

Report No.:

Test Time: 2023/12/5 星期二 06:58

Luminaire Property

Luminaire Manufacturer:

Voltage: 120.2 V

Power: 59.69 W

Current: 0.503 A

Power Factor: 0.987

Photometric Results

IES Classification: Type III

Total Rated Lamp Lumens: 7465.3 lm

Efficiency: 100%

Upward Ratio: 6%

Central Intensity: 1687.18 cd

Pos of Max. Intensity: H90 V40

Longitudinal Classification: Very Short

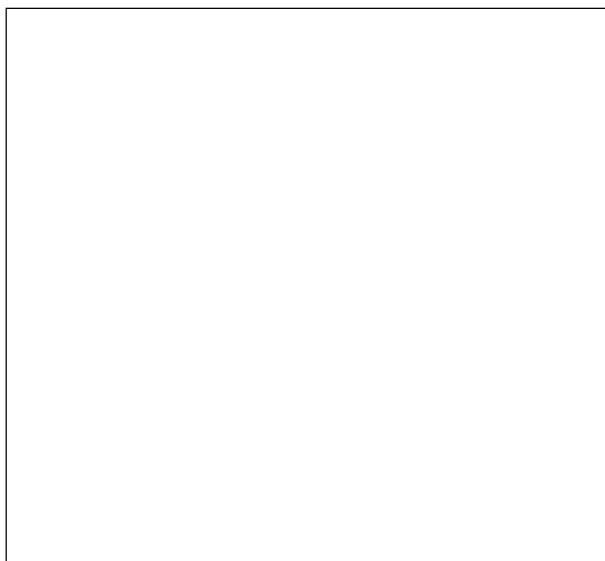
Measurement Flux: 7465.3 lm

Downward Ratio: 94%

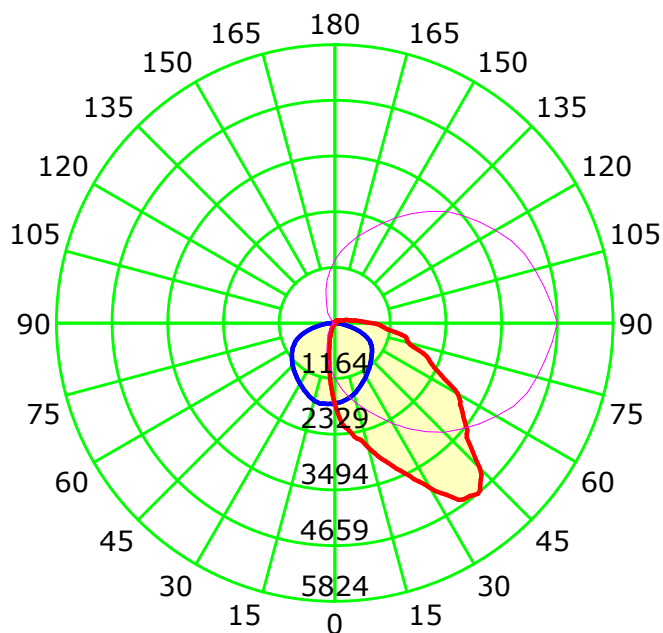
Luminaire Efficacy Rating (LER): 125.12

Max. Intensity: 4659.21 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 101.0°

— C0-C180 — C90-C270 — G40

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

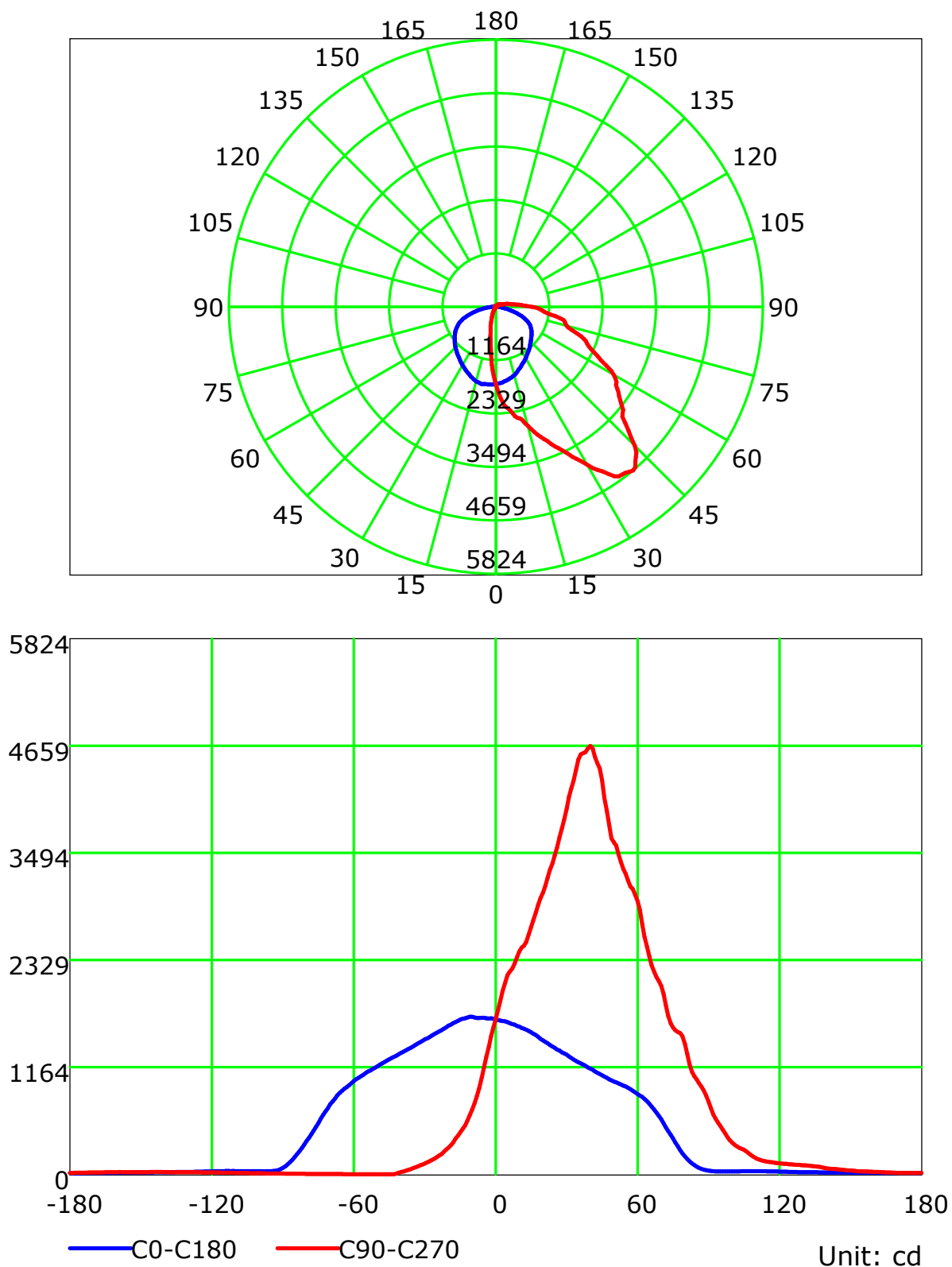
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

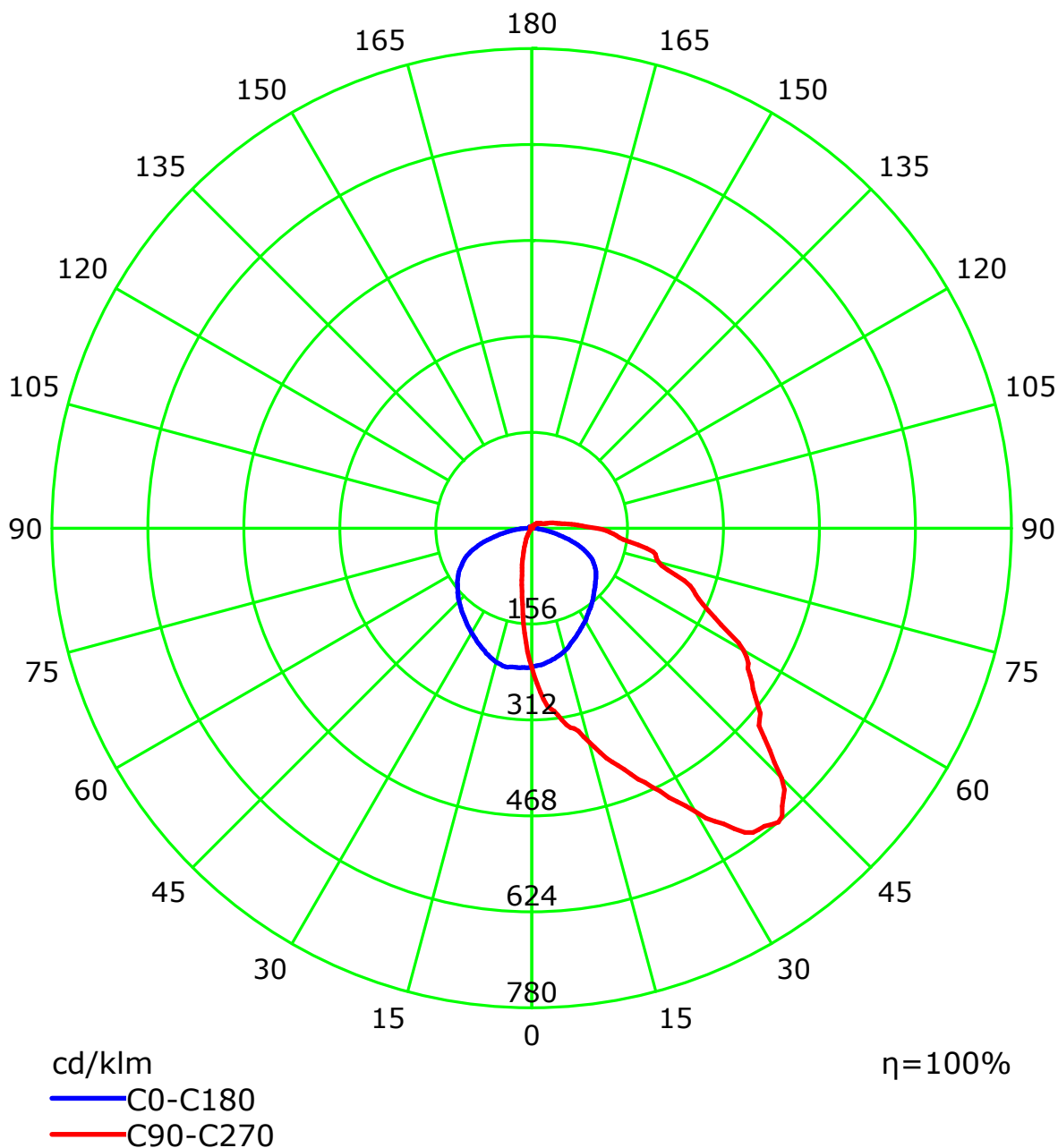
Luminous Intensity Distribution Curve



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:

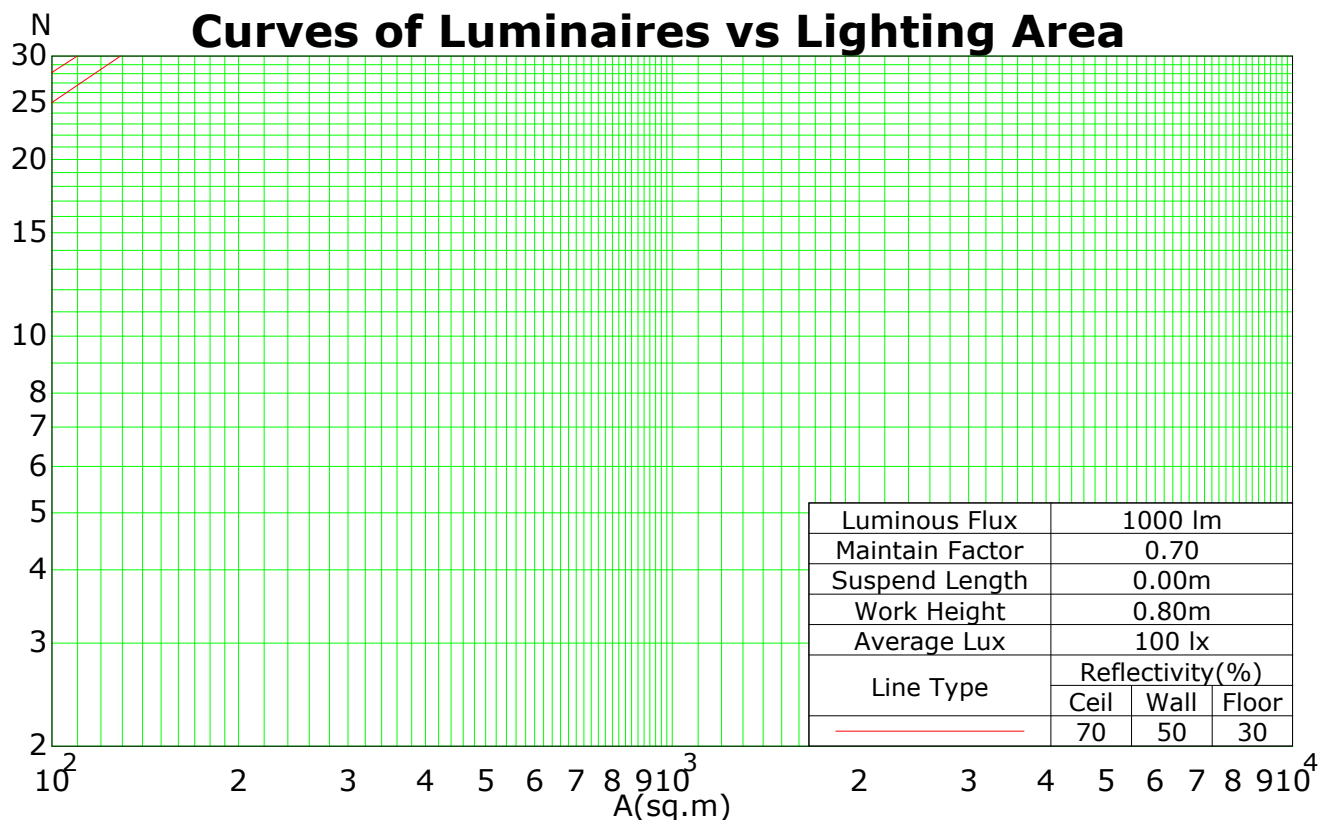
Coefficients Of Utilization - Zonal Cavity Method

| | | | | | | | | | | | | | | | | | | |
|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 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 | 90 | 102 | 96 | 92 | 88 | 91 | 87 | 84 | 86 | 83 | 80 | 81 | 79 | 76 | 74 |
| 2 | 94 | 85 | 77 | 71 | 91 | 82 | 75 | 69 | 78 | 72 | 67 | 73 | 68 | 64 | 70 | 65 | 62 | 59 |
| 3 | 85 | 73 | 64 | 57 | 82 | 71 | 63 | 56 | 67 | 60 | 54 | 64 | 58 | 53 | 60 | 55 | 51 | 48 |
| 4 | 77 | 64 | 55 | 47 | 74 | 62 | 53 | 46 | 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 | 62 | 49 | 40 | 34 | 47 | 39 | 33 | 44 | 37 | 32 | 42 | 36 | 31 | 29 |
| 7 | 60 | 45 | 36 | 30 | 58 | 44 | 35 | 29 | 42 | 34 | 29 | 40 | 33 | 28 | 38 | 32 | 27 | 25 |
| 8 | 55 | 41 | 32 | 26 | 53 | 40 | 32 | 26 | 38 | 31 | 25 | 37 | 30 | 25 | 35 | 29 | 24 | 22 |
| 9 | 52 | 38 | 29 | 23 | 50 | 37 | 28 | 23 | 35 | 28 | 22 | 33 | 27 | 22 | 32 | 26 | 21 | 19 |
| 10 | 48 | 34 | 26 | 21 | 47 | 34 | 26 | 20 | 32 | 25 | 20 | 31 | 24 | 20 | 30 | 24 | 19 | 17 |

