

Report No.: TH-5117A

Test Time: 2024/11/14 17:17

Luminaire Property

Luminaire Manufacturer: NORDECOR
Luminaire Category: 4287
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.322 A
Power Factor: 0.481

Luminaire Description: 36W 1.2米支架灯
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 220.4 V
Power: 34.20 W

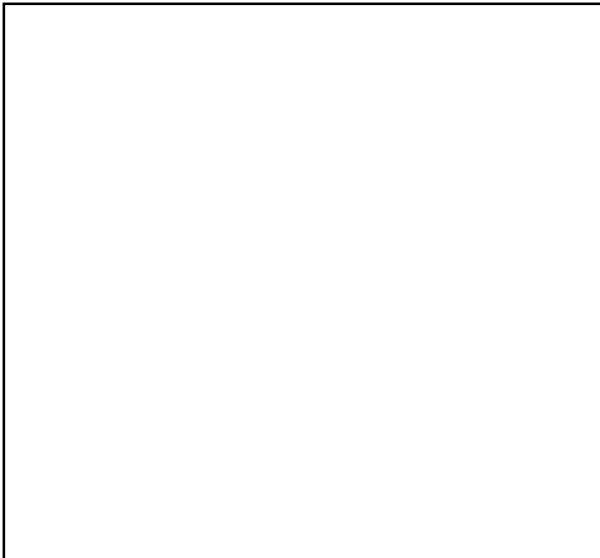
Photometric Results

CIE Class: Semi-Direct
Measurement Flux: 3587 lm
Downward Ratio: 88%
Horizontal Diffuse Angle(50%): H113.9
Vertical Diffuse Angle(50%): V142.4
Luminaire Efficacy Rating (LER): 104.93
Max. Intensity: 910.1 cd
S/MH(C0/C180): 1.27

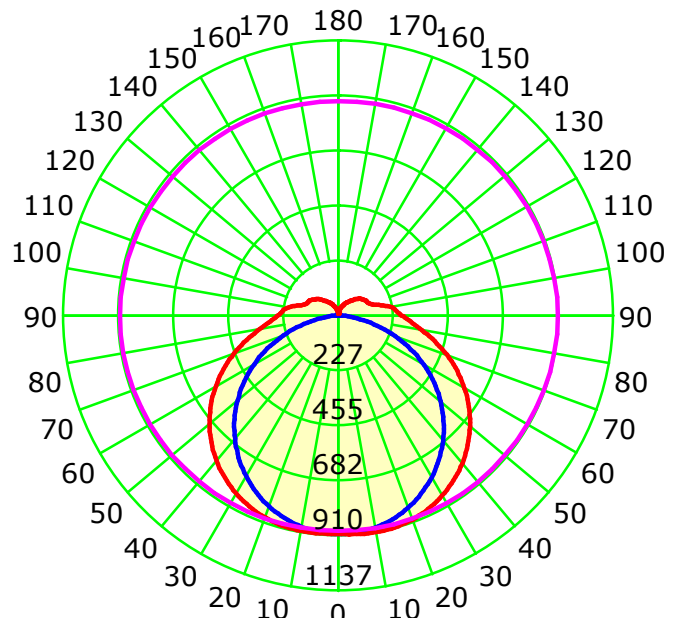
Total Rated Lamp Lumens: 3587.0 lm
Efficiency: 100%
Upward Ratio: 12%

C0r0 Intensity: 903.91 cd
Pos of Max. Intensity: H90 V10
S/MH(C90/C270): 1.41

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

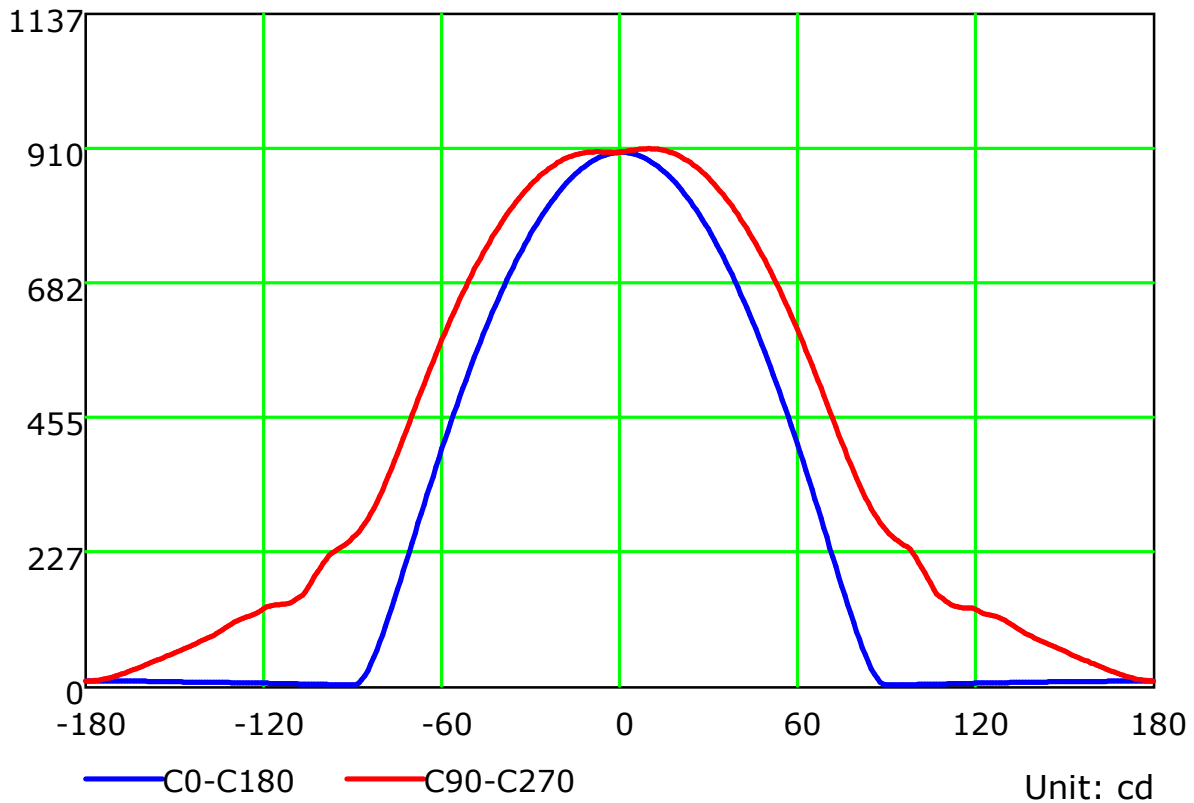
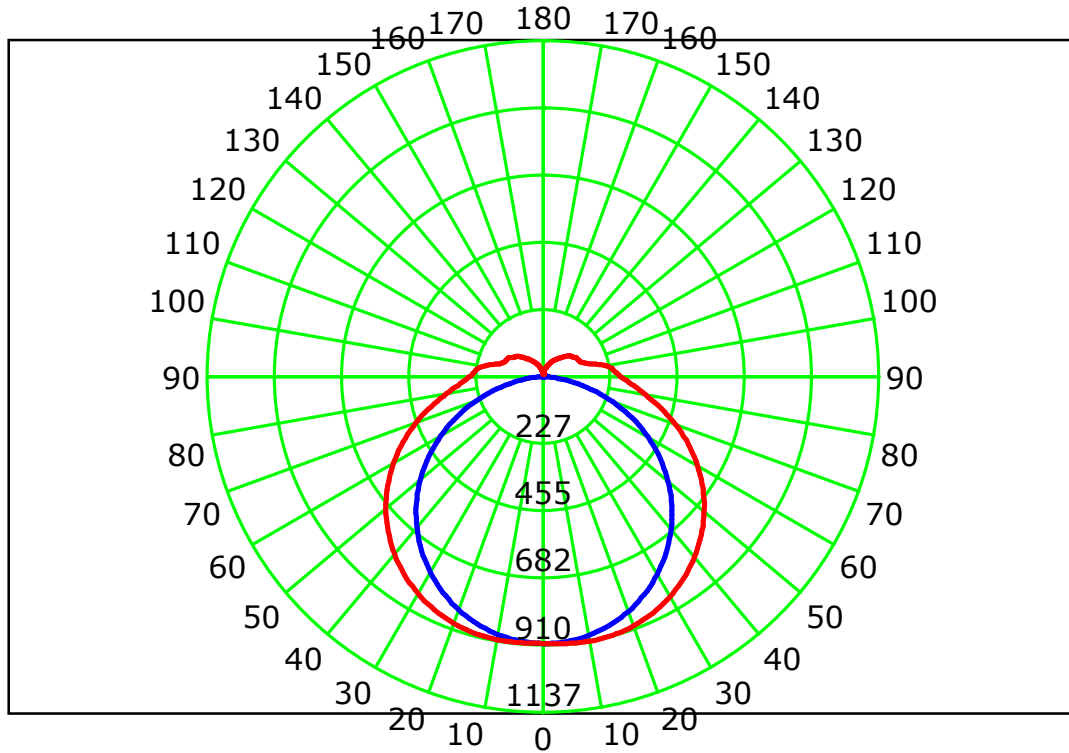
Average Diffuse Angle(50%): 128.0°

— C0-C180 — C90-C270 — G10

C Plane (°):0.0-360.0: 90.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.684 m [K=1.0000]
Humidity: 65
Inspector:

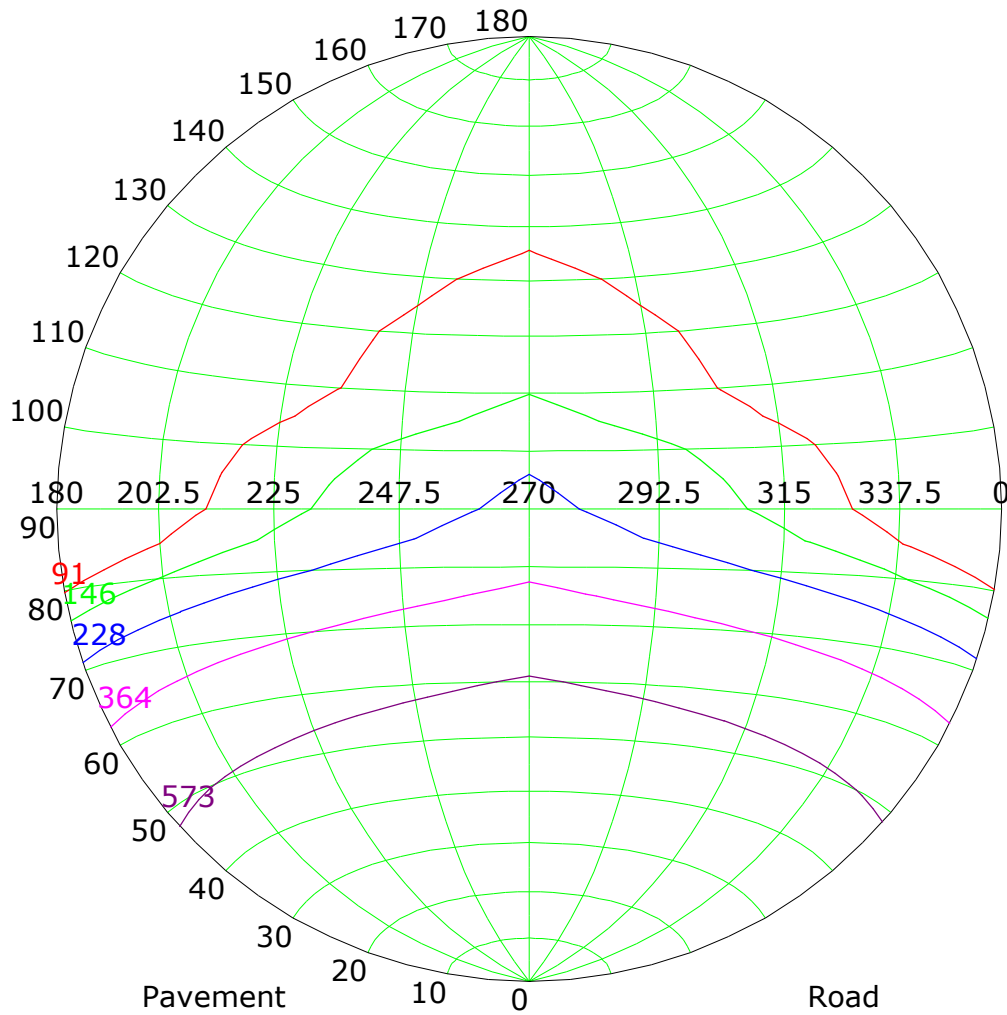
Luminous Intensity Distribution Curve



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 Humidity: 65
 Inspector:

Isocandela (sphere)



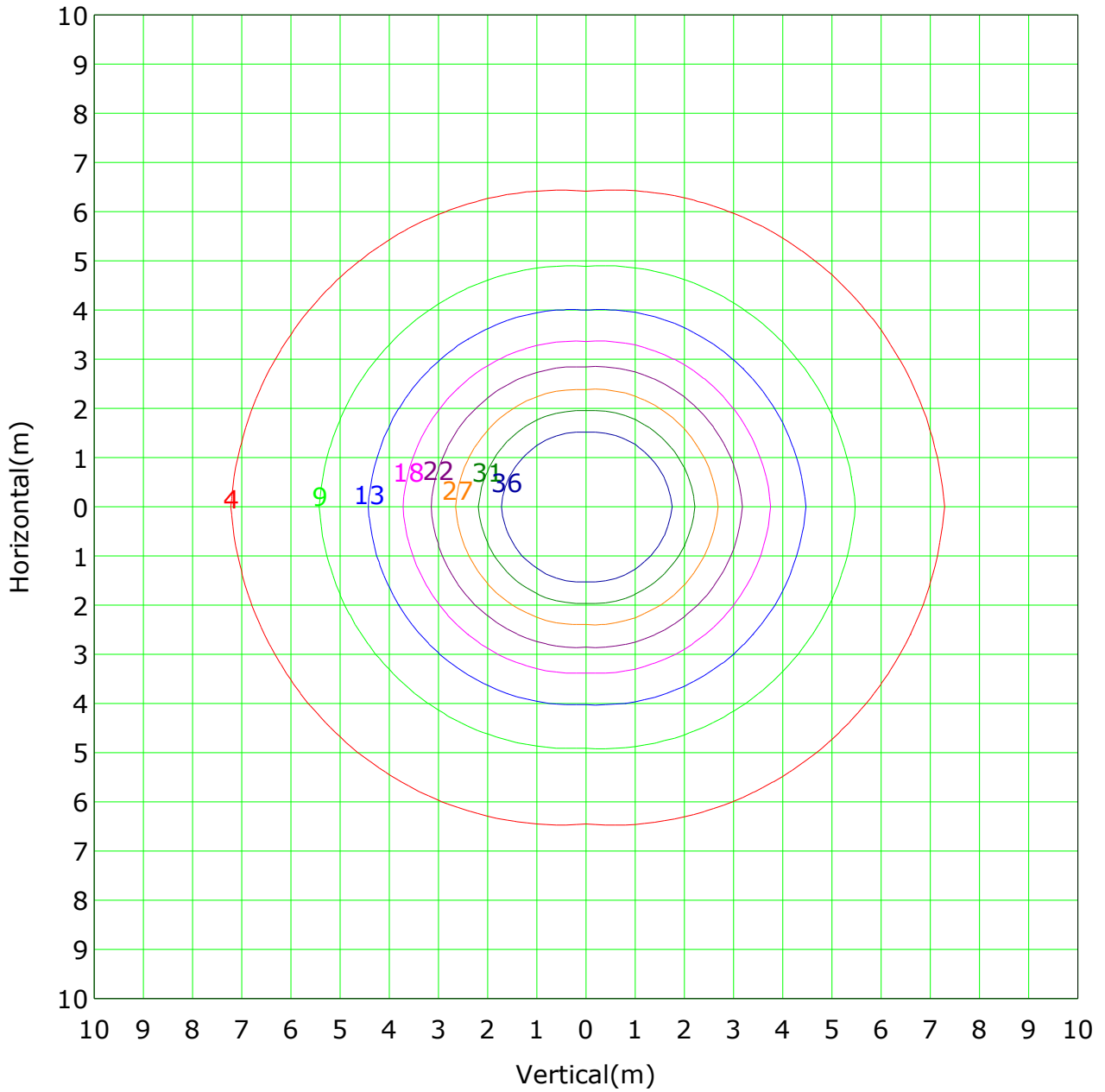
Imax (100%): 910 cd

| | |
|------------------|------------------|
| — (10%): 91 cd | — (16%): 146 cd |
| — (25%): 228 cd | — (40%): 364 cd |
| — (63%): 573 cd | — (100%): 910 cd |

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 Humidity: 65
 Inspector:

IsoLux Plot



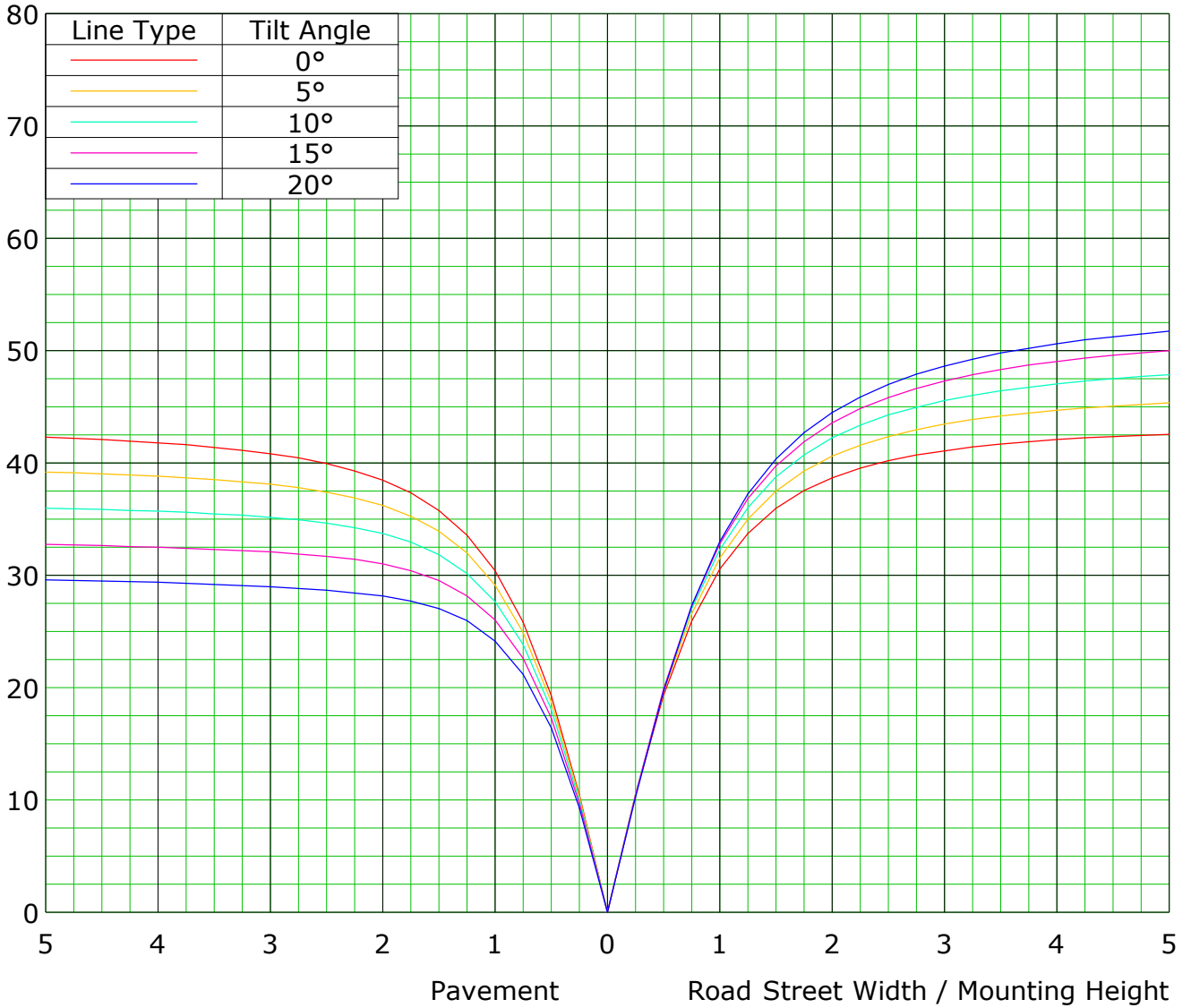
| | | |
|-----------------------|---------|------------------------|
| Mounting Height: 4.5m | | Max Lux(100%): 44.6 lx |
| — (10%): | 4.5 lx | — (20%): 8.9 lx |
| — (30%): | 13.4 lx | — (40%): 17.9 lx |
| — (50%): | 22.3 lx | — (60%): 26.8 lx |
| — (70%): | 31.3 lx | — (80%): 35.7 lx |

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 Temperature: 26
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 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Roadway CU Curve

Efficiency(%)



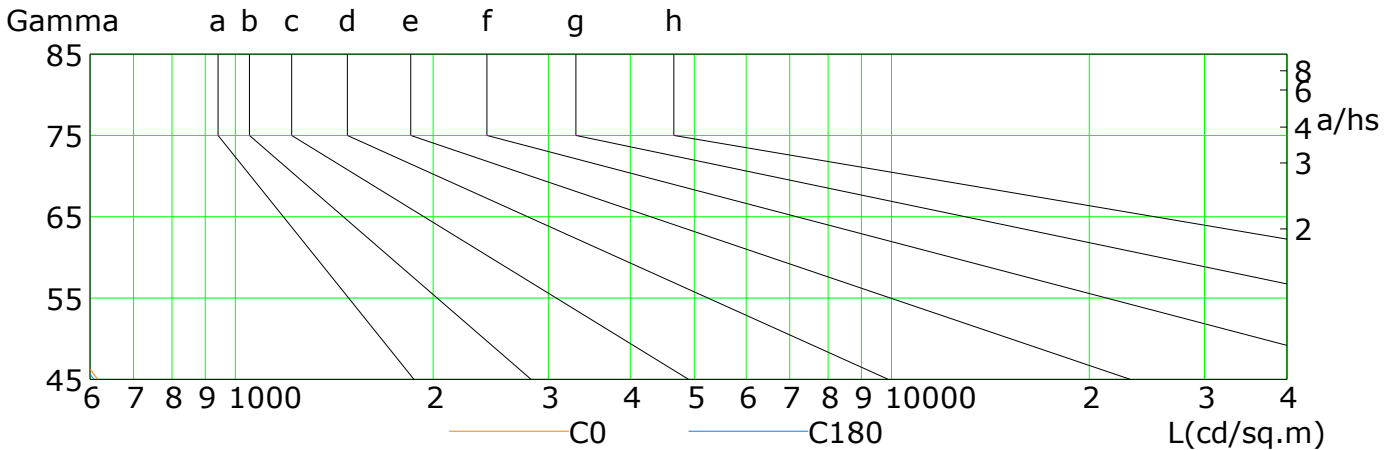
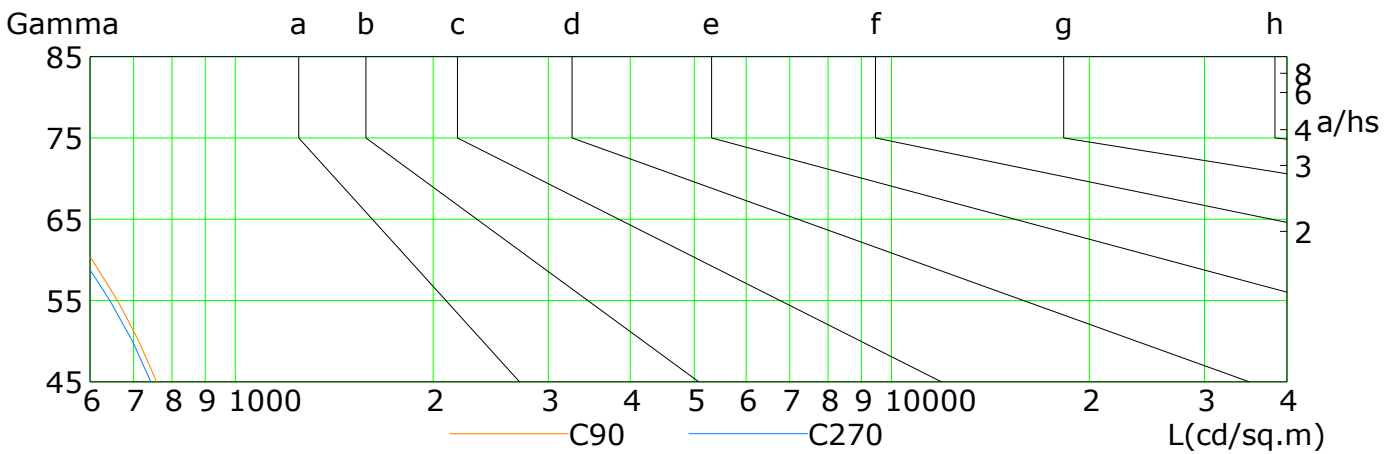
C Plane (°):0.0-360.0: 90.0
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Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Lum Limit Curve

| Dazzle | Quality | Illuminance (lx) | | | | | | | |
|--------|---------|------------------|------|------|-------|-------|-------|-------|-------|
| | | 2000 | 1000 | 500 | <=300 | | | | |
| 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

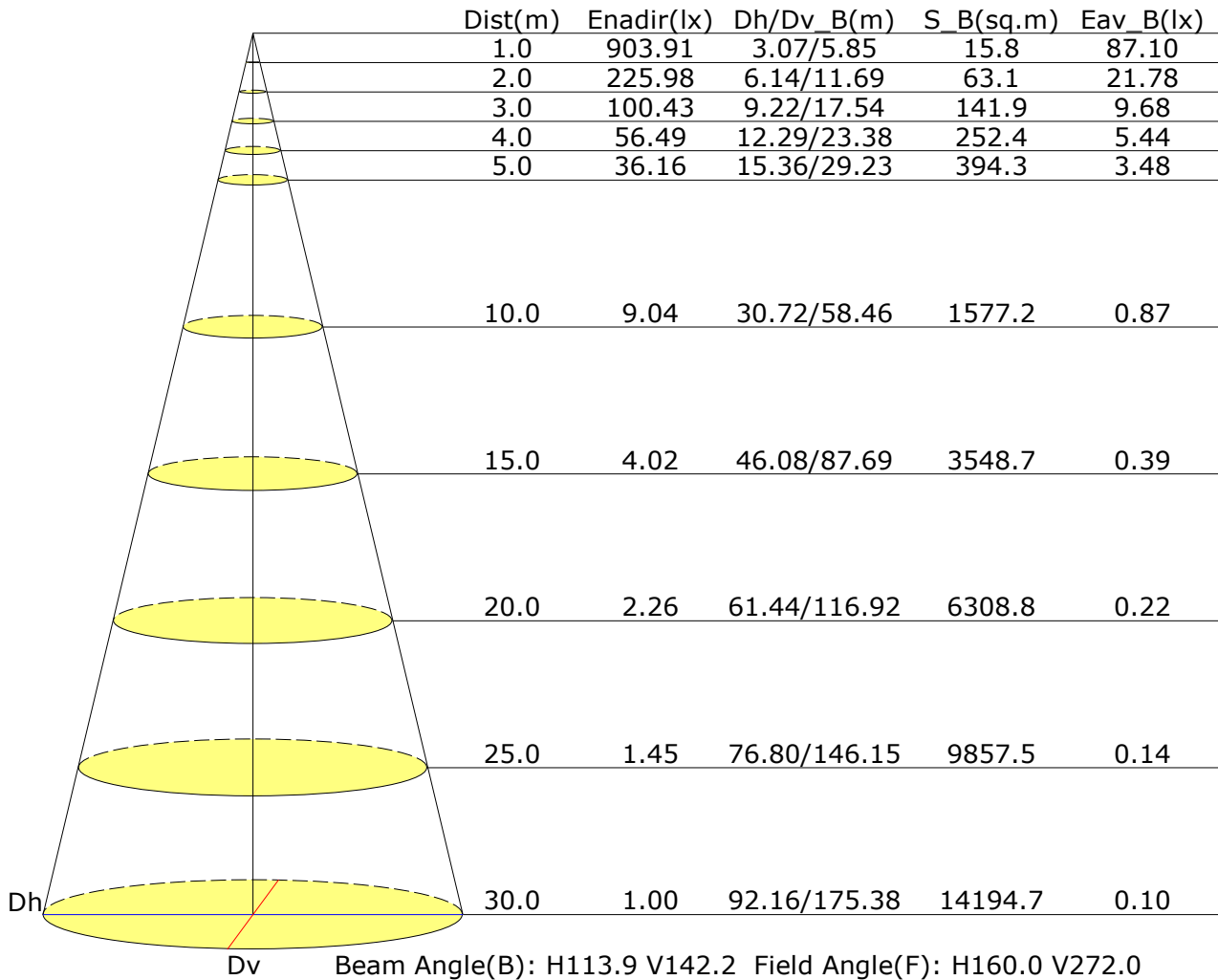


| L(cd/sq.m) | G45 | G50 | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| C0 | 617 | 554 | 485 | 410 | 333 | 252 | 170 | 93 | 30 |
| C90 | 758 | 712 | 661 | 604 | 544 | 479 | 414 | 352 | 301 |
| C180 | 608 | 545 | 476 | 402 | 325 | 244 | 164 | 87 | 27 |
| C270 | 743 | 696 | 644 | 586 | 524 | 460 | 394 | 333 | 284 |

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Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.684 m [K=1.0000]
Humidity: 65
Inspector:

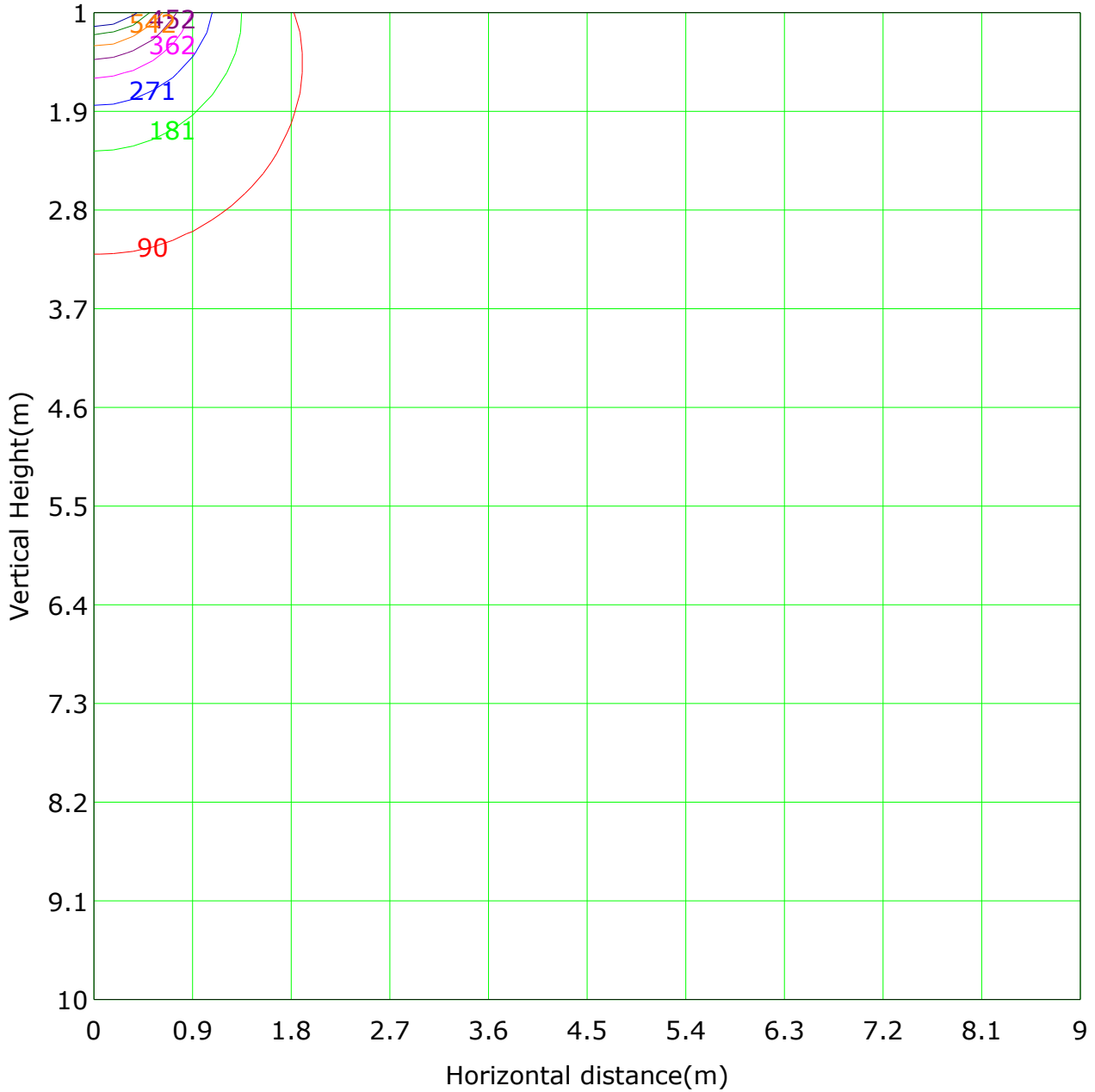
Illuminance at a Distance



C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Vertical IsoLux Plot



| | | |
|--------------------|--------------------|-------------------|
| Lowest(m): 1.0m | Highest(m): 10.0m | Max Lux: 903.9 lx |
| — (10%): 90.4 lx | — (20%): 180.8 lx | |
| — (30%): 271.2 lx | — (40%): 361.6 lx | |
| — (50%): 452.0 lx | — (60%): 542.3 lx | |
| — (70%): 632.7 lx | — (80%): 723.1 lx | |

C Plane (°):0.0-360.0: 90.0
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 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
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 Inspector:

Area Flux Table

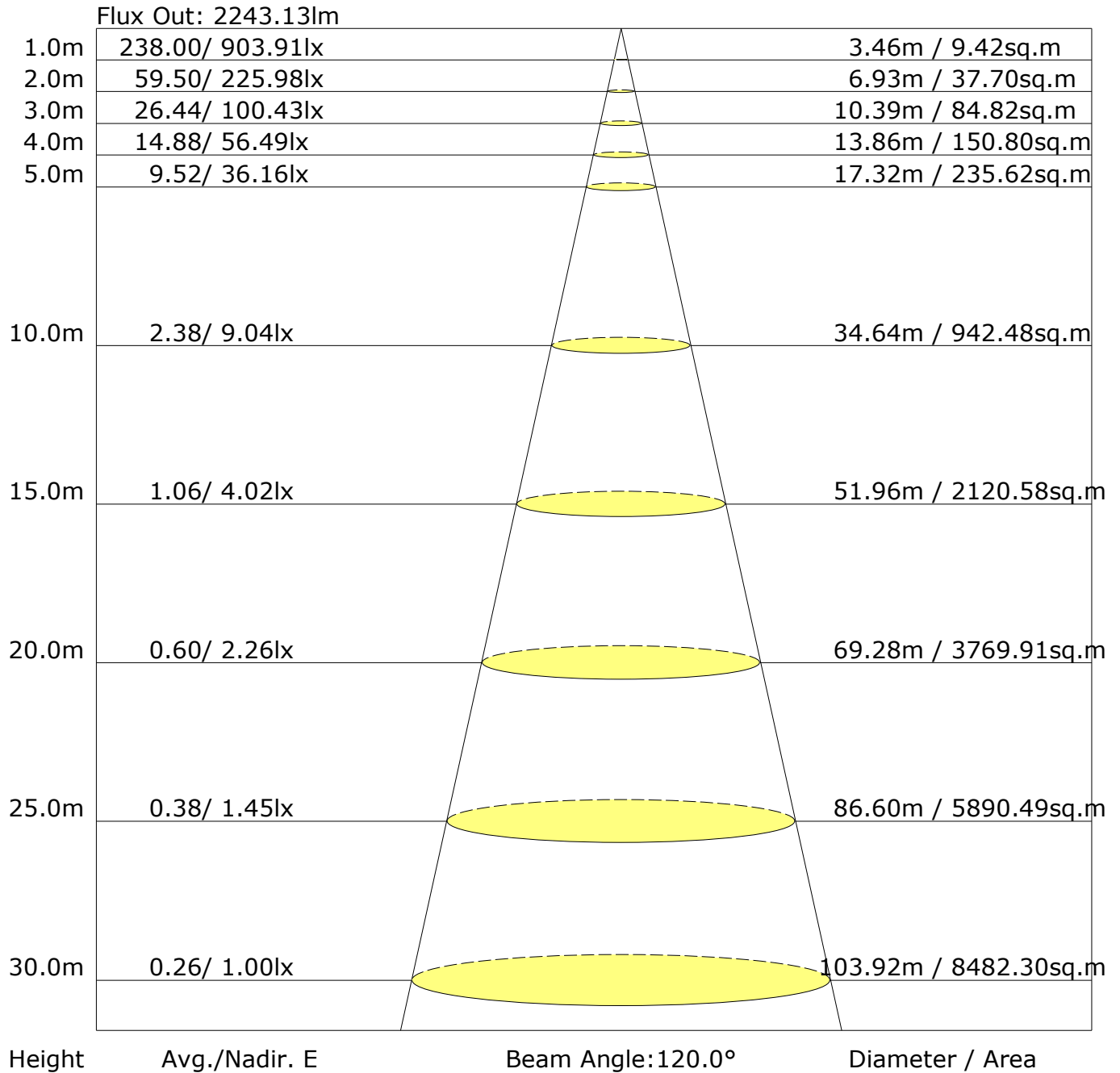
Unit: lm

| | | Vertical plane | | | | | | | | | | | | | | | | | | | | | |
|---------|---------|----------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-----|-------|-------|--|--|
| | | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | | |
| Flux(E) | Flux(T) | 0.1 | 0.4 | 1.0 | 2.0 | 3.1 | 4.5 | 5.8 | 7.1 | 8.2 | 8.2 | 7.1 | 5.9 | 4.5 | 3.2 | 2.0 | 1.0 | 0.4 | 0.1 | 64.6 | 62.0 | | |
| | | 0.1 | 0.5 | 1.4 | 2.9 | 4.6 | 6.6 | 8.5 | 10.2 | 11.5 | 11.5 | 10.3 | 8.6 | 6.7 | 4.7 | 2.9 | 1.5 | 0.5 | 0.1 | 93.1 | 91.7 | | |
| | | 0.1 | 0.7 | 2.0 | 4.1 | 6.6 | 9.3 | 11.8 | 14.0 | 15.5 | 15.5 | 14.0 | 11.9 | 9.4 | 6.7 | 4.2 | 2.1 | 0.7 | 0.1 | 128.4 | 127.6 | | |
| | | 0.1 | 0.8 | 2.6 | 5.3 | 8.5 | 11.9 | 14.9 | 17.4 | 19.1 | 19.1 | 17.5 | 15.0 | 12.0 | 8.6 | 5.4 | 2.7 | 0.9 | 0.1 | 162.0 | 161.5 | | |
| | | 0.1 | 1.0 | 3.2 | 6.4 | 10.2 | 14.1 | 17.6 | 20.3 | 22.1 | 22.1 | 20.4 | 17.7 | 14.2 | 10.3 | 6.5 | 3.3 | 1.1 | 0.1 | 190.7 | 190.3 | | |
| | | 0.1 | 1.2 | 3.7 | 7.3 | 11.5 | 15.8 | 19.6 | 22.6 | 24.4 | 24.5 | 22.7 | 19.8 | 15.9 | 11.7 | 7.4 | 3.8 | 1.2 | 0.1 | 213.5 | 213.2 | | |
| | | 0.1 | 1.3 | 4.0 | 8.0 | 12.5 | 17.1 | 21.1 | 24.2 | 26.1 | 26.1 | 24.3 | 21.3 | 17.2 | 12.7 | 8.1 | 4.1 | 1.4 | 0.1 | 229.7 | 229.4 | | |
| | | 0.1 | 1.4 | 4.2 | 8.3 | 13.1 | 17.8 | 22.0 | 25.2 | 27.0 | 27.0 | 25.3 | 22.2 | 18.0 | 13.2 | 8.5 | 4.3 | 1.4 | 0.1 | 239.2 | 238.9 | | |
| | | 0.1 | 1.4 | 4.3 | 8.4 | 13.2 | 18.0 | 22.3 | 25.5 | 27.2 | 27.3 | 25.6 | 22.5 | 18.2 | 13.4 | 8.6 | 4.4 | 1.4 | 0.1 | 241.9 | 241.6 | | |
| | | 0.1 | 1.4 | 4.3 | 8.4 | 13.2 | 18.0 | 22.3 | 25.6 | 27.3 | 27.3 | 25.7 | 22.5 | 18.2 | 13.4 | 8.6 | 4.4 | 1.4 | 0.1 | 242.3 | 242.1 | | |
| | | 0.1 | 1.4 | 4.3 | 8.4 | 13.1 | 17.9 | 22.1 | 25.3 | 27.1 | 27.2 | 25.4 | 22.3 | 18.1 | 13.3 | 8.5 | 4.4 | 1.4 | 0.1 | 240.4 | 240.2 | | |
| | | 0.1 | 1.3 | 4.1 | 8.0 | 12.6 | 17.2 | 21.3 | 24.4 | 26.3 | 26.4 | 24.5 | 21.4 | 17.4 | 12.7 | 8.1 | 4.2 | 1.4 | 0.1 | 231.7 | 231.4 | | |
| | | 0.1 | 1.2 | 3.7 | 7.4 | 11.7 | 16.0 | 19.9 | 22.9 | 24.8 | 24.8 | 23.0 | 20.0 | 16.1 | 11.8 | 7.5 | 3.8 | 1.3 | 0.1 | 216.1 | 215.7 | | |
| | | 0.1 | 1.1 | 3.3 | 6.5 | 10.4 | 14.3 | 17.8 | 20.7 | 22.5 | 22.5 | 20.7 | 17.9 | 14.4 | 10.5 | 6.6 | 3.3 | 1.1 | 0.1 | 193.9 | 193.5 | | |
| | | 0.1 | 0.9 | 2.7 | 5.4 | 8.7 | 12.1 | 15.3 | 17.8 | 19.6 | 19.6 | 17.9 | 15.3 | 12.2 | 8.8 | 5.5 | 2.8 | 0.9 | 0.1 | 165.7 | 165.2 | | |
| | | 0.1 | 0.7 | 2.1 | 4.2 | 6.8 | 9.6 | 12.2 | 14.4 | 16.0 | 16.0 | 14.5 | 12.3 | 9.7 | 6.9 | 4.3 | 2.1 | 0.7 | 0.1 | 132.5 | 131.8 | | |
| | | 0.1 | 0.5 | 1.5 | 3.0 | 4.9 | 6.9 | 8.9 | 10.7 | 12.1 | 12.1 | 10.7 | 9.0 | 7.0 | 4.9 | 3.0 | 1.5 | 0.5 | 0.1 | 97.3 | 96.1 | | |
| | | 0.1 | 0.4 | 1.1 | 2.1 | 3.3 | 4.7 | 6.2 | 7.5 | 8.7 | 8.7 | 7.6 | 6.2 | 4.7 | 3.3 | 2.1 | 1.1 | 0.4 | 0.1 | 68.3 | 66.0 | | |
| | | 1.8 | 17.5 | 53.5 | 106.0 | 168.1 | 231.8 | 289.9 | 336.0 | 365.5 | 365.5 | 337.1 | 291.6 | 233.8 | 170.1 | 107.8 | 54.8 | 18.1 | 1.9 | 3151 | | | |
| | | 0.0 | 14.4 | 51.7 | 106.0 | 168.1 | 231.8 | 289.9 | 336.0 | 365.5 | 365.5 | 337.1 | 291.6 | 233.8 | 170.1 | 107.8 | 53.1 | 15.3 | 0.0 | | 3138 | | |

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

The Average Illuminance Effective Figure



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 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 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 | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 3H | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 4H | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 6H | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 8H | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 12H | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| X=4H Y=2H | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 3H | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 4H | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 6H | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 8H | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 12H | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| X=8H Y=4H | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 6H | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 8H | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 12H | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| X=12H Y=4H | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 6H | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 8H | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S=1.0H | | | | | | | | | | |
| | | | | | | | | | | |
| S=1.5H | | | | | | | | | | |
| | | | | | | | | | | |
| S=2.0H | | | | | | | | | | |
| | | | | | | | | | | |

Calculate in accordance with CIE Pub.117. The table is revised with 3587lm ($8\log(F/F_0) = 4.4$).

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Zonal Lumen

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 0.0-1.0 | 903.9 | 0.9 | 0.9 | 0.02 | 0.02 |
| 1.0-2.0 | 903.9 | 2.6 | 3.5 | 0.07 | 0.10 |
| 2.0-3.0 | 903.8 | 4.3 | 7.8 | 0.12 | 0.22 |
| 3.0-4.0 | 903.6 | 6.0 | 13.8 | 0.17 | 0.39 |
| 4.0-5.0 | 903.2 | 7.8 | 21.6 | 0.22 | 0.60 |
| 5.0-6.0 | 902.7 | 9.5 | 31.1 | 0.26 | 0.87 |
| 6.0-7.0 | 902.0 | 11.2 | 42.3 | 0.31 | 1.18 |
| 7.0-8.0 | 901.1 | 12.9 | 55.2 | 0.36 | 1.54 |
| 8.0-9.0 | 900.0 | 14.6 | 69.8 | 0.41 | 1.95 |
| 9.0-10.0 | 898.6 | 16.3 | 86.0 | 0.45 | 2.40 |
| 10.0-11.0 | 897.0 | 17.9 | 104.0 | 0.50 | 2.90 |
| 11.0-12.0 | 895.1 | 19.6 | 123.5 | 0.55 | 3.44 |
| 12.0-13.0 | 892.9 | 21.2 | 144.7 | 0.59 | 4.03 |
| 13.0-14.0 | 890.6 | 22.8 | 167.5 | 0.64 | 4.67 |
| 14.0-15.0 | 887.9 | 24.4 | 191.9 | 0.68 | 5.35 |
| 15.0-16.0 | 884.9 | 25.9 | 217.8 | 0.72 | 6.07 |
| 16.0-17.0 | 881.8 | 27.5 | 245.3 | 0.77 | 6.84 |
| 17.0-18.0 | 878.4 | 29.0 | 274.3 | 0.81 | 7.65 |
| 18.0-19.0 | 874.6 | 30.4 | 304.7 | 0.85 | 8.49 |
| 19.0-20.0 | 870.5 | 31.9 | 336.6 | 0.89 | 9.38 |
| 20.0-21.0 | 866.3 | 33.3 | 369.8 | 0.93 | 10.31 |
| 21.0-22.0 | 861.7 | 34.6 | 404.5 | 0.97 | 11.28 |
| 22.0-23.0 | 856.8 | 36.0 | 440.4 | 1.00 | 12.28 |
| 23.0-24.0 | 851.7 | 37.2 | 477.7 | 1.04 | 13.32 |
| 24.0-25.0 | 846.3 | 38.5 | 516.2 | 1.07 | 14.39 |
| 25.0-26.0 | 840.8 | 39.7 | 555.8 | 1.11 | 15.50 |
| 26.0-27.0 | 834.8 | 40.8 | 596.7 | 1.14 | 16.64 |
| 27.0-28.0 | 828.7 | 42.0 | 638.7 | 1.17 | 17.80 |
| 28.0-29.0 | 822.4 | 43.0 | 681.7 | 1.20 | 19.00 |
| 29.0-30.0 | 815.9 | 44.1 | 725.7 | 1.23 | 20.23 |
| 30.0-31.0 | 808.9 | 45.0 | 770.8 | 1.26 | 21.49 |
| 31.0-32.0 | 801.7 | 45.9 | 816.7 | 1.28 | 22.77 |
| 32.0-33.0 | 794.3 | 46.8 | 863.5 | 1.30 | 24.07 |
| 33.0-34.0 | 786.7 | 47.6 | 911.1 | 1.33 | 25.40 |
| 34.0-35.0 | 778.9 | 48.4 | 959.5 | 1.35 | 26.75 |
| 35.0-36.0 | 770.8 | 49.1 | 1008.6 | 1.37 | 28.12 |

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 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Zonal Lumen (Continue 1)

| Gamma [°] | Imean [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------|--------------------|------------------------|-----------------------|---------------------------|
| 36.0-37.0 | 762.2 | 49.7 | 1058.3 | 1.39 | 29.50 |
| 37.0-38.0 | 753.6 | 50.3 | 1108.6 | 1.40 | 30.91 |
| 38.0-39.0 | 745.0 | 50.9 | 1159.5 | 1.42 | 32.32 |
| 39.0-40.0 | 736.0 | 51.3 | 1210.8 | 1.43 | 33.76 |
| 40.0-41.0 | 726.5 | 51.7 | 1262.6 | 1.44 | 35.20 |
| 41.0-42.0 | 716.9 | 52.1 | 1314.7 | 1.45 | 36.65 |
| 42.0-43.0 | 707.4 | 52.4 | 1367.1 | 1.46 | 38.11 |
| 43.0-44.0 | 697.4 | 52.6 | 1419.7 | 1.47 | 39.58 |
| 44.0-45.0 | 687.0 | 52.8 | 1472.5 | 1.47 | 41.05 |
| 45.0-46.0 | 676.5 | 52.9 | 1525.4 | 1.48 | 42.53 |
| 46.0-47.0 | 666.0 | 53.0 | 1578.4 | 1.48 | 44.00 |
| 47.0-48.0 | 654.8 | 52.9 | 1631.3 | 1.48 | 45.48 |
| 48.0-49.0 | 643.6 | 52.9 | 1684.2 | 1.47 | 46.95 |
| 49.0-50.0 | 632.5 | 52.7 | 1736.9 | 1.47 | 48.42 |
| 50.0-51.0 | 620.9 | 52.5 | 1789.5 | 1.46 | 49.89 |
| 51.0-52.0 | 609.2 | 52.3 | 1841.8 | 1.46 | 51.35 |
| 52.0-53.0 | 597.2 | 52.0 | 1893.7 | 1.45 | 52.79 |
| 53.0-54.0 | 584.9 | 51.6 | 1945.3 | 1.44 | 54.23 |
| 54.0-55.0 | 572.6 | 51.1 | 1996.4 | 1.43 | 55.66 |
| 55.0-56.0 | 560.1 | 50.6 | 2047.0 | 1.41 | 57.07 |
| 56.0-57.0 | 547.1 | 50.0 | 2097.0 | 1.39 | 58.46 |
| 57.0-58.0 | 534.2 | 49.4 | 2146.4 | 1.38 | 59.84 |
| 58.0-59.0 | 521.1 | 48.7 | 2195.2 | 1.36 | 61.20 |
| 59.0-60.0 | 507.6 | 48.0 | 2243.1 | 1.34 | 62.54 |
| 60.0-61.0 | 494.1 | 47.2 | 2290.3 | 1.31 | 63.85 |
| 61.0-62.0 | 480.5 | 46.3 | 2336.6 | 1.29 | 65.14 |
| 62.0-63.0 | 466.6 | 45.4 | 2382.0 | 1.27 | 66.41 |
| 63.0-64.0 | 452.7 | 44.4 | 2426.4 | 1.24 | 67.64 |
| 64.0-65.0 | 438.6 | 43.4 | 2469.8 | 1.21 | 68.86 |
| 65.0-66.0 | 424.2 | 42.3 | 2512.1 | 1.18 | 70.04 |
| 66.0-67.0 | 409.9 | 41.2 | 2553.4 | 1.15 | 71.18 |
| 67.0-68.0 | 395.3 | 40.0 | 2593.4 | 1.12 | 72.30 |
| 68.0-69.0 | 380.6 | 38.8 | 2632.2 | 1.08 | 73.38 |
| 69.0-70.0 | 366.0 | 37.6 | 2669.8 | 1.05 | 74.43 |
| 70.0-71.0 | 351.3 | 36.3 | 2706.1 | 1.01 | 75.44 |
| 71.0-72.0 | 336.7 | 35.0 | 2741.2 | 0.98 | 76.42 |

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Zonal Lumen (Continue 2)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 72.0-73.0 | 321.9 | 33.7 | 2774.8 | 0.94 | 77.36 |
| 73.0-74.0 | 307.3 | 32.3 | 2807.1 | 0.90 | 78.26 |
| 74.0-75.0 | 292.7 | 30.9 | 2838.1 | 0.86 | 79.12 |
| 75.0-76.0 | 278.1 | 29.5 | 2867.6 | 0.82 | 79.94 |
| 76.0-77.0 | 263.9 | 28.1 | 2895.7 | 0.78 | 80.73 |
| 77.0-78.0 | 250.2 | 26.8 | 2922.5 | 0.75 | 81.48 |
| 78.0-79.0 | 236.3 | 25.4 | 2947.9 | 0.71 | 82.18 |
| 79.0-80.0 | 222.6 | 24.0 | 2971.9 | 0.67 | 82.85 |
| 80.0-81.0 | 210.1 | 22.7 | 2994.6 | 0.63 | 83.49 |
| 81.0-82.0 | 198.0 | 21.5 | 3016.1 | 0.60 | 84.09 |
| 82.0-83.0 | 186.4 | 20.3 | 3036.4 | 0.56 | 84.65 |
| 83.0-84.0 | 175.3 | 19.1 | 3055.5 | 0.53 | 85.18 |
| 84.0-85.0 | 165.2 | 18.0 | 3073.5 | 0.50 | 85.69 |
| 85.0-86.0 | 156.1 | 17.1 | 3090.6 | 0.48 | 86.16 |
| 86.0-87.0 | 148.1 | 16.2 | 3106.8 | 0.45 | 86.61 |
| 87.0-88.0 | 141.2 | 15.5 | 3122.3 | 0.43 | 87.04 |
| 88.0-89.0 | 135.7 | 14.9 | 3137.2 | 0.41 | 87.46 |
| 89.0-90.0 | 131.8 | 14.4 | 3151.6 | 0.40 | 87.86 |
| 90.0-91.0 | 128.8 | 14.1 | 3165.7 | 0.39 | 88.26 |
| 91.0-92.0 | 126.5 | 13.9 | 3179.6 | 0.39 | 88.64 |
| 92.0-93.0 | 124.4 | 13.6 | 3193.2 | 0.38 | 89.02 |
| 93.0-94.0 | 122.6 | 13.4 | 3206.6 | 0.37 | 89.40 |
| 94.0-95.0 | 120.9 | 13.2 | 3219.9 | 0.37 | 89.77 |
| 95.0-96.0 | 119.4 | 13.0 | 3232.9 | 0.36 | 90.13 |
| 96.0-97.0 | 117.9 | 12.8 | 3245.7 | 0.36 | 90.49 |
| 97.0-98.0 | 116.0 | 12.6 | 3258.4 | 0.35 | 90.84 |
| 98.0-99.0 | 113.4 | 12.3 | 3270.7 | 0.34 | 91.18 |
| 99.0-100.0 | 110.1 | 11.9 | 3282.6 | 0.33 | 91.51 |
| 100.0-101.0 | 106.5 | 11.5 | 3294.0 | 0.32 | 91.83 |
| 101.0-102.0 | 102.5 | 11.0 | 3305.1 | 0.31 | 92.14 |
| 102.0-103.0 | 98.3 | 10.5 | 3315.6 | 0.29 | 92.43 |
| 103.0-104.0 | 94.1 | 10.0 | 3325.6 | 0.28 | 92.71 |
| 104.0-105.0 | 89.8 | 9.5 | 3335.2 | 0.27 | 92.98 |
| 105.0-106.0 | 85.3 | 9.0 | 3344.2 | 0.25 | 93.23 |
| 106.0-107.0 | 81.4 | 8.6 | 3352.7 | 0.24 | 93.47 |
| 107.0-108.0 | 78.9 | 8.2 | 3361.0 | 0.23 | 93.70 |

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Zonal Lumen (Continue 3)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 108.0-109.0 | 77.1 | 8.0 | 3369.0 | 0.22 | 93.92 |
| 109.0-110.0 | 75.4 | 7.8 | 3376.8 | 0.22 | 94.14 |
| 110.0-111.0 | 73.8 | 7.6 | 3384.4 | 0.21 | 94.35 |
| 111.0-112.0 | 72.4 | 7.4 | 3391.7 | 0.21 | 94.56 |
| 112.0-113.0 | 71.4 | 7.2 | 3399.0 | 0.20 | 94.76 |
| 113.0-114.0 | 70.9 | 7.1 | 3406.1 | 0.20 | 94.96 |
| 114.0-115.0 | 70.5 | 7.0 | 3413.2 | 0.20 | 95.15 |
| 115.0-116.0 | 70.3 | 7.0 | 3420.1 | 0.19 | 95.35 |
| 116.0-117.0 | 70.0 | 6.9 | 3427.0 | 0.19 | 95.54 |
| 117.0-118.0 | 69.8 | 6.8 | 3433.8 | 0.19 | 95.73 |
| 118.0-119.0 | 69.6 | 6.7 | 3440.5 | 0.19 | 95.92 |
| 119.0-120.0 | 68.9 | 6.6 | 3447.1 | 0.18 | 96.10 |
| 120.0-121.0 | 67.7 | 6.4 | 3453.5 | 0.18 | 96.28 |
| 121.0-122.0 | 66.3 | 6.2 | 3459.6 | 0.17 | 96.45 |
| 122.0-123.0 | 65.0 | 6.0 | 3465.7 | 0.17 | 96.62 |
| 123.0-124.0 | 64.0 | 5.9 | 3471.5 | 0.16 | 96.78 |
| 124.0-125.0 | 63.2 | 5.7 | 3477.2 | 0.16 | 96.94 |
| 125.0-126.0 | 62.5 | 5.6 | 3482.8 | 0.16 | 97.10 |
| 126.0-127.0 | 61.9 | 5.5 | 3488.3 | 0.15 | 97.25 |
| 127.0-128.0 | 61.1 | 5.3 | 3493.6 | 0.15 | 97.40 |
| 128.0-129.0 | 60.1 | 5.2 | 3498.7 | 0.14 | 97.54 |
| 129.0-130.0 | 58.9 | 5.0 | 3503.7 | 0.14 | 97.68 |
| 130.0-131.0 | 57.5 | 4.8 | 3508.5 | 0.13 | 97.81 |
| 131.0-132.0 | 56.1 | 4.6 | 3513.1 | 0.13 | 97.94 |
| 132.0-133.0 | 54.5 | 4.4 | 3517.5 | 0.12 | 98.06 |
| 133.0-134.0 | 52.9 | 4.2 | 3521.7 | 0.12 | 98.18 |
| 134.0-135.0 | 51.3 | 4.0 | 3525.8 | 0.11 | 98.29 |
| 135.0-136.0 | 49.7 | 3.8 | 3529.6 | 0.11 | 98.40 |
| 136.0-137.0 | 48.2 | 3.6 | 3533.2 | 0.10 | 98.50 |
| 137.0-138.0 | 46.9 | 3.5 | 3536.7 | 0.10 | 98.60 |
| 138.0-139.0 | 45.7 | 3.3 | 3540.0 | 0.09 | 98.69 |
| 139.0-140.0 | 44.6 | 3.2 | 3543.2 | 0.09 | 98.78 |
| 140.0-141.0 | 43.4 | 3.0 | 3546.2 | 0.08 | 98.86 |
| 141.0-142.0 | 42.3 | 2.9 | 3549.1 | 0.08 | 98.94 |
| 142.0-143.0 | 41.2 | 2.8 | 3551.9 | 0.08 | 99.02 |
| 143.0-144.0 | 40.1 | 2.6 | 3554.5 | 0.07 | 99.09 |

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Zonal Lumen (Continue 4)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 144.0-145.0 | 39.0 | 2.5 | 3557.0 | 0.07 | 99.16 |
| 145.0-146.0 | 38.0 | 2.4 | 3559.3 | 0.07 | 99.23 |
| 146.0-147.0 | 36.9 | 2.2 | 3561.5 | 0.06 | 99.29 |
| 147.0-148.0 | 35.8 | 2.1 | 3563.7 | 0.06 | 99.35 |
| 148.0-149.0 | 34.8 | 2.0 | 3565.7 | 0.06 | 99.41 |
| 149.0-150.0 | 33.7 | 1.9 | 3567.5 | 0.05 | 99.46 |
| 150.0-151.0 | 32.7 | 1.8 | 3569.3 | 0.05 | 99.51 |
| 151.0-152.0 | 31.6 | 1.7 | 3570.9 | 0.05 | 99.55 |
| 152.0-153.0 | 30.5 | 1.5 | 3572.5 | 0.04 | 99.60 |
| 153.0-154.0 | 29.4 | 1.4 | 3573.9 | 0.04 | 99.64 |
| 154.0-155.0 | 28.4 | 1.3 | 3575.3 | 0.04 | 99.67 |
| 155.0-156.0 | 27.4 | 1.2 | 3576.5 | 0.03 | 99.71 |
| 156.0-157.0 | 26.4 | 1.2 | 3577.7 | 0.03 | 99.74 |
| 157.0-158.0 | 25.4 | 1.1 | 3578.7 | 0.03 | 99.77 |
| 158.0-159.0 | 24.3 | 1.0 | 3579.7 | 0.03 | 99.80 |
| 159.0-160.0 | 23.3 | 0.9 | 3580.6 | 0.02 | 99.82 |
| 160.0-161.0 | 22.3 | 0.8 | 3581.4 | 0.02 | 99.85 |
| 161.0-162.0 | 21.3 | 0.7 | 3582.2 | 0.02 | 99.87 |
| 162.0-163.0 | 20.4 | 0.7 | 3582.8 | 0.02 | 99.88 |
| 163.0-164.0 | 19.4 | 0.6 | 3583.4 | 0.02 | 99.90 |
| 164.0-165.0 | 18.5 | 0.5 | 3584.0 | 0.02 | 99.92 |
| 165.0-166.0 | 17.5 | 0.5 | 3584.5 | 0.01 | 99.93 |
| 166.0-167.0 | 16.6 | 0.4 | 3584.9 | 0.01 | 99.94 |
| 167.0-168.0 | 15.7 | 0.4 | 3585.3 | 0.01 | 99.95 |
| 168.0-169.0 | 14.8 | 0.3 | 3585.6 | 0.01 | 99.96 |
| 169.0-170.0 | 14.0 | 0.3 | 3585.9 | 0.01 | 99.97 |
| 170.0-171.0 | 13.3 | 0.2 | 3586.1 | 0.01 | 99.98 |
| 171.0-172.0 | 12.5 | 0.2 | 3586.3 | 0.01 | 99.98 |
| 172.0-173.0 | 11.9 | 0.2 | 3586.5 | 0.00 | 99.99 |
| 173.0-174.0 | 11.3 | 0.1 | 3586.6 | 0.00 | 99.99 |
| 174.0-175.0 | 10.7 | 0.1 | 3586.7 | 0.00 | 99.99 |
| 175.0-176.0 | 10.3 | 0.1 | 3586.8 | 0.00 | 100.00 |
| 176.0-177.0 | 9.9 | 0.1 | 3586.9 | 0.00 | 100.00 |
| 177.0-178.0 | 9.7 | 0.0 | 3586.9 | 0.00 | 100.00 |
| 178.0-179.0 | 9.5 | 0.0 | 3587.0 | 0.00 | 100.00 |
| 179.0-180.0 | 9.4 | 0.0 | 3587.0 | 0.00 | 100.00 |

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 1472.51 lm

%lum = 41.1%
%lamp = 41.1%

cone flux(120°): 2243.13 lm

%lum = 62.5%
%lamp = 62.5%

Candlepower Table

Unit: cd

| G\C | C0.0 | C90.0 | C180.0 | C270.0 | C360.0 | | | | | |
|-------|-------|-------|--------|--------|--------|--|--|--|--|--|
| G0.0 | 903.9 | 903.9 | 903.9 | 903.9 | 903.9 | | | | | |
| G1.0 | 903.9 | 904.5 | 903.6 | 903.7 | 903.9 | | | | | |
| G2.0 | 903.6 | 905.2 | 903.0 | 903.6 | 903.6 | | | | | |
| G3.0 | 903.0 | 906.1 | 902.0 | 903.8 | 903.0 | | | | | |
| G4.0 | 902.1 | 907.0 | 900.7 | 904.1 | 902.1 | | | | | |
| G5.0 | 900.8 | 907.8 | 899.0 | 904.3 | 900.8 | | | | | |
| G6.0 | 899.4 | 908.6 | 897.2 | 904.6 | 899.4 | | | | | |
| G7.0 | 897.5 | 909.2 | 895.1 | 904.7 | 897.5 | | | | | |
| G8.0 | 895.4 | 909.7 | 892.5 | 904.8 | 895.4 | | | | | |
| G9.0 | 893.0 | 910.0 | 889.8 | 904.7 | 893.0 | | | | | |
| G10.0 | 890.1 | 910.1 | 886.8 | 904.4 | 890.1 | | | | | |
| G11.0 | 887.1 | 910.0 | 883.5 | 903.9 | 887.1 | | | | | |
| G12.0 | 883.7 | 909.7 | 879.6 | 903.2 | 883.7 | | | | | |
| G13.0 | 880.1 | 909.0 | 875.8 | 902.3 | 880.1 | | | | | |
| G14.0 | 876.3 | 908.3 | 871.7 | 901.2 | 876.3 | | | | | |
| G15.0 | 871.7 | 907.3 | 866.8 | 899.7 | 871.7 | | | | | |
| G16.0 | 867.3 | 906.1 | 862.2 | 898.1 | 867.3 | | | | | |
| G17.0 | 862.6 | 904.4 | 857.2 | 896.3 | 862.6 | | | | | |
| G18.0 | 857.7 | 902.7 | 851.9 | 894.1 | 857.7 | | | | | |
| G19.0 | 851.9 | 900.7 | 845.9 | 891.8 | 851.9 | | | | | |
| G20.0 | 846.4 | 898.3 | 840.1 | 889.2 | 846.4 | | | | | |
| G21.0 | 840.6 | 895.7 | 834.0 | 886.4 | 840.6 | | | | | |
| G22.0 | 834.0 | 892.7 | 827.6 | 882.9 | 834.0 | | | | | |
| G23.0 | 827.6 | 889.8 | 820.3 | 879.7 | 827.6 | | | | | |
| G24.0 | 820.3 | 886.4 | 813.5 | 876.1 | 820.3 | | | | | |
| G25.0 | 813.4 | 882.6 | 806.4 | 872.0 | 813.4 | | | | | |
| G26.0 | 806.2 | 878.7 | 799.0 | 867.8 | 806.2 | | | | | |
| G27.0 | 798.1 | 874.7 | 790.6 | 863.5 | 798.1 | | | | | |
| G28.0 | 790.3 | 870.4 | 782.9 | 859.0 | 790.3 | | | | | |
| G29.0 | 782.0 | 865.7 | 774.8 | 854.2 | 782.0 | | | | | |
| G30.0 | 773.8 | 860.9 | 766.2 | 849.1 | 773.8 | | | | | |
| G31.0 | 765.4 | 855.4 | 756.8 | 843.9 | 765.4 | | | | | |
| G32.0 | 756.1 | 850.2 | 747.9 | 837.9 | 756.1 | | | | | |
| G33.0 | 747.3 | 844.3 | 738.8 | 832.2 | 747.3 | | | | | |
| G34.0 | 737.2 | 838.6 | 729.4 | 826.2 | 737.2 | | | | | |
| G35.0 | 727.8 | 832.6 | 719.7 | 819.9 | 727.8 | | | | | |
| G36.0 | 718.1 | 826.4 | 708.9 | 812.8 | 718.1 | | | | | |

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

| G\C | C0.0 | C90.0 | C180.0 | C270.0 | C360.0 | | | | | |
|-------|-------|-------|--------|--------|--------|--|--|--|--|--|
| G37.0 | 707.1 | 819.3 | 698.8 | 806.1 | 707.1 | | | | | |
| G38.0 | 696.9 | 812.7 | 688.6 | 799.4 | 696.9 | | | | | |
| G39.0 | 686.5 | 805.7 | 678.1 | 792.3 | 686.5 | | | | | |
| G40.0 | 675.9 | 798.6 | 666.3 | 784.3 | 675.9 | | | | | |
| G41.0 | 663.9 | 790.6 | 655.6 | 776.8 | 663.9 | | | | | |
| G42.0 | 652.7 | 782.9 | 644.2 | 768.9 | 652.7 | | | | | |
| G43.0 | 641.3 | 775.1 | 632.9 | 760.8 | 641.3 | | | | | |
| G44.0 | 630.0 | 766.3 | 621.3 | 751.8 | 630.0 | | | | | |
| G45.0 | 617.0 | 758.0 | 608.3 | 743.2 | 617.0 | | | | | |
| G46.0 | 605.1 | 749.6 | 596.2 | 734.5 | 605.1 | | | | | |
| G47.0 | 592.8 | 740.8 | 583.9 | 724.7 | 592.8 | | | | | |
| G48.0 | 579.1 | 731.0 | 570.4 | 715.7 | 579.1 | | | | | |
| G49.0 | 566.6 | 721.9 | 557.9 | 706.4 | 566.6 | | | | | |
| G50.0 | 553.6 | 712.4 | 545.0 | 695.9 | 553.6 | | | | | |
| G51.0 | 540.5 | 702.8 | 530.7 | 686.3 | 540.5 | | | | | |
| G52.0 | 527.2 | 693.0 | 517.6 | 675.4 | 527.2 | | | | | |
| G53.0 | 512.5 | 682.0 | 504.3 | 665.3 | 512.5 | | | | | |
| G54.0 | 498.9 | 671.8 | 489.3 | 654.8 | 498.9 | | | | | |
| G55.0 | 485.0 | 661.4 | 475.5 | 644.3 | 485.0 | | | | | |
| G56.0 | 471.1 | 649.7 | 461.6 | 632.5 | 471.1 | | | | | |
| G57.0 | 455.5 | 639.0 | 446.0 | 621.5 | 455.5 | | | | | |
| G58.0 | 441.2 | 628.0 | 431.7 | 610.3 | 441.2 | | | | | |
| G59.0 | 426.7 | 615.8 | 417.1 | 597.8 | 426.7 | | | | | |
| G60.0 | 410.4 | 604.3 | 402.4 | 586.2 | 410.4 | | | | | |
| G61.0 | 395.6 | 592.8 | 386.3 | 574.6 | 395.6 | | | | | |
| G62.0 | 380.5 | 581.1 | 371.6 | 561.7 | 380.5 | | | | | |
| G63.0 | 365.3 | 568.0 | 355.1 | 549.7 | 365.3 | | | | | |
| G64.0 | 349.9 | 555.9 | 339.9 | 537.6 | 349.9 | | | | | |
| G65.0 | 332.7 | 543.7 | 324.8 | 524.3 | 332.7 | | | | | |
| G66.0 | 317.1 | 531.4 | 307.8 | 511.8 | 317.1 | | | | | |
| G67.0 | 301.5 | 517.8 | 292.3 | 499.3 | 301.5 | | | | | |
| G68.0 | 284.2 | 505.3 | 276.7 | 485.4 | 284.2 | | | | | |
| G69.0 | 268.2 | 492.6 | 259.5 | 472.6 | 268.2 | | | | | |
| G70.0 | 252.5 | 478.8 | 243.7 | 459.8 | 252.5 | | | | | |
| G71.0 | 235.0 | 466.0 | 227.9 | 446.9 | 235.0 | | | | | |
| G72.0 | 219.1 | 453.2 | 212.3 | 433.0 | 219.1 | | | | | |
| G73.0 | 203.1 | 439.1 | 195.1 | 420.2 | 203.1 | | | | | |

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

| G\C | C0.0 | C90.0 | C180.0 | C270.0 | C360.0 | | | | | |
|--------|-------|-------|--------|--------|--------|--|--|--|--|--|
| G74.0 | 187.1 | 426.4 | 179.6 | 407.5 | 187.1 | | | | | |
| G75.0 | 169.8 | 413.7 | 164.1 | 393.6 | 169.8 | | | | | |
| G76.0 | 154.2 | 401.1 | 147.3 | 381.2 | 154.2 | | | | | |
| G77.0 | 138.8 | 387.5 | 132.4 | 369.0 | 138.8 | | | | | |
| G78.0 | 123.5 | 376.5 | 117.3 | 356.7 | 123.5 | | | | | |
| G79.0 | 107.3 | 363.5 | 101.4 | 343.8 | 107.3 | | | | | |
| G80.0 | 93.1 | 352.2 | 87.3 | 332.5 | 93.1 | | | | | |
| G81.0 | 79.2 | 341.1 | 73.7 | 321.6 | 79.2 | | | | | |
| G82.0 | 66.0 | 330.6 | 60.9 | 311.3 | 66.0 | | | | | |
| G83.0 | 53.5 | 319.5 | 48.8 | 300.6 | 53.5 | | | | | |
| G84.0 | 40.7 | 310.0 | 37.7 | 291.7 | 40.7 | | | | | |
| G85.0 | 30.3 | 301.0 | 26.7 | 283.5 | 30.3 | | | | | |
| G86.0 | 21.0 | 292.5 | 18.2 | 275.8 | 21.0 | | | | | |
| G87.0 | 13.3 | 284.7 | 11.2 | 268.2 | 13.3 | | | | | |
| G88.0 | 7.5 | 277.4 | 5.7 | 261.9 | 7.5 | | | | | |
| G89.0 | 3.5 | 270.6 | 3.0 | 256.4 | 3.5 | | | | | |
| G90.0 | 2.4 | 264.2 | 2.5 | 251.4 | 2.4 | | | | | |
| G91.0 | 2.4 | 258.9 | 2.6 | 246.4 | 2.4 | | | | | |
| G92.0 | 2.4 | 254.2 | 2.6 | 242.4 | 2.4 | | | | | |
| G93.0 | 2.5 | 249.8 | 2.7 | 238.7 | 2.5 | | | | | |
| G94.0 | 2.6 | 246.1 | 2.8 | 235.5 | 2.6 | | | | | |
| G95.0 | 2.8 | 242.4 | 2.9 | 232.2 | 2.8 | | | | | |
| G96.0 | 2.8 | 239.4 | 3.0 | 229.5 | 2.8 | | | | | |
| G97.0 | 2.9 | 236.3 | 3.1 | 226.2 | 2.9 | | | | | |
| G98.0 | 3.0 | 232.1 | 3.2 | 221.6 | 3.0 | | | | | |
| G99.0 | 3.1 | 225.9 | 3.3 | 215.1 | 3.1 | | | | | |
| G100.0 | 3.2 | 218.5 | 3.4 | 208.5 | 3.2 | | | | | |
| G101.0 | 3.3 | 209.7 | 3.5 | 201.5 | 3.3 | | | | | |
| G102.0 | 3.4 | 201.4 | 3.6 | 193.2 | 3.4 | | | | | |
| G103.0 | 3.5 | 192.5 | 3.7 | 185.3 | 3.5 | | | | | |
| G104.0 | 3.7 | 183.5 | 3.9 | 177.0 | 3.7 | | | | | |
| G105.0 | 3.8 | 174.5 | 3.9 | 168.2 | 3.8 | | | | | |
| G106.0 | 3.9 | 164.2 | 4.0 | 159.9 | 3.9 | | | | | |
| G107.0 | 4.0 | 156.5 | 4.1 | 154.4 | 4.0 | | | | | |
| G108.0 | 4.1 | 152.6 | 4.3 | 150.9 | 4.1 | | | | | |
| G109.0 | 4.2 | 148.7 | 4.4 | 147.7 | 4.2 | | | | | |
| G110.0 | 4.3 | 144.7 | 4.5 | 144.7 | 4.3 | | | | | |

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

| G\C | C0.0 | C90.0 | C180.0 | C270.0 | C360.0 | | | | | |
|--------|------|-------|--------|--------|--------|--|--|--|--|--|
| G111.0 | 4.4 | 140.9 | 4.6 | 141.9 | 4.4 | | | | | |
| G112.0 | 4.6 | 137.7 | 4.7 | 140.2 | 4.6 | | | | | |
| G113.0 | 4.7 | 135.5 | 4.8 | 139.4 | 4.7 | | | | | |
| G114.0 | 4.8 | 134.4 | 4.9 | 138.8 | 4.8 | | | | | |
| G115.0 | 4.8 | 133.6 | 5.0 | 138.2 | 4.8 | | | | | |
| G116.0 | 5.0 | 132.8 | 5.1 | 137.6 | 5.0 | | | | | |
| G117.0 | 5.1 | 132.4 | 5.2 | 136.9 | 5.1 | | | | | |
| G118.0 | 5.2 | 132.4 | 5.4 | 136.1 | 5.2 | | | | | |
| G119.0 | 5.3 | 132.3 | 5.4 | 134.6 | 5.3 | | | | | |
| G120.0 | 5.4 | 130.9 | 5.5 | 131.7 | 5.4 | | | | | |
| G121.0 | 5.5 | 128.1 | 5.6 | 128.6 | 5.5 | | | | | |
| G122.0 | 5.6 | 125.4 | 5.7 | 125.6 | 5.6 | | | | | |
| G123.0 | 5.7 | 123.3 | 5.8 | 123.0 | 5.7 | | | | | |
| G124.0 | 5.8 | 121.8 | 5.9 | 120.7 | 5.8 | | | | | |
| G125.0 | 5.9 | 120.4 | 6.0 | 118.9 | 5.9 | | | | | |
| G126.0 | 6.0 | 119.3 | 6.1 | 117.3 | 6.0 | | | | | |
| G127.0 | 6.1 | 118.3 | 6.2 | 115.8 | 6.1 | | | | | |
| G128.0 | 6.2 | 116.6 | 6.3 | 113.5 | 6.2 | | | | | |
| G129.0 | 6.3 | 114.4 | 6.4 | 111.0 | 6.3 | | | | | |
| G130.0 | 6.4 | 111.8 | 6.5 | 108.4 | 6.4 | | | | | |
| G131.0 | 6.5 | 108.7 | 6.5 | 105.5 | 6.5 | | | | | |
| G132.0 | 6.6 | 105.7 | 6.6 | 102.4 | 6.6 | | | | | |
| G133.0 | 6.7 | 102.5 | 6.7 | 99.0 | 6.7 | | | | | |
| G134.0 | 6.7 | 99.2 | 6.7 | 95.8 | 6.7 | | | | | |
| G135.0 | 6.8 | 95.8 | 6.8 | 92.5 | 6.8 | | | | | |
| G136.0 | 6.9 | 92.2 | 6.9 | 89.6 | 6.9 | | | | | |
| G137.0 | 7.0 | 89.4 | 6.9 | 86.6 | 7.0 | | | | | |
| G138.0 | 7.1 | 87.0 | 7.0 | 84.2 | 7.1 | | | | | |
| G139.0 | 7.2 | 84.5 | 7.0 | 81.8 | 7.2 | | | | | |
| G140.0 | 7.2 | 82.3 | 7.1 | 79.5 | 7.2 | | | | | |
| G141.0 | 7.3 | 80.0 | 7.2 | 77.0 | 7.3 | | | | | |
| G142.0 | 7.4 | 77.7 | 7.2 | 74.8 | 7.4 | | | | | |
| G143.0 | 7.5 | 75.2 | 7.3 | 72.6 | 7.5 | | | | | |
| G144.0 | 7.6 | 73.0 | 7.4 | 70.2 | 7.6 | | | | | |
| G145.0 | 7.6 | 70.8 | 7.5 | 68.1 | 7.6 | | | | | |
| G146.0 | 7.7 | 68.6 | 7.5 | 66.0 | 7.7 | | | | | |
| G147.0 | 7.8 | 66.4 | 7.6 | 63.7 | 7.8 | | | | | |

C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

| G\C | C0.0 | C90.0 | C180.0 | C270.0 | C360.0 | | | | | |
|--------|------|-------|--------|--------|--------|--|--|--|--|--|
| G148.0 | 7.8 | 64.2 | 7.7 | 61.6 | 7.8 | | | | | |
| G149.0 | 7.9 | 62.1 | 7.8 | 59.5 | 7.9 | | | | | |
| G150.0 | 7.9 | 59.7 | 7.9 | 57.2 | 7.9 | | | | | |
| G151.0 | 8.0 | 57.5 | 7.9 | 55.1 | 8.0 | | | | | |
| G152.0 | 8.0 | 55.2 | 8.0 | 53.0 | 8.0 | | | | | |
| G153.0 | 8.1 | 52.9 | 8.1 | 50.9 | 8.1 | | | | | |
| G154.0 | 8.2 | 50.6 | 8.2 | 48.6 | 8.2 | | | | | |
| G155.0 | 8.2 | 48.5 | 8.3 | 46.6 | 8.2 | | | | | |
| G156.0 | 8.2 | 46.4 | 8.4 | 44.5 | 8.2 | | | | | |
| G157.0 | 8.3 | 44.4 | 8.4 | 42.4 | 8.3 | | | | | |
| G158.0 | 8.4 | 42.3 | 8.5 | 40.2 | 8.4 | | | | | |
| G159.0 | 8.4 | 40.0 | 8.6 | 38.2 | 8.4 | | | | | |
| G160.0 | 8.5 | 37.9 | 8.7 | 36.2 | 8.5 | | | | | |
| G161.0 | 8.5 | 35.9 | 8.8 | 34.0 | 8.5 | | | | | |
| G162.0 | 8.6 | 33.9 | 8.8 | 32.2 | 8.6 | | | | | |
| G163.0 | 8.6 | 31.8 | 8.9 | 30.2 | 8.6 | | | | | |
| G164.0 | 8.6 | 29.8 | 9.0 | 28.3 | 8.6 | | | | | |
| G165.0 | 8.7 | 27.7 | 9.0 | 26.5 | 8.7 | | | | | |
| G166.0 | 8.8 | 25.9 | 9.1 | 24.6 | 8.8 | | | | | |
| G167.0 | 8.8 | 23.9 | 9.2 | 22.7 | 8.8 | | | | | |
| G168.0 | 8.9 | 22.0 | 9.2 | 20.9 | 8.9 | | | | | |
| G169.0 | 9.0 | 20.3 | 9.2 | 19.3 | 9.0 | | | | | |
| G170.0 | 9.0 | 18.7 | 9.2 | 17.7 | 9.0 | | | | | |
| G171.0 | 9.0 | 17.1 | 9.3 | 16.1 | 9.0 | | | | | |
| G172.0 | 9.1 | 15.5 | 9.4 | 14.8 | 9.1 | | | | | |
| G173.0 | 9.2 | 14.2 | 9.4 | 13.5 | 9.2 | | | | | |
| G174.0 | 9.2 | 12.9 | 9.4 | 12.3 | 9.2 | | | | | |
| G175.0 | 9.2 | 11.9 | 9.5 | 11.3 | 9.2 | | | | | |
| G176.0 | 9.3 | 10.9 | 9.5 | 10.5 | 9.3 | | | | | |
| G177.0 | 9.3 | 10.3 | 9.5 | 10.0 | 9.3 | | | | | |
| G178.0 | 9.4 | 9.8 | 9.5 | 9.6 | 9.4 | | | | | |
| G179.0 | 9.4 | 9.5 | 9.5 | 9.4 | 9.4 | | | | | |
| G180.0 | 9.4 | 9.3 | 9.6 | 9.3 | 9.4 | | | | | |
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C Plane (°):0.0-360.0: 90.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector: