

Report No.:

Test Time: 2023/12/5 星期二 04:27

Luminaire Property

Luminaire Manufacturer:

Voltage: 120.1 V

Power: 50.27 W

Current: 0.424 A

Power Factor: 0.985

Photometric Results

CIE Class: Direct

Measurement Flux: 6269 lm

Downward Ratio: 94%

Horizontal Diffuse Angle(10%,50%): H166.5,H125.3

Vertical Diffuse Angle(10%,50%): V123.3,V74.4

Luminaire Efficacy Rating (LER): 124.76

Max. Intensity: 3657.19 cd

S/MH(C0/C180): 1.21

Total Rated Lamp Lumens: 6269.0 lm

Efficiency: 100%

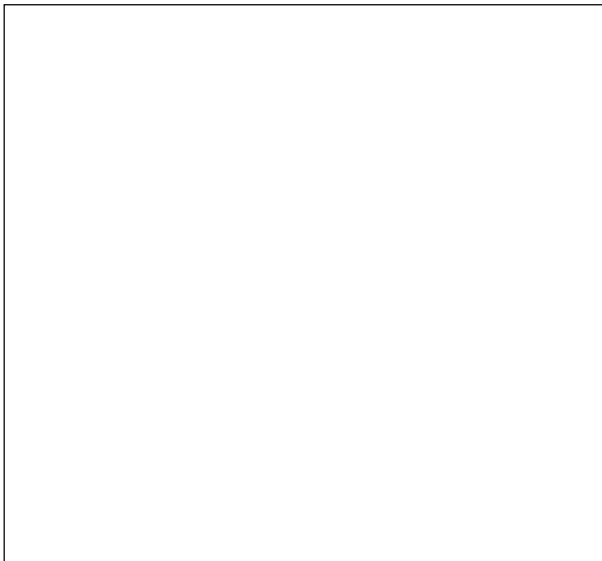
Upward Ratio: 6%

Central Intensity: 1404.35 cd

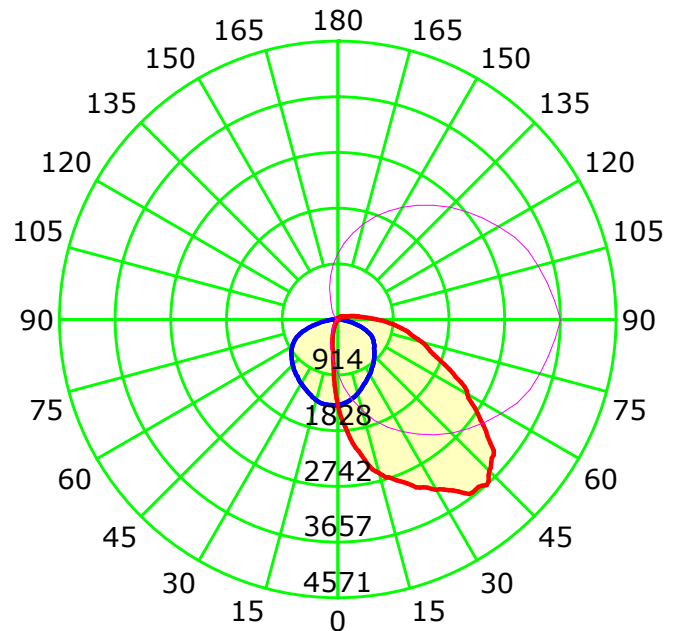
Pos of Max. Intensity: H90 V42

S/MH(C90/C270): 1.88

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 98.8°

— C0-C180 — C90-C270 — G42

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

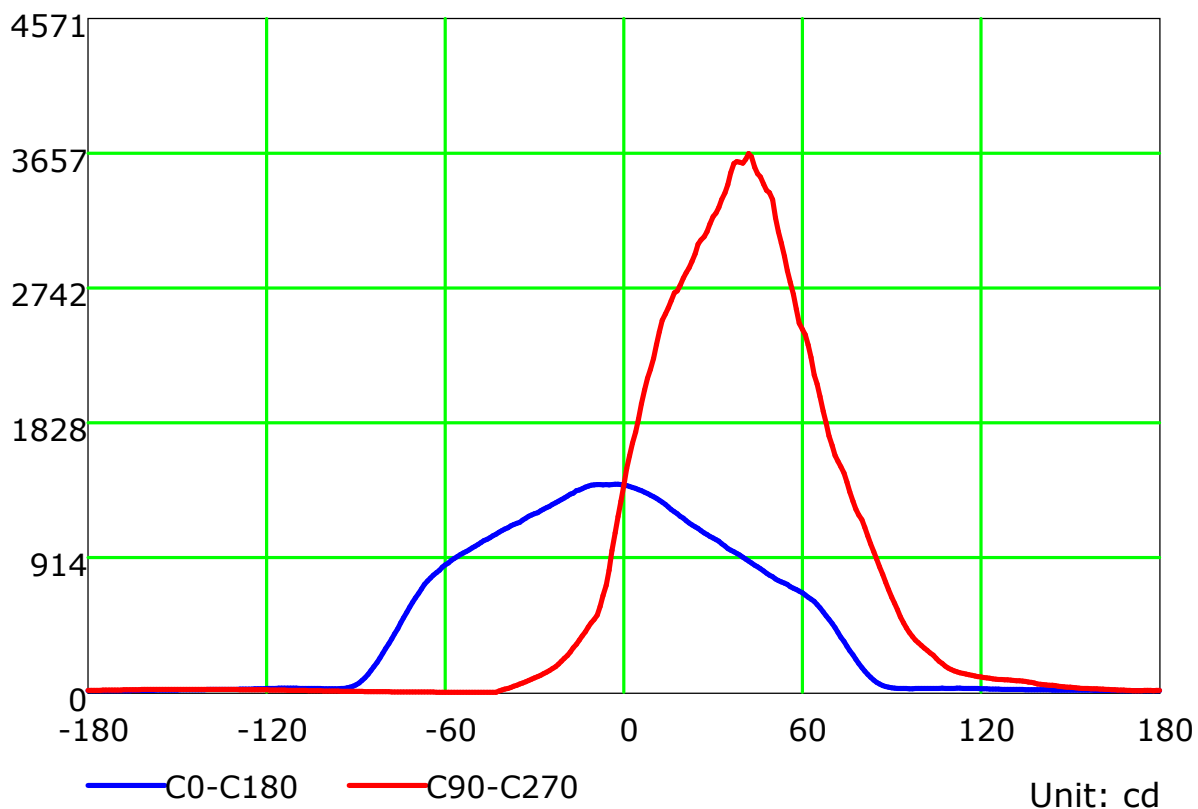
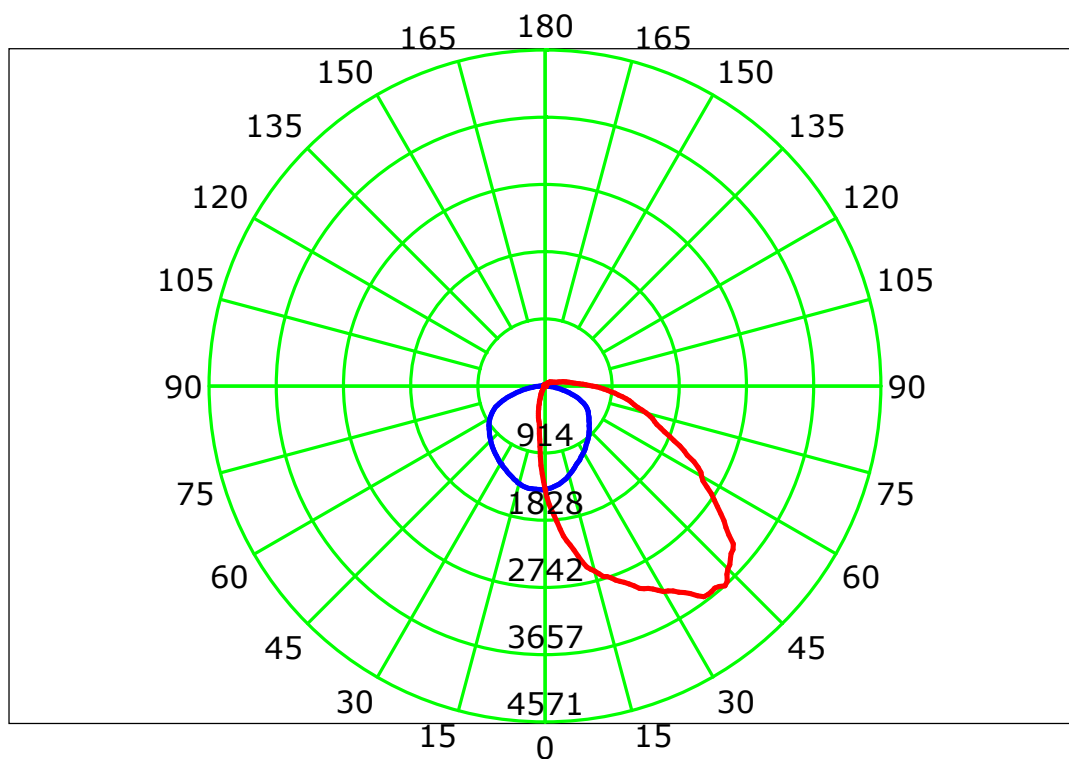
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

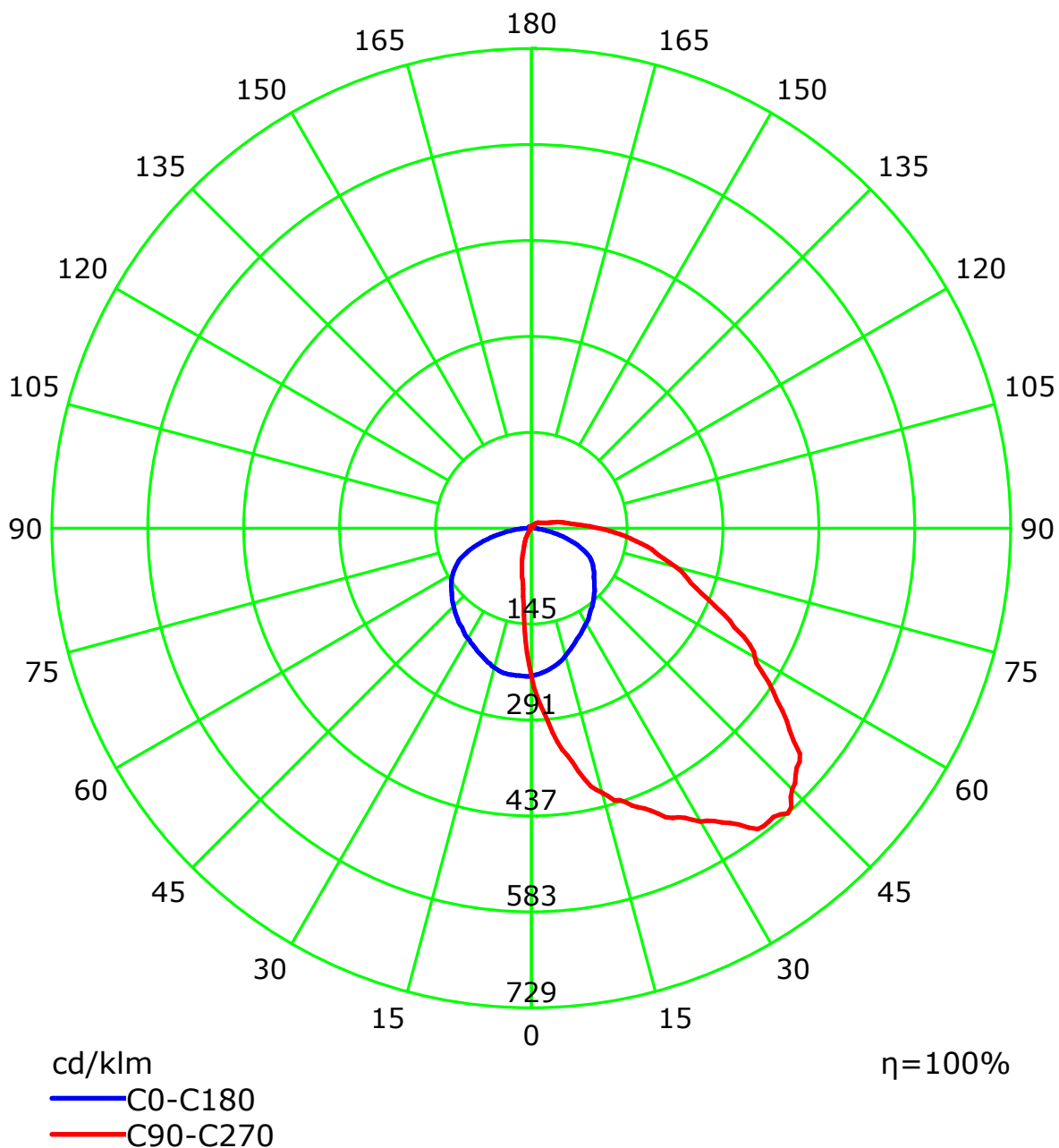
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

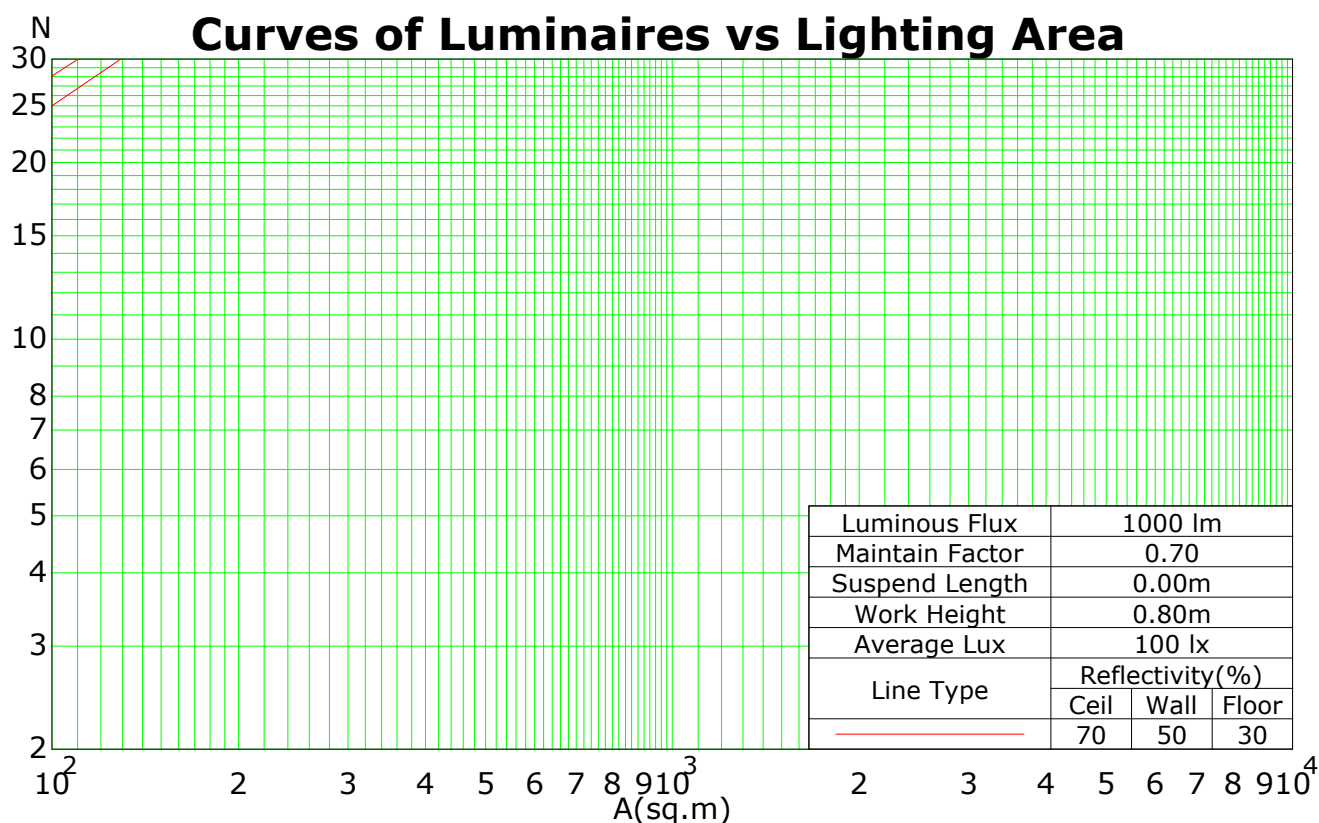
Coefficients Of Utilization - Zonal Cavity Method

| | | | | | | | | | | | | | | | | | | |
|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 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 | 118 | 118 | 118 | 118 | 114 | 114 | 114 | 114 | 108 | 108 | 108 | 102 | 102 | 102 | 96 | 96 | 96 | 94 |
| 1 | 105 | 99 | 94 | 89 | 102 | 96 | 92 | 87 | 91 | 87 | 83 | 86 | 83 | 80 | 81 | 79 | 76 | 74 |
| 2 | 94 | 85 | 77 | 70 | 91 | 82 | 75 | 69 | 78 | 72 | 67 | 73 | 68 | 64 | 69 | 65 | 62 | 59 |
| 3 | 85 | 73 | 64 | 57 | 82 | 71 | 63 | 56 | 67 | 60 | 54 | 64 | 58 | 52 | 60 | 55 | 51 | 48 |
| 4 | 77 | 64 | 55 | 47 | 74 | 62 | 53 | 47 | 59 | 51 | 45 | 56 | 49 | 44 | 53 | 47 | 43 | 40 |
| 5 | 71 | 57 | 47 | 40 | 68 | 55 | 46 | 39 | 52 | 44 | 38 | 50 | 43 | 37 | 47 | 41 | 36 | 34 |
| 6 | 65 | 51 | 41 | 34 | 63 | 49 | 40 | 34 | 47 | 39 | 33 | 45 | 38 | 32 | 42 | 36 | 31 | 29 |
| 7 | 60 | 46 | 36 | 30 | 58 | 44 | 36 | 29 | 42 | 34 | 29 | 40 | 33 | 28 | 38 | 32 | 27 | 25 |
| 8 | 56 | 41 | 32 | 26 | 54 | 40 | 32 | 26 | 38 | 31 | 25 | 37 | 30 | 25 | 35 | 29 | 24 | 22 |
| 9 | 52 | 38 | 29 | 23 | 50 | 37 | 29 | 23 | 35 | 28 | 23 | 34 | 27 | 22 | 32 | 26 | 22 | 20 |
| 10 | 48 | 35 | 26 | 21 | 47 | 34 | 26 | 21 | 32 | 25 | 20 | 31 | 24 | 20 | 30 | 24 | 19 | 18 |