Spacing Criteria (0-180): 1.22

Spacing Criteria (90-270): 1.90

Spacing Criteria (Diagonal): 1.67



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

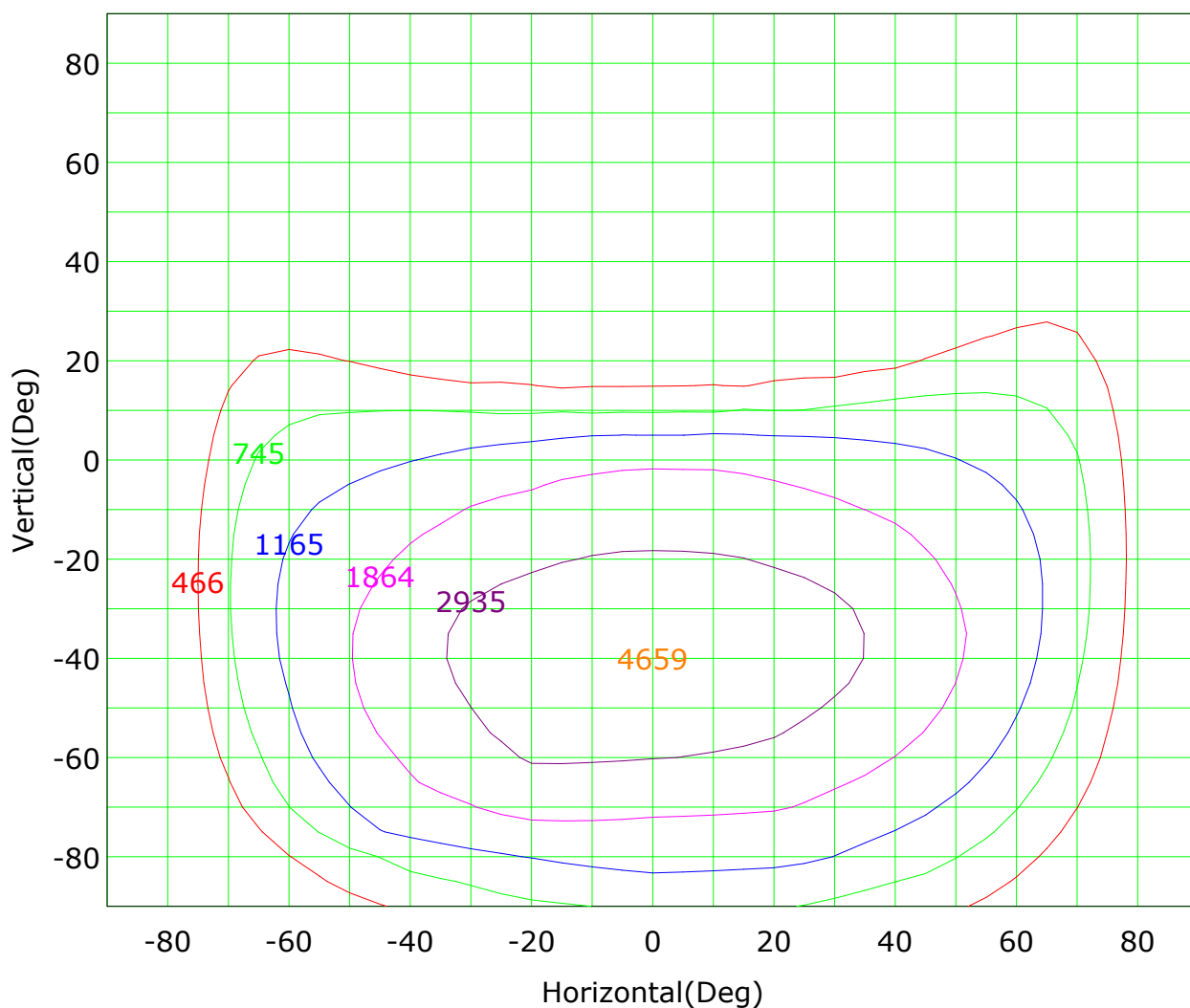
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 4659 cd

| | |
|-----------------|-----------------|
| (10%): 466 cd | (16%): 745 cd |
| (25%): 1165 cd | (40%): 1864 cd |
| (63%): 2935 cd | (100%): 4659 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

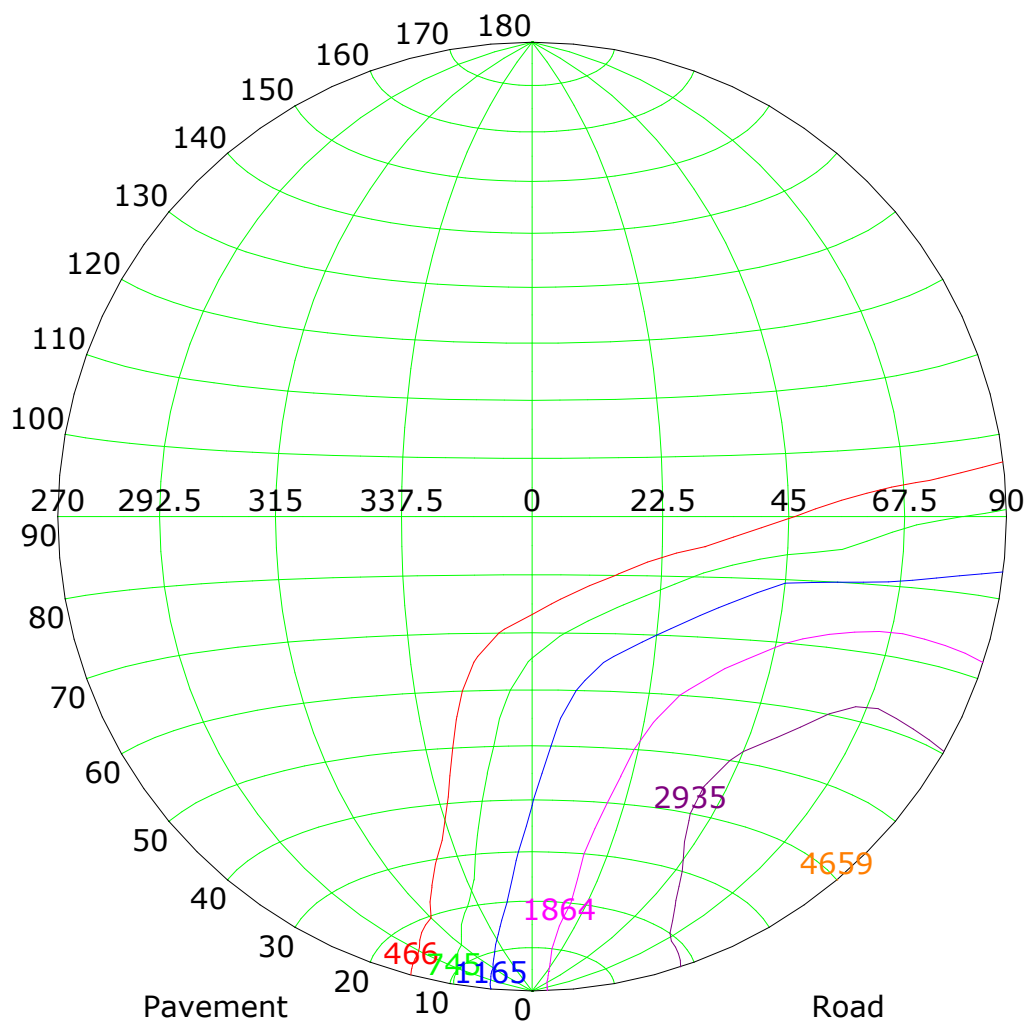
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 4659 cd

| | |
|-----------------|-----------------|
| (10%): 466 cd | (16%): 745 cd |
| (25%): 1165 cd | (40%): 1864 cd |
| (63%): 2935 cd | (100%): 4659 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

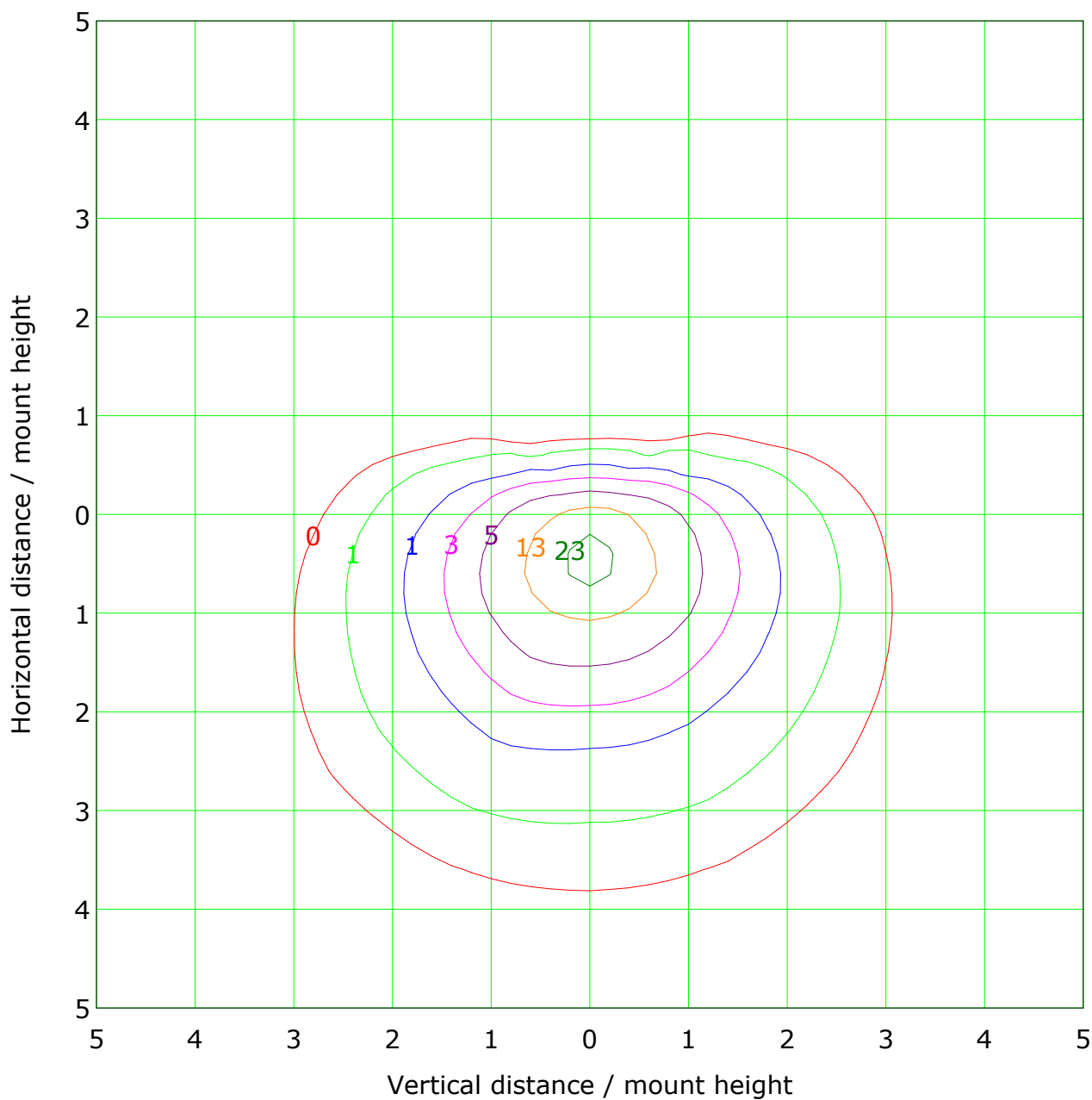
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 26.0 lx

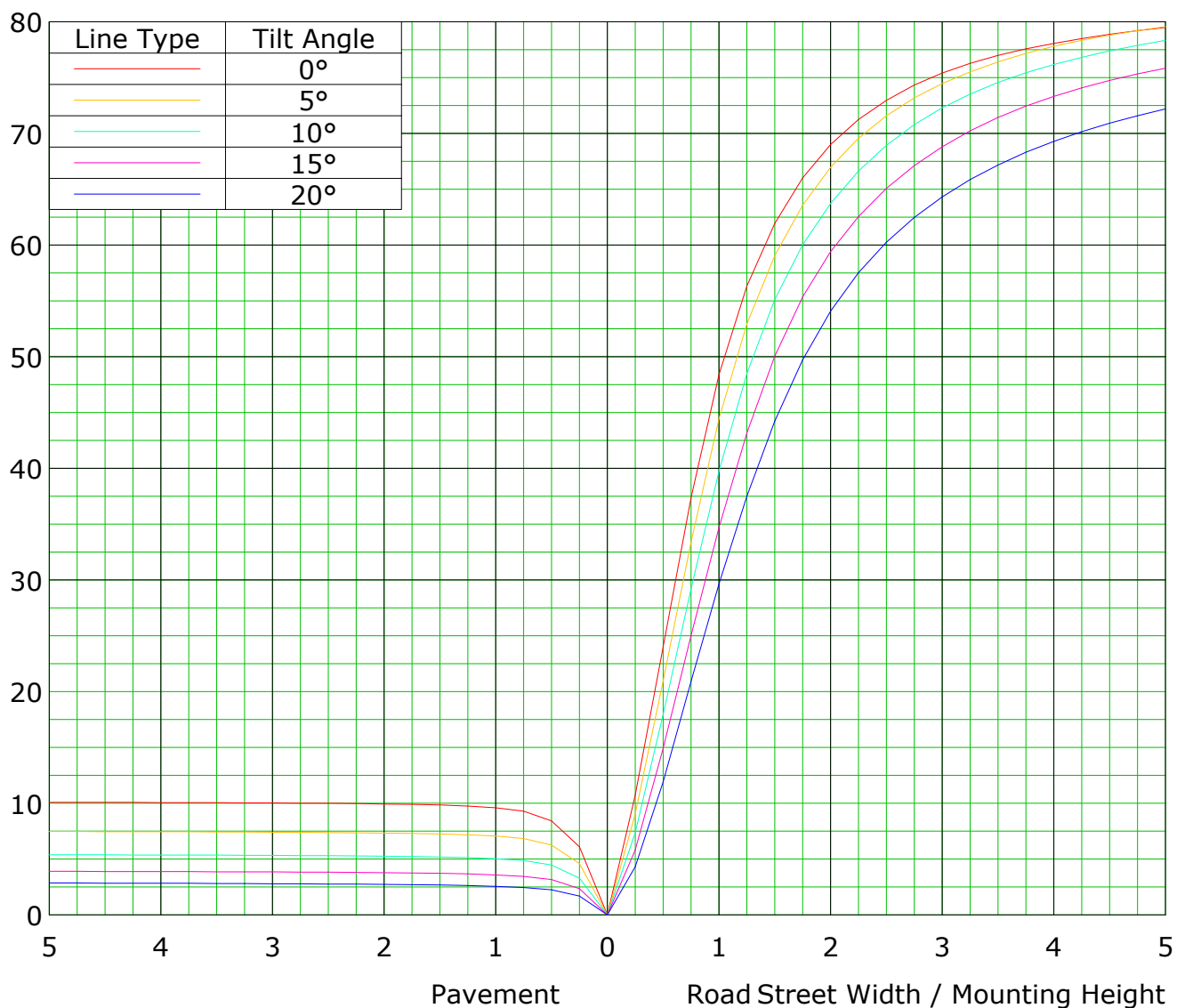
| | |
|-----------------|-----------------|
| (1%): 0.3 lx | (2%): 0.5 lx |
| (5%): 1.3 lx | (10%): 2.6 lx |
| (20%): 5.2 lx | (50%): 13.0 lx |
| (90%): 23.4 lx | (100%): 26.0 lx |

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

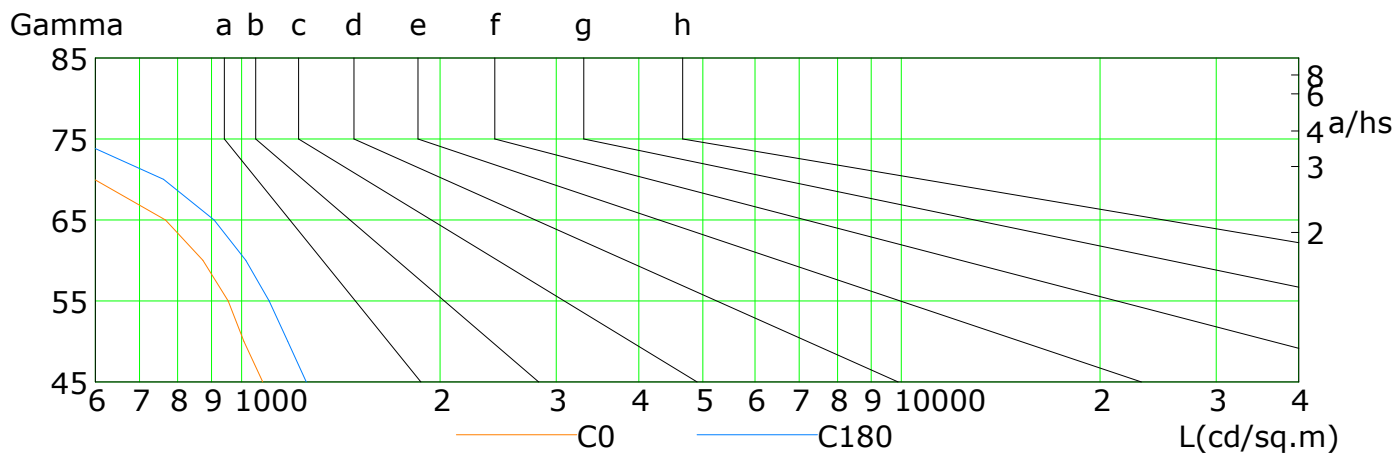
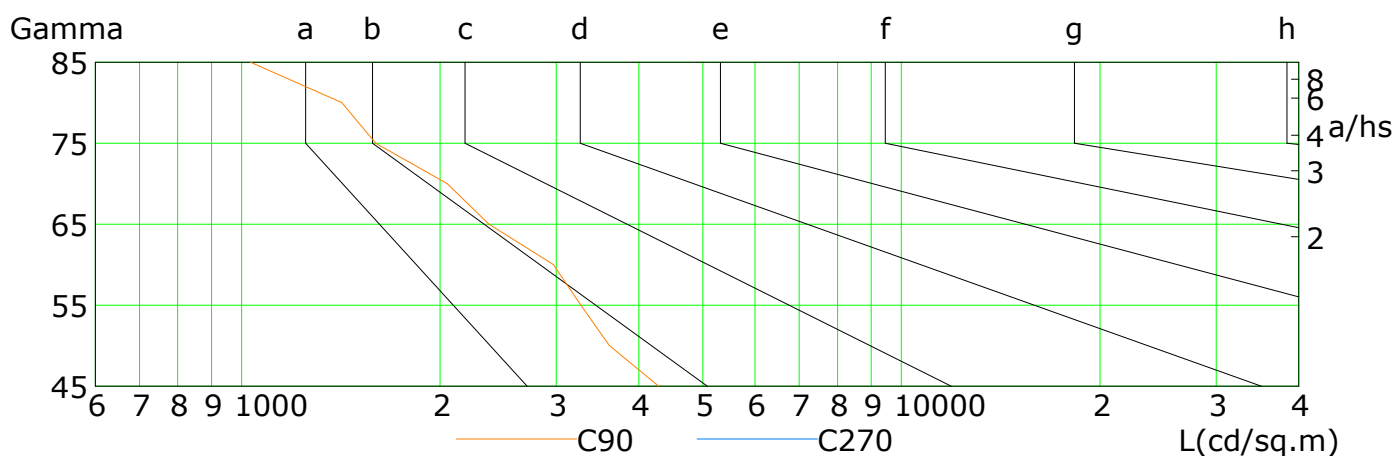
Humidity:

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 | 1077 | 1008 | 955 | 873 | 767 | 598 | 391 | 194 | 84 |
| C90 | 4289 | 3609 | 3268 | 2969 | 2371 | 2048 | 1597 | 1419 | 1032 |
| C180 | 1253 | 1175 | 1101 | 1014 | 909 | 761 | 558 | 361 | 189 |
| C270 | 1 | 2 | 2 | 2 | 3 | 4 | 4 | 5 | 7 |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

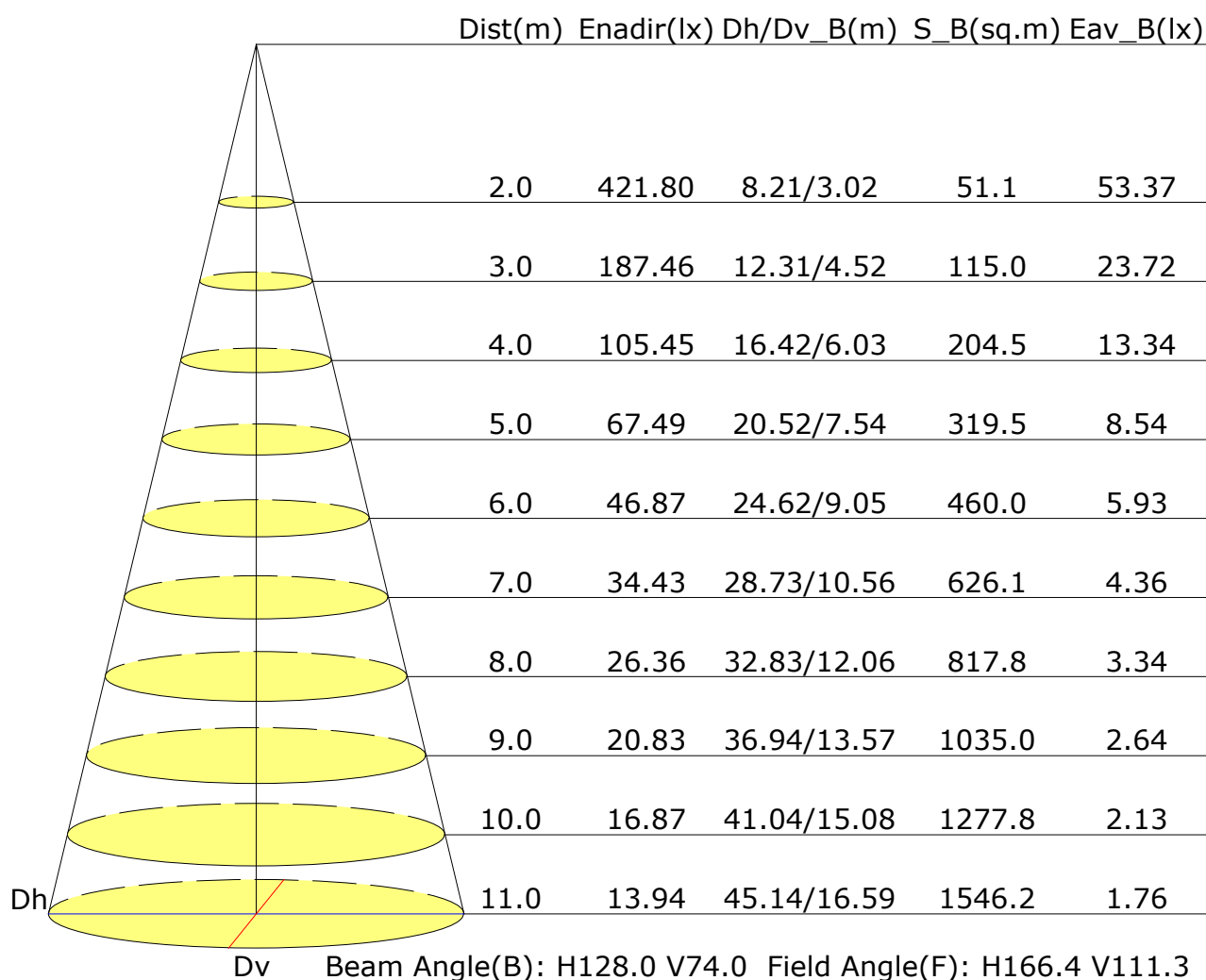
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

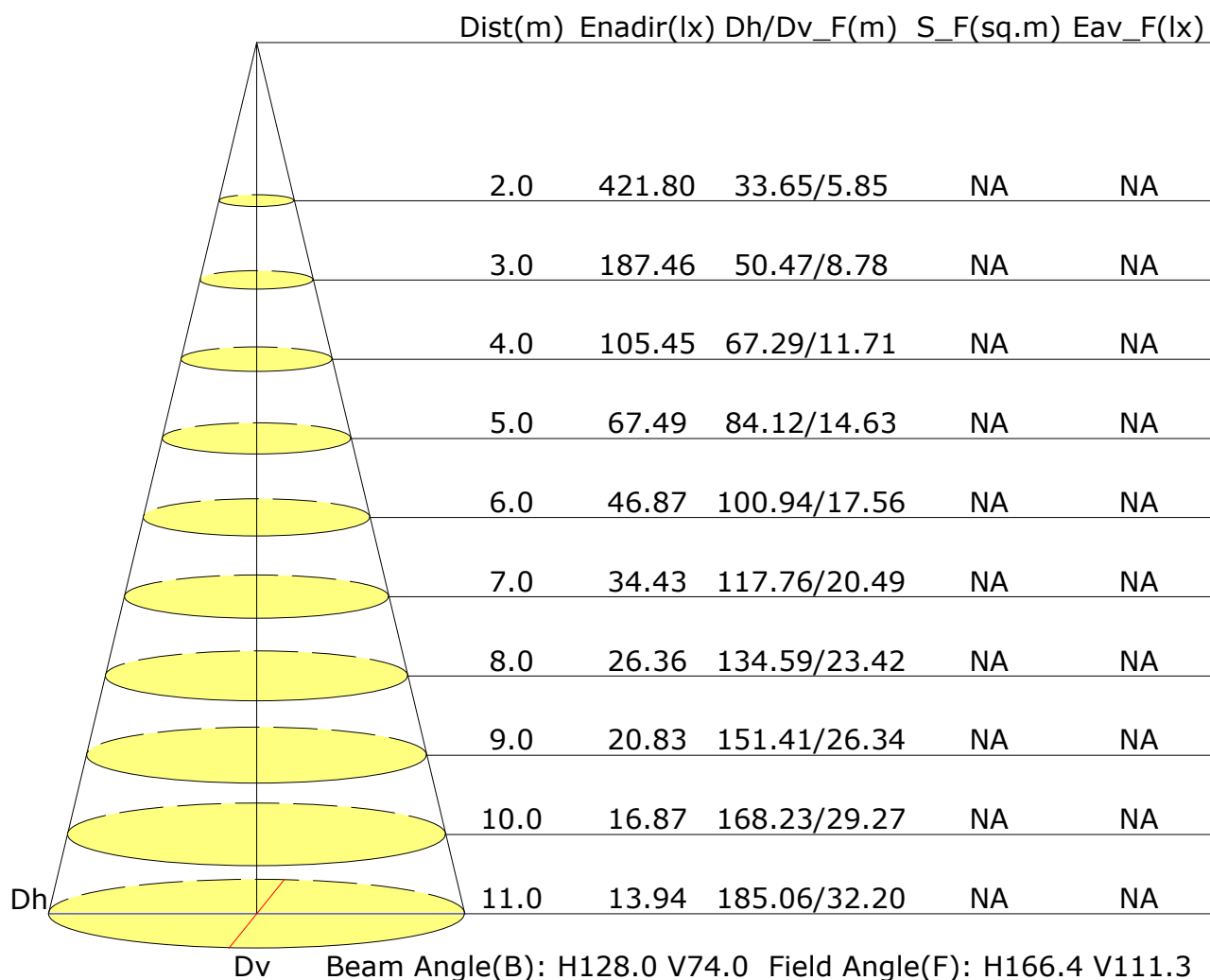
Illuminance at a Distance(Beam Angle)



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:

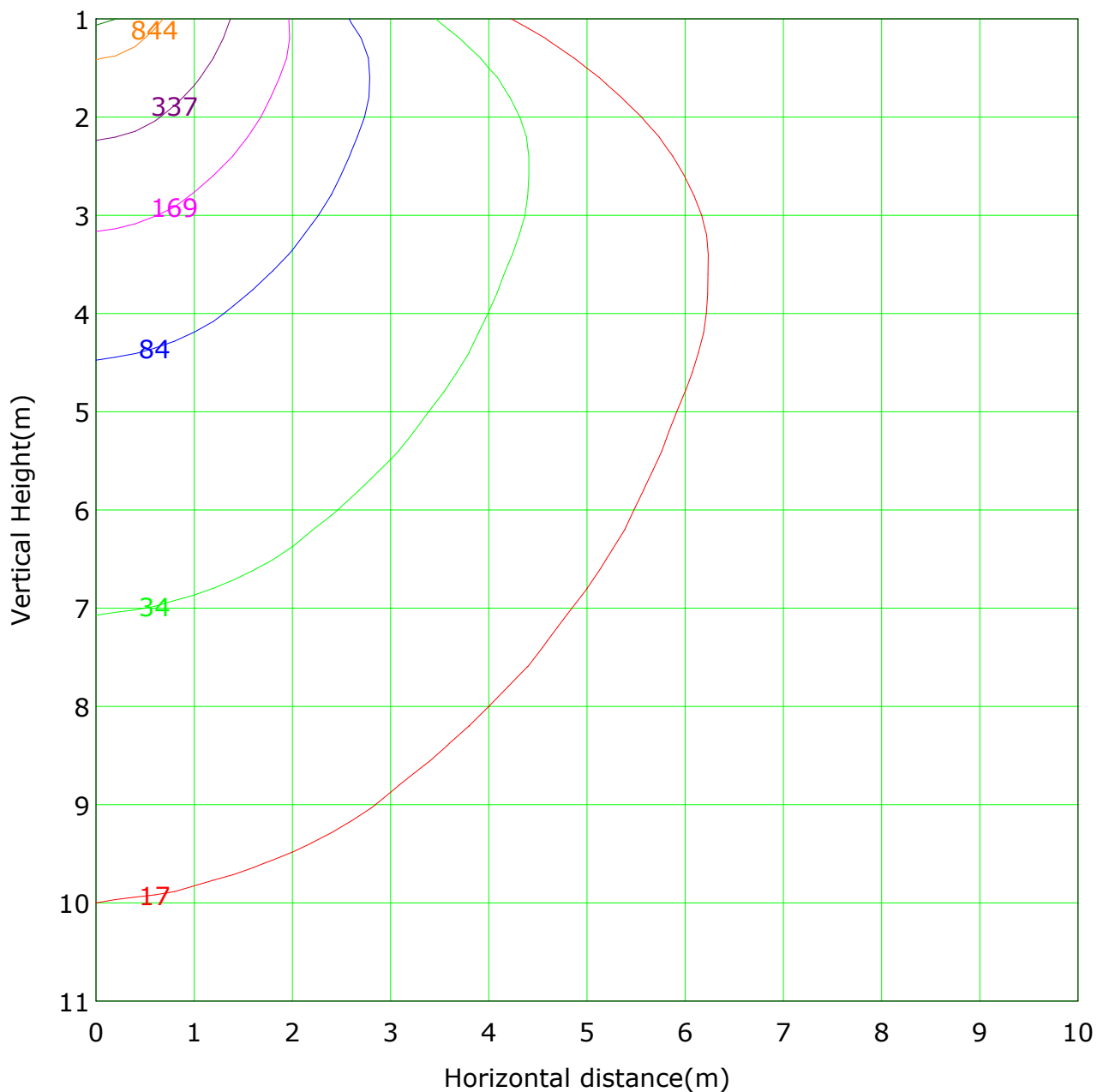
Illuminance at a Distance(Field Angle)



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: 1687.2 lx

| | |
|-------------------|-------------------|
| (1%): 16.9 lx | (2%): 33.7 lx |
| (5%): 84.4 lx | (10%): 168.7 lx |
| (20%): 337.4 lx | (50%): 843.6 lx |
| (90%): 1518.5 lx | (100%): 1687.2 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

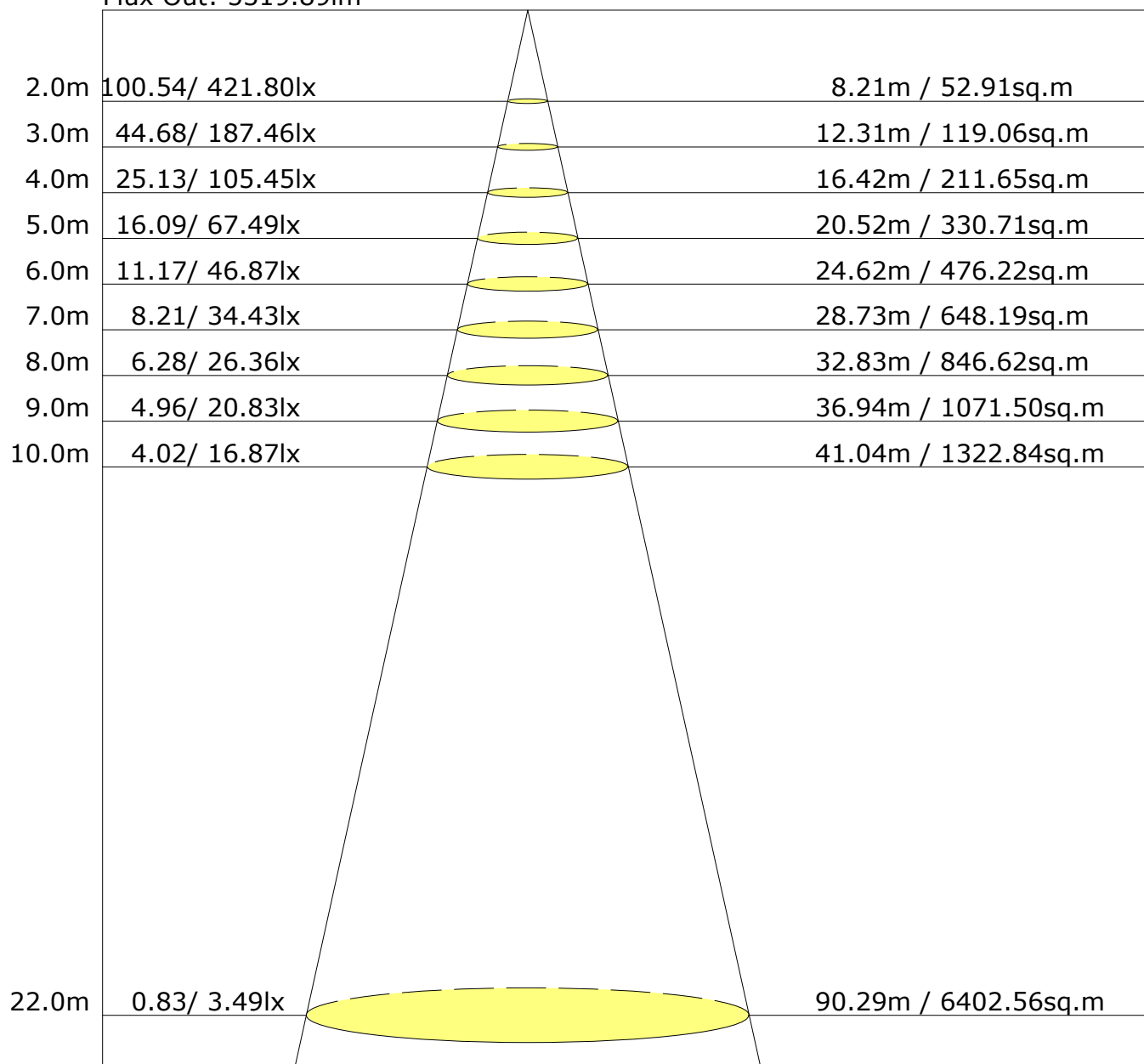
| Vertical plane | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | Flux(T) | Flux(E) |
|------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----|--------|---------|---------|
| | 0.2 | 0.5 | 0.7 | 0.6 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.3 | 0.1 | 6.0 | 0.0 | |
| | 0.2 | 0.7 | 0.9 | 0.8 | 0.5 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.4 | 0.6 | 0.6 | 0.4 | 0.1 | 6.7 | 0.0 | |
| | 0.3 | 1.0 | 1.2 | 1.2 | 0.7 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.5 | 0.9 | 0.8 | 0.6 | 0.1 | 8.7 | 0.0 | |
| | 0.3 | 1.4 | 1.8 | 1.8 | 1.3 | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.9 | 1.2 | 1.2 | 0.8 | 0.2 | 12.5 | 0.0 | |
| | 0.4 | 1.9 | 2.9 | 2.7 | 2.4 | 0.9 | 0.6 | 0.3 | 0.2 | 0.2 | 0.2 | 0.4 | 0.7 | 1.9 | 1.9 | 2.0 | 1.1 | 0.2 | 21.0 | 0.0 | |
| | 0.5 | 2.5 | 4.5 | 4.4 | 4.2 | 3.2 | 2.2 | 2.2 | 2.2 | 2.1 | 1.9 | 1.9 | 2.7 | 3.5 | 3.5 | 3.4 | 1.6 | 0.2 | 46.7 | 0.0 | |
| | 0.5 | 3.1 | 6.5 | 7.9 | 7.4 | 7.2 | 6.1 | 5.9 | 6.0 | 5.9 | 5.6 | 5.7 | 6.5 | 6.3 | 6.6 | 5.2 | 2.1 | 0.3 | 94.8 | 11.9 | |
| | 0.6 | 3.7 | 8.6 | 12.3 | 14.2 | 14.3 | 14.4 | 14.4 | 14.5 | 14.2 | 13.7 | 13.5 | 12.9 | 12.3 | 10.5 | 7.1 | 2.6 | 0.3 | 184.4 | 139.2 | |
| | 0.6 | 4.3 | 10.7 | 16.9 | 22.7 | 27.6 | 31.5 | 34.9 | 35.8 | 35.4 | 32.7 | 28.6 | 24.4 | 19.6 | 14.6 | 8.9 | 3.1 | 0.3 | 352.7 | 349.0 | |
| | 0.7 | 4.8 | 12.5 | 21.5 | 31.0 | 40.7 | 50.2 | 58.6 | 63.1 | 62.7 | 56.3 | 47.0 | 37.1 | 27.4 | 18.9 | 10.7 | 3.5 | 0.3 | 546.9 | 543.9 | |
| | 0.7 | 5.0 | 13.9 | 25.4 | 38.4 | 52.2 | 65.7 | 76.2 | 81.5 | 81.6 | 74.4 | 63.9 | 49.2 | 35.0 | 22.9 | 12.2 | 3.8 | 0.4 | 702.2 | 699.5 | |
| | 0.7 | 5.0 | 14.7 | 28.4 | 44.5 | 64.7 | 83.0 | 97.2 | 104.6 | 104.2 | 95.9 | 80.8 | 61.7 | 41.4 | 25.9 | 13.0 | 3.9 | 0.4 | 869.9 | 867.1 | |
| | 0.7 | 4.8 | 14.5 | 29.5 | 48.0 | 72.5 | 96.7 | 117.1 | 129.7 | 130.2 | 118.3 | 95.9 | 70.4 | 45.6 | 27.3 | 12.9 | 3.8 | 0.4 | 1018.3 | 1015.4 | |
| | 0.6 | 4.4 | 13.2 | 27.7 | 46.2 | 69.1 | 91.1 | 111.0 | 123.8 | 125.3 | 115.5 | 93.8 | 68.8 | 45.2 | 26.4 | 12.0 | 3.5 | 0.4 | 978.2 | 974.8 | |
| | 0.6 | 3.8 | 11.3 | 23.6 | 39.7 | 58.4 | 77.0 | 91.1 | 98.1 | 100.6 | 98.6 | 83.4 | 61.3 | 40.7 | 23.4 | 10.5 | 3.1 | 0.4 | 825.3 | 821.2 | |
| | 0.5 | 3.2 | 9.1 | 18.6 | 31.2 | 44.7 | 58.1 | 68.0 | 72.9 | 75.7 | 76.2 | 66.9 | 49.6 | 33.6 | 19.1 | 8.4 | 2.5 | 0.3 | 638.7 | 633.0 | |
| | 0.4 | 2.5 | 6.8 | 13.7 | 22.4 | 31.7 | 40.9 | 47.0 | 50.0 | 50.6 | 48.1 | 41.6 | 33.0 | 23.7 | 13.2 | 6.0 | 2.0 | 0.3 | 434.0 | 424.6 | |
| | 0.4 | 2.0 | 4.9 | 9.4 | 14.9 | 20.6 | 26.3 | 29.9 | 31.7 | 31.0 | 27.9 | 23.7 | 18.2 | 12.7 | 7.8 | 3.8 | 1.4 | 0.3 | 266.8 | 248.2 | |
| Flux(T) | 8.9 | 54.8 | 138.7 | 246.4 | 370.0 | 509.3 | 644.7 | 754.4 | 814.6 | 820.2 | 765.8 | 647.8 | 497.6 | 351.2 | 225.1 | 119.4 | 40.1 | 5.0 | 7014 | | |
| Flux(E) | 0.0 | 30.9 | 119.4 | 229.6 | 353.6 | 493.7 | 630.8 | 740.2 | 799.9 | 806.0 | 751.9 | 634.5 | 482.5 | 335.0 | 206.7 | 98.8 | 14.6 | 0.0 | | 6728 | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | Flux(T) | Flux(E) |
| Horizontal plane | | | | | | | | | | | | | | | | | | | | | |

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: 5319.89lm



Height Avg./Nadir. E Beam Angle:128.0° 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 7465lm ($8\log(F/F_0) = 7.0$).

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:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

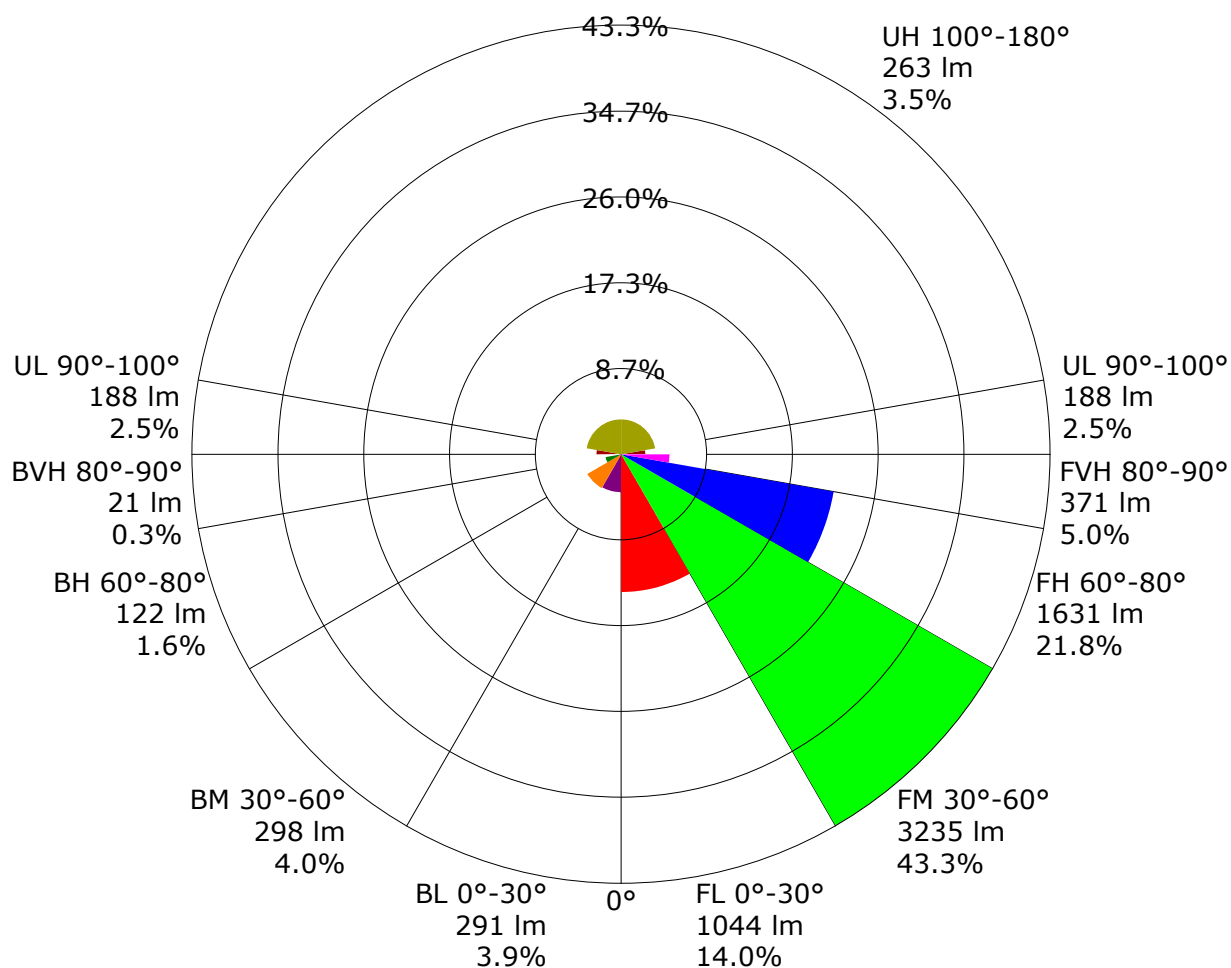
| | ZONE | LUMENS | % LAMP LUMENS |
|--|----------------|--------|---------------|
| | FORWARD LIGHT | 6281 | 84.1 |
| | FL (0°-30°) | 1044 | 14.0 |
| | FM (30°-60°) | 3235 | 43.3 |
| | FH (60°-80°) | 1631 | 21.8 |
| | FVH (80°-90°) | 371 | 5.0 |
| | BACK LIGHT | 733 | 9.8 |
| | BL (0°-30°) | 291 | 3.9 |
| | BM (30°-60°) | 298 | 4.0 |
| | BH (60°-80°) | 122 | 1.6 |
| | BVH (80°-90°) | 21 | 0.3 |
| | UP LIGHT | 451 | 6.0 |
| | UL (90°-100°) | 188 | 2.5 |
| | UH (100°-180°) | 263 | 3.5 |
| | 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 = 1.50 | | | | | | | | | |
|--|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| Room Reflectance | | | Room Index(RI) | | | | | | | | | |
| Ceiling | Wall | Floor | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | |
| 0.70 | 0.50 | 0.20 | 0.51 | 0.59 | 0.67 | 0.73 | 0.80 | 0.86 | 0.89 | 0.95 | 0.98 | |
| | 0.30 | | 0.42 | 0.51 | 0.59 | 0.65 | 0.73 | 0.79 | 0.84 | 0.90 | 0.94 | |
| | 0.20 | | 0.36 | 0.44 | 0.53 | 0.59 | 0.68 | 0.74 | 0.79 | 0.85 | 0.90 | |
| 0.50 | 0.50 | 0.20 | 0.48 | 0.57 | 0.64 | 0.69 | 0.76 | 0.81 | 0.85 | 0.89 | 0.93 | |
| | 0.30 | | 0.41 | 0.49 | 0.57 | 0.62 | 0.70 | 0.76 | 0.80 | 0.85 | 0.89 | |
| | 0.20 | | 0.36 | 0.44 | 0.51 | 0.57 | 0.65 | 0.71 | 0.76 | 0.82 | 0.86 | |
| 0.30 | 0.50 | 0.20 | 0.46 | 0.54 | 0.61 | 0.66 | 0.72 | 0.77 | 0.80 | 0.85 | 0.88 | |
| | 0.30 | | 0.40 | 0.47 | 0.55 | 0.60 | 0.67 | 0.73 | 0.76 | 0.81 | 0.85 | |
| | 0.20 | | 0.35 | 0.42 | 0.50 | 0.55 | 0.63 | 0.69 | 0.73 | 0.78 | 0.82 | |
| 0.00 | 0.00 | 0.00 | 0.32 | 0.39 | 0.46 | 0.51 | 0.59 | 0.64 | 0.68 | 0.73 | 0.76 | |
| <p>Rating:60W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p> | | | | | | | | | | | | |

Utilisation Factor Table(Wall)

| Utilisation Factors UF(W) | | | SHR NOM = 1.50 | | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| 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 | 1.05 | 0.90 | 0.77 | 0.68 | 0.55 | 0.46 | 0.40 | 0.32 | 0.26 | |
| | 0.30 | | 0.88 | 0.77 | 0.67 | 0.60 | 0.50 | 0.43 | 0.37 | 0.30 | 0.25 | |
| | 0.20 | | 0.75 | 0.67 | 0.60 | 0.54 | 0.45 | 0.39 | 0.35 | 0.28 | 0.24 | |
| 0.50 | 0.50 | 0.20 | 1.00 | 0.86 | 0.73 | 0.65 | 0.52 | 0.47 | 0.38 | 0.30 | 0.25 | |
| | 0.30 | | 0.85 | 0.75 | 0.65 | 0.58 | 0.48 | 0.41 | 0.36 | 0.29 | 0.24 | |
| | 0.20 | | 0.74 | 0.66 | 0.58 | 0.52 | 0.44 | 0.38 | 0.34 | 0.27 | 0.23 | |
| 0.30 | 0.50 | 0.20 | 0.96 | 0.82 | 0.70 | 0.61 | 0.50 | 0.42 | 0.36 | 0.29 | 0.24 | |
| | 0.30 | | 0.82 | 0.72 | 0.63 | 0.56 | 0.46 | 0.39 | 0.34 | 0.27 | 0.23 | |
| | 0.20 | | 0.72 | 0.64 | 0.57 | 0.51 | 0.43 | 0.37 | 0.32 | 0.26 | 0.22 | |
| 0.00 | 0.00 | 0.00 | 0.62 | 0.55 | 0.47 | 0.42 | 0.35 | 0.30 | 0.26 | 0.21 | 0.18 | |
| Rating:60W 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(Ceiling cavity)

| Utilisation Factors UF(C) | | | SHR NOM = 1.50 | | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| Room Reflectance | | | Room Index(RI) | | | | | | | | | |
| Ceiling | Wall | Floor | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | |
| 0.70 | 0.50 | 0.20 | 0.23 | 0.24 | 0.25 | 0.25 | 0.26 | 0.27 | 0.27 | 0.28 | 0.28 | |
| | 0.30 | | 0.15 | 0.17 | 0.18 | 0.19 | 0.21 | 0.22 | 0.23 | 0.24 | 0.25 | |
| | 0.20 | | 0.10 | 0.12 | 0.13 | 0.14 | 0.16 | 0.18 | 0.19 | 0.21 | 0.22 | |
| 0.50 | 0.50 | 0.20 | 0.22 | 0.23 | 0.24 | 0.24 | 0.25 | 0.26 | 0.26 | 0.26 | 0.27 | |
| | 0.30 | | 0.15 | 0.17 | 0.18 | 0.19 | 0.20 | 0.21 | 0.22 | 0.23 | 0.24 | |
| | 0.20 | | 0.10 | 0.11 | 0.13 | 0.14 | 0.16 | 0.17 | 0.18 | 0.20 | 0.21 | |
| 0.30 | 0.50 | 0.20 | 0.21 | 0.22 | 0.23 | 0.24 | 0.24 | 0.25 | 0.25 | 0.25 | 0.25 | |
| | 0.30 | | 0.15 | 0.16 | 0.17 | 0.18 | 0.20 | 0.21 | 0.21 | 0.22 | 0.23 | |
| | 0.20 | | 0.10 | 0.11 | 0.13 | 0.14 | 0.15 | 0.17 | 0.18 | 0.19 | 0.20 | |
| 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:60W 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 | 1687.8 | 1.6 | 1.6 | 0.02 | 0.02 |
| 1.0-2.0 | 1689.0 | 4.8 | 6.5 | 0.06 | 0.09 |
| 2.0-3.0 | 1688.8 | 8.1 | 14.5 | 0.11 | 0.19 |
| 3.0-4.0 | 1685.9 | 11.3 | 25.8 | 0.15 | 0.35 |
| 4.0-5.0 | 1680.1 | 14.5 | 40.3 | 0.19 | 0.54 |
| 5.0-6.0 | 1668.0 | 17.5 | 57.8 | 0.23 | 0.77 |
| 6.0-7.0 | 1648.6 | 20.5 | 78.3 | 0.27 | 1.05 |
| 7.0-8.0 | 1628.5 | 23.3 | 101.6 | 0.31 | 1.36 |
| 8.0-9.0 | 1612.2 | 26.1 | 127.7 | 0.35 | 1.71 |
| 9.0-10.0 | 1600.1 | 29.0 | 156.7 | 0.39 | 2.10 |
| 10.0-11.0 | 1591.5 | 31.8 | 188.5 | 0.43 | 2.52 |
| 11.0-12.0 | 1582.4 | 34.6 | 223.1 | 0.46 | 2.99 |
| 12.0-13.0 | 1570.9 | 37.3 | 260.4 | 0.50 | 3.49 |
| 13.0-14.0 | 1561.0 | 40.0 | 300.3 | 0.54 | 4.02 |
| 14.0-15.0 | 1556.4 | 42.7 | 343.1 | 0.57 | 4.60 |
| 15.0-16.0 | 1554.4 | 45.6 | 388.6 | 0.61 | 5.21 |
| 16.0-17.0 | 1552.0 | 48.3 | 437.0 | 0.65 | 5.85 |
| 17.0-18.0 | 1550.5 | 51.1 | 488.1 | 0.68 | 6.54 |
| 18.0-19.0 | 1550.9 | 54.0 | 542.0 | 0.72 | 7.26 |
| 19.0-20.0 | 1552.4 | 56.8 | 598.9 | 0.76 | 8.02 |
| 20.0-21.0 | 1554.7 | 59.7 | 658.6 | 0.80 | 8.82 |
| 21.0-22.0 | 1558.0 | 62.6 | 721.2 | 0.84 | 9.66 |
| 22.0-23.0 | 1564.6 | 65.7 | 786.9 | 0.88 | 10.54 |
| 23.0-24.0 | 1574.0 | 68.8 | 855.7 | 0.92 | 11.46 |
| 24.0-25.0 | 1583.8 | 72.0 | 927.7 | 0.96 | 12.43 |
| 25.0-26.0 | 1591.7 | 75.1 | 1002.9 | 1.01 | 13.43 |
| 26.0-27.0 | 1600.0 | 78.3 | 1081.1 | 1.05 | 14.48 |
| 27.0-28.0 | 1609.5 | 81.5 | 1162.6 | 1.09 | 15.57 |
| 28.0-29.0 | 1619.3 | 84.7 | 1247.4 | 1.13 | 16.71 |
| 29.0-30.0 | 1630.3 | 88.0 | 1335.4 | 1.18 | 17.89 |
| 30.0-31.0 | 1642.0 | 91.4 | 1426.8 | 1.22 | 19.11 |
| 31.0-32.0 | 1655.1 | 94.8 | 1521.6 | 1.27 | 20.38 |
| 32.0-33.0 | 1668.7 | 98.3 | 1619.9 | 1.32 | 21.70 |
| 33.0-34.0 | 1682.1 | 101.8 | 1721.8 | 1.36 | 23.06 |
| 34.0-35.0 | 1695.9 | 105.3 | 1827.1 | 1.41 | 24.47 |
| 35.0-36.0 | 1706.9 | 108.7 | 1935.8 | 1.46 | 25.93 |

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 | 1712.2 | 111.7 | 2047.5 | 1.50 | 27.43 |
| 37.0-38.0 | 1712.4 | 114.3 | 2161.8 | 1.53 | 28.96 |
| 38.0-39.0 | 1711.7 | 116.8 | 2278.6 | 1.57 | 30.52 |
| 39.0-40.0 | 1713.3 | 119.5 | 2398.1 | 1.60 | 32.12 |
| 40.0-41.0 | 1712.2 | 121.9 | 2520.1 | 1.63 | 33.76 |
| 41.0-42.0 | 1702.5 | 123.7 | 2643.8 | 1.66 | 35.41 |
| 42.0-43.0 | 1686.5 | 124.9 | 2768.7 | 1.67 | 37.09 |
| 43.0-44.0 | 1668.4 | 125.9 | 2894.7 | 1.69 | 38.78 |
| 44.0-45.0 | 1648.4 | 126.7 | 3021.4 | 1.70 | 40.47 |
| 45.0-46.0 | 1623.2 | 127.0 | 3148.3 | 1.70 | 42.17 |
| 46.0-47.0 | 1593.0 | 126.7 | 3275.1 | 1.70 | 43.87 |
| 47.0-48.0 | 1561.7 | 126.3 | 3401.3 | 1.69 | 45.56 |
| 48.0-49.0 | 1529.0 | 125.6 | 3526.9 | 1.68 | 47.24 |
| 49.0-50.0 | 1498.3 | 124.9 | 3651.8 | 1.67 | 48.92 |
| 50.0-51.0 | 1472.7 | 124.6 | 3776.5 | 1.67 | 50.59 |
| 51.0-52.0 | 1449.3 | 124.4 | 3900.9 | 1.67 | 52.25 |
| 52.0-53.0 | 1425.3 | 124.0 | 4024.9 | 1.66 | 53.91 |
| 53.0-54.0 | 1399.0 | 123.3 | 4148.2 | 1.65 | 55.57 |
| 54.0-55.0 | 1372.1 | 122.5 | 4270.7 | 1.64 | 57.21 |
| 55.0-56.0 | 1346.4 | 121.7 | 4392.4 | 1.63 | 58.84 |
| 56.0-57.0 | 1320.7 | 120.8 | 4513.1 | 1.62 | 60.45 |
| 57.0-58.0 | 1295.8 | 119.8 | 4633.0 | 1.61 | 62.06 |
| 58.0-59.0 | 1270.9 | 118.8 | 4751.8 | 1.59 | 63.65 |
| 59.0-60.0 | 1243.3 | 117.5 | 4869.3 | 1.57 | 65.23 |
| 60.0-61.0 | 1213.1 | 115.8 | 4985.1 | 1.55 | 66.78 |
| 61.0-62.0 | 1179.9 | 113.7 | 5098.8 | 1.52 | 68.30 |
| 62.0-63.0 | 1141.5 | 111.0 | 5209.8 | 1.49 | 69.79 |
| 63.0-64.0 | 1101.5 | 108.1 | 5317.9 | 1.45 | 71.23 |
| 64.0-65.0 | 1062.4 | 105.2 | 5423.1 | 1.41 | 72.64 |
| 65.0-66.0 | 1024.4 | 102.2 | 5525.3 | 1.37 | 74.01 |
| 66.0-67.0 | 987.6 | 99.3 | 5624.6 | 1.33 | 75.34 |
| 67.0-68.0 | 952.4 | 96.5 | 5721.1 | 1.29 | 76.64 |
| 68.0-69.0 | 920.3 | 93.9 | 5815.0 | 1.26 | 77.89 |
| 69.0-70.0 | 890.4 | 91.5 | 5906.4 | 1.23 | 79.12 |
| 70.0-71.0 | 857.8 | 88.7 | 5995.1 | 1.19 | 80.31 |
| 71.0-72.0 | 816.7 | 84.9 | 6080.0 | 1.14 | 81.44 |

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 | 770.2 | 80.6 | 6160.6 | 1.08 | 82.52 |
| 73.0-74.0 | 725.8 | 76.3 | 6236.9 | 1.02 | 83.54 |
| 74.0-75.0 | 684.5 | 72.3 | 6309.2 | 0.97 | 84.51 |
| 75.0-76.0 | 646.2 | 68.6 | 6377.8 | 0.92 | 85.43 |
| 76.0-77.0 | 612.7 | 65.3 | 6443.2 | 0.88 | 86.31 |
| 77.0-78.0 | 583.6 | 62.5 | 6505.7 | 0.84 | 87.14 |
| 78.0-79.0 | 556.5 | 59.8 | 6565.5 | 0.80 | 87.95 |
| 79.0-80.0 | 528.1 | 56.9 | 6622.4 | 0.76 | 88.71 |
| 80.0-81.0 | 493.8 | 53.4 | 6675.8 | 0.72 | 89.42 |
| 81.0-82.0 | 455.1 | 49.4 | 6725.2 | 0.66 | 90.09 |
| 82.0-83.0 | 417.1 | 45.3 | 6770.5 | 0.61 | 90.69 |
| 83.0-84.0 | 383.8 | 41.8 | 6812.3 | 0.56 | 91.25 |
| 84.0-85.0 | 357.1 | 39.0 | 6851.3 | 0.52 | 91.77 |
| 85.0-86.0 | 335.0 | 36.6 | 6887.9 | 0.49 | 92.27 |
| 86.0-87.0 | 316.0 | 34.6 | 6922.5 | 0.46 | 92.73 |
| 87.0-88.0 | 298.2 | 32.7 | 6955.2 | 0.44 | 93.17 |
| 88.0-89.0 | 279.7 | 30.7 | 6985.8 | 0.41 | 93.58 |
| 89.0-90.0 | 260.0 | 28.5 | 7014.4 | 0.38 | 93.96 |
| 90.0-91.0 | 239.4 | 26.2 | 7040.6 | 0.35 | 94.31 |
| 91.0-92.0 | 219.7 | 24.1 | 7064.7 | 0.32 | 94.63 |
| 92.0-93.0 | 202.1 | 22.1 | 7086.8 | 0.30 | 94.93 |
| 93.0-94.0 | 186.3 | 20.4 | 7107.2 | 0.27 | 95.20 |
| 94.0-95.0 | 172.6 | 18.9 | 7126.1 | 0.25 | 95.46 |
| 95.0-96.0 | 160.7 | 17.5 | 7143.6 | 0.24 | 95.69 |
| 96.0-97.0 | 149.6 | 16.3 | 7159.9 | 0.22 | 95.91 |
| 97.0-98.0 | 139.0 | 15.1 | 7175.0 | 0.20 | 96.11 |
| 98.0-99.0 | 128.9 | 14.0 | 7189.0 | 0.19 | 96.30 |
| 99.0-100.0 | 119.9 | 13.0 | 7202.0 | 0.17 | 96.47 |
| 100.0-101.0 | 112.1 | 12.1 | 7214.1 | 0.16 | 96.63 |
| 101.0-102.0 | 105.7 | 11.4 | 7225.4 | 0.15 | 96.79 |
| 102.0-103.0 | 100.2 | 10.7 | 7236.2 | 0.14 | 96.93 |
| 103.0-104.0 | 95.1 | 10.1 | 7246.3 | 0.14 | 97.07 |
| 104.0-105.0 | 90.3 | 9.6 | 7255.9 | 0.13 | 97.19 |
| 105.0-106.0 | 85.6 | 9.1 | 7264.9 | 0.12 | 97.32 |
| 106.0-107.0 | 80.9 | 8.5 | 7273.5 | 0.11 | 97.43 |
| 107.0-108.0 | 76.4 | 8.0 | 7281.4 | 0.11 | 97.54 |

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 | 72.6 | 7.6 | 7289.0 | 0.10 | 97.64 |
| 109.0-110.0 | 69.2 | 7.2 | 7296.2 | 0.10 | 97.73 |
| 110.0-111.0 | 66.2 | 6.8 | 7303.0 | 0.09 | 97.82 |
| 111.0-112.0 | 63.7 | 6.5 | 7309.5 | 0.09 | 97.91 |
| 112.0-113.0 | 61.4 | 6.2 | 7315.7 | 0.08 | 98.00 |
| 113.0-114.0 | 59.5 | 6.0 | 7321.7 | 0.08 | 98.08 |
| 114.0-115.0 | 57.8 | 5.8 | 7327.4 | 0.08 | 98.15 |
| 115.0-116.0 | 56.5 | 5.6 | 7333.0 | 0.07 | 98.23 |
| 116.0-117.0 | 55.2 | 5.4 | 7338.4 | 0.07 | 98.30 |
| 117.0-118.0 | 53.9 | 5.2 | 7343.7 | 0.07 | 98.37 |
| 118.0-119.0 | 52.8 | 5.1 | 7348.8 | 0.07 | 98.44 |
| 119.0-120.0 | 51.7 | 4.9 | 7353.7 | 0.07 | 98.50 |
| 120.0-121.0 | 50.8 | 4.8 | 7358.5 | 0.06 | 98.57 |
| 121.0-122.0 | 49.9 | 4.7 | 7363.2 | 0.06 | 98.63 |
| 122.0-123.0 | 49.1 | 4.5 | 7367.7 | 0.06 | 98.69 |
| 123.0-124.0 | 48.2 | 4.4 | 7372.1 | 0.06 | 98.75 |
| 124.0-125.0 | 47.4 | 4.3 | 7376.4 | 0.06 | 98.81 |
| 125.0-126.0 | 46.6 | 4.2 | 7380.6 | 0.06 | 98.86 |
| 126.0-127.0 | 46.0 | 4.1 | 7384.6 | 0.05 | 98.92 |
| 127.0-128.0 | 45.3 | 3.9 | 7388.6 | 0.05 | 98.97 |
| 128.0-129.0 | 44.7 | 3.8 | 7392.4 | 0.05 | 99.02 |
| 129.0-130.0 | 44.1 | 3.7 | 7396.1 | 0.05 | 99.07 |
| 130.0-131.0 | 43.5 | 3.6 | 7399.8 | 0.05 | 99.12 |
| 131.0-132.0 | 42.8 | 3.5 | 7403.3 | 0.05 | 99.17 |
| 132.0-133.0 | 42.1 | 3.4 | 7406.7 | 0.05 | 99.21 |
| 133.0-134.0 | 41.4 | 3.3 | 7410.0 | 0.04 | 99.26 |
| 134.0-135.0 | 40.6 | 3.2 | 7413.1 | 0.04 | 99.30 |
| 135.0-136.0 | 39.8 | 3.1 | 7416.2 | 0.04 | 99.34 |
| 136.0-137.0 | 38.8 | 2.9 | 7419.1 | 0.04 | 99.38 |
| 137.0-138.0 | 37.8 | 2.8 | 7421.9 | 0.04 | 99.42 |
| 138.0-139.0 | 36.7 | 2.7 | 7424.6 | 0.04 | 99.45 |
| 139.0-140.0 | 35.7 | 2.5 | 7427.1 | 0.03 | 99.49 |
| 140.0-141.0 | 34.8 | 2.4 | 7429.6 | 0.03 | 99.52 |
| 141.0-142.0 | 34.0 | 2.3 | 7431.9 | 0.03 | 99.55 |
| 142.0-143.0 | 33.4 | 2.2 | 7434.1 | 0.03 | 99.58 |
| 143.0-144.0 | 32.8 | 2.1 | 7436.3 | 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 | 32.0 | 2.0 | 7438.3 | 0.03 | 99.64 |
| 145.0-146.0 | 31.1 | 1.9 | 7440.2 | 0.03 | 99.66 |
| 146.0-147.0 | 30.2 | 1.8 | 7442.1 | 0.02 | 99.69 |
| 147.0-148.0 | 29.4 | 1.7 | 7443.8 | 0.02 | 99.71 |
| 148.0-149.0 | 28.7 | 1.6 | 7445.4 | 0.02 | 99.73 |
| 149.0-150.0 | 28.0 | 1.6 | 7447.0 | 0.02 | 99.75 |
| 150.0-151.0 | 27.3 | 1.5 | 7448.5 | 0.02 | 99.77 |
| 151.0-152.0 | 26.6 | 1.4 | 7449.9 | 0.02 | 99.79 |
| 152.0-153.0 | 25.8 | 1.3 | 7451.2 | 0.02 | 99.81 |
| 153.0-154.0 | 25.2 | 1.2 | 7452.4 | 0.02 | 99.83 |
| 154.0-155.0 | 24.6 | 1.2 | 7453.5 | 0.02 | 99.84 |
| 155.0-156.0 | 24.0 | 1.1 | 7454.6 | 0.01 | 99.86 |
| 156.0-157.0 | 23.5 | 1.0 | 7455.7 | 0.01 | 99.87 |
| 157.0-158.0 | 22.9 | 1.0 | 7456.6 | 0.01 | 99.88 |
| 158.0-159.0 | 22.3 | 0.9 | 7457.5 | 0.01 | 99.90 |
| 159.0-160.0 | 21.8 | 0.8 | 7458.4 | 0.01 | 99.91 |
| 160.0-161.0 | 21.3 | 0.8 | 7459.1 | 0.01 | 99.92 |
| 161.0-162.0 | 20.8 | 0.7 | 7459.9 | 0.01 | 99.93 |
| 162.0-163.0 | 20.3 | 0.7 | 7460.5 | 0.01 | 99.94 |
| 163.0-164.0 | 19.7 | 0.6 | 7461.1 | 0.01 | 99.94 |
| 164.0-165.0 | 19.2 | 0.6 | 7461.7 | 0.01 | 99.95 |
| 165.0-166.0 | 18.6 | 0.5 | 7462.2 | 0.01 | 99.96 |
| 166.0-167.0 | 18.1 | 0.5 | 7462.7 | 0.01 | 99.96 |
| 167.0-168.0 | 17.6 | 0.4 | 7463.1 | 0.01 | 99.97 |
| 168.0-169.0 | 17.2 | 0.4 | 7463.5 | 0.01 | 99.98 |
| 169.0-170.0 | 16.7 | 0.3 | 7463.8 | 0.00 | 99.98 |
| 170.0-171.0 | 16.4 | 0.3 | 7464.1 | 0.00 | 99.98 |
| 171.0-172.0 | 16.1 | 0.3 | 7464.4 | 0.00 | 99.99 |
| 172.0-173.0 | 16.0 | 0.2 | 7464.6 | 0.00 | 99.99 |
| 173.0-174.0 | 15.9 | 0.2 | 7464.8 | 0.00 | 99.99 |
| 174.0-175.0 | 15.8 | 0.2 | 7465.0 | 0.00 | 100.00 |
| 175.0-176.0 | 15.6 | 0.1 | 7465.1 | 0.00 | 100.00 |
| 176.0-177.0 | 15.6 | 0.1 | 7465.2 | 0.00 | 100.00 |
| 177.0-178.0 | 15.6 | 0.1 | 7465.3 | 0.00 | 100.00 |
| 178.0-179.0 | 15.4 | 0.0 | 7465.3 | 0.00 | 100.00 |
| 179.0-180.0 | 15.4 | 0.0 | 7465.3 | 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 | 1687.2 | 1687.2 | 1687.2 | 1687.2 | 1687.2 | 1687.2 | 1687.2 | 1687.2 | 1687.2 | 1687.2 |
| G1.0 | 1678.1 | 1717.0 | 1752.1 | 1777.8 | 1786.8 | 1774.8 | 1753.3 | 1728.1 | 1691.9 | 1654.4 |
| G2.0 | 1671.9 | 1748.3 | 1815.1 | 1861.8 | 1884.3 | 1865.1 | 1823.8 | 1763.1 | 1697.6 | 1624.0 |
| G3.0 | 1667.7 | 1777.1 | 1884.9 | 1964.5 | 1993.8 | 1970.6 | 1899.2 | 1802.8 | 1694.9 | 1588.7 |
| G4.0 | 1663.8 | 1812.1 | 1961.8 | 2060.5 | 2082.8 | 2054.7 | 1969.4 | 1843.1 | 1697.1 | 1553.1 |
| G5.0 | 1656.3 | 1842.8 | 2028.9 | 2135.7 | 2165.4 | 2128.5 | 2034.5 | 1879.8 | 1701.9 | 1514.7 |
| G6.0 | 1644.1 | 1870.1 | 2086.9 | 2192.9 | 2203.2 | 2172.5 | 2084.9 | 1910.6 | 1701.9 | 1474.1 |
| G7.0 | 1634.7 | 1902.9 | 2137.1 | 2216.9 | 2236.6 | 2202.5 | 2122.7 | 1947.8 | 1701.1 | 1427.8 |
| G8.0 | 1627.2 | 1932.7 | 2171.7 | 2252.4 | 2289.6 | 2241.4 | 2147.1 | 1976.9 | 1701.5 | 1385.6 |
| G9.0 | 1615.3 | 1965.9 | 2191.7 | 2303.6 | 2355.4 | 2292.0 | 2168.6 | 2001.0 | 1706.3 | 1340.5 |
| G10.0 | 1607.4 | 1987.3 | 2209.0 | 2366.0 | 2425.3 | 2363.1 | 2207.4 | 2030.5 | 1713.8 | 1302.4 |
| G11.0 | 1592.8 | 2006.1 | 2239.8 | 2441.7 | 2467.9 | 2422.0 | 2243.0 | 2056.1 | 1712.7 | 1265.7 |
| G12.0 | 1584.1 | 2021.3 | 2279.1 | 2483.9 | 2486.0 | 2448.8 | 2288.3 | 2074.7 | 1706.3 | 1229.2 |
| G13.0 | 1571.9 | 2032.8 | 2314.1 | 2500.2 | 2527.2 | 2467.5 | 2338.5 | 2087.7 | 1696.1 | 1181.9 |
| G14.0 | 1558.6 | 2042.1 | 2347.6 | 2526.1 | 2610.2 | 2511.0 | 2382.6 | 2084.3 | 1690.9 | 1136.4 |
| G15.0 | 1544.9 | 2044.4 | 2374.9 | 2591.1 | 2687.3 | 2593.3 | 2403.5 | 2086.2 | 1683.4 | 1090.1 |
| G16.0 | 1529.7 | 2046.0 | 2401.6 | 2678.3 | 2765.1 | 2671.1 | 2416.2 | 2088.6 | 1669.6 | 1041.9 |
| G17.0 | 1514.3 | 2035.9 | 2416.1 | 2766.5 | 2848.1 | 2747.0 | 2430.6 | 2092.1 | 1656.3 | 995.0 |
| G18.0 | 1494.7 | 2034.4 | 2434.2 | 2853.1 | 2932.2 | 2831.6 | 2461.2 | 2095.3 | 1643.7 | 951.7 |
| G19.0 | 1473.5 | 2025.2 | 2462.5 | 2926.0 | 3002.3 | 2912.9 | 2508.5 | 2105.2 | 1628.6 | 908.7 |
| G20.0 | 1456.4 | 2028.2 | 2502.6 | 2982.3 | 3064.8 | 2994.8 | 2552.3 | 2111.4 | 1618.2 | 869.4 |
| G21.0 | 1440.0 | 2033.5 | 2536.4 | 3028.7 | 3136.5 | 3047.7 | 2605.4 | 2119.2 | 1596.9 | 835.5 |
| G22.0 | 1425.2 | 2040.3 | 2574.6 | 3071.8 | 3224.5 | 3098.6 | 2655.8 | 2131.3 | 1583.3 | 801.7 |
| G23.0 | 1407.2 | 2053.2 | 2611.7 | 3144.5 | 3309.4 | 3176.1 | 2709.1 | 2138.5 | 1568.3 | 771.9 |
| G24.0 | 1390.0 | 2065.3 | 2657.3 | 3234.1 | 3379.5 | 3269.2 | 2758.2 | 2144.9 | 1554.5 | 744.7 |
| G25.0 | 1376.3 | 2078.3 | 2703.6 | 3322.6 | 3468.5 | 3336.4 | 2793.4 | 2149.3 | 1539.4 | 716.3 |
| G26.0 | 1357.0 | 2085.0 | 2740.4 | 3384.8 | 3550.8 | 3399.7 | 2827.0 | 2147.3 | 1526.2 | 689.8 |
| G27.0 | 1345.0 | 2100.7 | 2772.1 | 3448.6 | 3668.6 | 3463.6 | 2842.9 | 2153.9 | 1508.6 | 666.6 |
| G28.0 | 1326.9 | 2106.7 | 2795.6 | 3509.2 | 3758.2 | 3547.8 | 2880.0 | 2156.5 | 1493.3 | 643.3 |
| G29.0 | 1315.5 | 2116.9 | 2819.3 | 3574.2 | 3854.5 | 3613.4 | 2919.0 | 2167.8 | 1478.8 | 622.7 |
| G30.0 | 1300.9 | 2120.5 | 2857.2 | 3651.9 | 3973.8 | 3665.6 | 2955.9 | 2166.7 | 1466.7 | 601.6 |
| G31.0 | 1282.8 | 2116.9 | 2903.0 | 3728.1 | 4105.4 | 3725.1 | 2983.3 | 2169.6 | 1451.2 | 577.8 |
| G32.0 | 1265.5 | 2114.1 | 2952.6 | 3830.4 | 4196.8 | 3820.6 | 3012.8 | 2166.0 | 1436.6 | 556.4 |
| G33.0 | 1248.1 | 2106.7 | 2993.8 | 3924.9 | 4279.4 | 3900.5 | 3058.7 | 2163.1 | 1422.2 | 537.9 |
| G34.0 | 1233.2 | 2097.3 | 3030.0 | 4002.4 | 4400.6 | 3963.7 | 3108.9 | 2159.3 | 1406.3 | 523.2 |
| G35.0 | 1218.0 | 2085.1 | 3062.8 | 4096.8 | 4511.1 | 4039.1 | 3153.2 | 2157.2 | 1389.5 | 508.6 |
| G36.0 | 1206.9 | 2065.2 | 3090.5 | 4167.7 | 4567.3 | 4100.5 | 3190.0 | 2163.1 | 1376.4 | 494.6 |

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:

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 | 1193.3 | 2048.2 | 3125.7 | 4217.2 | 4580.4 | 4139.9 | 3212.9 | 2164.6 | 1362.4 | 480.4 |
| G38.0 | 1178.8 | 2034.0 | 3160.8 | 4221.0 | 4590.7 | 4153.4 | 3235.7 | 2163.7 | 1349.0 | 465.9 |
| G39.0 | 1163.5 | 2027.3 | 3197.5 | 4219.8 | 4628.9 | 4162.4 | 3270.3 | 2163.0 | 1336.0 | 453.4 |
| G40.0 | 1150.2 | 2028.3 | 3233.2 | 4236.3 | 4659.2 | 4178.0 | 3307.5 | 2164.4 | 1321.9 | 440.6 |
| G41.0 | 1137.9 | 2024.3 | 3247.6 | 4250.3 | 4633.1 | 4163.8 | 3344.3 | 2159.9 | 1306.1 | 428.2 |
| G42.0 | 1118.6 | 2016.0 | 3255.6 | 4246.6 | 4542.6 | 4114.3 | 3356.9 | 2159.7 | 1292.0 | 413.5 |
| G43.0 | 1105.1 | 2001.6 | 3253.7 | 4209.7 | 4476.5 | 4059.2 | 3345.0 | 2154.3 | 1279.3 | 400.3 |
| G44.0 | 1090.4 | 1982.9 | 3253.3 | 4166.1 | 4415.4 | 4009.7 | 3314.6 | 2144.0 | 1266.0 | 386.7 |
| G45.0 | 1076.7 | 1962.7 | 3240.0 | 4124.3 | 4288.8 | 3980.5 | 3300.3 | 2126.4 | 1253.1 | 373.2 |
| G46.0 | 1063.1 | 1945.4 | 3208.5 | 4064.2 | 4096.3 | 3926.1 | 3276.8 | 2109.6 | 1239.1 | 364.3 |
| G47.0 | 1050.9 | 1928.9 | 3169.8 | 3983.0 | 3953.5 | 3819.0 | 3245.0 | 2088.4 | 1222.3 | 355.8 |
| G48.0 | 1034.3 | 1916.9 | 3139.5 | 3901.6 | 3803.8 | 3713.2 | 3209.8 | 2067.4 | 1206.8 | 346.1 |
| G49.0 | 1023.3 | 1905.0 | 3100.5 | 3808.9 | 3654.6 | 3598.8 | 3155.4 | 2040.6 | 1193.3 | 336.1 |
| G50.0 | 1007.8 | 1890.0 | 3043.4 | 3731.6 | 3608.6 | 3494.6 | 3094.3 | 2025.4 | 1174.7 | 325.5 |
| G51.0 | 999.3 | 1877.8 | 2986.4 | 3671.0 | 3574.0 | 3397.8 | 3037.4 | 2019.3 | 1160.7 | 316.1 |
| G52.0 | 989.4 | 1856.7 | 2927.6 | 3643.9 | 3478.2 | 3351.6 | 2975.3 | 2012.6 | 1146.2 | 307.9 |
| G53.0 | 978.0 | 1832.1 | 2863.5 | 3605.6 | 3399.6 | 3297.3 | 2911.3 | 1992.0 | 1130.9 | 298.3 |
| G54.0 | 964.4 | 1802.5 | 2802.0 | 3539.4 | 3320.0 | 3237.4 | 2846.9 | 1954.3 | 1118.8 | 289.6 |
| G55.0 | 954.6 | 1779.8 | 2741.5 | 3473.8 | 3267.8 | 3177.6 | 2768.1 | 1925.4 | 1101.3 | 280.8 |
| G56.0 | 941.9 | 1760.9 | 2669.0 | 3431.2 | 3197.7 | 3117.8 | 2697.4 | 1902.9 | 1083.2 | 270.1 |
| G57.0 | 925.7 | 1743.8 | 2607.6 | 3369.9 | 3127.8 | 3055.6 | 2624.9 | 1884.6 | 1067.0 | 261.2 |
| G58.0 | 908.5 | 1721.1 | 2550.4 | 3309.7 | 3102.0 | 2978.6 | 2545.5 | 1869.5 | 1051.0 | 252.1 |
| G59.0 | 892.5 | 1686.8 | 2493.7 | 3261.6 | 3043.2 | 2918.1 | 2475.8 | 1838.8 | 1037.0 | 242.8 |
| G60.0 | 873.4 | 1649.0 | 2442.5 | 3194.6 | 2969.2 | 2848.3 | 2405.9 | 1790.9 | 1014.3 | 234.0 |
| G61.0 | 856.5 | 1616.5 | 2373.7 | 3136.8 | 2874.1 | 2782.2 | 2337.9 | 1751.4 | 991.1 | 225.5 |
| G62.0 | 842.1 | 1581.0 | 2318.5 | 3051.8 | 2720.6 | 2702.2 | 2266.3 | 1712.3 | 968.5 | 216.9 |
| G63.0 | 820.7 | 1537.9 | 2262.6 | 2933.7 | 2583.1 | 2583.8 | 2190.0 | 1669.9 | 950.4 | 207.2 |
| G64.0 | 795.7 | 1494.4 | 2201.6 | 2819.8 | 2475.0 | 2461.2 | 2116.7 | 1625.7 | 931.7 | 198.3 |
| G65.0 | 766.6 | 1444.7 | 2133.8 | 2725.8 | 2370.9 | 2349.2 | 2041.9 | 1572.7 | 908.6 | 190.9 |
| G66.0 | 737.4 | 1401.9 | 2062.1 | 2648.1 | 2273.5 | 2254.0 | 1955.5 | 1517.7 | 886.0 | 182.4 |
| G67.0 | 704.8 | 1349.3 | 1982.6 | 2576.7 | 2203.9 | 2161.8 | 1875.6 | 1457.4 | 859.0 | 173.3 |
| G68.0 | 672.1 | 1288.3 | 1912.0 | 2506.5 | 2146.3 | 2100.5 | 1801.8 | 1390.8 | 823.5 | 166.1 |
| G69.0 | 636.5 | 1219.8 | 1858.9 | 2453.9 | 2103.6 | 2051.5 | 1730.9 | 1322.9 | 793.7 | 160.7 |
| G70.0 | 597.7 | 1158.9 | 1809.4 | 2392.8 | 2047.7 | 2013.6 | 1664.5 | 1265.5 | 761.5 | 152.2 |
| G71.0 | 553.5 | 1102.5 | 1758.7 | 2300.1 | 1961.8 | 1954.3 | 1610.3 | 1194.9 | 717.7 | 145.4 |
| G72.0 | 511.3 | 1056.2 | 1697.1 | 2095.6 | 1837.4 | 1871.5 | 1546.4 | 1120.7 | 683.8 | 140.2 |
| G73.0 | 472.8 | 1001.0 | 1626.9 | 1903.4 | 1726.1 | 1759.3 | 1486.2 | 1061.0 | 648.1 | 135.3 |

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 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 | 430.0 | 942.3 | 1549.7 | 1780.7 | 1641.2 | 1652.0 | 1410.3 | 1005.2 | 604.6 | 127.2 |
| G75.0 | 391.4 | 886.9 | 1471.1 | 1646.2 | 1597.0 | 1553.7 | 1336.8 | 942.9 | 558.2 | 120.6 |
| G76.0 | 347.2 | 830.5 | 1398.8 | 1511.1 | 1566.9 | 1494.2 | 1255.9 | 884.2 | 519.0 | 114.9 |
| G77.0 | 305.4 | 775.0 | 1342.2 | 1421.0 | 1548.7 | 1446.7 | 1185.6 | 834.0 | 474.2 | 108.3 |
| G78.0 | 264.0 | 719.3 | 1283.3 | 1340.2 | 1536.4 | 1414.1 | 1125.7 | 777.1 | 435.9 | 101.8 |
| G79.0 | 227.5 | 666.4 | 1206.7 | 1290.6 | 1502.6 | 1397.0 | 1076.3 | 722.3 | 397.0 | 96.0 |
| G80.0 | 194.2 | 616.8 | 1126.5 | 1213.6 | 1418.6 | 1371.4 | 1030.9 | 671.7 | 361.1 | 90.9 |
| G81.0 | 167.2 | 561.6 | 1017.1 | 1132.9 | 1310.5 | 1298.2 | 980.2 | 618.5 | 321.2 | 85.0 |
| G82.0 | 143.4 | 508.5 | 879.8 | 1065.6 | 1198.7 | 1205.9 | 927.3 | 568.5 | 285.7 | 80.4 |
| G83.0 | 120.3 | 460.3 | 751.2 | 994.2 | 1119.2 | 1113.7 | 869.6 | 524.6 | 252.0 | 75.8 |
| G84.0 | 101.4 | 417.9 | 670.7 | 923.1 | 1066.8 | 1039.6 | 812.8 | 479.7 | 219.6 | 71.7 |
| G85.0 | 84.3 | 377.6 | 642.6 | 868.3 | 1032.1 | 969.4 | 759.9 | 439.0 | 188.6 | 67.6 |
| G86.0 | 70.4 | 333.2 | 615.6 | 838.5 | 992.8 | 911.5 | 710.7 | 403.2 | 159.6 | 64.3 |
| G87.0 | 60.1 | 289.0 | 582.1 | 823.3 | 953.1 | 884.4 | 669.6 | 368.7 | 132.8 | 61.4 |
| G88.0 | 52.1 | 249.0 | 534.4 | 797.6 | 911.7 | 854.0 | 630.3 | 335.5 | 108.1 | 58.4 |
| G89.0 | 44.9 | 226.4 | 491.9 | 752.1 | 859.3 | 816.1 | 591.1 | 307.8 | 86.6 | 56.0 |
| G90.0 | 40.1 | 206.7 | 453.9 | 690.7 | 790.7 | 762.4 | 549.5 | 284.3 | 69.3 | 53.8 |
| G91.0 | 36.6 | 187.9 | 423.5 | 625.7 | 721.1 | 701.1 | 506.1 | 263.9 | 56.0 | 51.8 |
| G92.0 | 34.5 | 173.9 | 395.3 | 567.8 | 655.2 | 639.7 | 465.6 | 244.6 | 46.8 | 50.0 |
| G93.0 | 33.1 | 161.8 | 367.8 | 517.7 | 608.3 | 579.0 | 426.5 | 225.6 | 40.5 | 48.2 |
| G94.0 | 32.4 | 150.4 | 340.0 | 476.4 | 563.9 | 529.7 | 387.7 | 205.5 | 37.1 | 46.7 |
| G95.0 | 31.8 | 138.2 | 310.9 | 446.5 | 526.0 | 491.8 | 355.1 | 188.9 | 35.0 | 45.2 |
| G96.0 | 31.7 | 128.4 | 284.9 | 422.5 | 487.8 | 458.7 | 323.8 | 172.4 | 34.0 | 43.8 |
| G97.0 | 31.4 | 120.0 | 262.6 | 398.1 | 445.6 | 426.5 | 295.2 | 155.8 | 33.4 | 42.7 |
| G98.0 | 31.6 | 112.3 | 242.0 | 373.0 | 406.2 | 392.9 | 269.9 | 143.3 | 33.1 | 41.7 |
| G99.0 | 32.0 | 105.8 | 224.2 | 339.7 | 371.8 | 361.7 | 247.3 | 133.3 | 33.3 | 40.7 |
| G100.0 | 32.4 | 99.6 | 208.0 | 309.1 | 345.2 | 329.1 | 231.9 | 125.5 | 33.4 | 39.9 |
| G101.0 | 32.5 | 93.7 | 194.0 | 286.1 | 322.1 | 303.0 | 218.5 | 117.5 | 33.6 | 39.0 |
| G102.0 | 32.8 | 88.2 | 180.1 | 267.8 | 305.5 | 283.0 | 205.2 | 110.6 | 33.8 | 38.4 |
| G103.0 | 33.1 | 82.9 | 168.2 | 252.8 | 289.3 | 266.8 | 192.3 | 104.4 | 34.3 | 37.7 |
| G104.0 | 33.4 | 77.7 | 155.8 | 237.9 | 277.6 | 250.3 | 179.9 | 97.4 | 34.7 | 37.2 |
| G105.0 | 33.7 | 73.8 | 144.8 | 221.9 | 265.7 | 234.9 | 167.6 | 91.6 | 35.0 | 36.5 |
| G106.0 | 34.0 | 70.7 | 135.6 | 206.2 | 249.6 | 220.7 | 155.6 | 86.4 | 35.2 | 35.9 |
| G107.0 | 34.0 | 68.1 | 129.1 | 189.5 | 229.2 | 203.8 | 146.2 | 81.3 | 35.3 | 35.0 |
| G108.0 | 34.2 | 65.6 | 124.3 | 175.2 | 209.8 | 189.7 | 138.3 | 77.5 | 35.6 | 34.4 |
| G109.0 | 33.8 | 63.4 | 121.3 | 163.0 | 191.9 | 176.5 | 132.6 | 74.5 | 35.9 | 33.8 |
| G110.0 | 33.7 | 61.5 | 117.5 | 152.6 | 176.1 | 163.7 | 127.4 | 71.7 | 35.9 | 32.9 |

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 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 | 33.9 | 59.4 | 112.5 | 144.0 | 164.3 | 154.1 | 122.6 | 69.0 | 36.0 | 32.0 |
| G112.0 | 33.7 | 57.9 | 106.2 | 136.7 | 156.3 | 145.6 | 117.4 | 66.7 | 35.9 | 31.4 |
| G113.0 | 33.4 | 56.4 | 101.3 | 130.4 | 149.3 | 138.7 | 112.3 | 64.7 | 36.1 | 30.7 |
| G114.0 | 33.3 | 55.3 | 97.4 | 124.8 | 143.7 | 132.6 | 107.2 | 62.7 | 36.0 | 29.9 |
| G115.0 | 32.9 | 53.6 | 94.6 | 120.5 | 138.3 | 128.3 | 103.1 | 61.4 | 35.8 | 29.0 |
| G116.0 | 32.7 | 52.3 | 93.0 | 116.5 | 134.0 | 123.4 | 100.0 | 59.8 | 35.6 | 28.5 |
| G117.0 | 32.1 | 50.6 | 91.0 | 112.6 | 130.6 | 119.0 | 97.3 | 58.3 | 35.0 | 27.8 |
| G118.0 | 31.6 | 49.4 | 87.9 | 109.4 | 126.2 | 116.0 | 94.5 | 56.8 | 34.4 | 27.1 |
| G119.0 | 31.0 | 48.2 | 85.1 | 107.0 | 123.3 | 113.4 | 91.3 | 55.3 | 33.8 | 26.7 |
| G120.0 | 30.2 | 47.0 | 82.4 | 104.2 | 120.5 | 110.9 | 88.4 | 53.8 | 32.9 | 26.2 |
| G121.0 | 29.4 | 45.8 | 80.9 | 102.2 | 118.4 | 108.6 | 85.9 | 52.3 | 32.4 | 25.9 |
| G122.0 | 28.8 | 44.7 | 79.3 | 99.7 | 116.0 | 106.7 | 83.5 | 51.2 | 31.3 | 25.4 |
| G123.0 | 27.9 | 43.4 | 77.8 | 97.1 | 113.4 | 104.2 | 81.8 | 50.0 | 30.8 | 25.1 |
| G124.0 | 27.2 | 42.3 | 76.6 | 95.3 | 110.6 | 101.6 | 80.0 | 48.8 | 30.3 | 24.8 |
| G125.0 | 26.4 | 40.8 | 74.7 | 94.2 | 108.2 | 99.4 | 77.9 | 47.1 | 29.5 | 24.5 |
| G126.0 | 25.5 | 39.7 | 73.3 | 93.4 | 106.0 | 97.7 | 75.9 | 45.9 | 28.9 | 24.4 |
| G127.0 | 25.1 | 39.2 | 71.7 | 92.5 | 104.1 | 95.9 | 74.2 | 44.6 | 28.2 | 24.1 |
| G128.0 | 24.8 | 38.3 | 69.7 | 91.4 | 102.6 | 94.1 | 72.5 | 43.0 | 27.6 | 23.9 |
| G129.0 | 24.5 | 38.0 | 68.2 | 90.2 | 100.9 | 91.6 | 70.3 | 42.3 | 27.5 | 23.9 |
| G130.0 | 24.1 | 36.9 | 66.4 | 88.8 | 99.5 | 89.4 | 68.5 | 41.2 | 27.0 | 23.7 |
| G131.0 | 23.6 | 36.2 | 65.0 | 87.7 | 98.1 | 87.5 | 66.5 | 40.2 | 26.6 | 23.9 |
| G132.0 | 23.3 | 35.6 | 62.8 | 86.3 | 95.8 | 85.3 | 64.7 | 39.5 | 25.9 | 23.6 |
| G133.0 | 23.3 | 34.4 | 61.3 | 84.4 | 93.5 | 83.3 | 62.9 | 39.0 | 25.8 | 23.5 |
| G134.0 | 22.7 | 34.2 | 59.9 | 82.2 | 91.0 | 81.0 | 61.1 | 38.0 | 25.4 | 23.5 |
| G135.0 | 22.7 | 33.3 | 57.7 | 80.2 | 88.2 | 78.3 | 59.4 | 37.4 | 25.2 | 23.2 |
| G136.0 | 22.4 | 33.1 | 55.3 | 77.0 | 84.2 | 75.7 | 57.1 | 36.9 | 24.7 | 23.2 |
| G137.0 | 22.1 | 32.2 | 53.0 | 74.4 | 80.3 | 72.7 | 55.4 | 35.9 | 24.5 | 23.0 |
| G138.0 | 21.6 | 31.5 | 51.1 | 70.9 | 75.4 | 69.6 | 53.0 | 35.6 | 24.1 | 23.3 |
| G139.0 | 21.5 | 30.9 | 49.9 | 67.5 | 69.8 | 66.5 | 50.7 | 35.1 | 23.7 | 23.0 |
| G140.0 | 21.3 | 30.0 | 48.8 | 64.2 | 64.8 | 62.9 | 48.7 | 34.3 | 23.5 | 23.2 |
| G141.0 | 21.0 | 29.5 | 47.7 | 62.0 | 62.0 | 59.9 | 47.2 | 33.5 | 23.1 | 22.8 |
| G142.0 | 20.6 | 28.7 | 45.7 | 60.5 | 60.3 | 58.0 | 45.8 | 32.5 | 23.1 | 22.7 |
| G143.0 | 20.5 | 28.0 | 43.8 | 59.1 | 59.0 | 56.3 | 44.2 | 31.5 | 22.7 | 22.7 |
| G144.0 | 20.5 | 27.3 | 42.0 | 57.6 | 57.2 | 55.0 | 42.0 | 30.7 | 22.4 | 22.5 |
| G145.0 | 20.0 | 26.3 | 40.1 | 55.8 | 54.3 | 52.6 | 40.2 | 30.0 | 22.1 | 22.3 |
| G146.0 | 20.2 | 25.3 | 39.1 | 52.4 | 50.8 | 49.8 | 38.0 | 29.2 | 21.8 | 22.4 |
| G147.0 | 19.7 | 24.5 | 37.9 | 49.7 | 47.7 | 47.1 | 36.6 | 28.2 | 21.5 | 21.9 |

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 | 19.7 | 23.9 | 36.8 | 47.8 | 45.4 | 44.3 | 35.1 | 27.4 | 21.2 | 21.6 |
| G149.0 | 19.6 | 23.3 | 35.7 | 46.3 | 43.9 | 42.8 | 33.6 | 26.2 | 20.9 | 21.6 |
| G150.0 | 19.2 | 22.3 | 34.2 | 44.7 | 42.4 | 41.2 | 32.4 | 25.6 | 20.3 | 21.3 |
| G151.0 | 19.0 | 21.8 | 32.8 | 43.1 | 40.4 | 38.7 | 31.3 | 24.7 | 20.1 | 21.0 |
| G152.0 | 18.7 | 20.9 | 31.9 | 40.4 | 38.2 | 36.7 | 29.8 | 23.5 | 20.0 | 20.6 |
| G153.0 | 18.7 | 20.6 | 31.0 | 38.6 | 35.5 | 34.4 | 28.6 | 22.6 | 19.4 | 20.3 |
| G154.0 | 18.6 | 20.0 | 30.3 | 37.0 | 33.1 | 32.5 | 28.4 | 21.9 | 19.0 | 20.4 |
| G155.0 | 18.2 | 19.1 | 29.4 | 35.6 | 31.9 | 30.9 | 27.8 | 20.9 | 18.7 | 19.9 |
| G156.0 | 18.2 | 18.4 | 27.8 | 34.5 | 31.2 | 29.2 | 27.0 | 20.1 | 18.1 | 19.6 |
| G157.0 | 17.8 | 18.0 | 26.7 | 32.9 | 30.6 | 27.7 | 25.9 | 19.0 | 17.9 | 19.3 |
| G158.0 | 17.7 | 17.4 | 25.1 | 31.3 | 29.7 | 26.1 | 24.9 | 18.8 | 17.8 | 19.1 |
| G159.0 | 17.3 | 17.1 | 23.9 | 29.6 | 28.8 | 24.6 | 24.1 | 18.2 | 17.3 | 18.7 |
| G160.0 | 17.2 | 16.6 | 22.8 | 28.1 | 27.6 | 23.6 | 23.1 | 18.0 | 16.8 | 18.6 |
| G161.0 | 16.8 | 16.3 | 21.5 | 27.0 | 26.3 | 23.0 | 22.4 | 17.4 | 16.7 | 18.6 |
| G162.0 | 16.5 | 15.8 | 20.2 | 25.5 | 25.4 | 22.4 | 21.4 | 17.2 | 16.2 | 18.4 |
| G163.0 | 16.2 | 15.7 | 18.9 | 24.4 | 24.6 | 22.1 | 20.4 | 16.8 | 16.0 | 18.0 |
| G164.0 | 16.1 | 15.5 | 17.8 | 22.9 | 23.2 | 21.4 | 19.5 | 16.7 | 15.7 | 17.3 |
| G165.0 | 15.7 | 15.1 | 16.4 | 21.3 | 22.0 | 20.6 | 18.5 | 16.3 | 15.4 | 17.3 |
| G166.0 | 15.8 | 14.8 | 15.2 | 19.7 | 20.8 | 19.8 | 17.4 | 16.5 | 15.4 | 17.0 |
| G167.0 | 15.2 | 14.7 | 14.0 | 18.4 | 19.7 | 19.0 | 16.4 | 16.3 | 15.1 | 16.9 |
| G168.0 | 15.0 | 14.5 | 13.3 | 16.9 | 18.5 | 18.2 | 15.7 | 16.2 | 14.8 | 16.7 |
| G169.0 | 15.0 | 14.3 | 13.2 | 15.6 | 17.3 | 17.0 | 15.6 | 16.0 | 14.5 | 16.6 |
| G170.0 | 14.6 | 14.0 | 13.3 | 14.4 | 16.2 | 15.8 | 15.7 | 16.1 | 14.4 | 16.2 |
| G171.0 | 14.3 | 13.7 | 13.5 | 13.7 | 15.0 | 15.1 | 15.5 | 15.7 | 14.1 | 16.0 |
| G172.0 | 14.5 | 13.7 | 13.3 | 13.9 | 14.8 | 15.0 | 15.8 | 15.8 | 14.2 | 16.0 |
| G173.0 | 14.2 | 13.7 | 13.6 | 14.5 | 15.0 | 15.6 | 15.6 | 15.4 | 13.9 | 15.7 |
| G174.0 | 14.2 | 13.8 | 13.8 | 14.9 | 14.9 | 16.0 | 15.5 | 15.2 | 13.8 | 15.5 |
| G175.0 | 13.9 | 13.7 | 13.8 | 15.2 | 15.6 | 15.7 | 15.5 | 15.1 | 13.9 | 15.5 |
| G176.0 | 13.9 | 13.8 | 14.0 | 15.5 | 15.9 | 15.2 | 15.4 | 15.1 | 13.5 | 15.4 |
| G177.0 | 14.0 | 14.1 | 14.5 | 16.1 | 16.2 | 15.4 | 15.1 | 15.3 | 13.7 | 15.2 |
| G178.0 | 14.1 | 14.2 | 15.1 | 16.3 | 15.3 | 15.6 | 15.0 | 14.8 | 13.5 | 14.8 |
| G179.0 | 14.1 | 14.5 | 15.4 | 16.9 | 15.7 | 15.4 | 15.4 | 14.8 | 13.6 | 14.7 |
| G180.0 | 13.9 | 14.9 | 15.5 | 17.2 | 16.0 | 16.1 | 15.5 | 14.7 | 13.9 | 14.7 |
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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 | 1687.2 | 1687.2 | 1687.2 | 1687.2 | 1687.2 | 1687.2 | 1687.2 | | | |
| G1.0 | 1624.6 | 1608.0 | 1597.5 | 1599.3 | 1617.5 | 1654.5 | 1678.1 | | | |
| G2.0 | 1561.6 | 1519.0 | 1502.7 | 1521.4 | 1554.7 | 1616.6 | 1671.9 | | | |
| G3.0 | 1486.0 | 1408.1 | 1386.6 | 1417.6 | 1488.5 | 1578.3 | 1667.7 | | | |
| G4.0 | 1404.7 | 1306.4 | 1275.8 | 1304.5 | 1409.4 | 1540.0 | 1663.8 | | | |
| G5.0 | 1325.2 | 1206.5 | 1163.7 | 1211.5 | 1326.4 | 1502.9 | 1656.3 | | | |
| G6.0 | 1245.0 | 1099.1 | 1050.0 | 1111.6 | 1246.7 | 1459.1 | 1644.1 | | | |
| G7.0 | 1167.5 | 990.1 | 935.2 | 993.5 | 1170.1 | 1415.7 | 1634.7 | | | |
| G8.0 | 1086.9 | 897.6 | 849.5 | 896.9 | 1086.6 | 1367.5 | 1627.2 | | | |
| G9.0 | 1000.7 | 822.6 | 774.7 | 820.5 | 1001.7 | 1318.2 | 1615.3 | | | |
| G10.0 | 923.8 | 749.2 | 701.0 | 747.9 | 923.2 | 1268.5 | 1607.4 | | | |
| G11.0 | 860.2 | 689.8 | 643.3 | 683.9 | 851.6 | 1223.9 | 1592.8 | | | |
| G12.0 | 807.0 | 638.7 | 584.7 | 630.9 | 793.0 | 1181.7 | 1584.1 | | | |
| G13.0 | 752.9 | 581.2 | 532.6 | 574.0 | 738.6 | 1134.9 | 1571.9 | | | |
| G14.0 | 699.8 | 533.6 | 495.1 | 524.3 | 687.0 | 1090.1 | 1558.6 | | | |
| G15.0 | 658.8 | 497.0 | 458.2 | 487.6 | 641.7 | 1042.9 | 1544.9 | | | |
| G16.0 | 617.5 | 462.2 | 423.3 | 452.1 | 602.3 | 989.7 | 1529.7 | | | |
| G17.0 | 572.8 | 428.8 | 390.0 | 418.2 | 555.4 | 940.6 | 1514.3 | | | |
| G18.0 | 533.8 | 397.8 | 348.5 | 387.1 | 513.8 | 896.2 | 1494.7 | | | |
| G19.0 | 501.1 | 361.7 | 315.5 | 350.9 | 481.1 | 855.2 | 1473.5 | | | |
| G20.0 | 471.2 | 327.9 | 290.2 | 316.7 | 452.7 | 820.5 | 1456.4 | | | |
| G21.0 | 442.1 | 301.0 | 268.5 | 291.1 | 423.5 | 785.2 | 1440.0 | | | |
| G22.0 | 415.4 | 278.9 | 244.0 | 269.6 | 397.2 | 752.9 | 1425.2 | | | |
| G23.0 | 390.1 | 258.8 | 220.0 | 248.5 | 371.5 | 722.2 | 1407.2 | | | |
| G24.0 | 366.0 | 234.5 | 204.2 | 223.7 | 345.8 | 696.7 | 1390.0 | | | |
| G25.0 | 335.8 | 214.9 | 188.1 | 206.2 | 315.9 | 669.3 | 1376.3 | | | |
| G26.0 | 310.7 | 200.0 | 170.4 | 190.6 | 292.8 | 647.9 | 1357.0 | | | |
| G27.0 | 290.8 | 185.2 | 155.9 | 175.9 | 273.5 | 627.0 | 1345.0 | | | |
| G28.0 | 272.6 | 168.7 | 143.4 | 159.0 | 256.3 | 606.8 | 1326.9 | | | |
| G29.0 | 255.1 | 154.4 | 131.1 | 146.0 | 240.4 | 584.8 | 1315.5 | | | |
| G30.0 | 237.4 | 143.1 | 117.9 | 133.6 | 220.0 | 562.4 | 1300.9 | | | |
| G31.0 | 218.6 | 131.6 | 107.7 | 122.1 | 204.0 | 540.9 | 1282.8 | | | |
| G32.0 | 203.7 | 118.6 | 97.0 | 109.2 | 190.8 | 523.4 | 1265.5 | | | |
| G33.0 | 190.8 | 108.2 | 86.2 | 98.9 | 177.6 | 506.6 | 1248.1 | | | |
| G34.0 | 178.7 | 97.8 | 76.6 | 88.8 | 166.1 | 490.0 | 1233.2 | | | |
| G35.0 | 165.9 | 87.2 | 66.6 | 79.3 | 150.9 | 473.3 | 1218.0 | | | |
| G36.0 | 153.2 | 77.4 | 57.6 | 70.0 | 139.5 | 456.1 | 1206.9 | | | |

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 6)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G37.0 | 142.6 | 68.3 | 48.8 | 60.8 | 128.8 | 440.4 | 1193.3 | | | |
| G38.0 | 132.7 | 59.3 | 40.6 | 52.3 | 118.9 | 425.6 | 1178.8 | | | |
| G39.0 | 122.8 | 50.7 | 32.8 | 44.1 | 108.3 | 411.3 | 1163.5 | | | |
| G40.0 | 112.0 | 42.9 | 26.0 | 36.6 | 99.9 | 396.8 | 1150.2 | | | |
| G41.0 | 103.9 | 35.3 | 19.0 | 29.5 | 91.5 | 381.1 | 1137.9 | | | |
| G42.0 | 95.7 | 28.8 | 10.2 | 22.4 | 81.9 | 369.8 | 1118.6 | | | |
| G43.0 | 86.4 | 21.9 | 1.8 | 16.5 | 74.5 | 357.7 | 1105.1 | | | |
| G44.0 | 79.0 | 15.2 | 1.4 | 9.1 | 66.5 | 345.9 | 1090.4 | | | |
| G45.0 | 71.2 | 7.0 | 1.3 | 1.5 | 59.4 | 335.9 | 1076.7 | | | |
| G46.0 | 64.1 | 2.8 | 1.3 | 1.1 | 52.5 | 324.1 | 1063.1 | | | |
| G47.0 | 57.5 | 2.9 | 1.4 | 1.1 | 46.5 | 311.8 | 1050.9 | | | |
| G48.0 | 51.2 | 2.9 | 1.4 | 1.1 | 40.8 | 300.5 | 1034.3 | | | |
| G49.0 | 45.0 | 2.9 | 1.6 | 1.1 | 35.0 | 290.1 | 1023.3 | | | |
| G50.0 | 39.7 | 2.9 | 1.7 | 1.2 | 30.4 | 280.4 | 1007.8 | | | |
| G51.0 | 34.6 | 2.9 | 1.4 | 1.2 | 25.6 | 270.1 | 999.3 | | | |
| G52.0 | 30.1 | 2.9 | 1.6 | 1.3 | 19.9 | 257.9 | 989.4 | | | |
| G53.0 | 24.9 | 2.8 | 1.4 | 1.3 | 18.5 | 249.5 | 978.0 | | | |
| G54.0 | 21.4 | 2.7 | 1.8 | 1.2 | 18.2 | 241.0 | 964.4 | | | |
| G55.0 | 20.8 | 3.0 | 1.7 | 1.7 | 17.8 | 230.6 | 954.6 | | | |
| G56.0 | 20.5 | 3.1 | 1.9 | 1.5 | 17.5 | 221.1 | 941.9 | | | |
| G57.0 | 20.2 | 3.1 | 1.9 | 1.3 | 17.4 | 213.5 | 925.7 | | | |
| G58.0 | 19.8 | 3.0 | 2.0 | 1.9 | 17.2 | 206.5 | 908.5 | | | |
| G59.0 | 19.5 | 3.3 | 2.3 | 1.8 | 17.0 | 196.7 | 892.5 | | | |
| G60.0 | 19.3 | 3.1 | 2.2 | 1.8 | 16.9 | 187.7 | 873.4 | | | |
| G61.0 | 18.8 | 3.5 | 2.3 | 2.0 | 16.5 | 176.9 | 856.5 | | | |
| G62.0 | 18.9 | 3.3 | 2.3 | 2.1 | 16.3 | 166.3 | 842.1 | | | |
| G63.0 | 18.9 | 3.4 | 2.6 | 2.4 | 16.1 | 156.4 | 820.7 | | | |
| G64.0 | 18.4 | 3.7 | 2.6 | 2.4 | 15.8 | 146.9 | 795.7 | | | |
| G65.0 | 18.3 | 3.7 | 3.0 | 2.5 | 15.6 | 139.9 | 766.6 | | | |
| G66.0 | 18.3 | 3.9 | 3.1 | 2.5 | 15.4 | 131.7 | 737.4 | | | |
| G67.0 | 18.0 | 4.0 | 3.0 | 2.9 | 15.0 | 123.5 | 704.8 | | | |
| G68.0 | 17.7 | 4.1 | 3.2 | 2.9 | 14.9 | 115.2 | 672.1 | | | |
| G69.0 | 17.7 | 4.2 | 3.4 | 3.1 | 14.6 | 107.2 | 636.5 | | | |
| G70.0 | 17.6 | 4.3 | 3.6 | 3.3 | 14.3 | 102.1 | 597.7 | | | |
| G71.0 | 17.7 | 4.6 | 3.7 | 3.4 | 14.1 | 96.4 | 553.5 | | | |
| G72.0 | 17.3 | 4.8 | 3.8 | 3.6 | 13.7 | 92.0 | 511.3 | | | |
| G73.0 | 17.3 | 4.8 | 4.2 | 3.8 | 13.5 | 88.3 | 472.8 | | | |

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 | 17.1 | 5.3 | 4.1 | 3.9 | 13.1 | 85.9 | 430.0 | | | |
| G75.0 | 16.9 | 5.2 | 4.3 | 4.0 | 13.3 | 83.0 | 391.4 | | | |
| G76.0 | 16.6 | 5.6 | 4.8 | 4.4 | 13.0 | 79.2 | 347.2 | | | |
| G77.0 | 16.6 | 5.8 | 4.9 | 4.6 | 13.1 | 74.9 | 305.4 | | | |
| G78.0 | 16.6 | 5.9 | 4.9 | 4.6 | 12.7 | 70.4 | 264.0 | | | |
| G79.0 | 16.4 | 6.3 | 5.2 | 5.0 | 12.8 | 66.1 | 227.5 | | | |
| G80.0 | 16.5 | 6.5 | 5.4 | 5.2 | 12.7 | 62.6 | 194.2 | | | |
| G81.0 | 16.4 | 6.7 | 5.8 | 5.6 | 12.3 | 57.8 | 167.2 | | | |
| G82.0 | 16.3 | 7.1 | 6.0 | 5.7 | 12.4 | 54.6 | 143.4 | | | |
| G83.0 | 16.2 | 7.4 | 6.4 | 5.8 | 12.6 | 51.4 | 120.3 | | | |
| G84.0 | 15.9 | 7.7 | 6.8 | 6.4 | 12.3 | 48.3 | 101.4 | | | |
| G85.0 | 15.9 | 8.0 | 7.1 | 6.5 | 12.4 | 46.1 | 84.3 | | | |
| G86.0 | 15.9 | 8.5 | 7.2 | 6.6 | 12.3 | 44.2 | 70.4 | | | |
| G87.0 | 15.9 | 8.7 | 7.5 | 7.0 | 12.3 | 42.2 | 60.1 | | | |
| G88.0 | 15.8 | 9.0 | 7.9 | 7.4 | 12.7 | 40.7 | 52.1 | | | |
| G89.0 | 15.8 | 9.2 | 8.3 | 7.8 | 12.8 | 39.1 | 44.9 | | | |
| G90.0 | 15.8 | 9.6 | 8.5 | 8.0 | 12.6 | 37.9 | 40.1 | | | |
| G91.0 | 15.8 | 9.9 | 8.8 | 8.1 | 12.9 | 36.6 | 36.6 | | | |
| G92.0 | 15.7 | 10.2 | 9.0 | 8.6 | 12.9 | 35.4 | 34.5 | | | |
| G93.0 | 15.9 | 10.8 | 9.4 | 9.0 | 12.9 | 34.2 | 33.1 | | | |
| G94.0 | 16.0 | 11.1 | 9.9 | 9.3 | 13.3 | 33.2 | 32.4 | | | |
| G95.0 | 15.9 | 11.4 | 10.2 | 9.7 | 13.3 | 32.0 | 31.8 | | | |
| G96.0 | 16.1 | 11.7 | 10.5 | 10.0 | 13.6 | 31.5 | 31.7 | | | |
| G97.0 | 16.4 | 12.1 | 10.9 | 10.4 | 13.6 | 30.7 | 31.4 | | | |
| G98.0 | 16.6 | 12.6 | 11.7 | 10.4 | 13.6 | 29.9 | 31.6 | | | |
| G99.0 | 16.5 | 13.1 | 11.8 | 11.0 | 14.2 | 29.0 | 32.0 | | | |
| G100.0 | 16.7 | 13.2 | 11.9 | 11.5 | 14.3 | 28.6 | 32.4 | | | |
| G101.0 | 16.8 | 13.7 | 12.5 | 11.9 | 14.4 | 27.9 | 32.5 | | | |
| G102.0 | 17.0 | 14.1 | 13.0 | 12.4 | 14.8 | 27.4 | 32.8 | | | |
| G103.0 | 17.1 | 14.8 | 13.5 | 12.7 | 14.8 | 26.9 | 33.1 | | | |
| G104.0 | 17.6 | 14.9 | 13.8 | 13.1 | 15.0 | 26.4 | 33.4 | | | |
| G105.0 | 17.4 | 15.4 | 14.3 | 13.5 | 15.5 | 26.0 | 33.7 | | | |
| G106.0 | 17.6 | 15.8 | 14.9 | 13.9 | 15.6 | 25.3 | 34.0 | | | |
| G107.0 | 17.9 | 16.3 | 15.3 | 14.4 | 15.8 | 25.0 | 34.0 | | | |
| G108.0 | 18.2 | 16.7 | 15.5 | 14.6 | 15.8 | 24.5 | 34.2 | | | |
| G109.0 | 18.5 | 17.2 | 16.1 | 15.2 | 16.3 | 24.1 | 33.8 | | | |
| G110.0 | 18.8 | 17.4 | 16.5 | 15.4 | 16.5 | 23.7 | 33.7 | | | |

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 | 18.8 | 18.1 | 16.9 | 15.9 | 17.0 | 23.2 | 33.9 | | | |
| G112.0 | 19.1 | 18.5 | 17.5 | 16.3 | 17.1 | 22.8 | 33.7 | | | |
| G113.0 | 19.6 | 18.7 | 17.9 | 16.7 | 17.6 | 22.6 | 33.4 | | | |
| G114.0 | 19.6 | 19.1 | 18.3 | 17.2 | 17.5 | 22.1 | 33.3 | | | |
| G115.0 | 20.2 | 19.7 | 18.9 | 17.3 | 18.0 | 22.0 | 32.9 | | | |
| G116.0 | 20.3 | 20.0 | 19.0 | 17.9 | 18.1 | 21.9 | 32.7 | | | |
| G117.0 | 20.3 | 20.3 | 19.7 | 18.2 | 18.5 | 21.6 | 32.1 | | | |
| G118.0 | 20.6 | 20.8 | 19.9 | 18.4 | 18.5 | 21.4 | 31.6 | | | |
| G119.0 | 20.7 | 20.9 | 20.1 | 18.9 | 18.8 | 21.2 | 31.0 | | | |
| G120.0 | 20.8 | 21.4 | 20.7 | 19.2 | 19.1 | 21.3 | 30.2 | | | |
| G121.0 | 21.1 | 21.5 | 20.9 | 19.5 | 19.2 | 21.1 | 29.4 | | | |
| G122.0 | 21.5 | 22.1 | 21.3 | 19.8 | 19.5 | 21.0 | 28.8 | | | |
| G123.0 | 21.4 | 22.5 | 21.8 | 20.2 | 19.7 | 21.0 | 27.9 | | | |
| G124.0 | 21.7 | 22.7 | 21.9 | 20.3 | 19.6 | 21.0 | 27.2 | | | |
| G125.0 | 22.0 | 23.2 | 22.2 | 20.8 | 19.8 | 21.1 | 26.4 | | | |
| G126.0 | 21.9 | 23.3 | 22.7 | 21.0 | 20.2 | 21.0 | 25.5 | | | |
| G127.0 | 22.4 | 23.7 | 22.7 | 21.1 | 20.2 | 21.2 | 25.1 | | | |
| G128.0 | 22.5 | 23.7 | 23.3 | 21.4 | 20.2 | 21.0 | 24.8 | | | |
| G129.0 | 22.7 | 23.9 | 23.1 | 21.9 | 20.6 | 21.3 | 24.5 | | | |
| G130.0 | 22.8 | 24.6 | 23.6 | 21.9 | 20.8 | 21.4 | 24.1 | | | |
| G131.0 | 22.9 | 24.8 | 23.9 | 22.3 | 20.8 | 21.4 | 23.6 | | | |
| G132.0 | 23.0 | 24.7 | 23.9 | 22.3 | 20.8 | 21.7 | 23.3 | | | |
| G133.0 | 23.2 | 24.6 | 24.3 | 22.4 | 21.0 | 21.6 | 23.3 | | | |
| G134.0 | 23.2 | 25.0 | 24.2 | 22.6 | 21.1 | 21.6 | 22.7 | | | |
| G135.0 | 23.2 | 25.2 | 24.3 | 22.8 | 21.1 | 21.7 | 22.7 | | | |
| G136.0 | 23.4 | 25.5 | 24.5 | 22.9 | 21.2 | 22.0 | 22.4 | | | |
| G137.0 | 23.1 | 25.4 | 24.6 | 23.0 | 21.6 | 22.0 | 22.1 | | | |
| G138.0 | 23.1 | 25.6 | 24.5 | 23.2 | 21.2 | 21.8 | 21.6 | | | |
| G139.0 | 23.4 | 26.0 | 25.0 | 23.2 | 21.6 | 21.9 | 21.5 | | | |
| G140.0 | 23.1 | 25.9 | 24.9 | 23.3 | 21.6 | 22.0 | 21.3 | | | |
| G141.0 | 23.1 | 26.0 | 25.0 | 23.6 | 21.5 | 22.3 | 21.0 | | | |
| G142.0 | 23.0 | 26.2 | 25.1 | 23.5 | 21.6 | 22.0 | 20.6 | | | |
| G143.0 | 23.3 | 26.1 | 25.0 | 23.4 | 21.6 | 21.9 | 20.5 | | | |
| G144.0 | 23.3 | 26.1 | 25.0 | 23.9 | 21.7 | 22.1 | 20.5 | | | |
| G145.0 | 23.1 | 26.0 | 25.0 | 23.5 | 21.6 | 22.0 | 20.0 | | | |
| G146.0 | 23.2 | 25.9 | 25.0 | 23.8 | 21.6 | 21.9 | 20.2 | | | |
| G147.0 | 22.8 | 26.0 | 24.9 | 23.5 | 21.7 | 21.7 | 19.7 | | | |

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 | 22.8 | 26.0 | 24.9 | 23.8 | 21.6 | 21.7 | 19.7 | | | |
| G149.0 | 22.5 | 25.6 | 24.9 | 23.4 | 21.9 | 21.4 | 19.6 | | | |
| G150.0 | 22.2 | 25.6 | 24.9 | 23.5 | 21.8 | 21.0 | 19.2 | | | |
| G151.0 | 22.2 | 25.5 | 24.6 | 23.5 | 21.8 | 20.7 | 19.0 | | | |
| G152.0 | 21.9 | 25.3 | 24.5 | 23.2 | 22.2 | 20.6 | 18.7 | | | |
| G153.0 | 21.9 | 25.2 | 24.8 | 23.3 | 21.9 | 20.6 | 18.7 | | | |
| G154.0 | 21.7 | 25.2 | 24.6 | 23.3 | 22.1 | 20.3 | 18.6 | | | |
| G155.0 | 21.5 | 25.0 | 24.4 | 23.2 | 22.1 | 20.1 | 18.2 | | | |
| G156.0 | 21.5 | 24.7 | 24.5 | 22.9 | 21.9 | 19.9 | 18.2 | | | |
| G157.0 | 21.3 | 24.3 | 24.9 | 22.8 | 21.9 | 19.8 | 17.8 | | | |
| G158.0 | 21.0 | 23.9 | 24.9 | 22.8 | 21.9 | 19.7 | 17.7 | | | |
| G159.0 | 20.7 | 23.9 | 25.0 | 22.6 | 21.8 | 19.4 | 17.3 | | | |
| G160.0 | 20.5 | 23.8 | 24.9 | 22.4 | 21.2 | 19.0 | 17.2 | | | |
| G161.0 | 20.3 | 23.6 | 24.8 | 22.0 | 21.0 | 18.7 | 16.8 | | | |
| G162.0 | 20.1 | 23.5 | 24.8 | 22.1 | 20.9 | 18.7 | 16.5 | | | |
| G163.0 | 19.9 | 22.9 | 23.8 | 21.5 | 20.9 | 18.3 | 16.2 | | | |
| G164.0 | 19.6 | 22.7 | 22.8 | 21.9 | 20.5 | 18.0 | 16.1 | | | |
| G165.0 | 19.4 | 22.5 | 22.5 | 21.4 | 20.3 | 17.7 | 15.7 | | | |
| G166.0 | 19.3 | 22.1 | 22.1 | 20.9 | 19.8 | 17.6 | 15.8 | | | |
| G167.0 | 19.1 | 21.6 | 21.6 | 20.8 | 19.6 | 17.2 | 15.2 | | | |
| G168.0 | 19.0 | 21.4 | 21.3 | 20.3 | 19.4 | 17.2 | 15.0 | | | |
| G169.0 | 18.7 | 21.0 | 20.9 | 20.0 | 18.9 | 16.6 | 15.0 | | | |
| G170.0 | 18.5 | 20.7 | 20.4 | 19.7 | 18.4 | 16.3 | 14.6 | | | |
| G171.0 | 18.1 | 20.3 | 20.1 | 19.4 | 18.2 | 16.2 | 14.3 | | | |
| G172.0 | 17.9 | 19.8 | 19.7 | 18.8 | 17.6 | 16.1 | 14.5 | | | |
| G173.0 | 17.7 | 19.6 | 19.1 | 18.4 | 17.4 | 15.9 | 14.2 | | | |
| G174.0 | 17.7 | 19.0 | 18.7 | 18.4 | 17.1 | 15.4 | 14.2 | | | |
| G175.0 | 17.0 | 18.6 | 18.1 | 17.6 | 16.8 | 15.3 | 13.9 | | | |
| G176.0 | 16.7 | 18.4 | 17.8 | 17.3 | 16.5 | 15.1 | 13.9 | | | |
| G177.0 | 16.5 | 18.4 | 17.3 | 17.0 | 16.1 | 15.0 | 14.0 | | | |
| G178.0 | 16.4 | 18.0 | 16.8 | 16.5 | 16.4 | 14.8 | 14.1 | | | |
| G179.0 | 15.6 | 17.4 | 16.3 | 16.1 | 15.8 | 14.5 | 14.1 | | | |
| G180.0 | 15.5 | 17.2 | 16.0 | 16.0 | 15.5 | 14.8 | 13.9 | | | |
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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: