1.5    | 1.6    |  |  |  |  |  |
| G128.0 | 1.7  | 1.5   | 1.5    | 1.5    | 1.7    |  |  |  |  |  |
| G129.0 | 1.7  | 1.6   | 1.5    | 1.5    | 1.7    |  |  |  |  |  |
| G130.0 | 1.7  | 1.6   | 1.4    | 1.5    | 1.7    |  |  |  |  |  |
| G131.0 | 1.7  | 1.6   | 1.5    | 1.5    | 1.7    |  |  |  |  |  |
| G132.0 | 1.7  | 1.6   | 1.5    | 1.5    | 1.7    |  |  |  |  |  |
| G133.0 | 1.7  | 1.7   | 1.5    | 1.6    | 1.7    |  |  |  |  |  |
| G134.0 | 1.7  | 1.7   | 1.5    | 1.6    | 1.7    |  |  |  |  |  |
| G135.0 | 1.7  | 1.7   | 1.6    | 1.6    | 1.7    |  |  |  |  |  |
| G136.0 | 1.8  | 1.7   | 1.6    | 1.6    | 1.8    |  |  |  |  |  |
| G137.0 | 1.8  | 1.7   | 1.6    | 1.6    | 1.8    |  |  |  |  |  |
| G138.0 | 1.8  | 1.8   | 1.6    | 1.6    | 1.8    |  |  |  |  |  |
| G139.0 | 1.8  | 1.8   | 1.7    | 1.7    | 1.8    |  |  |  |  |  |
| G140.0 | 1.8  | 1.8   | 1.7    | 1.6    | 1.8    |  |  |  |  |  |
| G141.0 | 1.8  | 1.9   | 1.7    | 1.7    | 1.8    |  |  |  |  |  |
| G142.0 | 1.9  | 1.8   | 1.6    | 1.7    | 1.9    |  |  |  |  |  |
| G143.0 | 1.8  | 1.8   | 1.7    | 1.7    | 1.8    |  |  |  |  |  |
| G144.0 | 1.9  | 1.8   | 1.7    | 1.7    | 1.9    |  |  |  |  |  |
| G145.0 | 1.9  | 1.9   | 1.8    | 1.8    | 1.9    |  |  |  |  |  |
| G146.0 | 1.9  | 1.9   | 1.8    | 1.8    | 1.9    |  |  |  |  |  |
| G147.0 | 1.9  | 1.9   | 1.8    | 1.8    | 1.9    |  |  |  |  |  |

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 | 2.0  | 1.9   | 1.9    | 1.9    | 2.0    |  |  |  |  |  |
| G149.0 | 2.0  | 1.9   | 1.8    | 1.9    | 2.0    |  |  |  |  |  |
| G150.0 | 1.9  | 1.9   | 1.9    | 1.9    | 1.9    |  |  |  |  |  |
| G151.0 | 2.0  | 2.0   | 1.9    | 1.9    | 2.0    |  |  |  |  |  |
| G152.0 | 2.0  | 2.0   | 1.9    | 2.0    | 2.0    |  |  |  |  |  |
| G153.0 | 2.0  | 2.0   | 1.9    | 1.9    | 2.0    |  |  |  |  |  |
| G154.0 | 2.0  | 2.0   | 2.0    | 2.0    | 2.0    |  |  |  |  |  |
| G155.0 | 2.0  | 2.0   | 2.0    | 1.9    | 2.0    |  |  |  |  |  |
| G156.0 | 2.0  | 2.0   | 2.0    | 2.0    | 2.0    |  |  |  |  |  |
| G157.0 | 2.0  | 2.0   | 1.9    | 2.0    | 2.0    |  |  |  |  |  |
| G158.0 | 2.0  | 2.0   | 2.0    | 2.0    | 2.0    |  |  |  |  |  |
| G159.0 | 2.1  | 2.0   | 2.0    | 2.0    | 2.1    |  |  |  |  |  |
| G160.0 | 2.1  | 2.0   | 2.0    | 2.0    | 2.1    |  |  |  |  |  |
| G161.0 | 2.1  | 2.0   | 2.0    | 2.1    | 2.1    |  |  |  |  |  |
| G162.0 | 2.0  | 2.0   | 2.1    | 2.0    | 2.0    |  |  |  |  |  |
| G163.0 | 2.1  | 2.1   | 2.1    | 2.1    | 2.1    |  |  |  |  |  |
| G164.0 | 2.1  | 2.1   | 2.0    | 2.1    | 2.1    |  |  |  |  |  |
| G165.0 | 2.1  | 2.1   | 2.1    | 2.1    | 2.1    |  |  |  |  |  |
| G166.0 | 2.1  | 2.1   | 2.1    | 2.1    | 2.1    |  |  |  |  |  |
| G167.0 | 2.1  | 2.1   | 2.1    | 2.2    | 2.1    |  |  |  |  |  |
| G168.0 | 2.1  | 2.1   | 2.1    | 2.1    | 2.1    |  |  |  |  |  |
| G169.0 | 2.1  | 2.1   | 2.1    | 2.1    | 2.1    |  |  |  |  |  |
| G170.0 | 2.2  | 2.1   | 2.1    | 2.1    | 2.2    |  |  |  |  |  |
| G171.0 | 2.2  | 2.1   | 2.2    | 2.2    | 2.2    |  |  |  |  |  |
| G172.0 | 2.1  | 2.1   | 2.2    | 2.2    | 2.1    |  |  |  |  |  |
| G173.0 | 2.2  | 2.1   | 2.1    | 2.2    | 2.2    |  |  |  |  |  |
| G174.0 | 2.2  | 2.2   | 2.2    | 2.2    | 2.2    |  |  |  |  |  |
| G175.0 | 2.2  | 2.1   | 2.2    | 2.2    | 2.2    |  |  |  |  |  |
| G176.0 | 2.2  | 2.1   | 2.2    | 2.2    | 2.2    |  |  |  |  |  |
| G177.0 | 2.2  | 2.2   | 2.2    | 2.1    | 2.2    |  |  |  |  |  |
| G178.0 | 2.2  | 2.2   | 2.2    | 2.2    | 2.2    |  |  |  |  |  |
| G179.0 | 2.2  | 2.1   | 2.2    | 2.2    | 2.2    |  |  |  |  |  |
| G180.0 | 2.2  | 2.2   | 2.2    | 2.2    | 2.2    |  |  |  |  |  |
|        |      |       |        |        |        |  |  |  |  |  |
|        |      |       |        |        |        |  |  |  |  |  |
|        |      |       |        |        |        |  |  |  |  |  |
|        |      |       |        |        |        |  |  |  |  |  |

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  | 30911.15          |
| L 0-180(75) av  | 39558.94          |
| L 0-180(85) av  | 46206.88          |
| L 90-270(65) av | 30332.36          |
| L 90-270(75) av | 38581.32          |
| L 90-270(85) av | 46262.09          |
| L 45(65) av     | 30621.76          |
| L 45(75) av     | 39070.13          |
| L 45(85) av     | 46234.49          |

Standard: GB/T 29293-2012