Spacing Criteria (0-180): 1.21

Spacing Criteria (90-270): 1.88

Spacing Criteria (Diagonal): 1.63



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

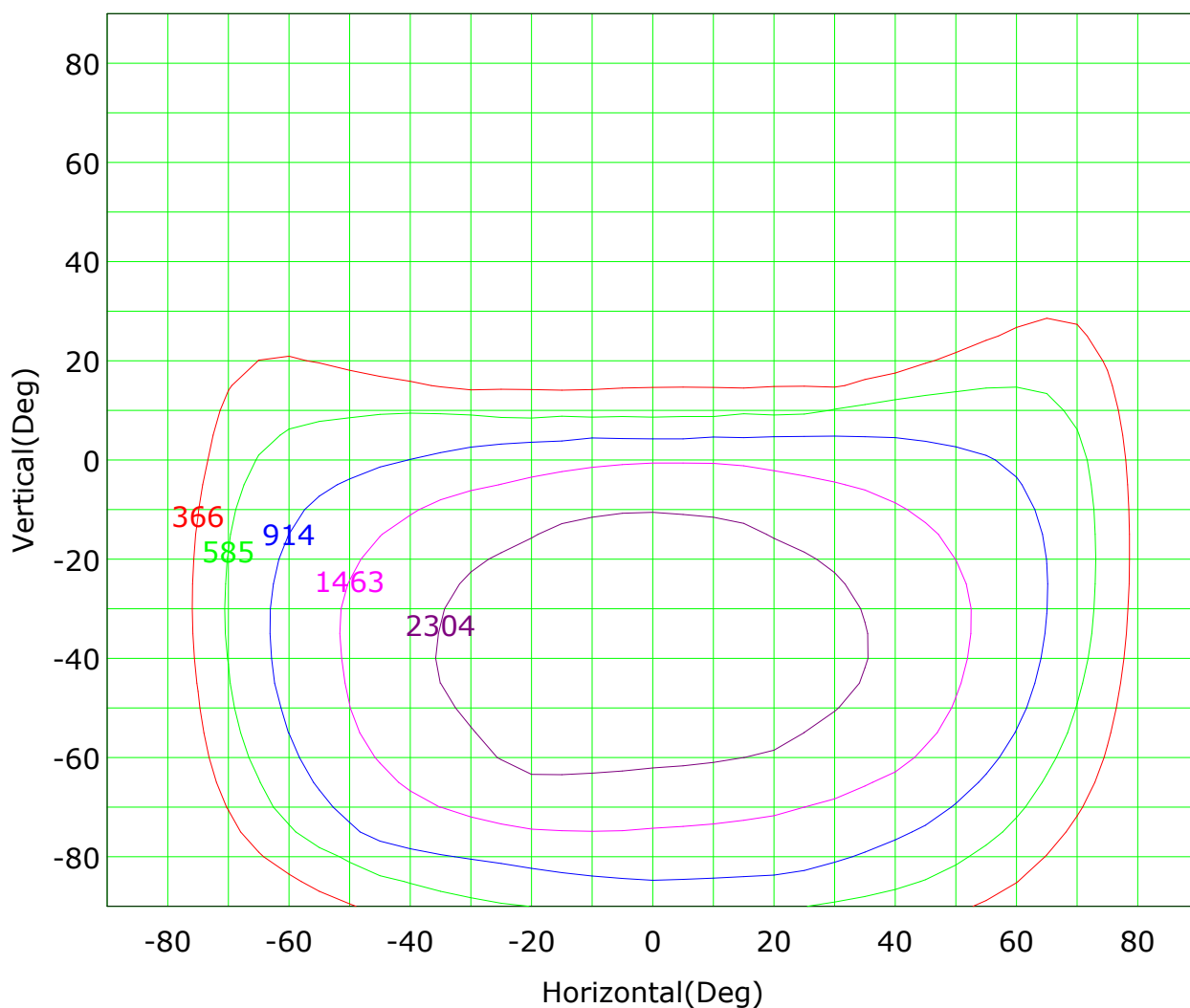
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 3657 cd

| | |
|-----------------|-----------------|
| (10%): 366 cd | (16%): 585 cd |
| (25%): 914 cd | (40%): 1463 cd |
| (63%): 2304 cd | (100%): 3657 cd |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

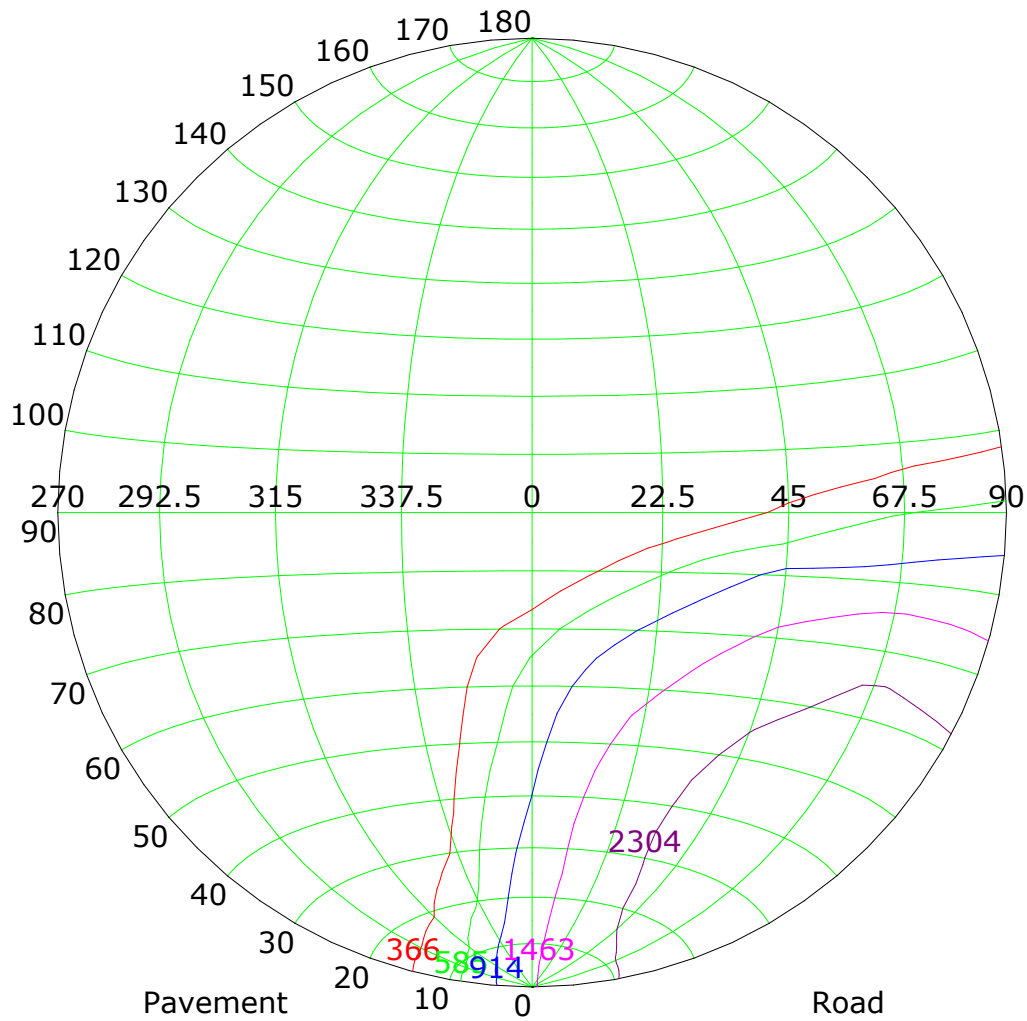
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 3657 cd

| | |
|-----------------|-----------------|
| (10%): 366 cd | (16%): 585 cd |
| (25%): 914 cd | (40%): 1463 cd |
| (63%): 2304 cd | (100%): 3657 cd |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

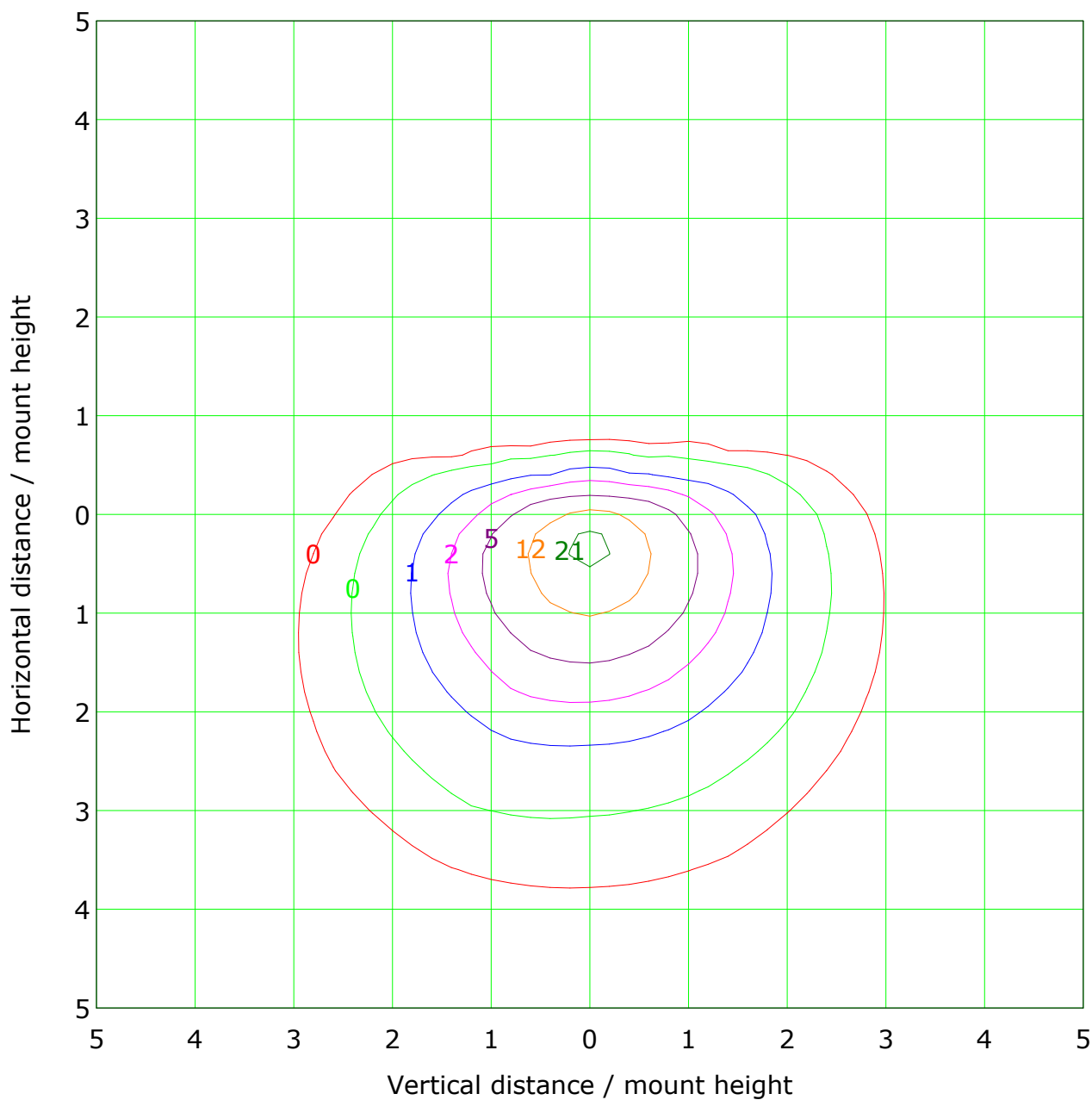
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

IsoLux Plot



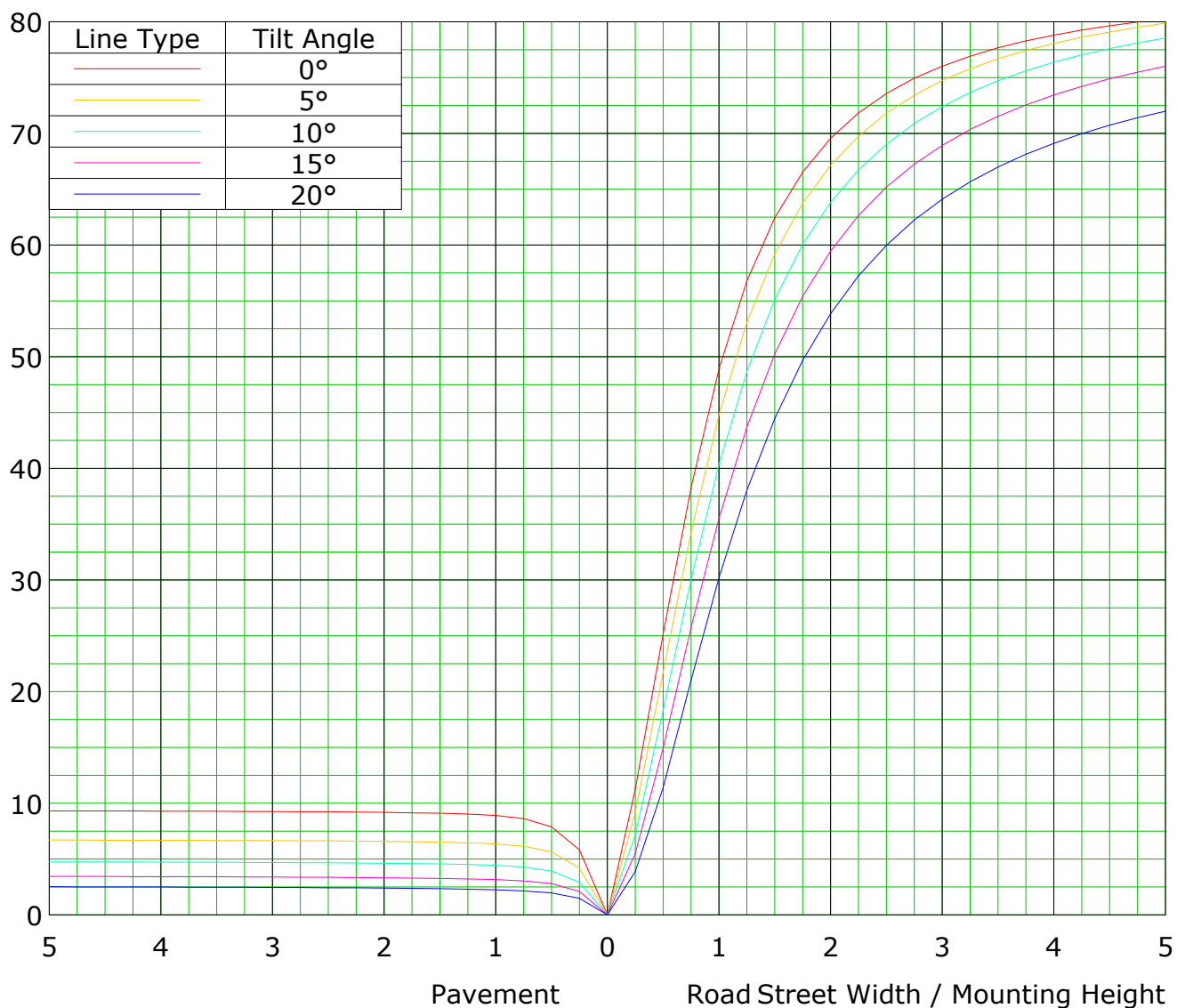
| | |
|--|-----------------|
| Mounting Height: 10.0m Max Lux(100%): 23.7 lx | |
| (1%): 0.2 lx | (2%): 0.5 lx |
| (5%): 1.2 lx | (10%): 2.4 lx |
| (20%): 4.7 lx | (50%): 11.9 lx |
| (90%): 21.3 lx | (100%): 23.7 lx |

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Roadway CU Curve

Efficiency(%)



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

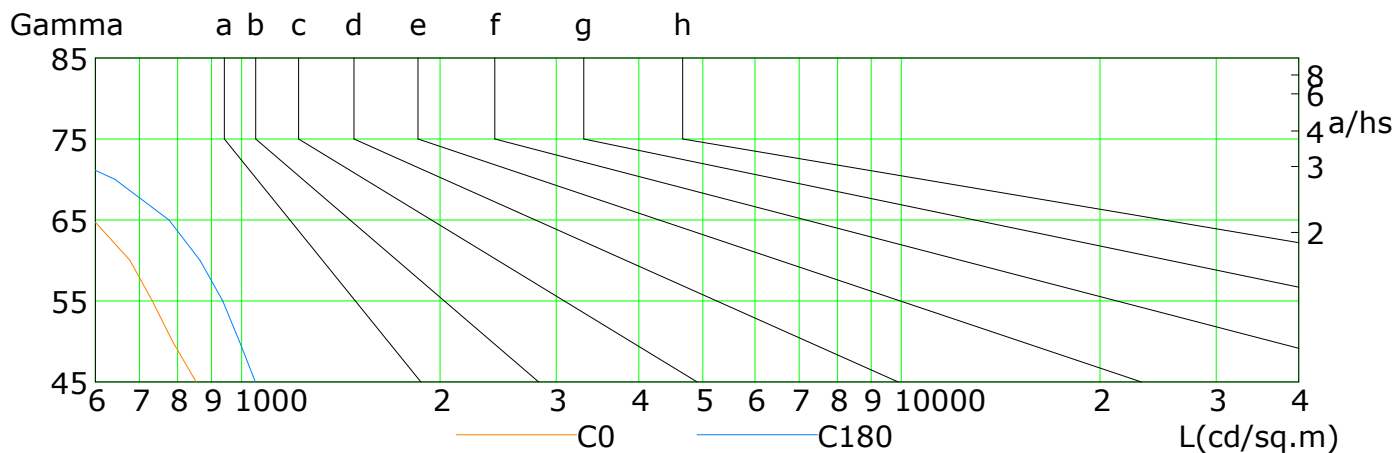
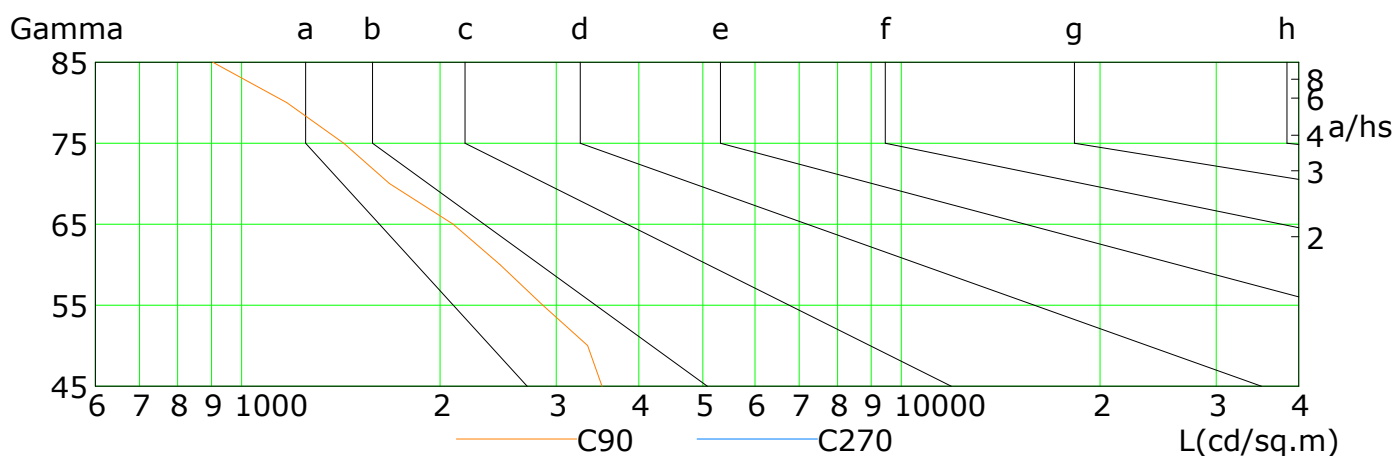
Humidity:

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 | 853 | 786 | 732 | 677 | 595 | 469 | 314 | 169 | 69 |
| C90 | 3519 | 3344 | 2860 | 2463 | 2092 | 1675 | 1428 | 1171 | 904 |
| C180 | 1050 | 992 | 936 | 865 | 776 | 643 | 473 | 299 | 148 |
| C270 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 5 | 6 |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

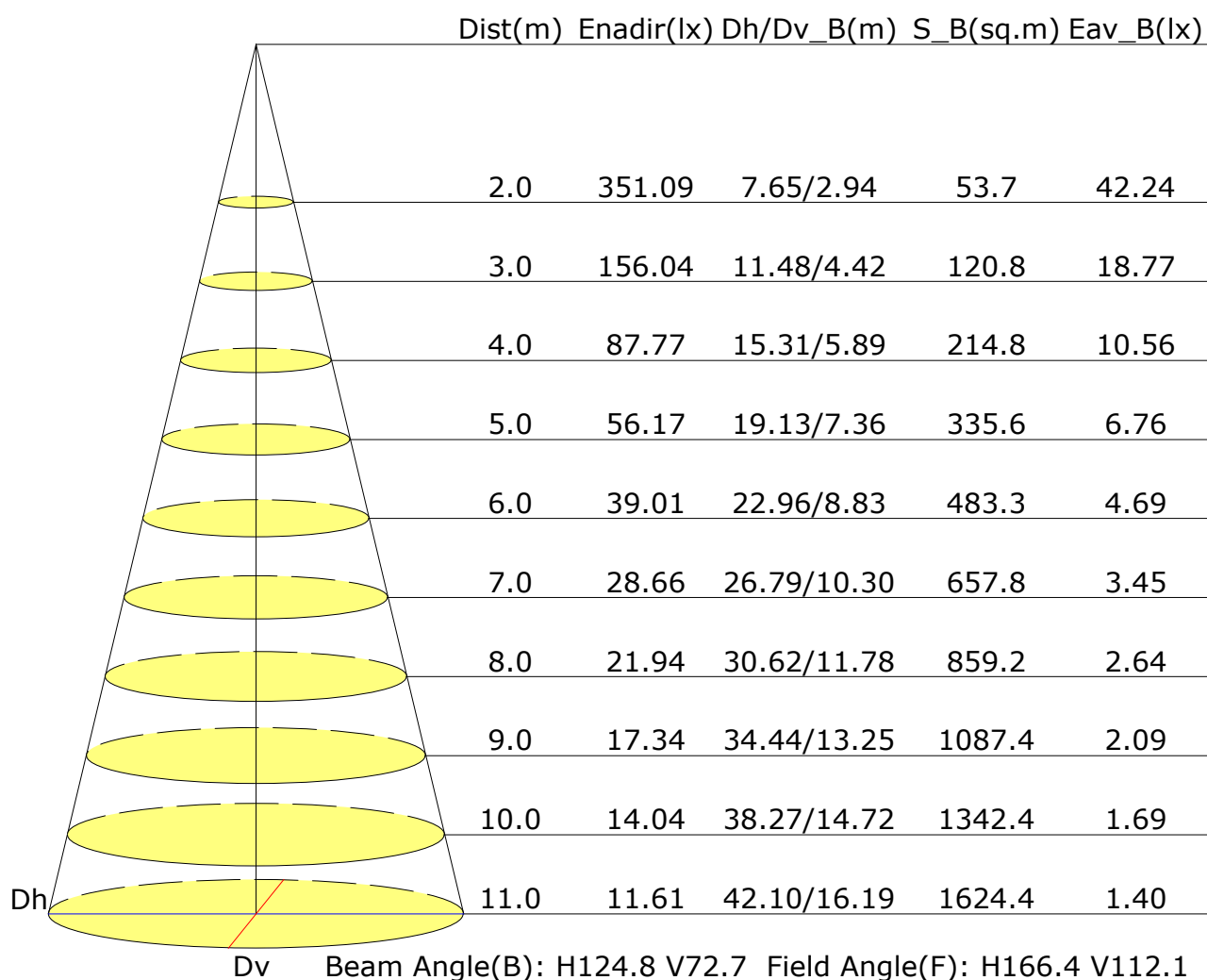
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

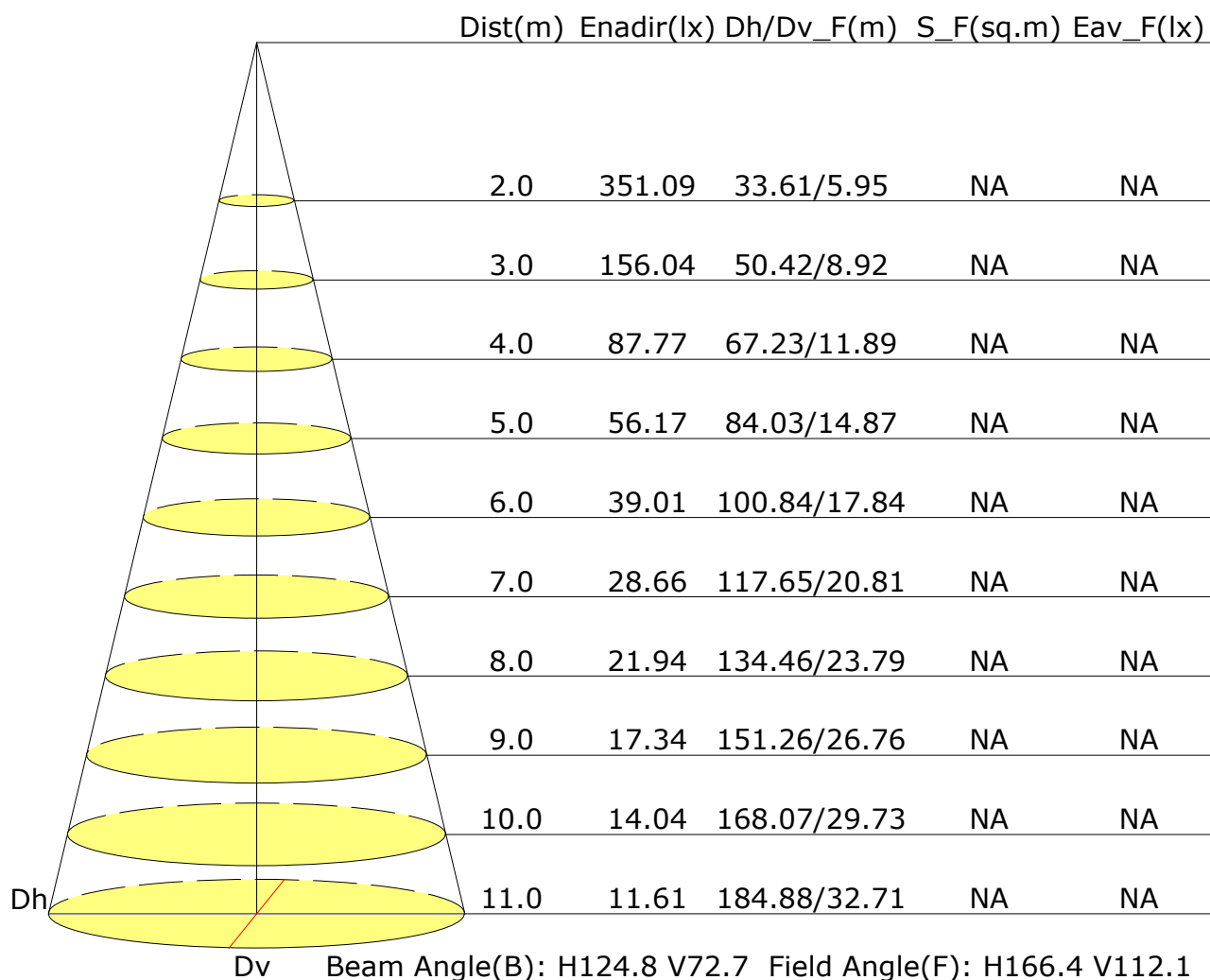
Illuminance at a Distance(Beam Angle)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

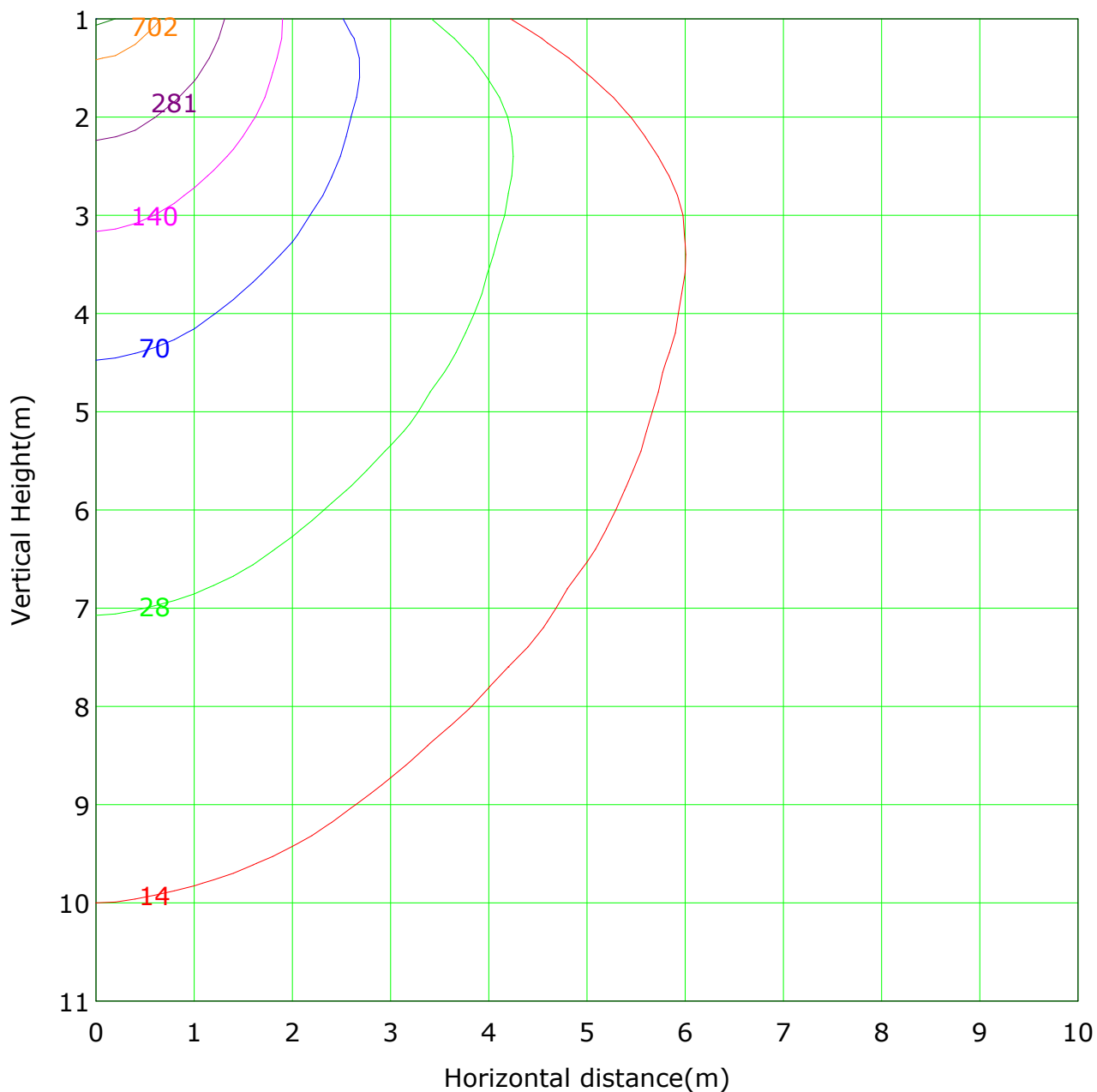
Illuminance at a Distance(Field Angle)



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 Humidity:
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1404.3 lx

| | |
|-------------------|-------------------|
| (1%): 14.0 lx | (2%): 28.1 lx |
| (5%): 70.2 lx | (10%): 140.4 lx |
| (20%): 280.9 lx | (50%): 702.2 lx |
| (90%): 1263.9 lx | (100%): 1404.3 lx |

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Area Flux Table

Unit: lm

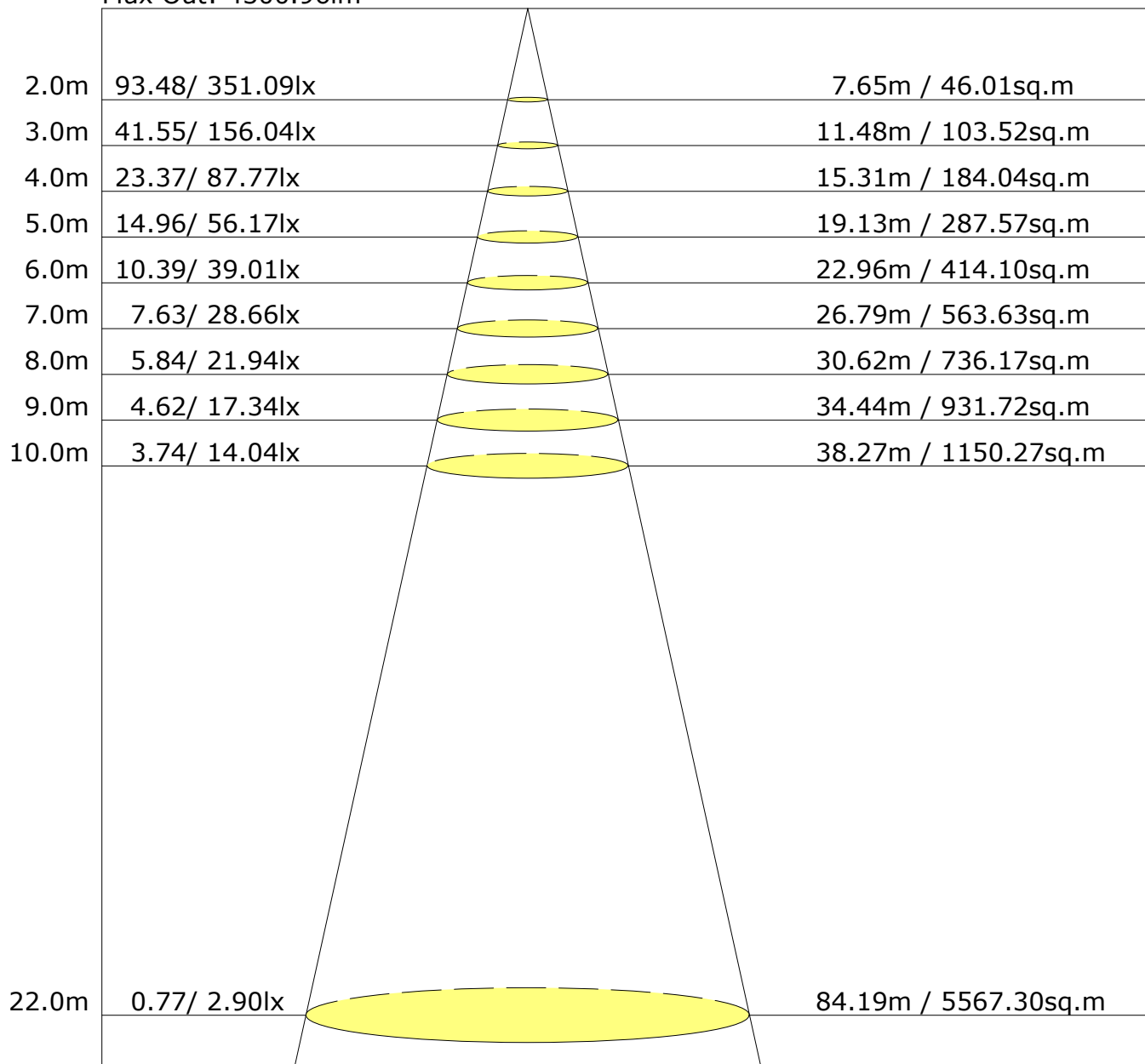
| Vertical plane | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | Flux(T) | Flux(E) |
|------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-----|-------|---------|---------|
| | 0.1 | 0.4 | 0.5 | 0.5 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.4 | 0.4 | 0.3 | 0.1 | 4.8 | 0.0 | |
| | 0.2 | 0.6 | 0.7 | 0.6 | 0.4 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.5 | 0.5 | 0.3 | 0.1 | 5.2 | 0.0 | |
| | 0.2 | 0.8 | 0.9 | 0.8 | 0.5 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.4 | 0.7 | 0.7 | 0.5 | 0.1 | 6.5 | 0.0 | |
| | 0.3 | 1.1 | 1.3 | 1.2 | 0.8 | 0.3 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.6 | 0.9 | 1.0 | 0.7 | 0.1 | 9.1 | 0.0 | |
| | 0.3 | 1.5 | 2.2 | 1.7 | 1.5 | 0.6 | 0.4 | 0.2 | 0.2 | 0.2 | 0.1 | 0.3 | 0.5 | 1.2 | 1.3 | 1.6 | 1.0 | 0.2 | 14.9 | 0.0 | |
| | 0.4 | 2.0 | 3.5 | 2.9 | 2.6 | 2.2 | 1.7 | 1.7 | 1.8 | 1.8 | 1.6 | 1.5 | 1.8 | 2.1 | 2.3 | 2.6 | 1.3 | 0.2 | 34.1 | 0.0 | |
| | 0.4 | 2.6 | 5.2 | 6.0 | 4.9 | 4.9 | 4.6 | 4.7 | 4.8 | 4.7 | 4.4 | 4.2 | 4.3 | 4.0 | 4.7 | 3.9 | 1.7 | 0.2 | 70.2 | 8.3 | |
| | 0.5 | 3.1 | 7.1 | 9.9 | 11.0 | 10.4 | 10.1 | 10.6 | 10.9 | 10.8 | 10.2 | 9.5 | 9.2 | 8.9 | 7.8 | 5.4 | 2.1 | 0.2 | 137.9 | 94.8 | |
| | 0.5 | 3.6 | 9.0 | 14.2 | 18.7 | 22.4 | 24.6 | 26.3 | 26.9 | 26.7 | 24.7 | 22.0 | 19.2 | 15.2 | 11.1 | 6.9 | 2.5 | 0.3 | 274.9 | 272.2 | |
| | 0.5 | 4.0 | 10.6 | 18.1 | 26.4 | 35.1 | 43.3 | 51.0 | 55.2 | 55.4 | 49.4 | 40.7 | 32.0 | 22.9 | 15.0 | 8.4 | 2.8 | 0.3 | 471.0 | 468.6 | |
| | 0.6 | 4.2 | 11.5 | 21.2 | 33.0 | 46.3 | 58.8 | 70.7 | 77.4 | 77.8 | 70.9 | 58.4 | 45.4 | 31.1 | 19.0 | 9.8 | 3.2 | 0.3 | 639.5 | 637.5 | |
| | 0.6 | 4.2 | 12.0 | 23.2 | 37.7 | 54.0 | 70.4 | 83.6 | 90.6 | 90.8 | 84.0 | 70.7 | 53.9 | 36.9 | 21.7 | 10.6 | 3.3 | 0.3 | 748.5 | 746.6 | |
| | 0.5 | 4.0 | 11.7 | 23.6 | 39.4 | 57.9 | 76.7 | 92.7 | 101.8 | 101.9 | 93.3 | 77.4 | 57.9 | 39.0 | 22.6 | 10.8 | 3.3 | 0.4 | 814.9 | 812.9 | |
| | 0.5 | 3.6 | 10.8 | 22.3 | 37.7 | 56.1 | 74.8 | 92.2 | 103.3 | 104.2 | 95.1 | 77.3 | 57.1 | 37.7 | 22.1 | 10.3 | 3.1 | 0.3 | 808.7 | 806.4 | |
| | 0.5 | 3.1 | 9.3 | 19.4 | 33.3 | 48.6 | 63.8 | 77.0 | 85.0 | 86.7 | 82.3 | 68.9 | 51.3 | 34.8 | 20.1 | 9.2 | 2.8 | 0.3 | 696.2 | 693.4 | |
| | 0.4 | 2.6 | 7.4 | 15.4 | 26.0 | 37.7 | 49.3 | 58.0 | 62.4 | 64.6 | 64.2 | 56.3 | 42.5 | 29.0 | 16.7 | 7.6 | 2.4 | 0.3 | 542.8 | 538.9 | |
| | 0.3 | 2.1 | 5.6 | 11.3 | 18.8 | 26.7 | 34.4 | 39.6 | 42.4 | 43.4 | 42.2 | 37.2 | 29.3 | 21.3 | 12.2 | 5.6 | 1.8 | 0.3 | 374.5 | 368.4 | |
| | 0.3 | 1.6 | 4.0 | 7.7 | 12.4 | 17.4 | 22.3 | 25.5 | 27.1 | 26.7 | 24.4 | 21.0 | 16.5 | 11.7 | 7.2 | 3.6 | 1.3 | 0.2 | 230.8 | 218.4 | |
| Flux(T) | 7.1 | 45.0 | 113.4 | 200.1 | 305.5 | 421.4 | 535.9 | 634.2 | 690.2 | 695.9 | 647.2 | 546.1 | 421.6 | 297.3 | 186.1 | 98.8 | 34.3 | 4.3 | 5884 | | |
| Flux(E) | 0.0 | 27.6 | 99.3 | 188.4 | 294.0 | 409.3 | 524.2 | 622.5 | 678.6 | 683.9 | 635.6 | 534.3 | 410.4 | 286.3 | 173.3 | 84.1 | 14.7 | 0.0 | | 5666 | |
| Horizontal plane | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | Flux(T) | Flux(E) |

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 Humidity:
 Inspector:

C Plane (°): 0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

The Average Illuminance Effective Figure

Flux Out: 4300.96lm



Height

Avg./Nadir. E

Beam Angle: 124.8°

Diameter / Area

C Plane (°): 0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°): 0.0-180.0: 1.0

Test Device: GPM-1800B

Distance: 8.190 m

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 | -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 | -1.\$/-1.\$ | | | | | -1.\$/-1.\$ | | | | |
| S=1.5H | -1.\$/-1.\$ | | | | | -1.\$/-1.\$ | | | | |
| S=2.0H | -1.\$/-1.\$ | | | | | -1.\$/-1.\$ | | | | |

Calculate in accordance with CIE Pub.117. The table is revised with 6269lm ($8\log(F/F_0) = 6.4$).

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

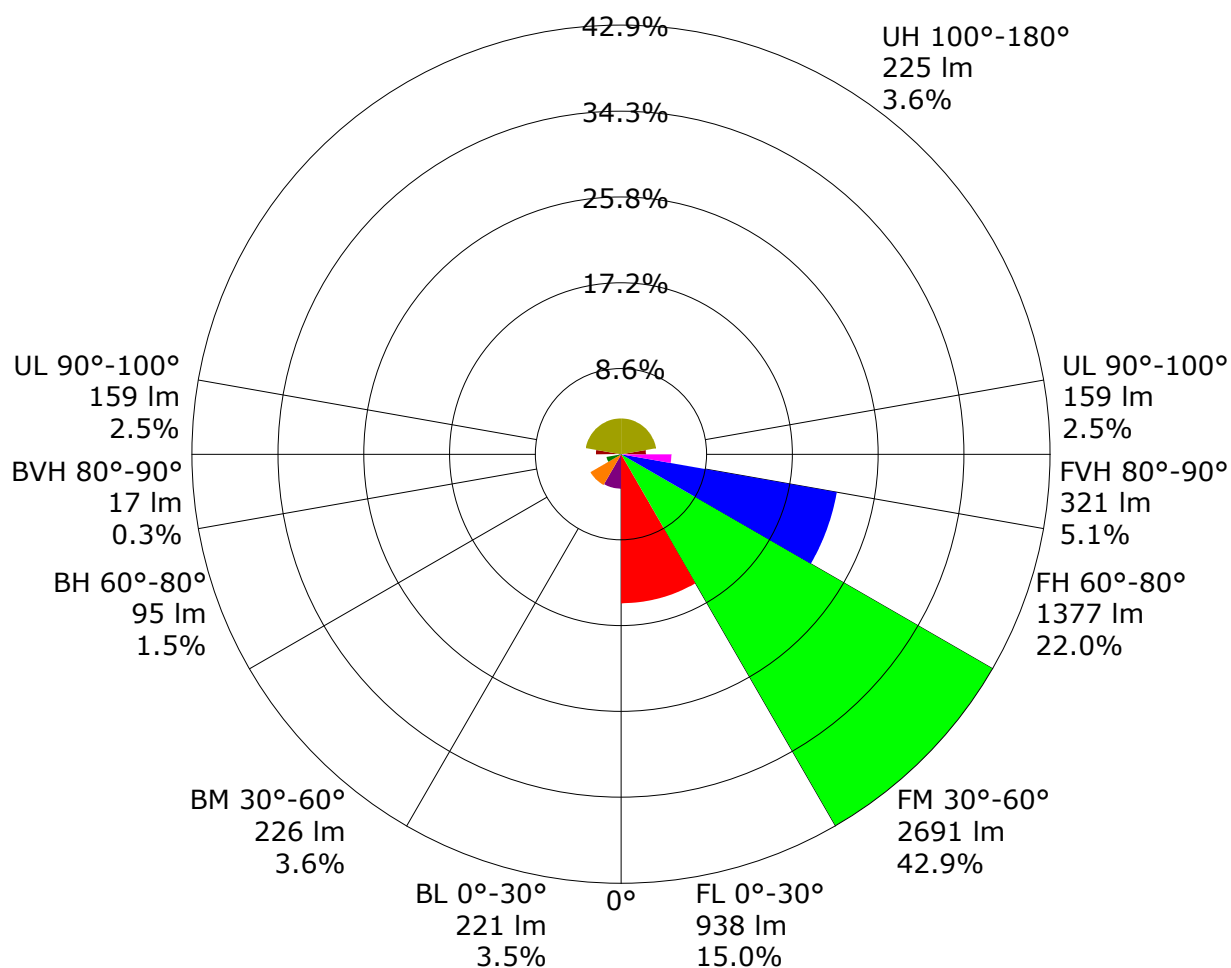
| | ZONE | LUMENS | % LAMP LUMENS |
|--|----------------|--------|---------------|
| | FORWARD LIGHT | 5327 | 85.0 |
| | FL (0°-30°) | 938 | 15.0 |
| | FM (30°-60°) | 2691 | 42.9 |
| | FH (60°-80°) | 1377 | 22.0 |
| | FVH (80°-90°) | 321 | 5.1 |
| | BACK LIGHT | 558 | 8.9 |
| | BL (0°-30°) | 221 | 3.5 |
| | BM (30°-60°) | 226 | 3.6 |
| | BH (60°-80°) | 95 | 1.5 |
| | BVH (80°-90°) | 17 | 0.3 |
| | UP LIGHT | 384 | 6.1 |
| | UL (90°-100°) | 159 | 2.5 |
| | UH (100°-180°) | 225 | 3.6 |
| | TRAPPED LIGHT | NA | NA |

| BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07 | |
|--|----------|
| Asymmetrical Luminaire Types (Type I,II,III,IV) | B1 U5 G2 |
| Quadrilateral Symmetrical Luminaire Types (Type V,Area Light) | B1 U5 G2 |

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

LCS Graph



Back Light

Forward Light

Scale= MAX LCS%

Trapped Light:NA,NA

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Utilisation Factor Table(Floor cavity)

| Utilisation Factors UF(F) | | | SHR NOM = 1.75 | | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| Room Reflectance | | | Room Index(RI) | | | | | | | | | |
| Ceiling | Wall | Floor | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | |
| 0.70 | 0.50 | 0.20 | NA | 0.62 | 0.69 | 0.74 | 0.82 | 0.87 | 0.90 | 0.95 | 0.98 | |
| | 0.30 | | NA | 0.53 | 0.61 | 0.67 | 0.75 | 0.80 | 0.85 | 0.90 | 0.94 | |
| | 0.20 | | NA | 0.47 | 0.55 | 0.61 | 0.69 | 0.75 | 0.80 | 0.86 | 0.90 | |
| 0.50 | 0.50 | 0.20 | NA | 0.59 | 0.66 | 0.71 | 0.78 | 0.82 | 0.86 | 0.90 | 0.93 | |
| | 0.30 | | NA | 0.52 | 0.59 | 0.64 | 0.72 | 0.77 | 0.81 | 0.86 | 0.90 | |
| | 0.20 | | NA | 0.46 | 0.53 | 0.59 | 0.67 | 0.72 | 0.77 | 0.83 | 0.86 | |
| 0.30 | 0.50 | 0.20 | NA | 0.56 | 0.62 | 0.67 | 0.74 | 0.78 | 0.81 | 0.85 | 0.88 | |
| | 0.30 | | NA | 0.50 | 0.57 | 0.62 | 0.69 | 0.74 | 0.77 | 0.82 | 0.85 | |
| | 0.20 | | NA | 0.45 | 0.52 | 0.57 | 0.65 | 0.70 | 0.74 | 0.79 | 0.83 | |
| 0.00 | 0.00 | 0.00 | NA | 0.42 | 0.48 | 0.53 | 0.60 | 0.65 | 0.68 | 0.73 | 0.77 | |
| Rating:50W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980 | | | | | | | | | | | | |

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 Humidity:
 Inspector:

Utilisation Factor Table(Wall)

| Utilisation Factors UF(W) | | | SHR NOM = 1.75 | | | | | | | | | |
|--|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| Room Reflectance | | | Room Index(RI) | | | | | | | | | |
| Ceiling | Wall | Floor | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | |
| 0.70 | 0.50 | 0.20 | NA | 0.87 | 0.75 | 0.66 | 0.54 | 0.45 | 0.39 | 0.31 | 0.26 | |
| | 0.30 | | NA | 0.75 | 0.66 | 0.59 | 0.49 | 0.42 | 0.37 | 0.29 | 0.25 | |
| | 0.20 | | NA | 0.65 | 0.58 | 0.53 | 0.44 | 0.39 | 0.34 | 0.28 | 0.24 | |
| 0.50 | 0.50 | 0.20 | NA | 0.83 | 0.72 | 0.63 | 0.51 | 0.46 | 0.37 | 0.30 | 0.25 | |
| | 0.30 | | NA | 0.72 | 0.63 | 0.56 | 0.47 | 0.40 | 0.35 | 0.28 | 0.24 | |
| | 0.20 | | NA | 0.64 | 0.57 | 0.51 | 0.43 | 0.37 | 0.33 | 0.27 | 0.23 | |
| 0.30 | 0.50 | 0.20 | NA | 0.79 | 0.68 | 0.60 | 0.48 | 0.41 | 0.35 | 0.28 | 0.23 | |
| | 0.30 | | NA | 0.70 | 0.61 | 0.54 | 0.45 | 0.38 | 0.33 | 0.27 | 0.23 | |
| | 0.20 | | NA | 0.62 | 0.55 | 0.50 | 0.42 | 0.36 | 0.32 | 0.26 | 0.22 | |
| 0.00 | 0.00 | 0.00 | 0.94 | 0.52 | 0.46 | 0.41 | 0.34 | 0.29 | 0.26 | 0.21 | 0.17 | |
| <p>Rating:50W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p> | | | | | | | | | | | | |

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Utilisation Factor Table(Ceiling cavity)

| Utilisation Factors UF(C) | | | SHR NOM = 1.75 | | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| Room Reflectance | | | Room Index(RI) | | | | | | | | | |
| Ceiling | Wall | Floor | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | |
| 0.70 | 0.50 | 0.20 | NA | 0.24 | 0.25 | 0.25 | 0.26 | 0.27 | 0.27 | 0.28 | 0.28 | |
| | 0.30 | | NA | 0.17 | 0.18 | 0.19 | 0.21 | 0.22 | 0.23 | 0.24 | 0.25 | |
| | 0.20 | | NA | 0.12 | 0.13 | 0.14 | 0.16 | 0.18 | 0.19 | 0.21 | 0.22 | |
| 0.50 | 0.50 | 0.20 | NA | 0.23 | 0.24 | 0.24 | 0.25 | 0.26 | 0.26 | 0.26 | 0.27 | |
| | 0.30 | | NA | 0.17 | 0.18 | 0.19 | 0.20 | 0.21 | 0.22 | 0.23 | 0.24 | |
| | 0.20 | | NA | 0.12 | 0.13 | 0.14 | 0.16 | 0.17 | 0.19 | 0.20 | 0.21 | |
| 0.30 | 0.50 | 0.20 | NA | 0.22 | 0.23 | 0.23 | 0.24 | 0.25 | 0.25 | 0.25 | 0.26 | |
| | 0.30 | | NA | 0.16 | 0.17 | 0.18 | 0.20 | 0.21 | 0.21 | 0.22 | 0.23 | |
| | 0.20 | | NA | 0.12 | 0.13 | 0.14 | 0.16 | 0.17 | 0.18 | 0.20 | 0.21 | |
| 0.00 | 0.00 | 0.00 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | |
| Rating:50W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980 | | | | | | | | | | | | |

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 Humidity:
 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 | 1404.2 | 1.3 | 1.3 | 0.02 | 0.02 |
| 1.0-2.0 | 1401.2 | 4.0 | 5.4 | 0.06 | 0.09 |
| 2.0-3.0 | 1394.5 | 6.7 | 12.0 | 0.11 | 0.19 |
| 3.0-4.0 | 1384.8 | 9.3 | 21.3 | 0.15 | 0.34 |
| 4.0-5.0 | 1372.4 | 11.8 | 33.1 | 0.19 | 0.53 |
| 5.0-6.0 | 1361.0 | 14.3 | 47.4 | 0.23 | 0.76 |
| 6.0-7.0 | 1353.9 | 16.8 | 64.2 | 0.27 | 1.02 |
| 7.0-8.0 | 1350.2 | 19.3 | 83.6 | 0.31 | 1.33 |
| 8.0-9.0 | 1347.4 | 21.8 | 105.4 | 0.35 | 1.68 |
| 9.0-10.0 | 1346.3 | 24.4 | 129.8 | 0.39 | 2.07 |
| 10.0-11.0 | 1350.1 | 27.0 | 156.7 | 0.43 | 2.50 |
| 11.0-12.0 | 1356.2 | 29.7 | 186.4 | 0.47 | 2.97 |
| 12.0-13.0 | 1362.1 | 32.3 | 218.7 | 0.52 | 3.49 |
| 13.0-14.0 | 1367.4 | 35.0 | 253.7 | 0.56 | 4.05 |
| 14.0-15.0 | 1371.5 | 37.7 | 291.4 | 0.60 | 4.65 |
| 15.0-16.0 | 1375.9 | 40.3 | 331.7 | 0.64 | 5.29 |
| 16.0-17.0 | 1380.4 | 43.0 | 374.7 | 0.69 | 5.98 |
| 17.0-18.0 | 1382.6 | 45.6 | 420.3 | 0.73 | 6.70 |
| 18.0-19.0 | 1381.5 | 48.1 | 468.4 | 0.77 | 7.47 |
| 19.0-20.0 | 1379.4 | 50.5 | 518.9 | 0.81 | 8.28 |
| 20.0-21.0 | 1378.5 | 52.9 | 571.8 | 0.84 | 9.12 |
| 21.0-22.0 | 1379.2 | 55.4 | 627.2 | 0.88 | 10.01 |
| 22.0-23.0 | 1379.6 | 57.9 | 685.1 | 0.92 | 10.93 |
| 23.0-24.0 | 1378.2 | 60.3 | 745.4 | 0.96 | 11.89 |
| 24.0-25.0 | 1377.5 | 62.6 | 808.0 | 1.00 | 12.89 |
| 25.0-26.0 | 1378.4 | 65.1 | 873.1 | 1.04 | 13.93 |
| 26.0-27.0 | 1381.2 | 67.6 | 940.7 | 1.08 | 15.01 |
| 27.0-28.0 | 1385.2 | 70.1 | 1010.8 | 1.12 | 16.12 |
| 28.0-29.0 | 1388.8 | 72.7 | 1083.5 | 1.16 | 17.28 |
| 29.0-30.0 | 1391.3 | 75.1 | 1158.6 | 1.20 | 18.48 |
| 30.0-31.0 | 1391.6 | 77.5 | 1236.1 | 1.24 | 19.72 |
| 31.0-32.0 | 1390.6 | 79.7 | 1315.8 | 1.27 | 20.99 |
| 32.0-33.0 | 1390.5 | 81.9 | 1397.7 | 1.31 | 22.30 |
| 33.0-34.0 | 1391.2 | 84.2 | 1481.9 | 1.34 | 23.64 |
| 34.0-35.0 | 1391.9 | 86.5 | 1568.3 | 1.38 | 25.02 |
| 35.0-36.0 | 1395.0 | 88.8 | 1657.2 | 1.42 | 26.43 |

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 1)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 36.0-37.0 | 1399.0 | 91.3 | 1748.4 | 1.46 | 27.89 |
| 37.0-38.0 | 1399.1 | 93.4 | 1841.8 | 1.49 | 29.38 |
| 38.0-39.0 | 1394.6 | 95.2 | 1937.0 | 1.52 | 30.90 |
| 39.0-40.0 | 1386.7 | 96.7 | 2033.8 | 1.54 | 32.44 |
| 40.0-41.0 | 1379.1 | 98.2 | 2132.0 | 1.57 | 34.01 |
| 41.0-42.0 | 1374.3 | 99.9 | 2231.8 | 1.59 | 35.60 |
| 42.0-43.0 | 1368.4 | 101.4 | 2333.2 | 1.62 | 37.22 |
| 43.0-44.0 | 1357.1 | 102.4 | 2435.7 | 1.63 | 38.85 |
| 44.0-45.0 | 1342.6 | 103.2 | 2538.9 | 1.65 | 40.50 |
| 45.0-46.0 | 1327.4 | 103.8 | 2642.7 | 1.66 | 42.16 |
| 46.0-47.0 | 1312.0 | 104.4 | 2747.0 | 1.66 | 43.82 |
| 47.0-48.0 | 1295.7 | 104.8 | 2851.8 | 1.67 | 45.49 |
| 48.0-49.0 | 1279.4 | 105.1 | 2956.9 | 1.68 | 47.17 |
| 49.0-50.0 | 1262.9 | 105.3 | 3062.2 | 1.68 | 48.85 |
| 50.0-51.0 | 1242.9 | 105.2 | 3167.4 | 1.68 | 50.52 |
| 51.0-52.0 | 1220.6 | 104.8 | 3272.1 | 1.67 | 52.20 |
| 52.0-53.0 | 1197.8 | 104.2 | 3376.3 | 1.66 | 53.86 |
| 53.0-54.0 | 1174.1 | 103.5 | 3479.8 | 1.65 | 55.51 |
| 54.0-55.0 | 1148.4 | 102.5 | 3582.4 | 1.64 | 57.14 |
| 55.0-56.0 | 1121.2 | 101.3 | 3683.7 | 1.62 | 58.76 |
| 56.0-57.0 | 1094.1 | 100.0 | 3783.7 | 1.60 | 60.36 |
| 57.0-58.0 | 1066.6 | 98.7 | 3882.4 | 1.57 | 61.93 |
| 58.0-59.0 | 1039.6 | 97.2 | 3979.6 | 1.55 | 63.48 |
| 59.0-60.0 | 1014.7 | 95.9 | 4075.4 | 1.53 | 65.01 |
| 60.0-61.0 | 991.9 | 94.7 | 4170.1 | 1.51 | 66.52 |
| 61.0-62.0 | 969.5 | 93.4 | 4263.6 | 1.49 | 68.01 |
| 62.0-63.0 | 946.8 | 92.1 | 4355.7 | 1.47 | 69.48 |
| 63.0-64.0 | 921.5 | 90.4 | 4446.1 | 1.44 | 70.92 |
| 64.0-65.0 | 894.3 | 88.5 | 4534.6 | 1.41 | 72.33 |
| 65.0-66.0 | 866.3 | 86.4 | 4621.1 | 1.38 | 73.71 |
| 66.0-67.0 | 835.3 | 84.0 | 4705.1 | 1.34 | 75.05 |
| 67.0-68.0 | 802.6 | 81.3 | 4786.4 | 1.30 | 76.35 |
| 68.0-69.0 | 769.3 | 78.5 | 4864.9 | 1.25 | 77.60 |
| 69.0-70.0 | 736.8 | 75.7 | 4940.6 | 1.21 | 78.81 |
| 70.0-71.0 | 705.8 | 73.0 | 5013.5 | 1.16 | 79.97 |
| 71.0-72.0 | 676.7 | 70.4 | 5083.9 | 1.12 | 81.10 |

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 Humidity:
 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 | 650.3 | 68.0 | 5151.9 | 1.08 | 82.18 |
| 73.0-74.0 | 622.8 | 65.5 | 5217.4 | 1.04 | 83.23 |
| 74.0-75.0 | 592.9 | 62.7 | 5280.0 | 1.00 | 84.23 |
| 75.0-76.0 | 561.3 | 59.6 | 5339.6 | 0.95 | 85.18 |
| 76.0-77.0 | 528.5 | 56.3 | 5396.0 | 0.90 | 86.07 |
| 77.0-78.0 | 496.9 | 53.2 | 5449.2 | 0.85 | 86.92 |
| 78.0-79.0 | 468.6 | 50.4 | 5499.5 | 0.80 | 87.73 |
| 79.0-80.0 | 443.2 | 47.8 | 5547.3 | 0.76 | 88.49 |
| 80.0-81.0 | 418.2 | 45.2 | 5592.5 | 0.72 | 89.21 |
| 81.0-82.0 | 391.9 | 42.5 | 5635.1 | 0.68 | 89.89 |
| 82.0-83.0 | 365.2 | 39.7 | 5674.8 | 0.63 | 90.52 |
| 83.0-84.0 | 339.0 | 36.9 | 5711.7 | 0.59 | 91.11 |
| 84.0-85.0 | 315.4 | 34.4 | 5746.1 | 0.55 | 91.66 |
| 85.0-86.0 | 294.4 | 32.2 | 5778.3 | 0.51 | 92.17 |
| 86.0-87.0 | 273.5 | 29.9 | 5808.2 | 0.48 | 92.65 |
| 87.0-88.0 | 252.6 | 27.7 | 5835.9 | 0.44 | 93.09 |
| 88.0-89.0 | 232.7 | 25.5 | 5861.4 | 0.41 | 93.50 |
| 89.0-90.0 | 214.2 | 23.5 | 5884.9 | 0.37 | 93.87 |
| 90.0-91.0 | 198.1 | 21.7 | 5906.6 | 0.35 | 94.22 |
| 91.0-92.0 | 183.8 | 20.1 | 5926.8 | 0.32 | 94.54 |
| 92.0-93.0 | 170.2 | 18.6 | 5945.4 | 0.30 | 94.84 |
| 93.0-94.0 | 157.4 | 17.2 | 5962.6 | 0.27 | 95.11 |
| 94.0-95.0 | 146.0 | 16.0 | 5978.6 | 0.25 | 95.37 |
| 95.0-96.0 | 136.1 | 14.9 | 5993.5 | 0.24 | 95.61 |
| 96.0-97.0 | 127.5 | 13.9 | 6007.4 | 0.22 | 95.83 |
| 97.0-98.0 | 119.6 | 13.0 | 6020.4 | 0.21 | 96.03 |
| 98.0-99.0 | 112.5 | 12.2 | 6032.6 | 0.19 | 96.23 |
| 99.0-100.0 | 105.8 | 11.4 | 6044.0 | 0.18 | 96.41 |
| 100.0-101.0 | 99.3 | 10.7 | 6054.7 | 0.17 | 96.58 |
| 101.0-102.0 | 93.4 | 10.0 | 6064.7 | 0.16 | 96.74 |
| 102.0-103.0 | 87.9 | 9.4 | 6074.2 | 0.15 | 96.89 |
| 103.0-104.0 | 82.7 | 8.8 | 6083.0 | 0.14 | 97.03 |
| 104.0-105.0 | 77.6 | 8.2 | 6091.2 | 0.13 | 97.16 |
| 105.0-106.0 | 72.9 | 7.7 | 6098.9 | 0.12 | 97.29 |
| 106.0-107.0 | 68.6 | 7.2 | 6106.1 | 0.12 | 97.40 |
| 107.0-108.0 | 64.8 | 6.8 | 6112.9 | 0.11 | 97.51 |

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 Humidity:
 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 | 61.7 | 6.4 | 6119.3 | 0.10 | 97.61 |
| 109.0-110.0 | 58.9 | 6.1 | 6125.4 | 0.10 | 97.71 |
| 110.0-111.0 | 56.5 | 5.8 | 6131.2 | 0.09 | 97.80 |
| 111.0-112.0 | 54.4 | 5.5 | 6136.8 | 0.09 | 97.89 |
| 112.0-113.0 | 52.6 | 5.3 | 6142.1 | 0.08 | 97.98 |
| 113.0-114.0 | 51.1 | 5.1 | 6147.2 | 0.08 | 98.06 |
| 114.0-115.0 | 49.7 | 5.0 | 6152.2 | 0.08 | 98.14 |
| 115.0-116.0 | 48.5 | 4.8 | 6157.0 | 0.08 | 98.21 |
| 116.0-117.0 | 47.4 | 4.7 | 6161.6 | 0.07 | 98.29 |
| 117.0-118.0 | 46.3 | 4.5 | 6166.1 | 0.07 | 98.36 |
| 118.0-119.0 | 45.2 | 4.4 | 6170.5 | 0.07 | 98.43 |
| 119.0-120.0 | 44.2 | 4.2 | 6174.7 | 0.07 | 98.50 |
| 120.0-121.0 | 43.2 | 4.1 | 6178.8 | 0.07 | 98.56 |
| 121.0-122.0 | 42.4 | 4.0 | 6182.8 | 0.06 | 98.63 |
| 122.0-123.0 | 41.5 | 3.8 | 6186.6 | 0.06 | 98.69 |
| 123.0-124.0 | 40.7 | 3.7 | 6190.3 | 0.06 | 98.75 |
| 124.0-125.0 | 40.0 | 3.6 | 6193.9 | 0.06 | 98.80 |
| 125.0-126.0 | 39.4 | 3.5 | 6197.5 | 0.06 | 98.86 |
| 126.0-127.0 | 38.8 | 3.4 | 6200.9 | 0.05 | 98.91 |
| 127.0-128.0 | 38.2 | 3.3 | 6204.2 | 0.05 | 98.97 |
| 128.0-129.0 | 37.7 | 3.2 | 6207.4 | 0.05 | 99.02 |
| 129.0-130.0 | 37.2 | 3.1 | 6210.6 | 0.05 | 99.07 |
| 130.0-131.0 | 36.7 | 3.1 | 6213.6 | 0.05 | 99.12 |
| 131.0-132.0 | 36.1 | 3.0 | 6216.6 | 0.05 | 99.17 |
| 132.0-133.0 | 35.6 | 2.9 | 6219.5 | 0.05 | 99.21 |
| 133.0-134.0 | 35.0 | 2.8 | 6222.3 | 0.04 | 99.26 |
| 134.0-135.0 | 34.4 | 2.7 | 6225.0 | 0.04 | 99.30 |
| 135.0-136.0 | 33.6 | 2.6 | 6227.5 | 0.04 | 99.34 |
| 136.0-137.0 | 32.8 | 2.5 | 6230.0 | 0.04 | 99.38 |
| 137.0-138.0 | 31.9 | 2.4 | 6232.4 | 0.04 | 99.42 |
| 138.0-139.0 | 31.0 | 2.3 | 6234.6 | 0.04 | 99.45 |
| 139.0-140.0 | 30.1 | 2.1 | 6236.8 | 0.03 | 99.49 |
| 140.0-141.0 | 29.4 | 2.0 | 6238.8 | 0.03 | 99.52 |
| 141.0-142.0 | 28.7 | 2.0 | 6240.8 | 0.03 | 99.55 |
| 142.0-143.0 | 28.1 | 1.9 | 6242.7 | 0.03 | 99.58 |
| 143.0-144.0 | 27.6 | 1.8 | 6244.5 | 0.03 | 99.61 |

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 Humidity:
 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 | 26.9 | 1.7 | 6246.2 | 0.03 | 99.64 |
| 145.0-146.0 | 26.2 | 1.6 | 6247.8 | 0.03 | 99.66 |
| 146.0-147.0 | 25.5 | 1.5 | 6249.3 | 0.02 | 99.69 |
| 147.0-148.0 | 24.8 | 1.5 | 6250.8 | 0.02 | 99.71 |
| 148.0-149.0 | 24.2 | 1.4 | 6252.2 | 0.02 | 99.73 |
| 149.0-150.0 | 23.7 | 1.3 | 6253.5 | 0.02 | 99.75 |
| 150.0-151.0 | 23.0 | 1.2 | 6254.7 | 0.02 | 99.77 |
| 151.0-152.0 | 22.4 | 1.2 | 6255.9 | 0.02 | 99.79 |
| 152.0-153.0 | 21.8 | 1.1 | 6257.0 | 0.02 | 99.81 |
| 153.0-154.0 | 21.2 | 1.0 | 6258.1 | 0.02 | 99.83 |
| 154.0-155.0 | 20.7 | 1.0 | 6259.0 | 0.02 | 99.84 |
| 155.0-156.0 | 20.3 | 0.9 | 6260.0 | 0.01 | 99.86 |
| 156.0-157.0 | 19.8 | 0.9 | 6260.8 | 0.01 | 99.87 |
| 157.0-158.0 | 19.3 | 0.8 | 6261.6 | 0.01 | 99.88 |
| 158.0-159.0 | 18.7 | 0.8 | 6262.4 | 0.01 | 99.90 |
| 159.0-160.0 | 18.3 | 0.7 | 6263.1 | 0.01 | 99.91 |
| 160.0-161.0 | 17.9 | 0.7 | 6263.7 | 0.01 | 99.92 |
| 161.0-162.0 | 17.4 | 0.6 | 6264.4 | 0.01 | 99.93 |
| 162.0-163.0 | 17.0 | 0.6 | 6264.9 | 0.01 | 99.94 |
| 163.0-164.0 | 16.5 | 0.5 | 6265.4 | 0.01 | 99.94 |
| 164.0-165.0 | 16.0 | 0.5 | 6265.9 | 0.01 | 99.95 |
| 165.0-166.0 | 15.6 | 0.4 | 6266.3 | 0.01 | 99.96 |
| 166.0-167.0 | 15.1 | 0.4 | 6266.7 | 0.01 | 99.96 |
| 167.0-168.0 | 14.7 | 0.3 | 6267.1 | 0.01 | 99.97 |
| 168.0-169.0 | 14.4 | 0.3 | 6267.4 | 0.01 | 99.97 |
| 169.0-170.0 | 14.1 | 0.3 | 6267.7 | 0.00 | 99.98 |
| 170.0-171.0 | 13.8 | 0.2 | 6267.9 | 0.00 | 99.98 |
| 171.0-172.0 | 13.6 | 0.2 | 6268.1 | 0.00 | 99.99 |
| 172.0-173.0 | 13.5 | 0.2 | 6268.3 | 0.00 | 99.99 |
| 173.0-174.0 | 13.5 | 0.2 | 6268.5 | 0.00 | 99.99 |
| 174.0-175.0 | 13.4 | 0.1 | 6268.6 | 0.00 | 99.99 |
| 175.0-176.0 | 13.3 | 0.1 | 6268.7 | 0.00 | 100.00 |
| 176.0-177.0 | 13.3 | 0.1 | 6268.8 | 0.00 | 100.00 |
| 177.0-178.0 | 13.2 | 0.1 | 6268.9 | 0.00 | 100.00 |
| 178.0-179.0 | 13.2 | 0.0 | 6268.9 | 0.00 | 100.00 |
| 179.0-180.0 | 13.2 | 0.0 | 6268.9 | 0.00 | 100.00 |

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 Humidity:
 Inspector:

Candlepower Table

Unit: cd

| G\C | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| G0.0 | 1404.3 | 1404.3 | 1404.3 | 1404.3 | 1404.3 | 1404.3 | 1404.3 | 1404.3 | 1404.3 | 1404.3 |
| G1.0 | 1403.8 | 1441.0 | 1484.8 | 1507.5 | 1519.2 | 1502.4 | 1478.7 | 1440.2 | 1411.2 | 1358.9 |
| G2.0 | 1397.9 | 1481.9 | 1550.3 | 1589.4 | 1604.9 | 1581.3 | 1533.8 | 1472.2 | 1413.0 | 1319.9 |
| G3.0 | 1391.3 | 1514.0 | 1611.5 | 1670.5 | 1691.0 | 1657.5 | 1594.5 | 1504.4 | 1412.5 | 1279.4 |
| G4.0 | 1383.8 | 1543.3 | 1667.2 | 1748.1 | 1766.1 | 1724.6 | 1649.8 | 1535.3 | 1410.1 | 1241.1 |
| G5.0 | 1376.2 | 1574.5 | 1723.3 | 1820.1 | 1854.9 | 1810.9 | 1702.4 | 1565.9 | 1408.7 | 1202.6 |
| G6.0 | 1369.0 | 1597.7 | 1775.0 | 1906.1 | 1957.9 | 1896.5 | 1759.3 | 1590.7 | 1410.7 | 1161.6 |
| G7.0 | 1359.4 | 1621.4 | 1830.6 | 2003.3 | 2053.2 | 1984.2 | 1819.8 | 1613.7 | 1409.1 | 1116.3 |
| G8.0 | 1350.5 | 1641.9 | 1896.0 | 2088.2 | 2131.7 | 2066.6 | 1885.7 | 1634.9 | 1409.8 | 1073.2 |
| G9.0 | 1339.9 | 1660.5 | 1960.8 | 2156.1 | 2190.3 | 2125.1 | 1947.3 | 1658.6 | 1410.8 | 1030.2 |
| G10.0 | 1327.6 | 1679.8 | 2022.0 | 2207.4 | 2265.8 | 2178.5 | 2006.7 | 1688.8 | 1407.4 | 986.0 |
| G11.0 | 1316.8 | 1697.8 | 2078.5 | 2274.7 | 2359.3 | 2254.5 | 2062.3 | 1720.5 | 1405.7 | 935.8 |
| G12.0 | 1303.6 | 1716.3 | 2118.1 | 2358.4 | 2446.4 | 2338.8 | 2099.4 | 1746.3 | 1400.2 | 888.4 |
| G13.0 | 1291.5 | 1736.7 | 2157.0 | 2443.8 | 2525.2 | 2422.6 | 2144.3 | 1774.7 | 1393.6 | 841.6 |
| G14.0 | 1275.1 | 1759.2 | 2201.1 | 2516.8 | 2568.4 | 2490.7 | 2202.6 | 1794.8 | 1383.1 | 797.1 |
| G15.0 | 1259.1 | 1779.3 | 2258.5 | 2570.5 | 2608.6 | 2532.9 | 2264.2 | 1817.5 | 1374.0 | 756.7 |
| G16.0 | 1241.7 | 1800.6 | 2313.2 | 2613.1 | 2656.8 | 2577.4 | 2321.8 | 1839.1 | 1368.2 | 722.4 |
| G17.0 | 1225.9 | 1821.5 | 2360.6 | 2650.5 | 2711.3 | 2629.9 | 2375.8 | 1859.2 | 1351.4 | 693.2 |
| G18.0 | 1212.0 | 1839.2 | 2404.0 | 2689.8 | 2724.5 | 2670.1 | 2412.8 | 1873.8 | 1345.6 | 665.1 |
| G19.0 | 1195.4 | 1849.6 | 2437.5 | 2712.0 | 2762.2 | 2691.7 | 2436.5 | 1879.0 | 1332.5 | 638.4 |
| G20.0 | 1181.7 | 1856.0 | 2468.3 | 2738.6 | 2812.1 | 2732.6 | 2455.5 | 1875.6 | 1318.7 | 611.8 |
| G21.0 | 1165.3 | 1861.9 | 2483.8 | 2785.9 | 2847.8 | 2784.3 | 2466.5 | 1879.6 | 1309.3 | 582.0 |
| G22.0 | 1149.5 | 1867.1 | 2510.5 | 2841.7 | 2880.1 | 2836.8 | 2493.8 | 1884.2 | 1296.8 | 554.7 |
| G23.0 | 1136.4 | 1868.3 | 2534.3 | 2875.2 | 2924.3 | 2860.7 | 2502.3 | 1894.9 | 1287.7 | 528.6 |
| G24.0 | 1124.7 | 1868.5 | 2540.3 | 2896.3 | 2977.2 | 2879.0 | 2504.9 | 1911.3 | 1276.6 | 506.7 |
| G25.0 | 1112.9 | 1876.2 | 2550.4 | 2914.3 | 3040.5 | 2910.8 | 2518.9 | 1920.5 | 1262.7 | 487.5 |
| G26.0 | 1097.2 | 1883.5 | 2553.0 | 2953.1 | 3070.6 | 2965.3 | 2526.3 | 1931.6 | 1254.0 | 469.8 |
| G27.0 | 1082.8 | 1898.6 | 2563.6 | 3017.4 | 3091.0 | 3009.2 | 2549.1 | 1941.2 | 1243.1 | 453.7 |
| G28.0 | 1071.1 | 1912.0 | 2590.3 | 3056.3 | 3127.0 | 3035.6 | 2574.0 | 1946.4 | 1233.4 | 439.3 |
| G29.0 | 1057.9 | 1928.7 | 2619.2 | 3081.4 | 3178.8 | 3056.4 | 2592.5 | 1951.9 | 1219.1 | 426.0 |
| G30.0 | 1047.1 | 1933.6 | 2633.2 | 3096.0 | 3228.4 | 3083.3 | 2614.0 | 1953.4 | 1212.1 | 409.8 |
| G31.0 | 1037.8 | 1938.0 | 2635.6 | 3115.4 | 3252.2 | 3109.0 | 2623.2 | 1952.9 | 1204.4 | 395.2 |
| G32.0 | 1025.2 | 1938.9 | 2638.3 | 3124.5 | 3290.5 | 3123.1 | 2636.7 | 1955.9 | 1194.9 | 380.3 |
| G33.0 | 1008.8 | 1941.1 | 2646.1 | 3138.5 | 3345.3 | 3139.1 | 2649.8 | 1958.4 | 1182.0 | 367.7 |
| G34.0 | 994.0 | 1949.1 | 2658.9 | 3163.7 | 3389.1 | 3152.5 | 2651.9 | 1956.9 | 1170.0 | 357.0 |
| G35.0 | 976.2 | 1954.7 | 2665.2 | 3187.5 | 3445.2 | 3176.9 | 2641.0 | 1966.0 | 1154.0 | 345.9 |
| G36.0 | 965.0 | 1956.8 | 2685.3 | 3210.2 | 3526.2 | 3213.4 | 2647.1 | 1965.2 | 1148.6 | 334.2 |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

| G\C | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| G37.0 | 954.4 | 1952.9 | 2687.3 | 3244.5 | 3589.6 | 3239.8 | 2651.7 | 1960.2 | 1138.8 | 323.5 |
| G38.0 | 944.4 | 1937.1 | 2680.0 | 3276.3 | 3601.1 | 3263.8 | 2661.0 | 1944.1 | 1131.0 | 314.0 |
| G39.0 | 932.0 | 1917.8 | 2663.4 | 3304.5 | 3598.5 | 3270.1 | 2660.2 | 1926.6 | 1117.3 | 304.4 |
| G40.0 | 918.5 | 1901.7 | 2651.3 | 3315.5 | 3591.9 | 3254.5 | 2645.5 | 1912.4 | 1108.1 | 294.6 |
| G41.0 | 904.4 | 1884.4 | 2645.6 | 3320.0 | 3616.2 | 3265.1 | 2621.5 | 1901.1 | 1098.1 | 284.7 |
| G42.0 | 891.4 | 1870.5 | 2643.1 | 3326.8 | 3657.2 | 3280.7 | 2610.2 | 1890.0 | 1085.9 | 274.8 |
| G43.0 | 877.9 | 1853.7 | 2632.8 | 3328.5 | 3634.2 | 3288.5 | 2607.6 | 1873.1 | 1074.6 | 264.1 |
| G44.0 | 863.9 | 1840.4 | 2610.0 | 3327.5 | 3563.0 | 3264.3 | 2601.9 | 1856.6 | 1063.8 | 254.8 |
| G45.0 | 853.2 | 1826.0 | 2590.2 | 3314.3 | 3519.5 | 3215.6 | 2590.0 | 1835.8 | 1049.8 | 245.5 |
| G46.0 | 839.0 | 1810.7 | 2557.8 | 3288.5 | 3497.5 | 3165.9 | 2561.4 | 1820.7 | 1040.2 | 238.6 |
| G47.0 | 823.7 | 1791.2 | 2533.8 | 3260.9 | 3447.1 | 3138.0 | 2531.1 | 1807.7 | 1029.6 | 231.4 |
| G48.0 | 808.3 | 1761.4 | 2504.6 | 3219.4 | 3407.1 | 3094.9 | 2500.6 | 1798.2 | 1017.6 | 223.7 |
| G49.0 | 796.9 | 1735.9 | 2483.6 | 3184.2 | 3391.4 | 3040.4 | 2475.9 | 1780.8 | 1004.1 | 216.2 |
| G50.0 | 785.6 | 1705.7 | 2457.5 | 3147.6 | 3344.0 | 2997.2 | 2452.4 | 1751.5 | 992.4 | 206.0 |
| G51.0 | 769.6 | 1678.0 | 2433.3 | 3133.5 | 3219.8 | 2956.0 | 2411.1 | 1720.6 | 979.6 | 198.3 |
| G52.0 | 758.0 | 1655.4 | 2397.7 | 3091.5 | 3126.1 | 2902.8 | 2374.4 | 1690.9 | 967.0 | 191.3 |
| G53.0 | 751.0 | 1630.6 | 2361.6 | 3034.3 | 3049.5 | 2834.6 | 2332.1 | 1659.4 | 955.8 | 184.1 |
| G54.0 | 741.6 | 1603.4 | 2323.4 | 2974.8 | 2959.2 | 2769.5 | 2283.1 | 1637.9 | 946.0 | 177.8 |
| G55.0 | 732.1 | 1565.8 | 2280.5 | 2896.2 | 2860.3 | 2693.0 | 2237.5 | 1614.9 | 936.0 | 170.1 |
| G56.0 | 718.5 | 1535.7 | 2227.2 | 2821.2 | 2782.4 | 2607.3 | 2197.5 | 1583.8 | 920.9 | 165.3 |
| G57.0 | 705.9 | 1497.4 | 2177.2 | 2758.7 | 2700.1 | 2530.3 | 2146.4 | 1541.0 | 909.3 | 159.6 |
| G58.0 | 697.8 | 1457.7 | 2123.5 | 2702.4 | 2601.7 | 2462.1 | 2090.9 | 1507.0 | 895.1 | 154.5 |
| G59.0 | 687.5 | 1414.8 | 2075.7 | 2648.6 | 2505.9 | 2399.4 | 2037.8 | 1473.6 | 879.2 | 147.2 |
| G60.0 | 677.2 | 1376.4 | 2026.1 | 2603.1 | 2463.0 | 2332.9 | 1984.2 | 1436.3 | 864.8 | 141.6 |
| G61.0 | 660.7 | 1340.4 | 1971.7 | 2565.7 | 2426.4 | 2276.5 | 1921.9 | 1398.1 | 850.2 | 137.4 |
| G62.0 | 646.8 | 1306.7 | 1928.2 | 2531.9 | 2357.6 | 2235.6 | 1871.3 | 1356.9 | 829.5 | 131.3 |
| G63.0 | 633.8 | 1267.2 | 1896.1 | 2486.2 | 2272.3 | 2191.4 | 1825.3 | 1317.0 | 813.8 | 126.8 |
| G64.0 | 618.2 | 1231.0 | 1862.9 | 2417.6 | 2154.3 | 2135.1 | 1780.4 | 1276.1 | 795.2 | 122.6 |
| G65.0 | 595.5 | 1198.4 | 1821.0 | 2344.4 | 2092.2 | 2053.3 | 1734.9 | 1236.4 | 776.4 | 117.5 |
| G66.0 | 573.4 | 1156.0 | 1784.7 | 2266.9 | 2006.7 | 1980.5 | 1679.7 | 1188.4 | 757.2 | 113.4 |
| G67.0 | 547.1 | 1118.1 | 1736.9 | 2170.8 | 1907.7 | 1894.4 | 1624.2 | 1147.2 | 733.9 | 108.5 |
| G68.0 | 520.1 | 1084.2 | 1677.6 | 2085.0 | 1829.1 | 1798.9 | 1561.5 | 1107.2 | 702.2 | 103.9 |
| G69.0 | 495.5 | 1043.6 | 1619.8 | 2007.0 | 1741.0 | 1709.5 | 1479.7 | 1061.1 | 671.6 | 99.4 |
| G70.0 | 468.6 | 996.9 | 1566.3 | 1936.1 | 1675.5 | 1625.0 | 1408.6 | 1018.4 | 642.5 | 96.5 |
| G71.0 | 439.4 | 950.2 | 1509.2 | 1855.1 | 1608.9 | 1552.2 | 1347.6 | 972.9 | 612.2 | 93.5 |
| G72.0 | 406.6 | 907.9 | 1443.4 | 1804.2 | 1569.8 | 1495.0 | 1290.6 | 925.1 | 578.6 | 88.8 |
| G73.0 | 374.5 | 869.1 | 1388.3 | 1743.5 | 1531.2 | 1455.1 | 1229.0 | 877.5 | 543.7 | 86.1 |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

| G\C | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| G74.0 | 347.4 | 818.2 | 1329.3 | 1646.6 | 1489.5 | 1414.8 | 1161.5 | 829.2 | 508.1 | 83.4 |
| G75.0 | 314.3 | 771.9 | 1277.0 | 1542.4 | 1427.7 | 1369.9 | 1109.1 | 779.7 | 472.5 | 80.5 |
| G76.0 | 284.2 | 731.4 | 1225.3 | 1412.6 | 1361.3 | 1310.3 | 1062.1 | 724.8 | 433.1 | 76.7 |
| G77.0 | 254.6 | 685.9 | 1165.5 | 1286.6 | 1298.1 | 1249.3 | 1009.6 | 677.3 | 398.3 | 72.7 |
| G78.0 | 224.7 | 642.8 | 1112.0 | 1188.7 | 1243.4 | 1190.5 | 952.3 | 628.9 | 364.6 | 70.2 |
| G79.0 | 196.4 | 598.5 | 1063.8 | 1096.0 | 1203.9 | 1148.5 | 905.9 | 586.8 | 331.8 | 66.8 |
| G80.0 | 168.6 | 554.4 | 1006.4 | 1034.6 | 1170.9 | 1109.2 | 859.9 | 545.3 | 298.7 | 63.7 |
| G81.0 | 144.4 | 512.7 | 936.2 | 971.5 | 1120.1 | 1067.8 | 818.6 | 505.0 | 265.9 | 60.7 |
| G82.0 | 123.2 | 472.4 | 849.4 | 924.6 | 1063.0 | 1010.4 | 770.9 | 468.7 | 234.4 | 57.9 |
| G83.0 | 103.3 | 435.8 | 739.8 | 896.1 | 1008.3 | 952.6 | 722.8 | 431.9 | 203.1 | 55.3 |
| G84.0 | 84.3 | 396.7 | 646.0 | 859.5 | 954.6 | 906.3 | 673.8 | 392.9 | 174.2 | 53.0 |
| G85.0 | 68.6 | 360.2 | 593.7 | 816.4 | 904.2 | 863.8 | 631.8 | 359.0 | 148.1 | 50.7 |
| G86.0 | 57.0 | 321.4 | 559.3 | 766.2 | 851.9 | 816.3 | 594.2 | 329.2 | 123.8 | 48.9 |
| G87.0 | 47.5 | 280.0 | 517.3 | 715.9 | 799.6 | 764.8 | 556.6 | 301.6 | 99.8 | 47.0 |
| G88.0 | 40.7 | 242.4 | 473.9 | 667.0 | 747.8 | 711.8 | 519.4 | 272.6 | 81.3 | 45.3 |
| G89.0 | 35.5 | 211.0 | 435.4 | 618.9 | 697.8 | 656.3 | 480.9 | 247.5 | 64.7 | 43.6 |
| G90.0 | 31.6 | 186.2 | 403.4 | 580.0 | 645.5 | 607.2 | 441.9 | 223.5 | 51.6 | 42.0 |
| G91.0 | 29.4 | 167.8 | 373.7 | 539.8 | 603.8 | 568.5 | 408.2 | 201.3 | 41.9 | 40.3 |
| G92.0 | 27.9 | 153.4 | 347.5 | 499.2 | 561.4 | 531.0 | 378.9 | 182.6 | 34.9 | 38.9 |
| G93.0 | 27.0 | 142.8 | 324.5 | 458.8 | 514.5 | 491.5 | 345.3 | 167.1 | 30.5 | 37.4 |
| G94.0 | 26.3 | 133.4 | 302.7 | 425.7 | 472.1 | 453.4 | 316.0 | 154.1 | 27.8 | 36.5 |
| G95.0 | 26.1 | 124.8 | 282.4 | 395.6 | 438.0 | 411.5 | 291.7 | 142.8 | 26.3 | 35.2 |
| G96.0 | 25.8 | 116.5 | 262.5 | 372.0 | 408.0 | 381.0 | 271.8 | 133.1 | 26.0 | 34.2 |
| G97.0 | 25.8 | 109.0 | 241.9 | 350.1 | 378.8 | 355.9 | 252.9 | 122.7 | 25.5 | 33.2 |
| G98.0 | 26.1 | 102.3 | 222.7 | 328.0 | 354.9 | 334.3 | 237.3 | 113.6 | 25.4 | 32.4 |
| G99.0 | 26.4 | 95.4 | 205.3 | 308.0 | 336.7 | 311.9 | 221.3 | 105.8 | 25.7 | 31.8 |
| G100.0 | 26.3 | 90.1 | 189.8 | 285.3 | 318.4 | 288.8 | 205.6 | 98.1 | 25.7 | 31.1 |
| G101.0 | 26.7 | 85.0 | 176.8 | 264.2 | 301.1 | 268.5 | 188.5 | 91.6 | 26.0 | 30.7 |
| G102.0 | 27.1 | 80.5 | 164.8 | 245.2 | 284.9 | 250.4 | 172.7 | 86.4 | 26.1 | 29.8 |
| G103.0 | 27.2 | 76.0 | 152.4 | 227.7 | 268.8 | 233.1 | 159.3 | 81.5 | 26.7 | 29.6 |
| G104.0 | 27.4 | 72.0 | 140.3 | 209.5 | 252.0 | 217.5 | 147.0 | 76.8 | 26.9 | 29.3 |
| G105.0 | 27.9 | 68.2 | 129.3 | 193.4 | 231.7 | 203.1 | 136.9 | 72.4 | 27.1 | 29.2 |
| G106.0 | 27.9 | 64.9 | 121.3 | 178.7 | 212.8 | 187.7 | 127.3 | 68.4 | 27.8 | 28.6 |
| G107.0 | 28.3 | 62.8 | 113.6 | 166.7 | 195.7 | 171.6 | 117.8 | 65.0 | 27.8 | 28.0 |
| G108.0 | 28.0 | 60.4 | 109.8 | 157.7 | 179.8 | 158.4 | 111.3 | 62.0 | 28.0 | 27.5 |
| G109.0 | 28.1 | 58.0 | 106.9 | 148.5 | 165.9 | 147.2 | 105.3 | 59.5 | 28.2 | 26.8 |
| G110.0 | 28.1 | 56.0 | 104.1 | 138.7 | 155.6 | 136.8 | 100.4 | 56.8 | 28.7 | 26.3 |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

| G\C | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|--------|------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| G111.0 | 28.2 | 54.2 | 100.2 | 130.2 | 146.9 | 128.8 | 96.7 | 55.1 | 28.5 | 25.9 |
| G112.0 | 28.3 | 52.9 | 94.7 | 123.0 | 140.6 | 122.1 | 92.8 | 53.1 | 28.7 | 25.3 |
| G113.0 | 28.4 | 51.6 | 90.5 | 118.3 | 134.4 | 117.2 | 89.1 | 51.7 | 28.6 | 24.7 |
| G114.0 | 28.0 | 50.5 | 87.8 | 113.3 | 130.2 | 112.4 | 85.9 | 50.2 | 28.7 | 24.4 |
| G115.0 | 28.1 | 48.9 | 85.9 | 108.9 | 124.8 | 108.7 | 82.9 | 49.0 | 28.6 | 23.6 |
| G116.0 | 27.8 | 47.6 | 84.4 | 104.6 | 120.9 | 105.1 | 80.4 | 47.6 | 28.7 | 23.5 |
| G117.0 | 27.5 | 46.5 | 81.9 | 100.7 | 116.5 | 101.9 | 78.5 | 46.6 | 27.9 | 22.9 |
| G118.0 | 27.1 | 45.2 | 79.6 | 97.5 | 112.0 | 98.7 | 76.6 | 45.4 | 27.3 | 22.4 |
| G119.0 | 26.3 | 44.0 | 76.7 | 94.3 | 108.3 | 95.9 | 74.8 | 44.4 | 26.7 | 22.1 |
| G120.0 | 25.8 | 43.1 | 74.0 | 91.5 | 105.2 | 93.7 | 72.4 | 43.0 | 26.1 | 21.9 |
| G121.0 | 25.3 | 41.8 | 72.6 | 88.8 | 101.8 | 91.4 | 70.7 | 42.1 | 25.8 | 21.3 |
| G122.0 | 24.5 | 40.8 | 70.9 | 86.2 | 99.1 | 89.0 | 68.6 | 41.3 | 25.4 | 21.2 |
| G123.0 | 23.8 | 39.7 | 69.7 | 84.0 | 95.8 | 86.0 | 67.4 | 40.2 | 24.8 | 20.8 |
| G124.0 | 23.0 | 38.2 | 67.8 | 82.3 | 93.3 | 84.0 | 65.8 | 39.4 | 24.3 | 20.7 |
| G125.0 | 22.5 | 37.1 | 66.2 | 81.2 | 90.9 | 82.5 | 64.3 | 38.3 | 23.8 | 20.6 |
| G126.0 | 22.3 | 36.0 | 65.0 | 81.0 | 88.9 | 80.4 | 62.6 | 37.3 | 23.2 | 20.3 |
| G127.0 | 21.4 | 35.1 | 63.4 | 80.1 | 87.7 | 79.0 | 60.7 | 36.2 | 22.8 | 20.2 |
| G128.0 | 21.3 | 34.5 | 61.8 | 79.1 | 86.2 | 77.6 | 59.5 | 35.3 | 22.5 | 20.1 |
| G129.0 | 20.9 | 34.0 | 60.0 | 77.8 | 84.8 | 76.0 | 58.1 | 34.3 | 22.1 | 20.3 |
| G130.0 | 20.4 | 33.3 | 58.6 | 77.3 | 83.1 | 74.3 | 56.7 | 33.7 | 21.6 | 19.8 |
| G131.0 | 20.4 | 32.3 | 56.8 | 75.8 | 81.6 | 72.6 | 54.9 | 33.1 | 21.3 | 20.0 |
| G132.0 | 19.9 | 31.8 | 55.7 | 74.3 | 80.3 | 70.7 | 53.7 | 32.5 | 21.1 | 19.8 |
| G133.0 | 19.7 | 30.8 | 53.8 | 73.0 | 78.9 | 68.9 | 51.6 | 32.1 | 21.1 | 20.0 |
| G134.0 | 19.6 | 30.1 | 52.2 | 71.3 | 77.2 | 67.0 | 50.5 | 31.3 | 20.7 | 19.8 |
| G135.0 | 19.1 | 29.6 | 50.5 | 68.8 | 75.0 | 65.1 | 48.9 | 30.8 | 20.6 | 19.5 |
| G136.0 | 19.0 | 29.1 | 48.5 | 66.4 | 71.4 | 62.7 | 47.3 | 30.1 | 20.2 | 19.8 |
| G137.0 | 18.9 | 28.3 | 46.4 | 63.7 | 67.7 | 60.2 | 45.7 | 29.9 | 20.0 | 19.7 |
| G138.0 | 18.5 | 27.7 | 44.6 | 60.9 | 63.5 | 57.6 | 43.8 | 29.5 | 20.1 | 19.7 |
| G139.0 | 18.3 | 27.5 | 43.3 | 57.8 | 58.6 | 54.9 | 41.9 | 29.1 | 19.7 | 19.7 |
| G140.0 | 18.2 | 26.6 | 42.5 | 54.9 | 54.8 | 52.1 | 40.5 | 28.1 | 19.7 | 19.5 |
| G141.0 | 17.8 | 25.9 | 41.2 | 53.0 | 52.4 | 49.9 | 39.4 | 27.6 | 19.4 | 19.5 |
| G142.0 | 17.7 | 25.2 | 39.9 | 51.2 | 50.5 | 48.2 | 37.8 | 26.6 | 19.0 | 19.4 |
| G143.0 | 17.6 | 24.7 | 38.0 | 50.1 | 49.4 | 46.6 | 36.5 | 26.1 | 18.8 | 19.3 |
| G144.0 | 17.2 | 23.8 | 36.1 | 48.9 | 48.1 | 45.4 | 34.9 | 25.5 | 18.6 | 19.1 |
| G145.0 | 17.1 | 23.2 | 34.6 | 46.7 | 45.9 | 43.5 | 33.2 | 24.8 | 18.7 | 19.1 |
| G146.0 | 16.9 | 22.4 | 33.5 | 44.4 | 42.7 | 41.2 | 31.7 | 24.3 | 18.4 | 18.8 |
| G147.0 | 16.9 | 21.7 | 32.9 | 42.2 | 40.0 | 38.7 | 30.3 | 23.7 | 18.2 | 18.9 |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Candlepower Table (Continue 4)

Unit: cd

| G\C | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|--------|------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| G148.0 | 16.9 | 21.3 | 32.0 | 40.7 | 38.0 | 36.9 | 29.1 | 22.6 | 17.8 | 18.6 |
| G149.0 | 16.6 | 20.7 | 30.8 | 39.4 | 36.8 | 35.1 | 28.1 | 22.0 | 17.6 | 18.5 |
| G150.0 | 16.5 | 20.0 | 29.4 | 38.0 | 35.4 | 33.7 | 27.1 | 21.0 | 17.2 | 18.2 |
| G151.0 | 16.1 | 19.3 | 28.2 | 36.0 | 34.0 | 31.9 | 26.2 | 20.3 | 16.9 | 17.8 |
| G152.0 | 16.1 | 18.7 | 27.7 | 34.1 | 31.6 | 30.0 | 25.1 | 19.4 | 16.7 | 17.8 |
| G153.0 | 16.0 | 18.5 | 26.9 | 32.5 | 29.5 | 28.1 | 24.0 | 18.9 | 16.4 | 17.9 |
| G154.0 | 15.9 | 18.1 | 26.1 | 30.9 | 27.7 | 26.5 | 23.4 | 18.0 | 16.1 | 17.4 |
| G155.0 | 15.8 | 17.3 | 25.3 | 29.9 | 26.7 | 25.3 | 23.0 | 17.3 | 16.1 | 16.9 |
| G156.0 | 15.6 | 16.5 | 24.2 | 28.9 | 26.3 | 23.9 | 22.3 | 16.6 | 15.6 | 16.9 |
| G157.0 | 15.4 | 15.7 | 22.9 | 27.5 | 25.8 | 22.6 | 21.6 | 15.8 | 15.4 | 16.6 |
| G158.0 | 15.1 | 15.1 | 21.6 | 25.9 | 25.3 | 21.6 | 20.9 | 15.4 | 14.9 | 16.4 |
| G159.0 | 14.7 | 14.9 | 20.5 | 24.3 | 24.2 | 20.2 | 19.9 | 15.2 | 14.5 | 16.3 |
| G160.0 | 14.6 | 14.4 | 19.7 | 23.3 | 23.1 | 19.7 | 19.4 | 14.6 | 14.4 | 16.1 |
| G161.0 | 14.4 | 14.2 | 18.7 | 22.1 | 22.0 | 18.9 | 18.7 | 14.2 | 14.4 | 15.9 |
| G162.0 | 14.2 | 13.9 | 17.4 | 21.2 | 21.3 | 18.7 | 17.9 | 14.4 | 13.9 | 15.8 |
| G163.0 | 13.8 | 13.5 | 16.4 | 19.9 | 20.3 | 18.0 | 17.0 | 14.0 | 13.7 | 15.7 |
| G164.0 | 13.4 | 13.4 | 15.1 | 18.5 | 19.3 | 17.6 | 16.3 | 14.0 | 13.3 | 15.2 |
| G165.0 | 13.6 | 13.2 | 14.1 | 17.3 | 18.2 | 16.9 | 15.5 | 13.7 | 13.2 | 15.0 |
| G166.0 | 13.3 | 12.9 | 13.1 | 15.7 | 17.3 | 16.1 | 14.6 | 13.7 | 12.8 | 14.8 |
| G167.0 | 13.0 | 12.8 | 12.2 | 14.8 | 16.5 | 15.6 | 13.6 | 13.6 | 12.6 | 14.7 |
| G168.0 | 12.9 | 12.6 | 11.3 | 13.6 | 15.5 | 14.9 | 13.2 | 13.5 | 12.3 | 14.6 |
| G169.0 | 12.6 | 12.5 | 11.6 | 12.5 | 14.3 | 13.9 | 13.3 | 13.4 | 12.4 | 14.5 |
| G170.0 | 12.3 | 12.5 | 11.5 | 11.3 | 13.5 | 13.3 | 13.2 | 13.4 | 12.1 | 14.2 |
| G171.0 | 12.4 | 12.3 | 11.5 | 10.9 | 12.4 | 12.4 | 13.3 | 13.2 | 12.2 | 14.1 |
| G172.0 | 12.4 | 12.3 | 11.7 | 11.2 | 12.2 | 12.7 | 13.4 | 13.1 | 12.1 | 14.0 |
| G173.0 | 12.0 | 12.3 | 11.8 | 11.8 | 12.7 | 12.8 | 13.4 | 13.0 | 11.9 | 13.9 |
| G174.0 | 12.0 | 12.4 | 11.8 | 11.7 | 12.6 | 13.1 | 13.5 | 13.0 | 11.9 | 13.7 |
| G175.0 | 12.1 | 12.4 | 12.1 | 12.1 | 13.1 | 13.0 | 13.3 | 12.9 | 11.8 | 13.5 |
| G176.0 | 11.9 | 12.2 | 12.5 | 12.6 | 13.5 | 13.2 | 13.1 | 12.8 | 11.5 | 13.5 |
| G177.0 | 11.8 | 12.6 | 12.8 | 12.5 | 13.6 | 13.1 | 13.1 | 12.6 | 11.7 | 13.1 |
| G178.0 | 11.8 | 12.5 | 12.8 | 13.2 | 12.8 | 13.4 | 13.0 | 12.9 | 11.8 | 13.0 |
| G179.0 | 11.9 | 12.9 | 13.2 | 13.5 | 13.8 | 13.5 | 13.5 | 12.5 | 11.8 | 13.0 |
| G180.0 | 12.1 | 12.7 | 13.4 | 13.8 | 13.6 | 13.5 | 13.6 | 12.5 | 11.9 | 12.7 |
| | | | | | | | | | | |
| | | | | | | | | | | |
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| | | | | | | | | | | |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Candlepower Table (Continue 5)

Unit: cd

| | | | | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
| G0.0 | 1404.3 | 1404.3 | 1404.3 | 1404.3 | 1404.3 | 1404.3 | 1404.3 | | | |
| G1.0 | 1325.0 | 1304.9 | 1297.4 | 1301.0 | 1326.3 | 1362.0 | 1403.8 | | | |
| G2.0 | 1254.4 | 1208.8 | 1194.1 | 1205.0 | 1251.8 | 1315.8 | 1397.9 | | | |
| G3.0 | 1177.3 | 1101.5 | 1083.5 | 1109.2 | 1179.2 | 1273.1 | 1391.3 | | | |
| G4.0 | 1097.4 | 996.9 | 963.7 | 1004.8 | 1102.5 | 1230.2 | 1383.8 | | | |
| G5.0 | 1018.9 | 873.3 | 827.9 | 881.8 | 1023.2 | 1187.7 | 1376.2 | | | |
| G6.0 | 925.0 | 762.8 | 727.4 | 772.2 | 937.9 | 1148.8 | 1369.0 | | | |
| G7.0 | 830.1 | 688.4 | 656.4 | 691.7 | 842.9 | 1104.0 | 1359.4 | | | |
| G8.0 | 754.5 | 622.7 | 583.2 | 625.4 | 758.1 | 1060.6 | 1350.5 | | | |
| G9.0 | 696.8 | 557.7 | 525.0 | 560.6 | 696.5 | 1017.7 | 1339.9 | | | |
| G10.0 | 643.9 | 514.5 | 493.6 | 510.2 | 643.8 | 972.2 | 1327.6 | | | |
| G11.0 | 593.8 | 488.2 | 472.7 | 481.9 | 590.2 | 921.1 | 1316.8 | | | |
| G12.0 | 546.9 | 467.9 | 443.1 | 459.7 | 541.9 | 869.1 | 1303.6 | | | |
| G13.0 | 512.1 | 435.6 | 411.4 | 432.6 | 503.4 | 816.8 | 1291.5 | | | |
| G14.0 | 487.2 | 408.8 | 382.8 | 402.4 | 475.1 | 768.1 | 1275.1 | | | |
| G15.0 | 465.3 | 382.2 | 354.3 | 374.5 | 452.0 | 726.3 | 1259.1 | | | |
| G16.0 | 445.4 | 354.5 | 327.4 | 348.5 | 432.8 | 689.7 | 1241.7 | | | |
| G17.0 | 420.0 | 329.2 | 302.3 | 324.2 | 406.4 | 657.8 | 1225.9 | | | |
| G18.0 | 396.7 | 305.7 | 273.9 | 299.8 | 382.9 | 629.8 | 1212.0 | | | |
| G19.0 | 376.9 | 279.9 | 250.8 | 274.9 | 364.0 | 602.7 | 1195.4 | | | |
| G20.0 | 355.7 | 256.5 | 231.4 | 249.3 | 341.6 | 572.6 | 1181.7 | | | |
| G21.0 | 336.3 | 238.0 | 212.5 | 230.9 | 322.5 | 545.8 | 1165.3 | | | |
| G22.0 | 317.0 | 218.8 | 192.6 | 213.7 | 303.7 | 520.2 | 1149.5 | | | |
| G23.0 | 296.8 | 202.4 | 175.2 | 196.9 | 284.8 | 498.5 | 1136.4 | | | |
| G24.0 | 278.5 | 184.4 | 161.6 | 179.2 | 266.3 | 480.5 | 1124.7 | | | |
| G25.0 | 257.6 | 168.9 | 149.4 | 163.9 | 243.8 | 464.4 | 1112.9 | | | |
| G26.0 | 239.9 | 156.5 | 137.4 | 151.7 | 227.6 | 447.7 | 1097.2 | | | |
| G27.0 | 225.0 | 145.5 | 127.0 | 140.3 | 213.0 | 432.3 | 1082.8 | | | |
| G28.0 | 210.8 | 133.3 | 116.9 | 128.9 | 199.1 | 419.2 | 1071.1 | | | |
| G29.0 | 196.7 | 123.4 | 107.9 | 119.2 | 186.0 | 403.7 | 1057.9 | | | |
| G30.0 | 183.4 | 114.6 | 98.4 | 109.2 | 170.6 | 385.4 | 1047.1 | | | |
| G31.0 | 170.3 | 105.3 | 90.0 | 100.1 | 158.1 | 370.8 | 1037.8 | | | |
| G32.0 | 158.6 | 96.3 | 81.3 | 91.0 | 148.3 | 358.0 | 1025.2 | | | |
| G33.0 | 148.3 | 87.9 | 73.0 | 82.9 | 138.3 | 345.3 | 1008.8 | | | |
| G34.0 | 139.4 | 79.6 | 64.4 | 74.8 | 129.4 | 333.4 | 994.0 | | | |
| G35.0 | 128.9 | 71.4 | 56.5 | 66.8 | 118.3 | 321.7 | 976.2 | | | |
| G36.0 | 120.2 | 63.7 | 48.4 | 59.4 | 110.3 | 309.4 | 965.0 | | | |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Candlepower Table (Continue 6)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G37.0 | 112.0 | 56.3 | 41.3 | 51.7 | 102.8 | 297.3 | 954.4 | | | |
| G38.0 | 104.3 | 48.7 | 34.4 | 44.4 | 94.7 | 286.3 | 944.4 | | | |
| G39.0 | 96.3 | 41.7 | 27.8 | 37.6 | 86.8 | 276.9 | 932.0 | | | |
| G40.0 | 88.8 | 35.3 | 22.5 | 31.1 | 79.7 | 262.5 | 918.5 | | | |
| G41.0 | 81.7 | 28.6 | 15.9 | 25.0 | 73.0 | 251.1 | 904.4 | | | |
| G42.0 | 75.0 | 23.2 | 8.9 | 19.5 | 65.6 | 239.8 | 891.4 | | | |
| G43.0 | 68.2 | 17.6 | 1.3 | 14.2 | 58.8 | 230.5 | 877.9 | | | |
| G44.0 | 62.3 | 11.6 | 1.0 | 7.6 | 52.6 | 220.9 | 863.9 | | | |
| G45.0 | 55.7 | 5.0 | 1.1 | 1.2 | 46.7 | 210.6 | 853.2 | | | |
| G46.0 | 50.4 | 1.6 | 0.8 | 0.9 | 41.2 | 200.5 | 839.0 | | | |
| G47.0 | 44.6 | 1.6 | 1.1 | 0.9 | 36.3 | 189.9 | 823.7 | | | |
| G48.0 | 39.9 | 1.8 | 1.1 | 0.6 | 31.6 | 181.8 | 808.3 | | | |
| G49.0 | 35.0 | 1.5 | 1.2 | 0.9 | 26.6 | 174.5 | 796.9 | | | |
| G50.0 | 30.8 | 1.8 | 1.2 | 1.2 | 23.2 | 166.5 | 785.6 | | | |
| G51.0 | 26.8 | 1.5 | 1.6 | 1.1 | 18.8 | 159.6 | 769.6 | | | |
| G52.0 | 23.0 | 1.6 | 1.3 | 1.2 | 14.2 | 154.0 | 758.0 | | | |
| G53.0 | 18.9 | 1.8 | 1.6 | 1.3 | 13.1 | 148.8 | 751.0 | | | |
| G54.0 | 16.4 | 1.8 | 1.5 | 1.1 | 13.2 | 143.2 | 741.6 | | | |
| G55.0 | 15.9 | 1.7 | 1.5 | 1.4 | 12.9 | 134.9 | 732.1 | | | |
| G56.0 | 15.6 | 1.8 | 1.5 | 1.4 | 13.3 | 130.6 | 718.5 | | | |
| G57.0 | 15.3 | 1.7 | 1.8 | 1.5 | 12.7 | 126.9 | 705.9 | | | |
| G58.0 | 15.1 | 1.7 | 1.5 | 1.5 | 12.4 | 122.1 | 697.8 | | | |
| G59.0 | 14.8 | 1.9 | 2.0 | 1.4 | 12.4 | 116.8 | 687.5 | | | |
| G60.0 | 14.7 | 1.9 | 1.9 | 1.7 | 12.2 | 112.7 | 677.2 | | | |
| G61.0 | 14.4 | 1.9 | 1.9 | 1.9 | 11.8 | 110.2 | 660.7 | | | |
| G62.0 | 14.5 | 2.0 | 2.1 | 1.8 | 12.0 | 105.4 | 646.8 | | | |
| G63.0 | 14.2 | 2.3 | 2.2 | 2.0 | 11.8 | 101.5 | 633.8 | | | |
| G64.0 | 14.2 | 1.9 | 2.2 | 2.1 | 11.8 | 97.4 | 618.2 | | | |
| G65.0 | 13.9 | 2.4 | 2.5 | 2.1 | 11.6 | 93.5 | 595.5 | | | |
| G66.0 | 14.1 | 2.2 | 2.3 | 2.3 | 11.4 | 87.1 | 573.4 | | | |
| G67.0 | 14.0 | 2.5 | 2.5 | 2.5 | 11.5 | 80.9 | 547.1 | | | |
| G68.0 | 14.1 | 2.6 | 2.9 | 2.6 | 11.4 | 77.0 | 520.1 | | | |
| G69.0 | 14.0 | 2.8 | 2.8 | 2.7 | 11.4 | 75.8 | 495.5 | | | |
| G70.0 | 13.9 | 3.0 | 3.1 | 2.6 | 11.3 | 72.9 | 468.6 | | | |
| G71.0 | 14.0 | 2.9 | 3.3 | 3.0 | 10.9 | 68.9 | 439.4 | | | |
| G72.0 | 13.5 | 3.2 | 3.5 | 2.8 | 11.0 | 67.0 | 406.6 | | | |
| G73.0 | 13.8 | 3.5 | 3.3 | 3.3 | 10.6 | 66.6 | 374.5 | | | |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Candlepower Table (Continue 7)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G74.0 | 13.4 | 3.6 | 3.6 | 3.4 | 10.7 | 66.3 | 347.4 | | | |
| G75.0 | 13.5 | 3.7 | 3.9 | 3.4 | 10.4 | 63.5 | 314.3 | | | |
| G76.0 | 13.7 | 4.1 | 3.7 | 3.7 | 10.3 | 61.3 | 284.2 | | | |
| G77.0 | 13.3 | 4.0 | 4.1 | 4.2 | 10.3 | 58.2 | 254.6 | | | |
| G78.0 | 13.5 | 4.4 | 4.3 | 3.8 | 10.3 | 54.6 | 224.7 | | | |
| G79.0 | 13.2 | 4.7 | 4.5 | 4.4 | 9.7 | 50.9 | 196.4 | | | |
| G80.0 | 13.5 | 4.7 | 4.8 | 4.2 | 10.0 | 47.5 | 168.6 | | | |
| G81.0 | 13.1 | 4.9 | 4.9 | 4.4 | 10.0 | 45.0 | 144.4 | | | |
| G82.0 | 13.0 | 5.4 | 5.3 | 4.7 | 10.0 | 43.1 | 123.2 | | | |
| G83.0 | 13.1 | 5.5 | 5.5 | 5.0 | 10.0 | 40.8 | 103.3 | | | |
| G84.0 | 12.9 | 5.7 | 5.6 | 5.2 | 10.1 | 38.9 | 84.3 | | | |
| G85.0 | 13.2 | 6.0 | 6.0 | 5.6 | 9.9 | 37.2 | 68.6 | | | |
| G86.0 | 12.9 | 6.1 | 6.2 | 5.7 | 10.1 | 35.7 | 57.0 | | | |
| G87.0 | 12.9 | 6.6 | 6.3 | 6.1 | 10.3 | 34.0 | 47.5 | | | |
| G88.0 | 12.9 | 6.8 | 6.8 | 6.1 | 10.3 | 32.9 | 40.7 | | | |
| G89.0 | 12.8 | 7.0 | 6.9 | 6.6 | 10.3 | 31.6 | 35.5 | | | |
| G90.0 | 13.0 | 7.5 | 7.4 | 6.7 | 10.4 | 30.4 | 31.6 | | | |
| G91.0 | 12.9 | 7.8 | 7.7 | 6.8 | 10.4 | 29.3 | 29.4 | | | |
| G92.0 | 13.1 | 8.1 | 7.8 | 7.4 | 10.6 | 28.5 | 27.9 | | | |
| G93.0 | 13.1 | 8.3 | 7.9 | 7.5 | 10.8 | 27.4 | 27.0 | | | |
| G94.0 | 13.4 | 8.5 | 8.5 | 7.6 | 10.7 | 26.3 | 26.3 | | | |
| G95.0 | 13.2 | 8.9 | 8.6 | 8.3 | 10.9 | 25.3 | 26.1 | | | |
| G96.0 | 13.4 | 9.2 | 9.2 | 8.5 | 11.1 | 24.9 | 25.8 | | | |
| G97.0 | 13.3 | 9.5 | 9.4 | 8.8 | 11.2 | 24.4 | 25.8 | | | |
| G98.0 | 13.2 | 9.9 | 9.8 | 9.1 | 11.3 | 23.8 | 26.1 | | | |
| G99.0 | 13.4 | 10.3 | 10.3 | 9.5 | 11.7 | 23.1 | 26.4 | | | |
| G100.0 | 13.5 | 10.4 | 10.8 | 9.6 | 11.7 | 22.6 | 26.3 | | | |
| G101.0 | 13.7 | 10.9 | 10.7 | 10.4 | 11.7 | 22.3 | 26.7 | | | |
| G102.0 | 14.0 | 11.2 | 11.2 | 10.2 | 12.3 | 22.0 | 27.1 | | | |
| G103.0 | 14.1 | 11.6 | 11.5 | 10.3 | 12.5 | 21.4 | 27.2 | | | |
| G104.0 | 14.2 | 11.8 | 12.0 | 11.0 | 12.7 | 20.9 | 27.4 | | | |
| G105.0 | 14.3 | 12.5 | 12.4 | 11.4 | 12.7 | 20.6 | 27.9 | | | |
| G106.0 | 14.6 | 12.5 | 12.7 | 11.8 | 13.2 | 20.6 | 27.9 | | | |
| G107.0 | 14.8 | 12.9 | 13.0 | 12.1 | 13.3 | 20.4 | 28.3 | | | |
| G108.0 | 15.3 | 13.2 | 13.4 | 12.4 | 13.5 | 19.8 | 28.0 | | | |
| G109.0 | 15.3 | 13.6 | 13.6 | 12.5 | 13.7 | 19.6 | 28.1 | | | |
| G110.0 | 15.5 | 14.0 | 14.3 | 12.7 | 14.1 | 19.6 | 28.1 | | | |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Candlepower Table (Continue 8)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G111.0 | 15.8 | 14.0 | 14.6 | 13.2 | 14.2 | 19.3 | 28.2 | | | |
| G112.0 | 16.0 | 14.5 | 14.7 | 13.4 | 14.6 | 19.0 | 28.3 | | | |
| G113.0 | 16.3 | 14.9 | 15.0 | 13.8 | 14.7 | 19.0 | 28.4 | | | |
| G114.0 | 16.3 | 15.1 | 15.4 | 13.9 | 14.9 | 18.8 | 28.0 | | | |
| G115.0 | 16.8 | 15.3 | 15.8 | 14.4 | 15.1 | 18.7 | 28.1 | | | |
| G116.0 | 16.8 | 15.5 | 16.1 | 14.8 | 15.3 | 18.4 | 27.8 | | | |
| G117.0 | 17.1 | 16.2 | 16.4 | 15.1 | 15.7 | 18.4 | 27.5 | | | |
| G118.0 | 17.5 | 16.6 | 16.7 | 15.4 | 15.9 | 18.4 | 27.1 | | | |
| G119.0 | 17.6 | 16.5 | 17.0 | 15.7 | 15.9 | 18.3 | 26.3 | | | |
| G120.0 | 17.6 | 17.1 | 17.5 | 16.0 | 16.1 | 18.0 | 25.8 | | | |
| G121.0 | 17.6 | 17.4 | 17.5 | 16.1 | 16.2 | 17.8 | 25.3 | | | |
| G122.0 | 17.9 | 17.7 | 18.0 | 16.4 | 16.5 | 17.7 | 24.5 | | | |
| G123.0 | 18.0 | 17.8 | 18.2 | 16.7 | 16.7 | 18.0 | 23.8 | | | |
| G124.0 | 18.5 | 18.2 | 18.5 | 17.0 | 17.0 | 17.7 | 23.0 | | | |
| G125.0 | 18.6 | 18.4 | 18.6 | 17.3 | 16.8 | 17.8 | 22.5 | | | |
| G126.0 | 18.6 | 18.7 | 18.7 | 17.6 | 17.3 | 17.7 | 22.3 | | | |
| G127.0 | 19.1 | 18.8 | 19.0 | 17.6 | 17.2 | 17.9 | 21.4 | | | |
| G128.0 | 18.9 | 19.1 | 19.3 | 17.9 | 17.1 | 17.7 | 21.3 | | | |
| G129.0 | 19.0 | 19.4 | 19.4 | 18.0 | 17.5 | 17.6 | 20.9 | | | |
| G130.0 | 19.3 | 19.6 | 19.6 | 18.2 | 17.7 | 18.1 | 20.4 | | | |
| G131.0 | 19.3 | 19.9 | 19.9 | 18.3 | 17.7 | 18.3 | 20.4 | | | |
| G132.0 | 19.3 | 19.8 | 20.0 | 18.5 | 17.8 | 18.0 | 19.9 | | | |
| G133.0 | 19.4 | 20.1 | 20.5 | 18.8 | 17.9 | 18.1 | 19.7 | | | |
| G134.0 | 19.6 | 20.4 | 20.3 | 19.2 | 18.2 | 18.1 | 19.6 | | | |
| G135.0 | 19.6 | 20.4 | 20.5 | 19.1 | 18.1 | 18.2 | 19.1 | | | |
| G136.0 | 19.7 | 20.4 | 20.7 | 19.4 | 18.0 | 18.0 | 19.0 | | | |
| G137.0 | 19.9 | 20.8 | 20.8 | 19.6 | 18.4 | 18.4 | 18.9 | | | |
| G138.0 | 19.6 | 21.0 | 20.8 | 19.8 | 18.6 | 18.3 | 18.5 | | | |
| G139.0 | 19.9 | 21.0 | 20.9 | 19.5 | 18.7 | 18.1 | 18.3 | | | |
| G140.0 | 19.6 | 21.2 | 21.1 | 20.0 | 18.5 | 18.2 | 18.2 | | | |
| G141.0 | 19.5 | 20.9 | 21.0 | 19.9 | 18.4 | 18.2 | 17.8 | | | |
| G142.0 | 19.6 | 21.3 | 21.1 | 20.1 | 18.5 | 18.1 | 17.7 | | | |
| G143.0 | 19.7 | 21.0 | 21.3 | 19.9 | 18.6 | 18.0 | 17.6 | | | |
| G144.0 | 19.5 | 20.8 | 21.4 | 19.9 | 18.7 | 18.2 | 17.2 | | | |
| G145.0 | 19.3 | 20.9 | 21.2 | 20.1 | 18.5 | 18.0 | 17.1 | | | |
| G146.0 | 19.4 | 21.3 | 21.2 | 20.2 | 18.4 | 18.0 | 16.9 | | | |
| G147.0 | 19.3 | 21.1 | 21.3 | 20.1 | 18.3 | 18.1 | 16.9 | | | |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Candlepower Table (Continue 9)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G148.0 | 19.3 | 21.1 | 21.2 | 20.1 | 18.4 | 17.8 | 16.9 | | | |
| G149.0 | 19.1 | 20.8 | 21.6 | 20.0 | 18.7 | 17.7 | 16.6 | | | |
| G150.0 | 18.9 | 20.8 | 21.2 | 20.1 | 18.5 | 17.4 | 16.5 | | | |
| G151.0 | 18.8 | 20.6 | 21.4 | 20.1 | 18.8 | 17.4 | 16.1 | | | |
| G152.0 | 18.7 | 20.7 | 21.0 | 19.9 | 18.7 | 17.3 | 16.1 | | | |
| G153.0 | 18.7 | 20.4 | 21.0 | 19.7 | 18.7 | 17.0 | 16.0 | | | |
| G154.0 | 18.3 | 20.4 | 20.8 | 19.7 | 18.6 | 16.8 | 15.9 | | | |
| G155.0 | 18.2 | 20.4 | 21.0 | 19.7 | 18.7 | 16.8 | 15.8 | | | |
| G156.0 | 18.2 | 20.1 | 21.1 | 19.5 | 18.5 | 16.6 | 15.6 | | | |
| G157.0 | 17.9 | 19.8 | 21.2 | 19.2 | 18.8 | 16.2 | 15.4 | | | |
| G158.0 | 17.8 | 19.4 | 20.9 | 18.9 | 18.1 | 16.3 | 15.1 | | | |
| G159.0 | 17.6 | 19.1 | 21.0 | 18.9 | 18.0 | 16.2 | 14.7 | | | |
| G160.0 | 17.4 | 19.4 | 20.9 | 18.6 | 17.8 | 16.0 | 14.6 | | | |
| G161.0 | 17.0 | 19.0 | 20.5 | 18.6 | 17.6 | 15.8 | 14.4 | | | |
| G162.0 | 17.1 | 18.7 | 20.4 | 18.6 | 17.5 | 15.4 | 14.2 | | | |
| G163.0 | 16.8 | 18.4 | 19.4 | 18.3 | 17.4 | 15.5 | 13.8 | | | |
| G164.0 | 16.5 | 18.2 | 19.0 | 18.0 | 17.0 | 15.0 | 13.4 | | | |
| G165.0 | 16.4 | 17.7 | 18.5 | 17.7 | 16.9 | 14.8 | 13.6 | | | |
| G166.0 | 16.3 | 17.6 | 18.2 | 17.6 | 16.5 | 14.8 | 13.3 | | | |
| G167.0 | 16.1 | 17.3 | 18.1 | 17.4 | 16.6 | 14.4 | 13.0 | | | |
| G168.0 | 15.9 | 17.0 | 17.5 | 17.2 | 16.1 | 14.3 | 12.9 | | | |
| G169.0 | 15.8 | 16.8 | 17.3 | 16.9 | 15.9 | 14.2 | 12.6 | | | |
| G170.0 | 15.7 | 16.6 | 16.7 | 16.4 | 15.7 | 13.9 | 12.3 | | | |
| G171.0 | 15.4 | 16.0 | 16.8 | 16.2 | 15.5 | 13.7 | 12.4 | | | |
| G172.0 | 15.4 | 15.9 | 16.2 | 15.7 | 15.3 | 13.8 | 12.4 | | | |
| G173.0 | 15.0 | 15.6 | 15.9 | 15.7 | 15.0 | 13.3 | 12.0 | | | |
| G174.0 | 14.9 | 15.6 | 15.8 | 15.1 | 14.9 | 13.3 | 12.0 | | | |
| G175.0 | 14.8 | 15.1 | 15.4 | 15.0 | 14.8 | 12.9 | 12.1 | | | |
| G176.0 | 14.3 | 14.9 | 15.0 | 14.5 | 14.3 | 13.1 | 11.9 | | | |
| G177.0 | 14.1 | 14.7 | 14.7 | 14.2 | 14.3 | 12.6 | 11.8 | | | |
| G178.0 | 13.9 | 14.2 | 14.1 | 14.2 | 14.1 | 12.6 | 11.8 | | | |
| G179.0 | 13.6 | 14.5 | 14.0 | 13.8 | 13.8 | 12.7 | 11.9 | | | |
| G180.0 | 13.5 | 14.0 | 13.7 | 13.5 | 13.5 | 12.8 | 12.1 | | | |
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C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector: