

Report No.:

Test Time: 2020/9/4 星期五 03:59

Luminaire Property

Luminaire Manufacturer:

Voltage: 120.2 V

Power: 24.81 W

Current: 0.210 A

Power Factor: 0.985

Photometric Results

CIE Class: General Diffuse

Measurement Flux: 3909 lm

Downward Ratio: 57%

Horizontal Diffuse Angle(50%): H280.8

Vertical Diffuse Angle(50%): V283.7

Luminaire Efficacy Rating (LER): 157.61

Max. Intensity: 447.36 cd

S/MH(C0/C180): 2.47

Total Rated Lamp Lumens: 3909.0 lm

Efficiency: 100%

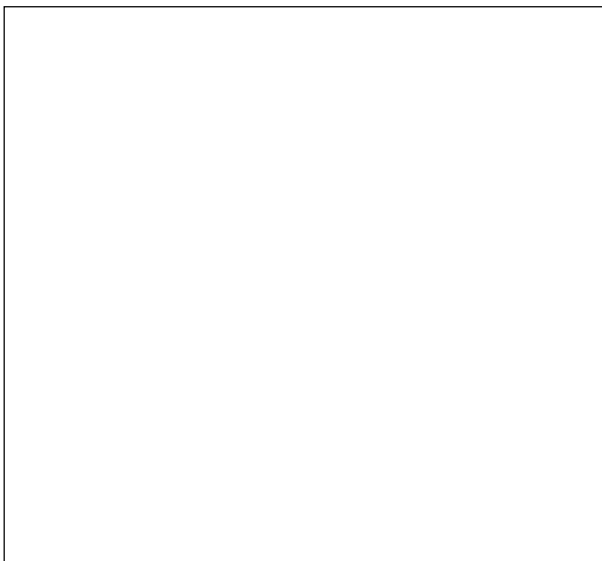
Upward Ratio: 43%

Central Intensity: 206.78 cd

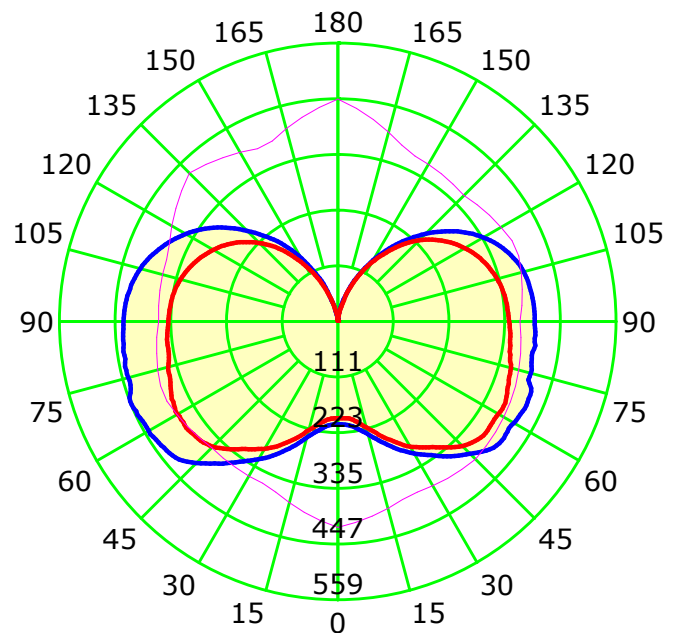
Pos of Max. Intensity: H180 V69

S/MH(C90/C270): 2.39

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 281.0°

— C0-C180 — C90-C270 — G69

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

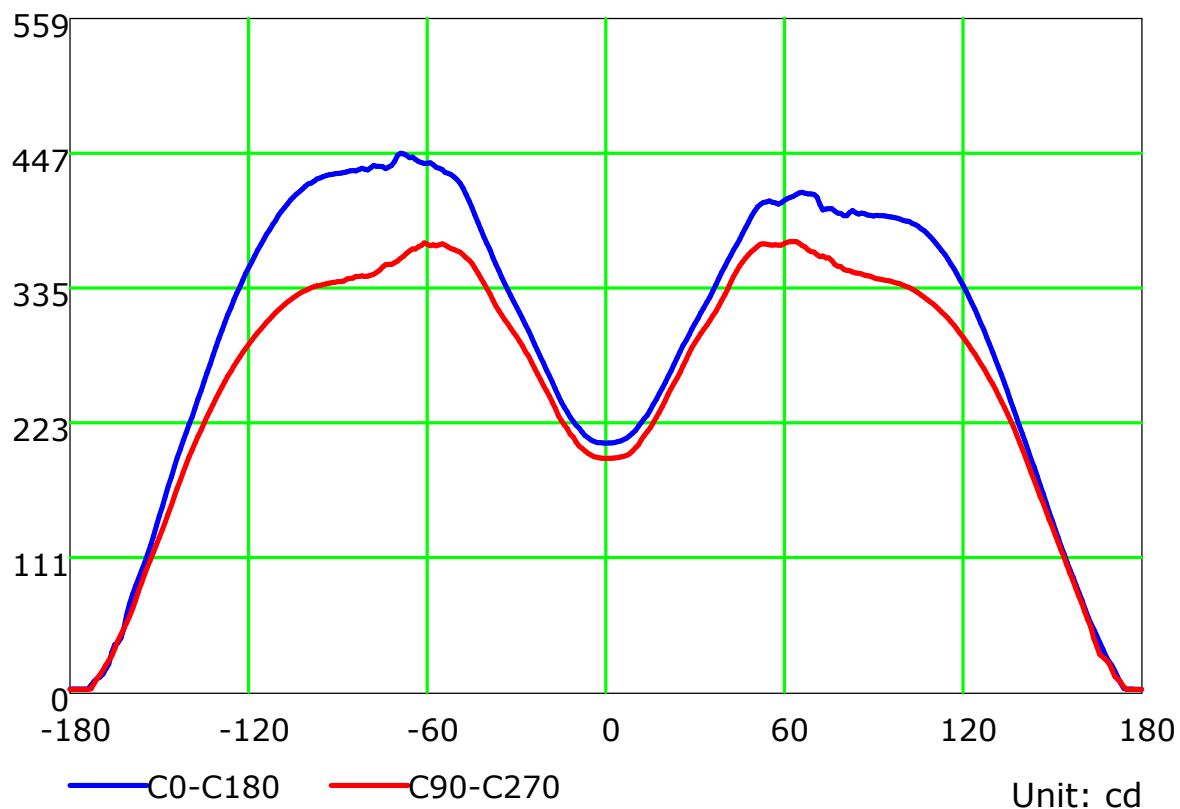
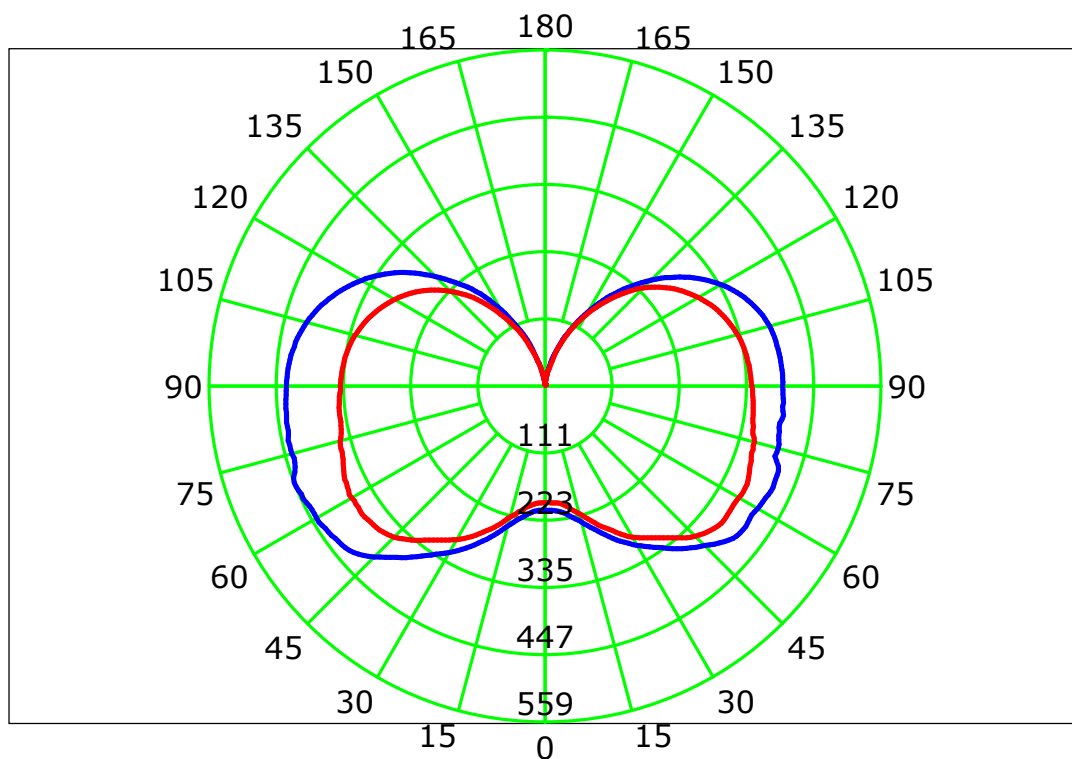
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

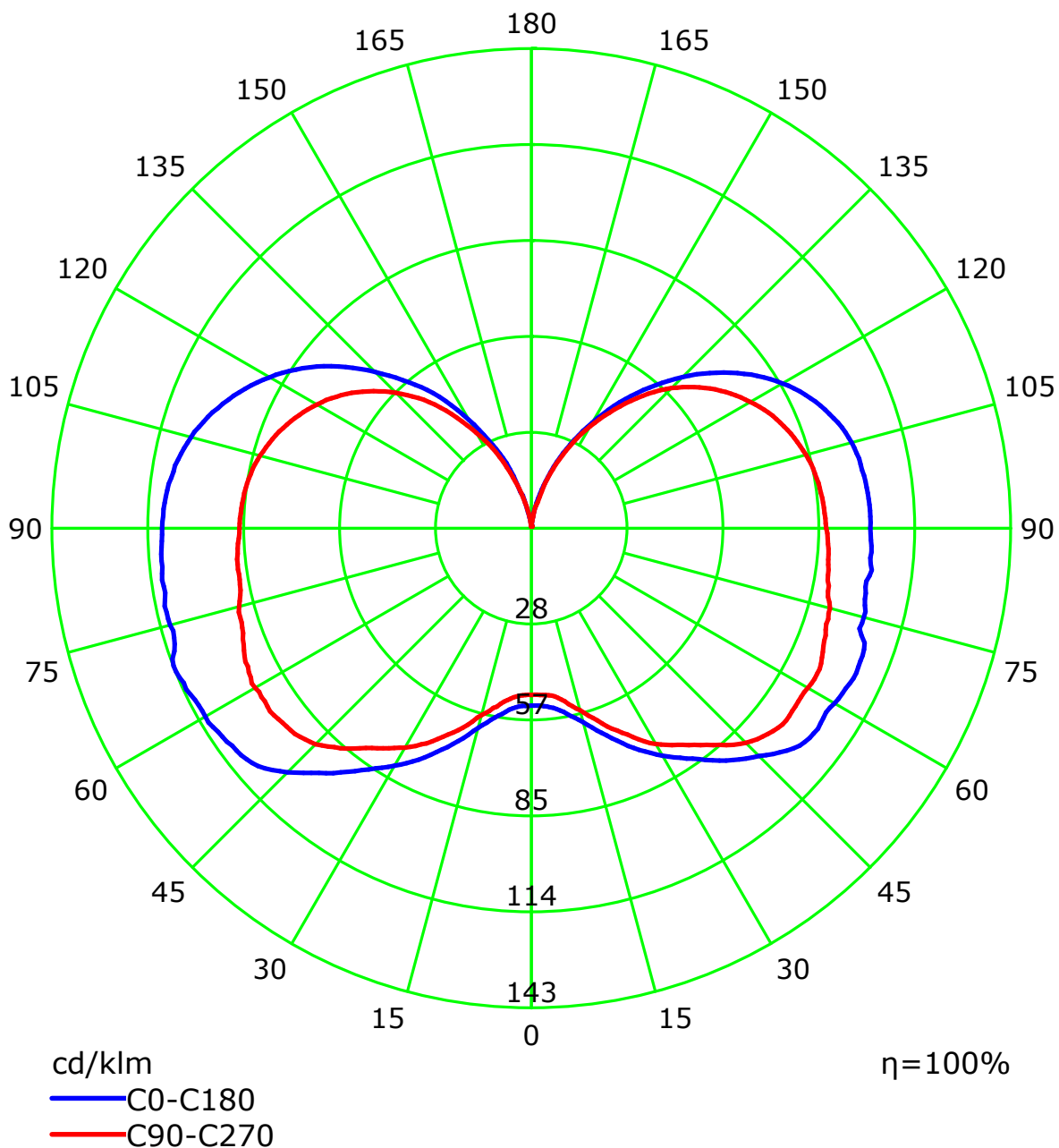
Luminous Intensity Distribution Curve



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)



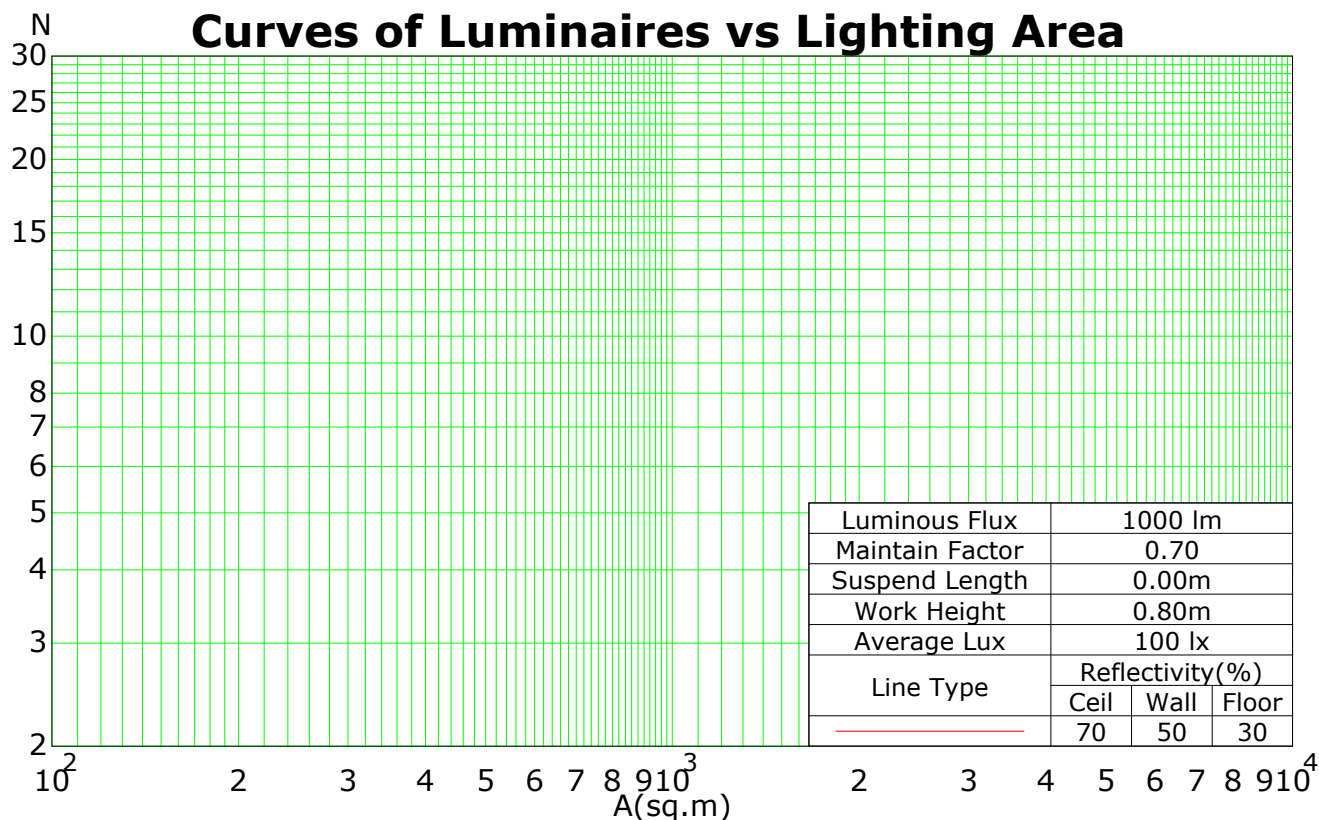
C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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 | 109 | 109 | 109 | 109 | 101 | 101 | 101 | 101 | 87 | 87 | 87 | 74 | 74 | 74 | 62 | 62 | 62 | 57 |
| 1 | 94 | 88 | 82 | 76 | 87 | 81 | 76 | 71 | 69 | 65 | 61 | 57 | 54 | 51 | 47 | 45 | 42 | 37 |
| 2 | 84 | 74 | 65 | 58 | 77 | 68 | 60 | 54 | 57 | 51 | 46 | 47 | 43 | 39 | 38 | 35 | 32 | 27 |
| 3 | 75 | 63 | 54 | 46 | 69 | 58 | 50 | 43 | 49 | 42 | 37 | 40 | 35 | 31 | 32 | 28 | 25 | 21 |
| 4 | 68 | 55 | 45 | 38 | 62 | 50 | 42 | 35 | 42 | 35 | 30 | 35 | 29 | 25 | 28 | 24 | 20 | 16 |
| 5 | 62 | 48 | 38 | 31 | 57 | 44 | 35 | 29 | 37 | 30 | 25 | 31 | 25 | 21 | 24 | 20 | 16 | 13 |
| 6 | 57 | 42 | 33 | 26 | 52 | 39 | 31 | 24 | 33 | 26 | 21 | 27 | 22 | 17 | 22 | 17 | 14 | 11 |
| 7 | 52 | 38 | 29 | 22 | 48 | 35 | 27 | 21 | 30 | 23 | 18 | 24 | 19 | 15 | 20 | 15 | 12 | 9 |
| 8 | 48 | 34 | 25 | 19 | 44 | 32 | 24 | 18 | 27 | 20 | 15 | 22 | 17 | 13 | 18 | 13 | 10 | 8 |
| 9 | 45 | 31 | 23 | 17 | 41 | 29 | 21 | 16 | 24 | 18 | 13 | 20 | 15 | 11 | 16 | 12 | 9 | 7 |
| 10 | 42 | 28 | 20 | 15 | 38 | 26 | 19 | 14 | 22 | 16 | 12 | 19 | 13 | 10 | 15 | 11 | 8 | 6 |

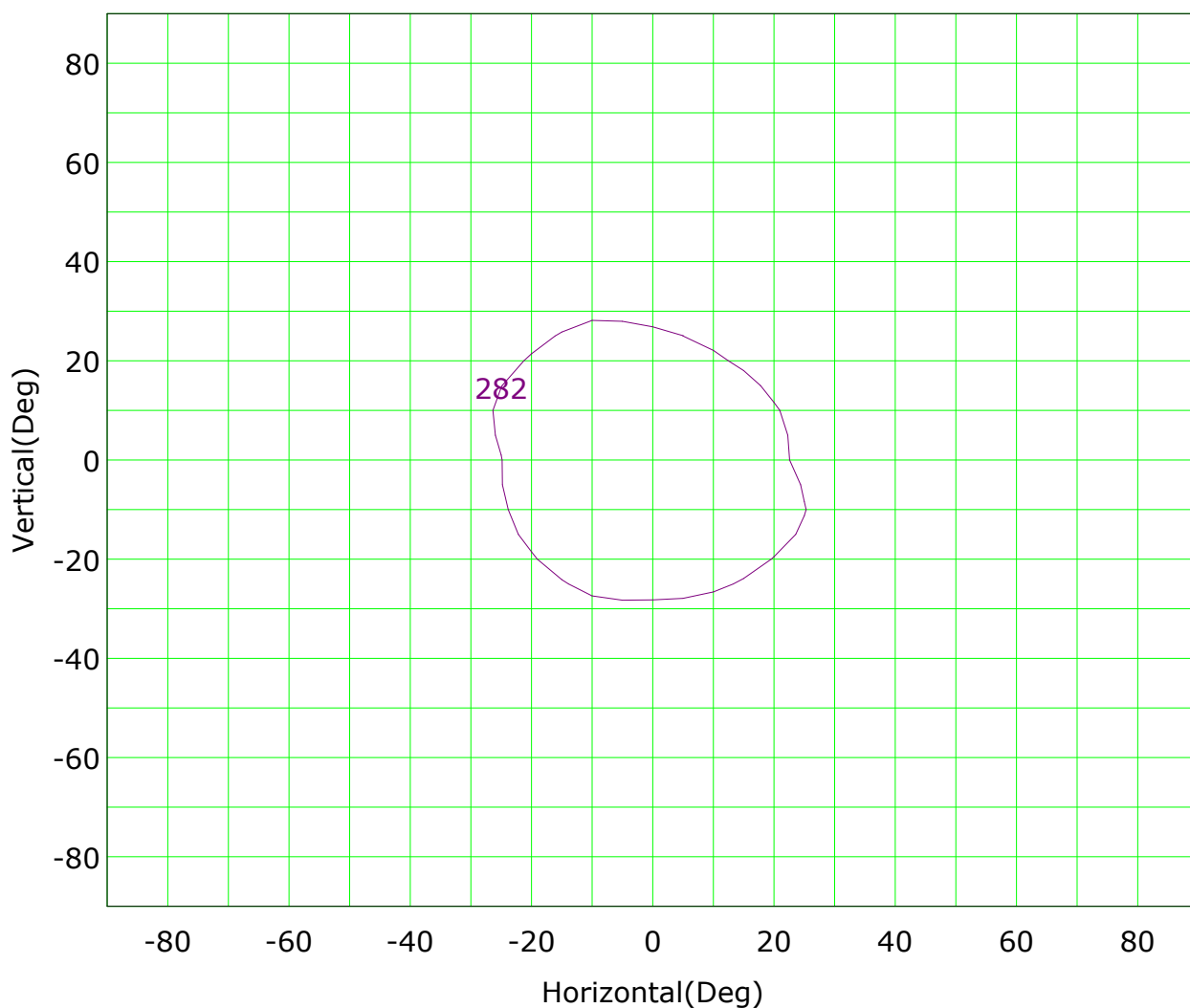
Spacing Criteria (0-180): 2.47
 Spacing Criteria (90-270): 2.39
 Spacing Criteria (Diagonal): 2.38



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%): 447 cd

| | | | |
|---------|--------|---------|--------|
| (10%): | 45 cd | (16%): | 72 cd |
| (25%): | 112 cd | (40%): | 179 cd |
| (63%): | 282 cd | (100%): | 447 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

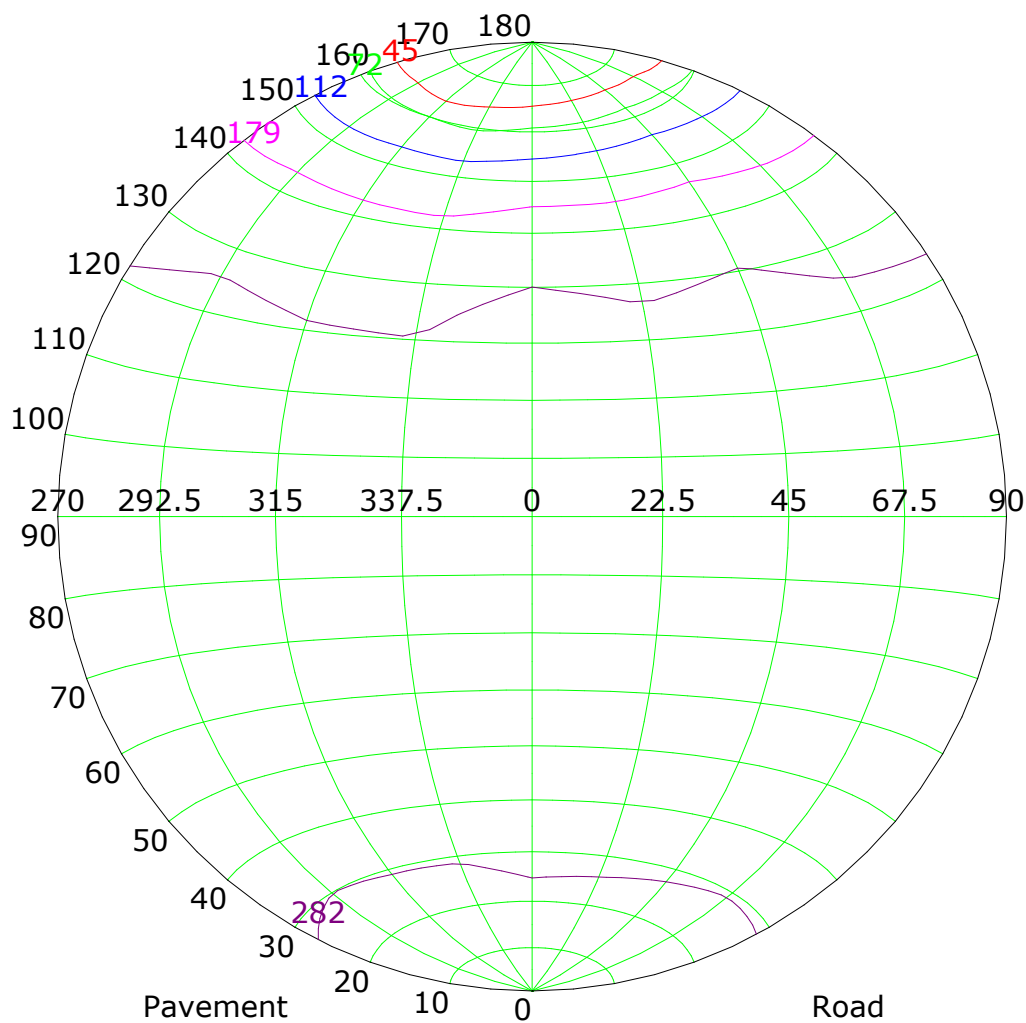
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 447 cd

| | | | |
|---------|--------|---------|--------|
| (10%): | 45 cd | (16%): | 72 cd |
| (25%): | 112 cd | (40%): | 179 cd |
| (63%): | 282 cd | (100%): | 447 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

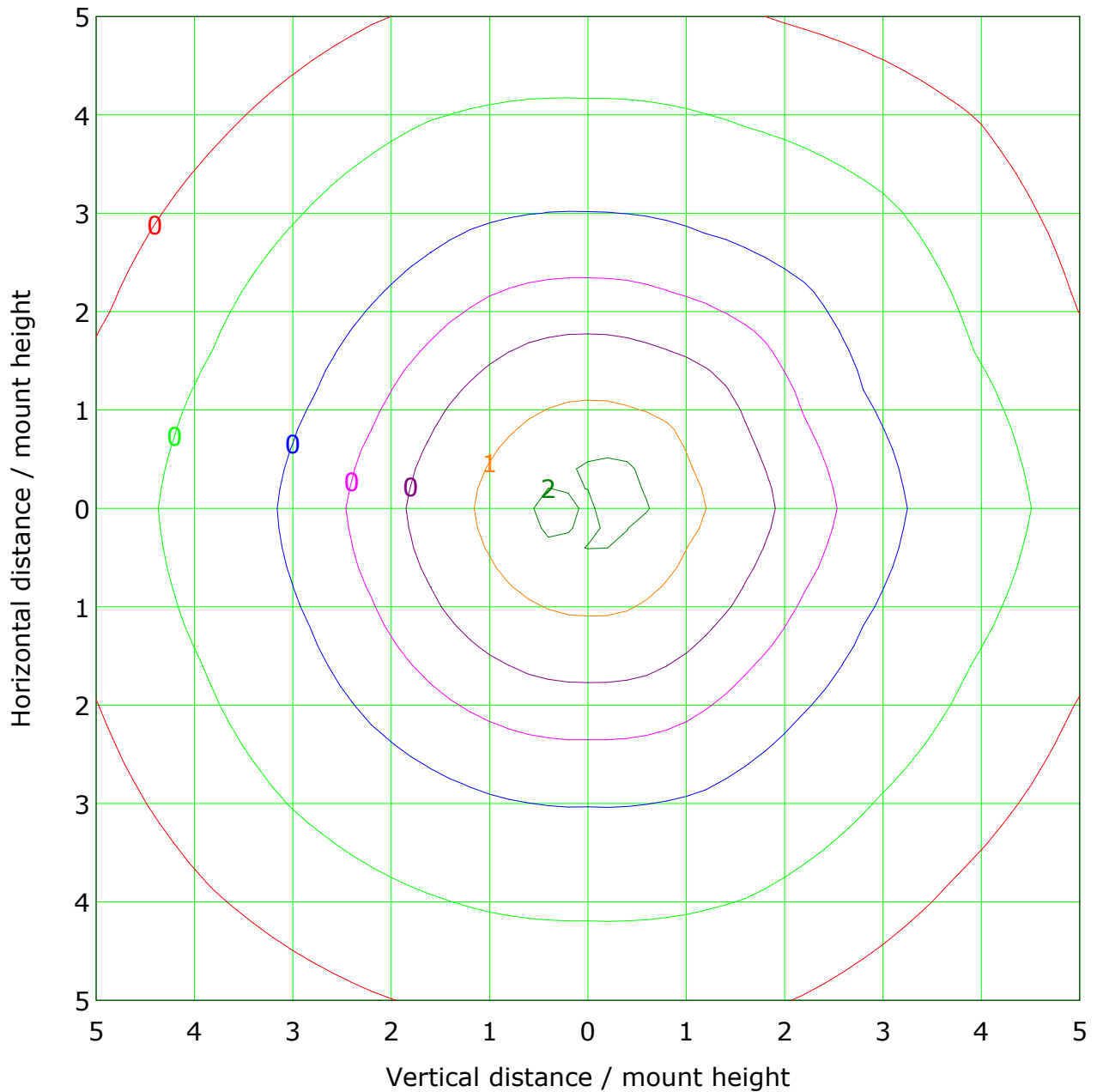
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

IsoLux Plot



| | | | |
|---|--------|-----------|--------|
| Mounting Height: 10.0m Max Lux(100%): 2.2 lx | | | |
| — (1%): | 0.0 lx | — (2%): | 0.0 lx |
| — (5%): | 0.1 lx | — (10%): | 0.2 lx |
| — (20%): | 0.4 lx | — (50%): | 1.1 lx |
| — (90%): | 2.0 lx | — (100%): | 2.2 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

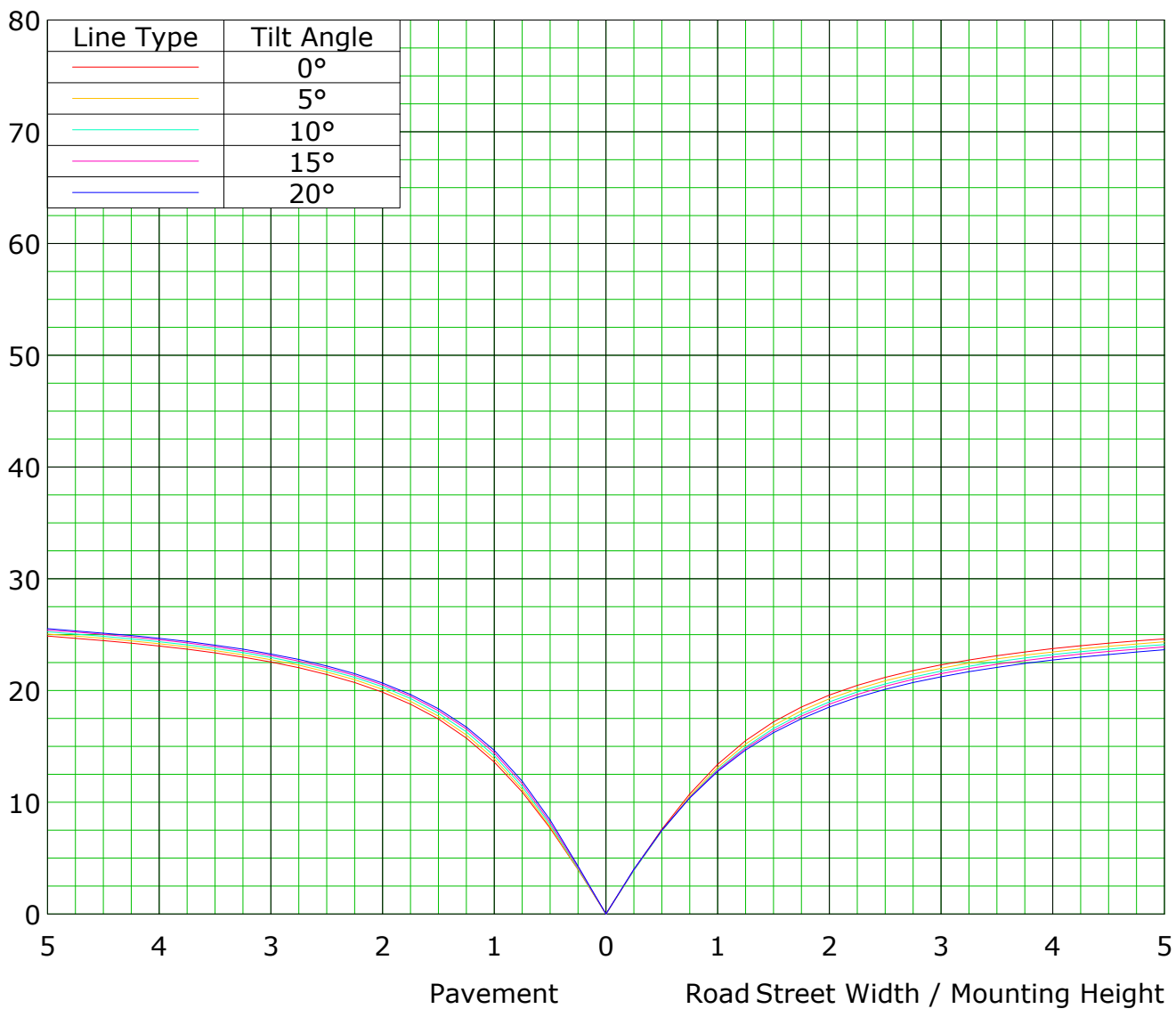
Distance: 8.190 m

Humidity:

Inspector:

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

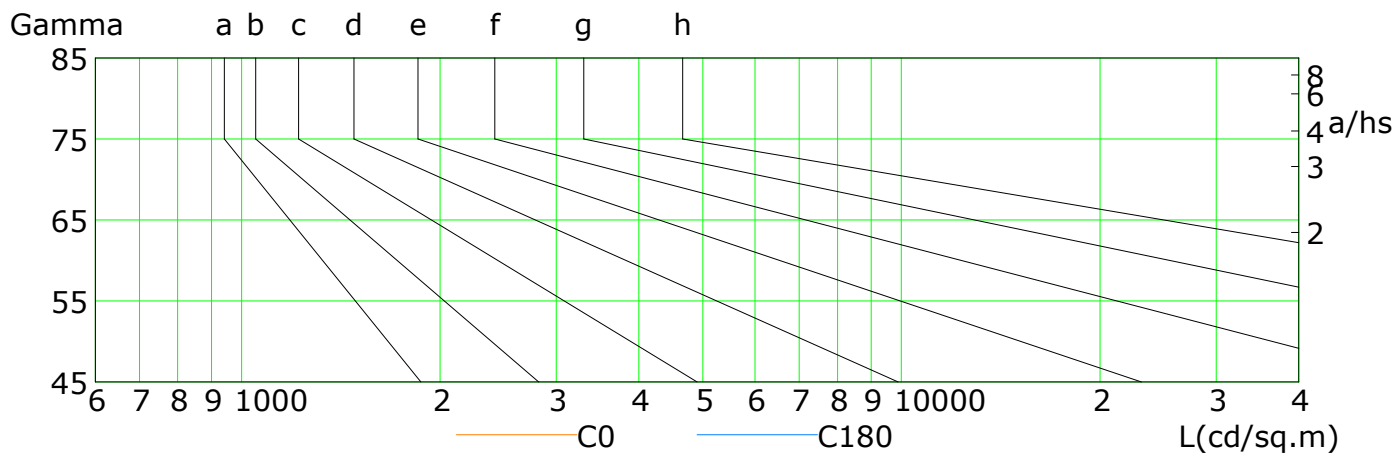
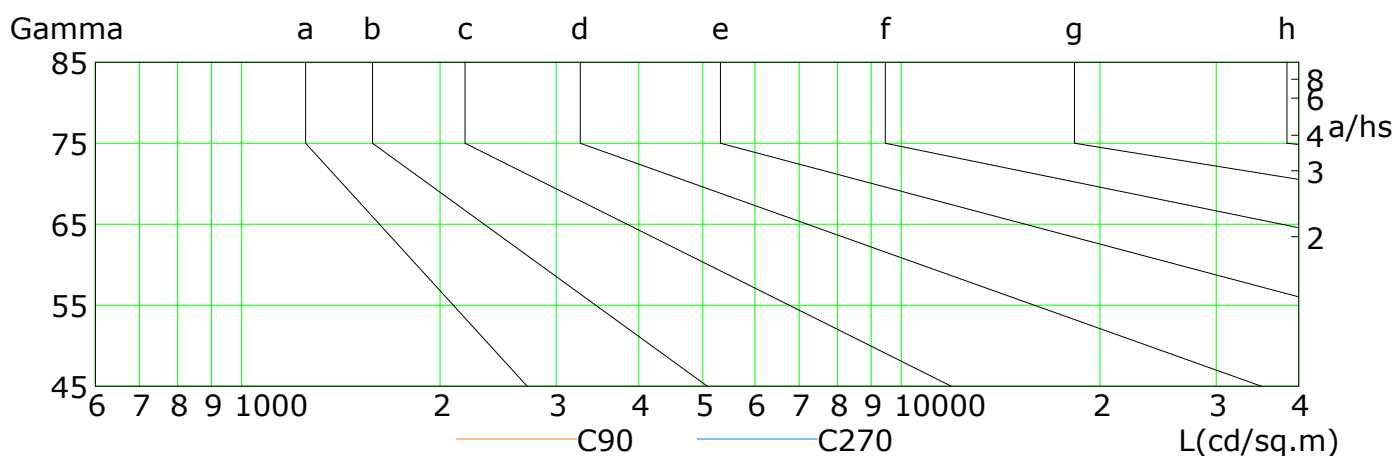
Humidity:

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

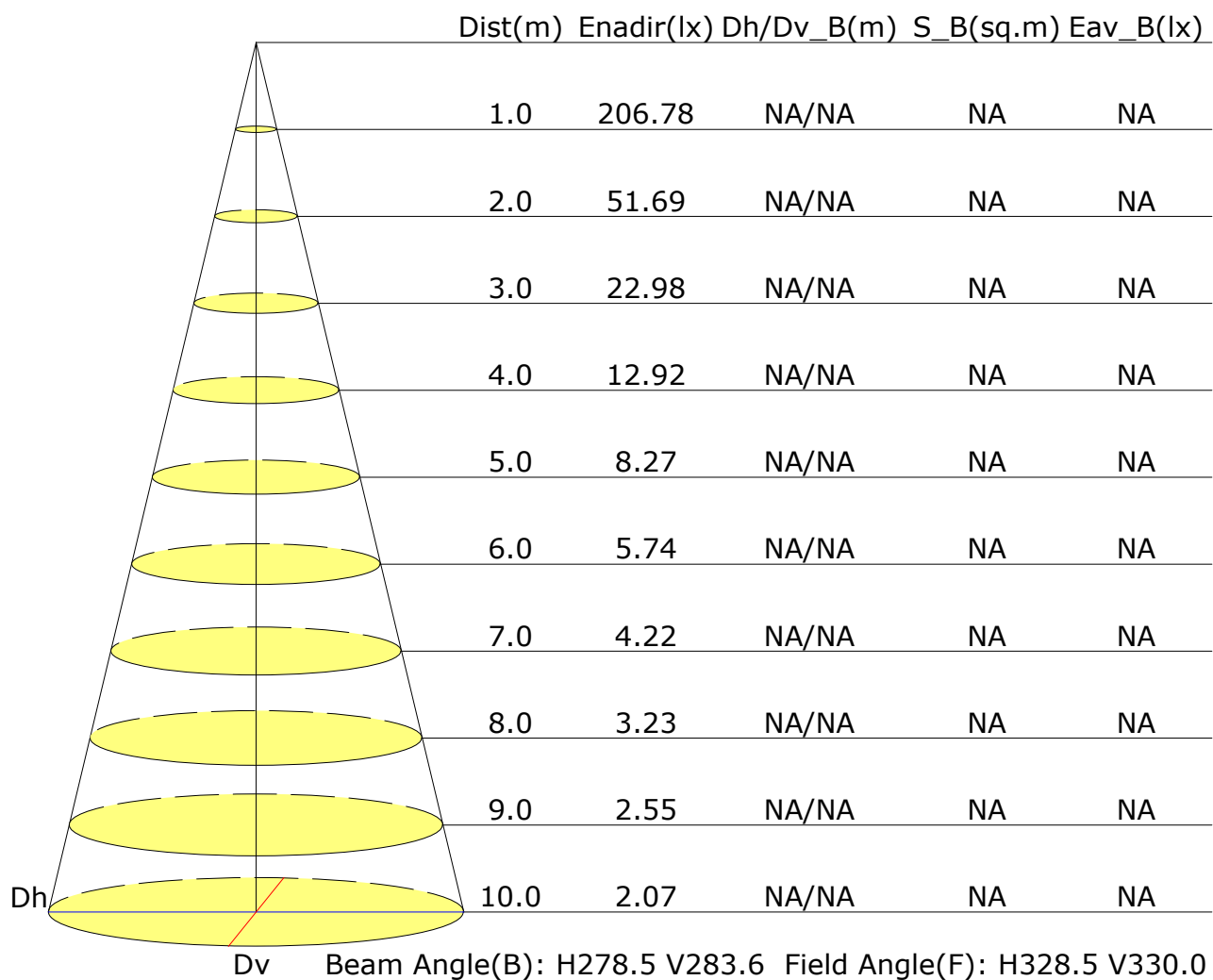


| L(cd/sq.m) | G45 | G50 | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| C0 | 376 | 399 | 408 | 408 | 415 | 413 | 401 | 396 | 397 |
| C90 | 354 | 368 | 371 | 373 | 373 | 365 | 361 | 351 | 348 |
| C180 | 402 | 426 | 434 | 439 | 444 | 446 | 436 | 434 | 433 |
| C270 | 356 | 367 | 372 | 372 | 368 | 358 | 353 | 346 | 344 |

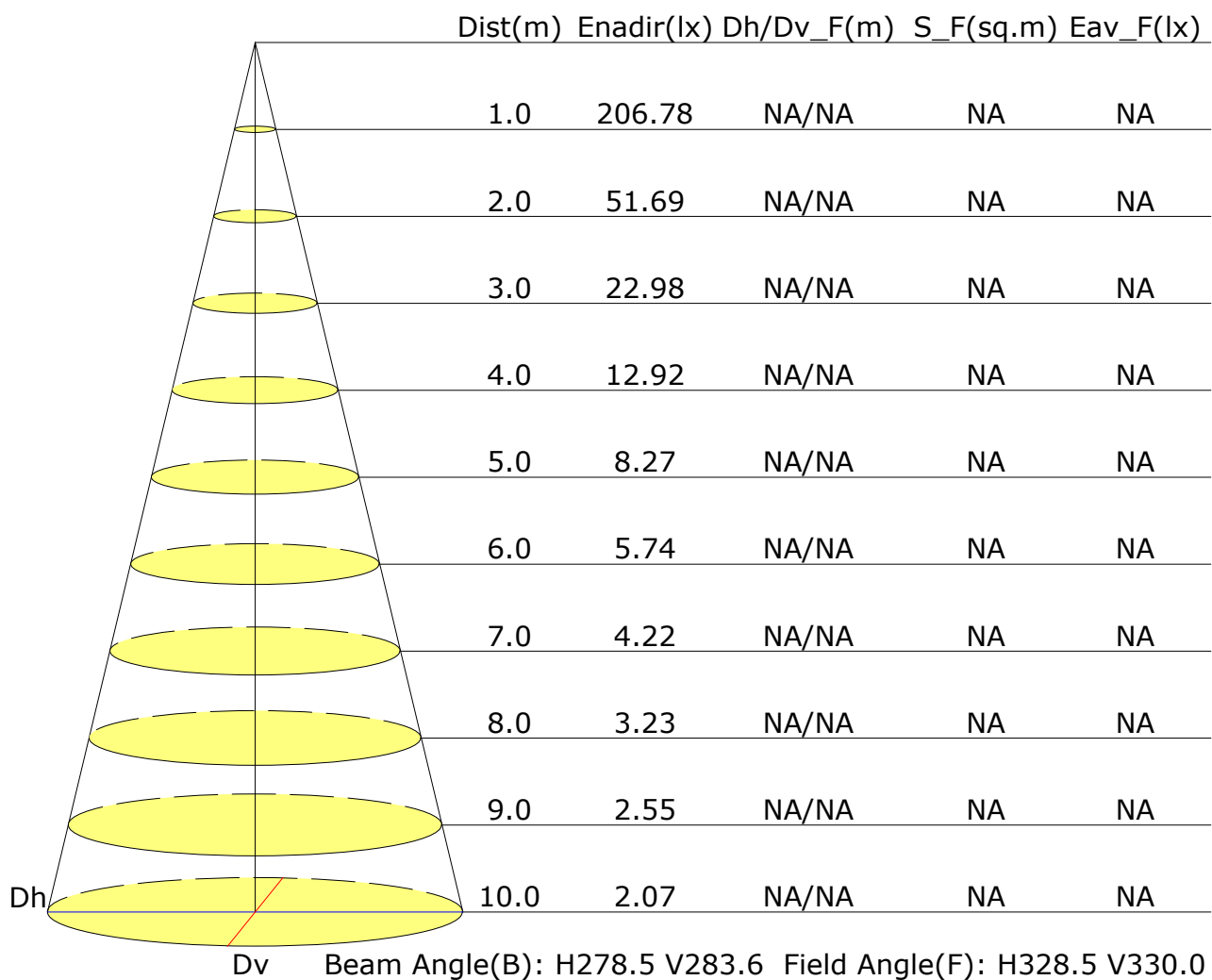
C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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

Illuminance at a Distance(Beam Angle)



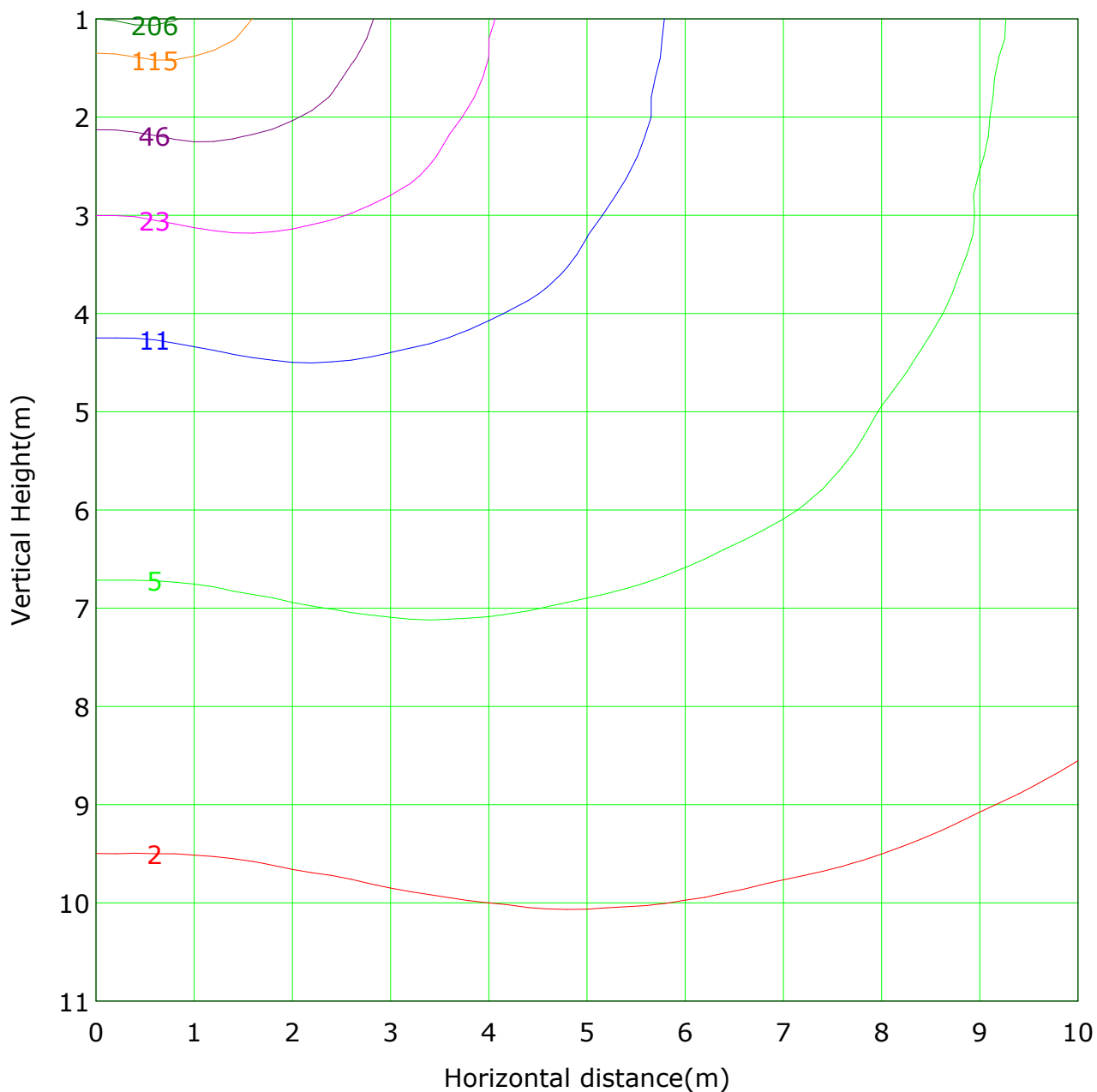
Illuminance at a Distance(Field Angle)



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: 229.3 lx

| | |
|------------------|------------------|
| (1%): 2.3 lx | (2%): 4.6 lx |
| (5%): 11.5 lx | (10%): 22.9 lx |
| (20%): 45.9 lx | (50%): 114.7 lx |
| (90%): 206.4 lx | (100%): 229.3 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

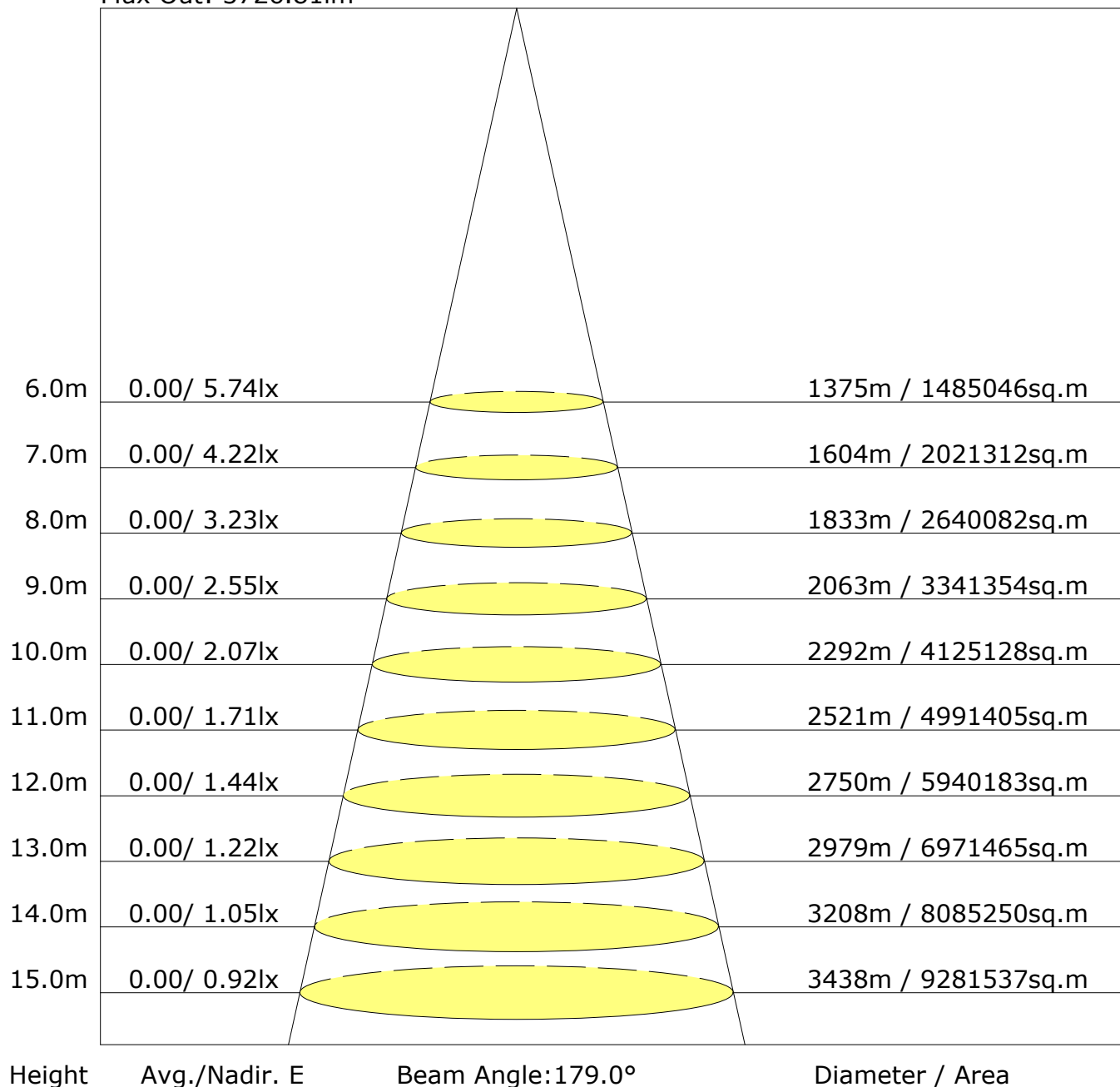
| Vertical plane | Horizontal plane | | | | | | | | | | | | | | | | | | | | |
|----------------|------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-------|---------|---------|
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| -90 | 1.1 | 3.0 | 4.7 | 6.7 | 8.6 | 9.5 | 9.9 | 10.3 | 10.5 | 10.6 | 10.6 | 10.0 | 8.8 | 7.4 | 5.9 | 4.4 | 2.8 | 1.0 | 125.5 | 125.5 | |
| -80 | 1.1 | 3.0 | 4.7 | 6.7 | 8.7 | 9.7 | 10.1 | 10.5 | 10.7 | 10.8 | 10.7 | 10.1 | 8.9 | 7.4 | 6.0 | 4.4 | 2.8 | 1.0 | 127.2 | 127.2 | |
| -70 | 1.1 | 3.1 | 4.7 | 6.7 | 8.8 | 10.0 | 10.5 | 10.9 | 11.2 | 11.2 | 11.1 | 10.4 | 9.1 | 7.6 | 6.0 | 4.4 | 2.8 | 1.0 | 130.8 | 130.8 | |
| -60 | 1.1 | 3.1 | 4.8 | 6.8 | 9.0 | 10.5 | 10.9 | 11.1 | 11.3 | 11.3 | 11.1 | 10.4 | 9.2 | 7.8 | 6.2 | 4.5 | 2.9 | 1.0 | 132.7 | 132.7 | |
| -50 | 1.1 | 3.1 | 4.9 | 6.8 | 8.9 | 10.5 | 10.9 | 10.9 | 10.8 | 10.7 | 10.5 | 10.1 | 9.2 | 7.9 | 6.3 | 4.6 | 2.9 | 1.0 | 131.3 | 131.3 | |
| -40 | 1.1 | 3.2 | 5.1 | 6.9 | 8.6 | 10.1 | 10.4 | 10.0 | 9.7 | 9.5 | 9.4 | 9.2 | 8.9 | 8.0 | 6.4 | 4.8 | 3.0 | 1.0 | 125.4 | 125.4 | |
| -30 | 1.1 | 3.3 | 5.3 | 7.0 | 8.4 | 9.3 | 9.5 | 9.1 | 8.5 | 8.2 | 8.2 | 8.4 | 8.5 | 8.0 | 6.6 | 5.0 | 3.0 | 1.0 | 118.4 | 118.4 | |
| -20 | 1.1 | 3.3 | 5.5 | 7.2 | 8.4 | 8.6 | 8.5 | 8.0 | 7.2 | 6.8 | 7.3 | 7.8 | 8.2 | 8.0 | 6.8 | 5.1 | 3.1 | 1.0 | 112.1 | 112.1 | |
| -10 | 1.1 | 3.4 | 5.6 | 7.4 | 8.5 | 8.5 | 8.1 | 7.2 | 6.4 | 6.1 | 6.8 | 7.7 | 8.1 | 8.0 | 7.0 | 5.2 | 3.1 | 1.0 | 109.6 | 109.6 | |
| 0 | 1.1 | 3.4 | 5.6 | 7.4 | 8.4 | 8.4 | 7.9 | 6.9 | 6.1 | 6.2 | 6.9 | 7.8 | 8.2 | 8.0 | 7.0 | 5.3 | 3.2 | 1.1 | 108.8 | 108.8 | |
| 10 | 1.1 | 3.3 | 5.4 | 7.1 | 8.0 | 8.1 | 7.9 | 7.4 | 6.9 | 6.8 | 7.4 | 8.1 | 8.3 | 8.1 | 6.9 | 5.2 | 3.1 | 1.0 | 110.2 | 110.2 | |
| 20 | 1.1 | 3.3 | 5.2 | 6.8 | 7.8 | 8.5 | 8.6 | 8.4 | 8.2 | 8.1 | 8.4 | 8.7 | 8.7 | 8.1 | 6.8 | 5.1 | 3.1 | 1.0 | 115.8 | 115.8 | |
| 30 | 1.1 | 3.2 | 5.0 | 6.6 | 7.9 | 9.0 | 9.5 | 9.6 | 9.5 | 9.4 | 9.5 | 9.5 | 9.2 | 8.2 | 6.7 | 5.0 | 3.0 | 1.0 | 123.0 | 123.0 | |
| 40 | 1.1 | 3.1 | 4.9 | 6.4 | 7.9 | 9.2 | 10.2 | 10.8 | 10.8 | 10.7 | 10.6 | 10.3 | 9.5 | 8.3 | 6.7 | 4.9 | 3.0 | 1.0 | 129.5 | 129.5 | |
| 50 | 1.1 | 3.1 | 4.7 | 6.4 | 7.8 | 9.2 | 10.5 | 11.2 | 11.4 | 11.3 | 11.2 | 10.6 | 9.6 | 8.3 | 6.6 | 4.7 | 3.0 | 1.0 | 131.6 | 131.6 | |
| 60 | 1.1 | 3.0 | 4.6 | 6.2 | 7.7 | 9.2 | 10.5 | 11.3 | 11.4 | 11.3 | 11.2 | 10.6 | 9.6 | 8.3 | 6.5 | 4.7 | 2.9 | 1.0 | 131.0 | 131.0 | |
| 70 | 1.1 | 3.0 | 4.5 | 6.1 | 7.5 | 9.0 | 10.3 | 10.9 | 11.0 | 10.9 | 10.7 | 10.2 | 9.3 | 8.1 | 6.4 | 4.6 | 2.9 | 1.0 | 127.6 | 127.6 | |
| 80 | 1.1 | 2.9 | 4.5 | 6.0 | 7.4 | 8.9 | 10.1 | 10.7 | 10.7 | 10.6 | 10.4 | 9.9 | 9.1 | 8.0 | 6.4 | 4.6 | 2.9 | 1.0 | 125.1 | 125.1 | |
| 90 | 19.9 | 56.8 | 89.8 | 121.3 | 148.4 | 166.0 | 174.5 | 175.1 | 172.3 | 170.6 | 171.9 | 169.6 | 160.3 | 143.5 | 117.3 | 86.4 | 53.5 | 18.5 | 2216 | | |
| Flux(T) | 19.9 | 56.8 | 89.8 | 121.3 | 148.4 | 166.0 | 174.5 | 175.1 | 172.3 | 170.6 | 171.9 | 169.6 | 160.3 | 143.5 | 117.3 | 86.4 | 53.5 | 18.5 | 2216 | | |
| Flux(E) | 19.9 | 56.8 | 89.8 | 121.3 | 148.4 | 166.0 | 174.5 | 175.1 | 172.3 | 170.6 | 171.9 | 169.6 | 160.3 | 143.5 | 117.3 | 86.4 | 53.5 | 18.5 | | 2216 | |
| | -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: 3726.81lm



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

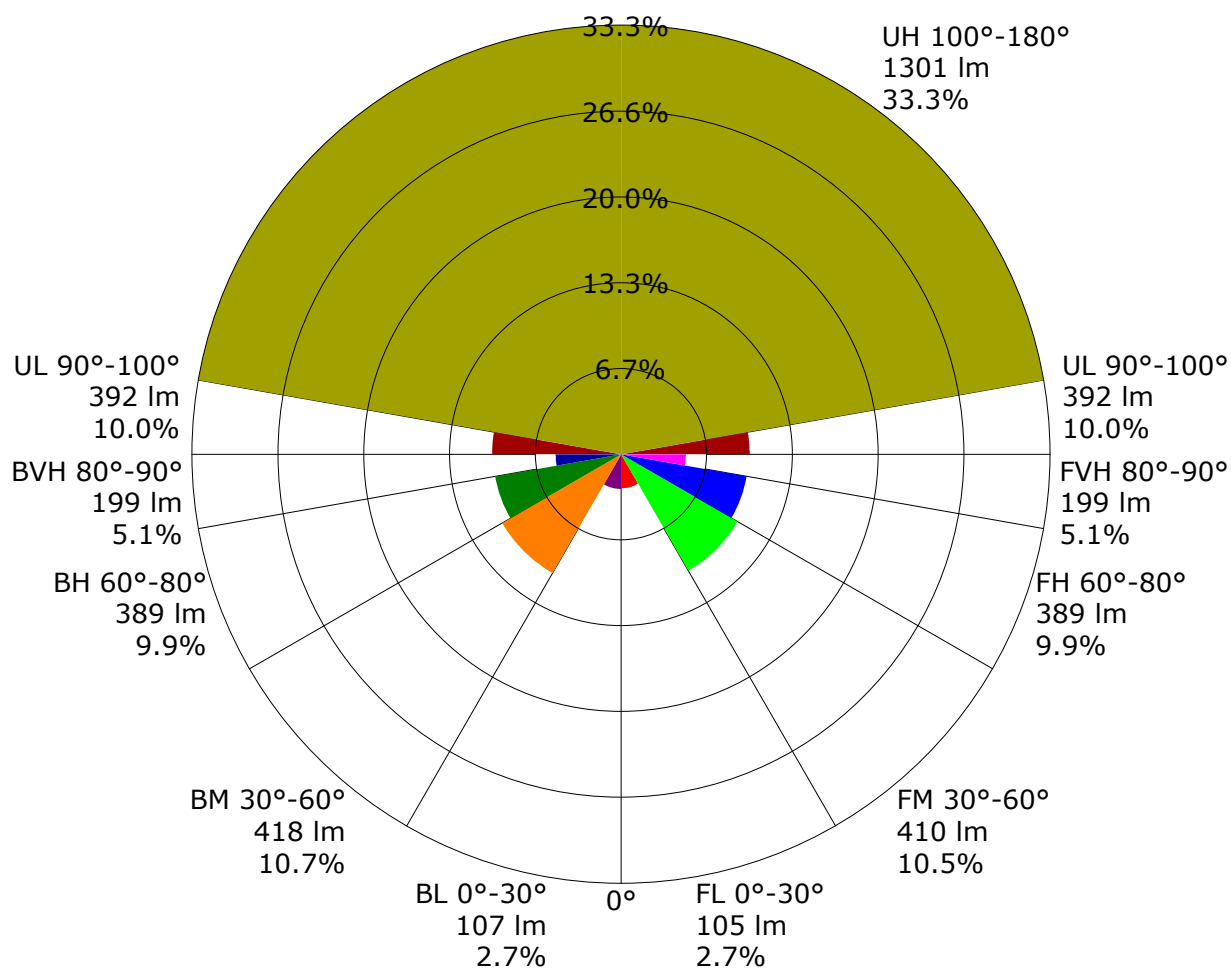
| | | | | | | | | | | |
|--|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Reflectance: | | | | | | | | | | |
| Ceiling (cavity) | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 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 3909Im ($8\log(F/F_0) = 4.7$).

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:

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 = 2.50 | | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| 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 | NA | NA | 0.54 | 0.59 | 0.66 | 0.71 | 0.74 | 0.79 | 0.82 | |
| | 0.30 | | NA | NA | 0.46 | 0.51 | 0.58 | 0.64 | 0.68 | 0.73 | 0.77 | |
| | 0.20 | | NA | NA | 0.40 | 0.44 | 0.52 | 0.58 | 0.62 | 0.69 | 0.73 | |
| 0.50 | 0.50 | 0.20 | NA | NA | 0.46 | 0.50 | 0.56 | 0.60 | 0.63 | 0.67 | 0.70 | |
| | 0.30 | | NA | NA | 0.40 | 0.44 | 0.50 | 0.55 | 0.58 | 0.63 | 0.66 | |
| | 0.20 | | NA | NA | 0.35 | 0.39 | 0.45 | 0.50 | 0.54 | 0.59 | 0.63 | |
| 0.30 | 0.50 | 0.20 | NA | NA | 0.39 | 0.42 | 0.47 | 0.50 | 0.53 | 0.56 | 0.59 | |
| | 0.30 | | NA | NA | 0.34 | 0.37 | 0.42 | 0.46 | 0.49 | 0.53 | 0.56 | |
| | 0.20 | | NA | NA | 0.30 | 0.33 | 0.38 | 0.43 | 0.46 | 0.50 | 0.53 | |
| 0.00 | 0.00 | 0.00 | NA | NA | 0.21 | 0.23 | 0.28 | 0.31 | 0.33 | 0.37 | 0.39 | |
| Rating:25W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980 | | | | | | | | | | | | |

Utilisation Factor Table(Wall)

| Utilisation Factors UF(W) | | | SHR NOM = 2.50 | | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| 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 | NA | NA | 0.76 | 0.69 | 0.58 | 0.49 | 0.44 | 0.36 | 0.30 | |
| | 0.30 | | NA | NA | 0.67 | 0.61 | 0.52 | 0.45 | 0.40 | 0.34 | 0.29 | |
| | 0.20 | | NA | NA | 0.59 | 0.55 | 0.48 | 0.42 | 0.38 | 0.32 | 0.27 | |
| 0.50 | 0.50 | 0.20 | NA | NA | 0.67 | 0.61 | 0.51 | 0.45 | 0.39 | 0.32 | 0.27 | |
| | 0.30 | | NA | NA | 0.59 | 0.55 | 0.47 | 0.41 | 0.36 | 0.30 | 0.26 | |
| | 0.20 | | NA | NA | 0.53 | 0.49 | 0.43 | 0.38 | 0.34 | 0.29 | 0.25 | |
| 0.30 | 0.50 | 0.20 | NA | NA | 0.58 | 0.53 | 0.45 | 0.39 | 0.34 | 0.28 | 0.24 | |
| | 0.30 | | NA | NA | 0.52 | 0.48 | 0.41 | 0.36 | 0.32 | 0.27 | 0.23 | |
| | 0.20 | | NA | NA | 0.47 | 0.44 | 0.38 | 0.34 | 0.31 | 0.26 | 0.23 | |
| 0.00 | 0.00 | 0.00 | 0.57 | 0.57 | 0.35 | 0.33 | 0.29 | 0.26 | 0.24 | 0.20 | 0.18 | |
| Rating:25W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980 | | | | | | | | | | | | |

Utilisation Factor Table(Ceiling cavity)

| Utilisation Factors UF(C) | | | SHR NOM = 2.50 | | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| 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 | NA | NA | 0.61 | 0.61 | 0.62 | 0.63 | 0.63 | 0.63 | 0.63 | |
| | 0.30 | | NA | NA | 0.54 | 0.55 | 0.56 | 0.57 | 0.58 | 0.59 | 0.60 | |
| | 0.20 | | NA | NA | 0.49 | 0.50 | 0.52 | 0.53 | 0.54 | 0.55 | 0.56 | |
| 0.50 | 0.50 | 0.20 | NA | NA | 0.58 | 0.59 | 0.60 | 0.60 | 0.60 | 0.61 | 0.61 | |
| | 0.30 | | NA | NA | 0.53 | 0.54 | 0.55 | 0.56 | 0.56 | 0.57 | 0.58 | |
| | 0.20 | | NA | NA | 0.48 | 0.49 | 0.51 | 0.52 | 0.53 | 0.54 | 0.55 | |
| 0.30 | 0.50 | 0.20 | NA | NA | 0.56 | 0.57 | 0.57 | 0.58 | 0.58 | 0.58 | 0.58 | |
| | 0.30 | | NA | NA | 0.52 | 0.52 | 0.53 | 0.54 | 0.54 | 0.55 | 0.56 | |
| | 0.20 | | NA | NA | 0.48 | 0.48 | 0.49 | 0.50 | 0.51 | 0.52 | 0.53 | |
| 0.00 | 0.00 | 0.00 | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 | |
| Rating:25W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980 | | | | | | | | | | | | |

Zonal Lumen

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 0.0-1.0 | 197.2 | 0.2 | 0.2 | 0.00 | 0.00 |
| 1.0-2.0 | 197.4 | 0.6 | 0.8 | 0.01 | 0.02 |
| 2.0-3.0 | 197.8 | 0.9 | 1.7 | 0.02 | 0.04 |
| 3.0-4.0 | 198.3 | 1.3 | 3.0 | 0.03 | 0.08 |
| 4.0-5.0 | 199.1 | 1.7 | 4.7 | 0.04 | 0.12 |
| 5.0-6.0 | 200.2 | 2.1 | 6.8 | 0.05 | 0.18 |
| 6.0-7.0 | 201.7 | 2.5 | 9.4 | 0.06 | 0.24 |
| 7.0-8.0 | 203.6 | 2.9 | 12.3 | 0.07 | 0.31 |
| 8.0-9.0 | 205.9 | 3.3 | 15.6 | 0.09 | 0.40 |
| 9.0-10.0 | 208.5 | 3.8 | 19.4 | 0.10 | 0.50 |
| 10.0-11.0 | 211.5 | 4.2 | 23.6 | 0.11 | 0.60 |
| 11.0-12.0 | 214.5 | 4.7 | 28.3 | 0.12 | 0.72 |
| 12.0-13.0 | 217.8 | 5.2 | 33.5 | 0.13 | 0.86 |
| 13.0-14.0 | 221.3 | 5.7 | 39.1 | 0.14 | 1.00 |
| 14.0-15.0 | 225.1 | 6.2 | 45.3 | 0.16 | 1.16 |
| 15.0-16.0 | 229.3 | 6.7 | 52.0 | 0.17 | 1.33 |
| 16.0-17.0 | 234.1 | 7.3 | 59.3 | 0.19 | 1.52 |
| 17.0-18.0 | 238.8 | 7.9 | 67.2 | 0.20 | 1.72 |
| 18.0-19.0 | 243.5 | 8.5 | 75.7 | 0.22 | 1.94 |
| 19.0-20.0 | 248.2 | 9.1 | 84.7 | 0.23 | 2.17 |
| 20.0-21.0 | 252.9 | 9.7 | 94.5 | 0.25 | 2.42 |
| 21.0-22.0 | 257.6 | 10.4 | 104.8 | 0.26 | 2.68 |
| 22.0-23.0 | 262.5 | 11.0 | 115.8 | 0.28 | 2.96 |
| 23.0-24.0 | 267.4 | 11.7 | 127.5 | 0.30 | 3.26 |
| 24.0-25.0 | 272.2 | 12.4 | 139.9 | 0.32 | 3.58 |
| 25.0-26.0 | 277.0 | 13.1 | 153.0 | 0.33 | 3.91 |
| 26.0-27.0 | 281.7 | 13.8 | 166.8 | 0.35 | 4.27 |
| 27.0-28.0 | 286.3 | 14.5 | 181.3 | 0.37 | 4.64 |
| 28.0-29.0 | 290.9 | 15.2 | 196.5 | 0.39 | 5.03 |
| 29.0-30.0 | 295.4 | 15.9 | 212.4 | 0.41 | 5.43 |
| 30.0-31.0 | 299.6 | 16.7 | 229.1 | 0.43 | 5.86 |
| 31.0-32.0 | 303.9 | 17.4 | 246.5 | 0.45 | 6.31 |
| 32.0-33.0 | 308.1 | 18.2 | 264.7 | 0.46 | 6.77 |
| 33.0-34.0 | 312.2 | 18.9 | 283.6 | 0.48 | 7.25 |
| 34.0-35.0 | 316.4 | 19.7 | 303.2 | 0.50 | 7.76 |
| 35.0-36.0 | 320.9 | 20.4 | 323.7 | 0.52 | 8.28 |

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 | 325.6 | 21.2 | 344.9 | 0.54 | 8.82 |
| 37.0-38.0 | 330.2 | 22.0 | 366.9 | 0.56 | 9.39 |
| 38.0-39.0 | 335.0 | 22.9 | 389.8 | 0.59 | 9.97 |
| 39.0-40.0 | 339.7 | 23.7 | 413.5 | 0.61 | 10.58 |
| 40.0-41.0 | 344.4 | 24.5 | 438.0 | 0.63 | 11.21 |
| 41.0-42.0 | 349.0 | 25.4 | 463.4 | 0.65 | 11.85 |
| 42.0-43.0 | 353.6 | 26.2 | 489.6 | 0.67 | 12.52 |
| 43.0-44.0 | 358.0 | 27.0 | 516.6 | 0.69 | 13.22 |
| 44.0-45.0 | 362.2 | 27.8 | 544.5 | 0.71 | 13.93 |
| 45.0-46.0 | 366.3 | 28.6 | 573.1 | 0.73 | 14.66 |
| 46.0-47.0 | 369.9 | 29.4 | 602.5 | 0.75 | 15.41 |
| 47.0-48.0 | 373.2 | 30.2 | 632.7 | 0.77 | 16.19 |
| 48.0-49.0 | 376.3 | 30.9 | 663.6 | 0.79 | 16.98 |
| 49.0-50.0 | 379.0 | 31.6 | 695.2 | 0.81 | 17.79 |
| 50.0-51.0 | 381.3 | 32.3 | 727.5 | 0.83 | 18.61 |
| 51.0-52.0 | 383.2 | 32.9 | 760.4 | 0.84 | 19.45 |
| 52.0-53.0 | 384.6 | 33.5 | 793.8 | 0.86 | 20.31 |
| 53.0-54.0 | 385.4 | 34.0 | 827.8 | 0.87 | 21.18 |
| 54.0-55.0 | 385.7 | 34.4 | 862.2 | 0.88 | 22.06 |
| 55.0-56.0 | 385.7 | 34.9 | 897.1 | 0.89 | 22.95 |
| 56.0-57.0 | 385.5 | 35.2 | 932.3 | 0.90 | 23.85 |
| 57.0-58.0 | 385.4 | 35.6 | 968.0 | 0.91 | 24.76 |
| 58.0-59.0 | 385.7 | 36.1 | 1004.0 | 0.92 | 25.69 |
| 59.0-60.0 | 386.3 | 36.5 | 1040.5 | 0.93 | 26.62 |
| 60.0-61.0 | 386.8 | 36.9 | 1077.5 | 0.94 | 27.56 |
| 61.0-62.0 | 386.9 | 37.3 | 1114.8 | 0.95 | 28.52 |
| 62.0-63.0 | 386.9 | 37.6 | 1152.4 | 0.96 | 29.48 |
| 63.0-64.0 | 386.9 | 38.0 | 1190.4 | 0.97 | 30.45 |
| 64.0-65.0 | 386.6 | 38.3 | 1228.6 | 0.98 | 31.43 |
| 65.0-66.0 | 386.1 | 38.5 | 1267.2 | 0.99 | 32.42 |
| 66.0-67.0 | 385.2 | 38.7 | 1305.9 | 0.99 | 33.41 |
| 67.0-68.0 | 384.1 | 38.9 | 1344.8 | 1.00 | 34.40 |
| 68.0-69.0 | 382.9 | 39.1 | 1383.9 | 1.00 | 35.40 |
| 69.0-70.0 | 381.8 | 39.2 | 1423.1 | 1.00 | 36.41 |
| 70.0-71.0 | 380.3 | 39.3 | 1462.4 | 1.01 | 37.41 |
| 71.0-72.0 | 378.3 | 39.3 | 1501.8 | 1.01 | 38.42 |

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 | 376.1 | 39.3 | 1541.1 | 1.01 | 39.42 |
| 73.0-74.0 | 374.6 | 39.4 | 1580.5 | 1.01 | 40.43 |
| 74.0-75.0 | 373.5 | 39.5 | 1620.0 | 1.01 | 41.44 |
| 75.0-76.0 | 372.6 | 39.6 | 1659.5 | 1.01 | 42.45 |
| 76.0-77.0 | 371.1 | 39.6 | 1699.1 | 1.01 | 43.47 |
| 77.0-78.0 | 369.4 | 39.6 | 1738.6 | 1.01 | 44.48 |
| 78.0-79.0 | 368.2 | 39.6 | 1778.2 | 1.01 | 45.49 |
| 79.0-80.0 | 367.0 | 39.6 | 1817.8 | 1.01 | 46.50 |
| 80.0-81.0 | 366.5 | 39.6 | 1857.4 | 1.01 | 47.52 |
| 81.0-82.0 | 366.6 | 39.8 | 1897.2 | 1.02 | 48.53 |
| 82.0-83.0 | 366.5 | 39.8 | 1937.0 | 1.02 | 49.55 |
| 83.0-84.0 | 365.9 | 39.9 | 1976.9 | 1.02 | 50.57 |
| 84.0-85.0 | 365.4 | 39.9 | 2016.8 | 1.02 | 51.59 |
| 85.0-86.0 | 364.7 | 39.9 | 2056.6 | 1.02 | 52.61 |
| 86.0-87.0 | 364.0 | 39.8 | 2096.5 | 1.02 | 53.63 |
| 87.0-88.0 | 363.3 | 39.8 | 2136.3 | 1.02 | 54.65 |
| 88.0-89.0 | 362.5 | 39.7 | 2176.0 | 1.02 | 55.67 |
| 89.0-90.0 | 361.9 | 39.7 | 2215.7 | 1.02 | 56.68 |
| 90.0-91.0 | 361.5 | 39.6 | 2255.3 | 1.01 | 57.70 |
| 91.0-92.0 | 361.1 | 39.6 | 2294.9 | 1.01 | 58.71 |
| 92.0-93.0 | 360.7 | 39.5 | 2334.4 | 1.01 | 59.72 |
| 93.0-94.0 | 360.2 | 39.4 | 2373.9 | 1.01 | 60.73 |
| 94.0-95.0 | 359.7 | 39.3 | 2413.2 | 1.01 | 61.73 |
| 95.0-96.0 | 359.2 | 39.2 | 2452.4 | 1.00 | 62.74 |
| 96.0-97.0 | 358.6 | 39.1 | 2491.5 | 1.00 | 63.74 |
| 97.0-98.0 | 357.9 | 38.9 | 2530.4 | 1.00 | 64.73 |
| 98.0-99.0 | 357.1 | 38.7 | 2569.1 | 0.99 | 65.72 |
| 99.0-100.0 | 356.1 | 38.5 | 2607.6 | 0.99 | 66.71 |
| 100.0-101.0 | 355.0 | 38.3 | 2645.9 | 0.98 | 67.69 |
| 101.0-102.0 | 353.9 | 38.0 | 2683.9 | 0.97 | 68.66 |
| 102.0-103.0 | 352.5 | 37.7 | 2721.7 | 0.97 | 69.63 |
| 103.0-104.0 | 351.1 | 37.4 | 2759.1 | 0.96 | 70.58 |
| 104.0-105.0 | 349.4 | 37.1 | 2796.2 | 0.95 | 71.53 |
| 105.0-106.0 | 347.6 | 36.7 | 2832.9 | 0.94 | 72.47 |
| 106.0-107.0 | 345.6 | 36.3 | 2869.3 | 0.93 | 73.40 |
| 107.0-108.0 | 343.6 | 35.9 | 2905.2 | 0.92 | 74.32 |

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 [°] | Imean [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------|--------------------|------------------------|-----------------------|---------------------------|
| 108.0-109.0 | 341.4 | 35.5 | 2940.7 | 0.91 | 75.23 |
| 109.0-110.0 | 339.2 | 35.1 | 2975.8 | 0.90 | 76.13 |
| 110.0-111.0 | 336.7 | 34.6 | 3010.4 | 0.88 | 77.01 |
| 111.0-112.0 | 334.1 | 34.1 | 3044.4 | 0.87 | 77.88 |
| 112.0-113.0 | 331.4 | 33.6 | 3078.0 | 0.86 | 78.74 |
| 113.0-114.0 | 328.6 | 33.0 | 3111.1 | 0.85 | 79.59 |
| 114.0-115.0 | 325.7 | 32.5 | 3143.6 | 0.83 | 80.42 |
| 115.0-116.0 | 322.6 | 31.9 | 3175.5 | 0.82 | 81.24 |
| 116.0-117.0 | 319.5 | 31.4 | 3206.9 | 0.80 | 82.04 |
| 117.0-118.0 | 316.1 | 30.8 | 3237.6 | 0.79 | 82.83 |
| 118.0-119.0 | 312.7 | 30.1 | 3267.7 | 0.77 | 83.60 |
| 119.0-120.0 | 309.1 | 29.5 | 3297.2 | 0.75 | 84.35 |
| 120.0-121.0 | 305.4 | 28.9 | 3326.1 | 0.74 | 85.09 |
| 121.0-122.0 | 301.6 | 28.2 | 3354.3 | 0.72 | 85.81 |
| 122.0-123.0 | 297.7 | 27.5 | 3381.8 | 0.70 | 86.52 |
| 123.0-124.0 | 293.6 | 26.8 | 3408.7 | 0.69 | 87.20 |
| 124.0-125.0 | 289.4 | 26.2 | 3434.8 | 0.67 | 87.87 |
| 125.0-126.0 | 285.1 | 25.4 | 3460.3 | 0.65 | 88.52 |
| 126.0-127.0 | 280.6 | 24.7 | 3485.0 | 0.63 | 89.15 |
| 127.0-128.0 | 276.0 | 24.0 | 3509.0 | 0.61 | 89.77 |
| 128.0-129.0 | 271.2 | 23.3 | 3532.3 | 0.60 | 90.36 |
| 129.0-130.0 | 266.2 | 22.5 | 3554.8 | 0.58 | 90.94 |
| 130.0-131.0 | 261.2 | 21.8 | 3576.6 | 0.56 | 91.50 |
| 131.0-132.0 | 255.9 | 21.0 | 3597.6 | 0.54 | 92.04 |
| 132.0-133.0 | 250.4 | 20.2 | 3617.9 | 0.52 | 92.55 |
| 133.0-134.0 | 244.9 | 19.5 | 3637.4 | 0.50 | 93.05 |
| 134.0-135.0 | 239.2 | 18.7 | 3656.1 | 0.48 | 93.53 |
| 135.0-136.0 | 233.4 | 17.9 | 3674.0 | 0.46 | 93.99 |
| 136.0-137.0 | 227.4 | 17.2 | 3691.2 | 0.44 | 94.43 |
| 137.0-138.0 | 221.3 | 16.4 | 3707.6 | 0.42 | 94.85 |
| 138.0-139.0 | 215.1 | 15.6 | 3723.2 | 0.40 | 95.25 |
| 139.0-140.0 | 208.8 | 14.9 | 3738.1 | 0.38 | 95.63 |
| 140.0-141.0 | 202.4 | 14.1 | 3752.2 | 0.36 | 95.99 |
| 141.0-142.0 | 195.8 | 13.4 | 3765.6 | 0.34 | 96.33 |
| 142.0-143.0 | 189.1 | 12.6 | 3778.2 | 0.32 | 96.65 |
| 143.0-144.0 | 182.4 | 11.9 | 3790.1 | 0.30 | 96.96 |

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 [°] | Imean [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------|--------------------|------------------------|-----------------------|---------------------------|
| 144.0-145.0 | 175.5 | 11.2 | 3801.3 | 0.29 | 97.24 |
| 145.0-146.0 | 168.5 | 10.5 | 3811.7 | 0.27 | 97.51 |
| 146.0-147.0 | 161.4 | 9.8 | 3821.5 | 0.25 | 97.76 |
| 147.0-148.0 | 154.5 | 9.1 | 3830.6 | 0.23 | 98.00 |
| 148.0-149.0 | 147.5 | 8.4 | 3839.0 | 0.22 | 98.21 |
| 149.0-150.0 | 140.6 | 7.8 | 3846.9 | 0.20 | 98.41 |
| 150.0-151.0 | 133.8 | 7.2 | 3854.1 | 0.18 | 98.60 |
| 151.0-152.0 | 127.0 | 6.6 | 3860.7 | 0.17 | 98.77 |
| 152.0-153.0 | 120.3 | 6.1 | 3866.8 | 0.16 | 98.92 |
| 153.0-154.0 | 113.8 | 5.6 | 3872.4 | 0.14 | 99.06 |
| 154.0-155.0 | 107.2 | 5.1 | 3877.5 | 0.13 | 99.19 |
| 155.0-156.0 | 100.7 | 4.6 | 3882.0 | 0.12 | 99.31 |
| 156.0-157.0 | 94.2 | 4.1 | 3886.2 | 0.11 | 99.42 |
| 157.0-158.0 | 87.6 | 3.7 | 3889.8 | 0.09 | 99.51 |
| 158.0-159.0 | 81.0 | 3.3 | 3893.1 | 0.08 | 99.59 |
| 159.0-160.0 | 74.3 | 2.9 | 3895.9 | 0.07 | 99.67 |
| 160.0-161.0 | 67.7 | 2.5 | 3898.4 | 0.06 | 99.73 |
| 161.0-162.0 | 60.9 | 2.1 | 3900.5 | 0.05 | 99.78 |
| 162.0-163.0 | 54.0 | 1.8 | 3902.3 | 0.05 | 99.83 |
| 163.0-164.0 | 47.0 | 1.5 | 3903.8 | 0.04 | 99.87 |
| 164.0-165.0 | 40.4 | 1.2 | 3905.0 | 0.03 | 99.90 |
| 165.0-166.0 | 34.9 | 1.0 | 3905.9 | 0.02 | 99.92 |
| 166.0-167.0 | 30.4 | 0.8 | 3906.7 | 0.02 | 99.94 |
| 167.0-168.0 | 26.5 | 0.6 | 3907.3 | 0.02 | 99.96 |
| 168.0-169.0 | 22.9 | 0.5 | 3907.8 | 0.01 | 99.97 |
| 169.0-170.0 | 19.1 | 0.4 | 3908.2 | 0.01 | 99.98 |
| 170.0-171.0 | 15.4 | 0.3 | 3908.5 | 0.01 | 99.99 |
| 171.0-172.0 | 11.7 | 0.2 | 3908.7 | 0.00 | 99.99 |
| 172.0-173.0 | 8.0 | 0.1 | 3908.8 | 0.00 | 100.00 |
| 173.0-174.0 | 4.9 | 0.1 | 3908.9 | 0.00 | 100.00 |
| 174.0-175.0 | 3.1 | 0.0 | 3908.9 | 0.00 | 100.00 |
| 175.0-176.0 | 2.6 | 0.0 | 3908.9 | 0.00 | 100.00 |
| 176.0-177.0 | 2.6 | 0.0 | 3908.9 | 0.00 | 100.00 |
| 177.0-178.0 | 2.6 | 0.0 | 3908.9 | 0.00 | 100.00 |
| 178.0-179.0 | 2.6 | 0.0 | 3909.0 | 0.00 | 100.00 |
| 179.0-180.0 | 2.6 | 0.0 | 3909.0 | 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 | 206.8 | 202.7 | 199.4 | 196.3 | 194.3 | 192.9 | 192.9 | 192.2 | 206.8 | 202.7 |
| G1.0 | 207.0 | 202.6 | 199.1 | 196.3 | 194.3 | 193.0 | 193.1 | 192.3 | 207.0 | 202.9 |
| G2.0 | 207.0 | 202.8 | 199.4 | 196.4 | 194.3 | 193.1 | 193.4 | 192.7 | 207.2 | 203.3 |
| G3.0 | 207.3 | 202.8 | 199.3 | 196.5 | 194.7 | 193.6 | 194.2 | 192.9 | 207.4 | 203.9 |
| G4.0 | 208.0 | 203.2 | 199.5 | 196.6 | 194.9 | 194.1 | 195.4 | 193.6 | 208.3 | 204.7 |
| G5.0 | 208.6 | 203.8 | 199.8 | 196.8 | 195.3 | 195.0 | 196.4 | 193.8 | 209.5 | 206.4 |
| G6.0 | 209.8 | 204.3 | 200.6 | 197.2 | 195.8 | 196.5 | 198.2 | 196.3 | 211.3 | 208.0 |
| G7.0 | 211.1 | 205.5 | 201.3 | 198.0 | 196.8 | 198.0 | 199.5 | 197.6 | 213.2 | 211.1 |
| G8.0 | 212.9 | 207.3 | 202.6 | 198.9 | 198.1 | 200.0 | 201.8 | 199.6 | 216.1 | 214.6 |
| G9.0 | 215.1 | 209.1 | 204.5 | 199.9 | 200.2 | 202.6 | 204.8 | 202.8 | 219.2 | 216.8 |
| G10.0 | 217.5 | 212.3 | 206.5 | 202.7 | 203.0 | 205.2 | 206.9 | 206.1 | 221.9 | 221.2 |
| G11.0 | 221.0 | 214.8 | 209.2 | 203.7 | 205.5 | 208.9 | 209.2 | 208.6 | 225.0 | 224.9 |
| G12.0 | 224.0 | 219.1 | 212.6 | 206.9 | 209.7 | 211.3 | 212.7 | 211.4 | 228.4 | 228.1 |
| G13.0 | 227.2 | 222.0 | 216.6 | 210.3 | 213.1 | 214.1 | 216.7 | 214.7 | 232.7 | 231.2 |
| G14.0 | 230.2 | 225.5 | 219.9 | 212.7 | 216.6 | 218.1 | 220.4 | 217.7 | 236.7 | 234.7 |
| G15.0 | 234.3 | 229.9 | 223.0 | 215.9 | 219.6 | 222.5 | 224.5 | 221.8 | 241.1 | 239.0 |
| G16.0 | 238.9 | 233.8 | 227.5 | 220.5 | 223.8 | 227.2 | 228.9 | 226.3 | 246.1 | 244.6 |
| G17.0 | 243.3 | 238.3 | 231.9 | 225.0 | 228.4 | 232.0 | 233.2 | 230.8 | 251.9 | 250.6 |
| G18.0 | 247.9 | 243.2 | 236.1 | 228.7 | 232.4 | 235.8 | 237.6 | 235.8 | 257.5 | 256.4 |
| G19.0 | 252.2 | 248.6 | 240.8 | 232.2 | 237.2 | 239.7 | 241.7 | 240.8 | 262.5 | 262.1 |
| G20.0 | 257.2 | 253.6 | 245.8 | 236.9 | 242.4 | 243.5 | 246.4 | 245.5 | 267.8 | 267.0 |
| G21.0 | 262.3 | 258.5 | 250.2 | 241.4 | 247.6 | 247.1 | 251.4 | 249.8 | 273.4 | 271.5 |
| G22.0 | 266.9 | 263.8 | 255.1 | 245.7 | 252.2 | 251.5 | 257.1 | 254.1 | 278.2 | 276.3 |
| G23.0 | 272.1 | 268.5 | 259.6 | 250.2 | 256.4 | 256.9 | 262.2 | 258.8 | 283.6 | 280.8 |
| G24.0 | 277.9 | 273.3 | 264.4 | 254.5 | 261.0 | 262.0 | 267.6 | 263.9 | 289.2 | 285.9 |
| G25.0 | 282.9 | 278.1 | 269.5 | 259.4 | 265.4 | 266.6 | 271.9 | 269.0 | 294.8 | 290.5 |
| G26.0 | 287.7 | 283.2 | 274.8 | 265.1 | 270.8 | 271.4 | 275.7 | 274.2 | 300.1 | 295.8 |
| G27.0 | 292.1 | 287.9 | 280.4 | 271.4 | 276.2 | 275.6 | 279.3 | 278.8 | 305.2 | 299.9 |
| G28.0 | 296.5 | 292.5 | 285.4 | 276.9 | 281.4 | 280.1 | 283.0 | 282.6 | 310.2 | 303.9 |
| G29.0 | 301.7 | 297.5 | 289.8 | 282.4 | 286.4 | 284.6 | 287.3 | 286.7 | 315.0 | 307.3 |
| G30.0 | 306.4 | 302.0 | 294.6 | 287.2 | 290.5 | 289.3 | 291.0 | 290.1 | 319.9 | 311.0 |
| G31.0 | 310.5 | 306.1 | 298.7 | 291.8 | 294.1 | 294.0 | 295.0 | 293.6 | 324.5 | 314.8 |
| G32.0 | 315.2 | 309.6 | 302.5 | 295.9 | 297.8 | 298.9 | 299.6 | 297.4 | 329.4 | 318.6 |
| G33.0 | 319.1 | 313.1 | 306.1 | 300.6 | 301.4 | 303.5 | 303.8 | 300.9 | 334.0 | 322.5 |
| G34.0 | 323.9 | 316.4 | 309.8 | 304.5 | 304.8 | 308.4 | 307.9 | 304.3 | 339.4 | 326.5 |
| G35.0 | 327.9 | 320.2 | 313.8 | 308.1 | 308.5 | 313.8 | 312.9 | 308.3 | 344.4 | 330.4 |
| G36.0 | 332.9 | 324.1 | 317.8 | 312.5 | 312.4 | 319.8 | 317.9 | 312.2 | 350.1 | 334.5 |

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 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 | 338.3 | 328.1 | 322.1 | 317.1 | 316.2 | 325.6 | 323.5 | 316.2 | 355.5 | 339.1 |
| G38.0 | 343.6 | 331.9 | 326.2 | 321.4 | 320.9 | 330.7 | 328.1 | 320.6 | 361.3 | 344.3 |
| G39.0 | 348.7 | 335.9 | 330.9 | 326.5 | 325.2 | 335.9 | 332.8 | 325.4 | 367.5 | 349.6 |
| G40.0 | 353.5 | 340.3 | 335.5 | 331.0 | 330.0 | 340.5 | 336.8 | 329.8 | 372.7 | 354.1 |
| G41.0 | 358.2 | 345.2 | 340.0 | 336.3 | 334.9 | 345.7 | 340.9 | 333.9 | 378.1 | 358.8 |
| G42.0 | 362.6 | 350.0 | 344.9 | 340.6 | 340.2 | 351.1 | 344.0 | 338.2 | 384.0 | 363.2 |
| G43.0 | 367.3 | 354.2 | 349.3 | 344.8 | 345.2 | 355.3 | 347.8 | 341.8 | 389.9 | 367.6 |
| G44.0 | 371.5 | 358.5 | 353.1 | 349.4 | 349.8 | 359.8 | 351.3 | 346.0 | 396.1 | 371.0 |
| G45.0 | 375.7 | 362.5 | 357.3 | 353.9 | 353.9 | 363.7 | 354.3 | 349.1 | 402.4 | 374.8 |
| G46.0 | 380.7 | 366.5 | 362.0 | 358.3 | 357.3 | 367.8 | 357.1 | 352.0 | 407.9 | 377.8 |
| G47.0 | 385.9 | 369.9 | 365.7 | 363.0 | 360.7 | 371.3 | 359.8 | 354.9 | 413.4 | 379.8 |
| G48.0 | 390.3 | 373.2 | 369.4 | 366.4 | 363.2 | 374.5 | 362.0 | 357.5 | 418.5 | 381.7 |
| G49.0 | 395.2 | 376.4 | 372.6 | 369.8 | 365.8 | 377.6 | 363.8 | 359.8 | 422.6 | 384.6 |
| G50.0 | 399.3 | 378.9 | 376.1 | 373.3 | 368.1 | 379.6 | 365.5 | 361.8 | 425.6 | 386.1 |
| G51.0 | 402.8 | 381.4 | 379.0 | 376.4 | 370.3 | 380.4 | 366.9 | 364.1 | 427.8 | 386.9 |
| G52.0 | 404.9 | 383.6 | 380.9 | 379.2 | 371.9 | 382.3 | 368.2 | 365.6 | 429.6 | 387.8 |
| G53.0 | 406.5 | 384.1 | 382.5 | 380.8 | 372.4 | 383.2 | 368.4 | 366.4 | 430.6 | 389.1 |
| G54.0 | 407.0 | 384.5 | 383.1 | 382.4 | 372.1 | 383.5 | 367.8 | 367.7 | 431.5 | 390.1 |
| G55.0 | 408.0 | 384.1 | 383.4 | 382.5 | 371.4 | 383.5 | 367.6 | 368.4 | 433.9 | 391.5 |
| G56.0 | 406.8 | 383.5 | 383.2 | 382.4 | 371.4 | 383.7 | 367.7 | 369.4 | 434.9 | 390.9 |
| G57.0 | 406.3 | 383.0 | 382.3 | 382.2 | 371.4 | 384.5 | 367.7 | 370.5 | 435.9 | 390.4 |
| G58.0 | 405.2 | 382.4 | 382.2 | 381.4 | 371.1 | 385.1 | 368.1 | 371.5 | 437.8 | 390.0 |
| G59.0 | 406.4 | 381.8 | 382.9 | 381.6 | 371.3 | 386.4 | 367.7 | 372.4 | 439.6 | 391.9 |
| G60.0 | 408.4 | 382.3 | 383.8 | 381.6 | 372.5 | 387.6 | 367.4 | 374.1 | 439.3 | 391.9 |
| G61.0 | 409.8 | 382.8 | 385.4 | 381.6 | 373.5 | 389.2 | 366.5 | 375.2 | 439.0 | 390.9 |
| G62.0 | 410.7 | 383.9 | 386.1 | 382.7 | 374.3 | 388.6 | 365.6 | 375.5 | 439.7 | 388.7 |
| G63.0 | 411.7 | 383.8 | 388.0 | 385.6 | 374.1 | 387.6 | 364.8 | 374.4 | 440.5 | 387.6 |
| G64.0 | 413.3 | 383.4 | 389.1 | 386.6 | 374.1 | 387.6 | 362.7 | 372.7 | 442.5 | 386.3 |
| G65.0 | 414.6 | 383.0 | 389.0 | 386.0 | 372.9 | 387.7 | 361.5 | 371.5 | 444.3 | 385.6 |
| G66.0 | 415.1 | 382.1 | 389.3 | 385.6 | 371.0 | 388.1 | 360.3 | 370.5 | 443.9 | 384.1 |
| G67.0 | 414.3 | 381.4 | 389.4 | 384.4 | 369.6 | 388.8 | 359.1 | 369.4 | 445.9 | 383.0 |
| G68.0 | 413.8 | 378.8 | 389.8 | 383.6 | 367.3 | 389.3 | 358.3 | 369.0 | 446.9 | 381.0 |
| G69.0 | 413.9 | 376.5 | 391.2 | 381.5 | 366.0 | 389.7 | 358.2 | 368.1 | 447.4 | 378.3 |
| G70.0 | 413.2 | 374.4 | 391.6 | 378.5 | 365.3 | 389.1 | 359.1 | 368.6 | 445.7 | 374.1 |
| G71.0 | 411.1 | 374.3 | 390.1 | 377.5 | 363.2 | 387.5 | 359.7 | 367.7 | 440.6 | 368.6 |
| G72.0 | 405.0 | 374.7 | 389.2 | 375.5 | 361.7 | 385.0 | 359.4 | 365.6 | 437.5 | 365.0 |
| G73.0 | 400.4 | 370.9 | 385.6 | 375.4 | 362.2 | 382.0 | 356.9 | 365.8 | 436.0 | 366.6 |

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 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 | 401.2 | 368.1 | 379.8 | 369.9 | 360.6 | 383.5 | 355.1 | 364.0 | 434.8 | 367.1 |
| G75.0 | 401.4 | 366.2 | 380.2 | 367.6 | 360.6 | 380.4 | 354.3 | 362.5 | 436.3 | 367.4 |
| G76.0 | 401.6 | 364.8 | 380.1 | 369.0 | 358.5 | 378.7 | 351.2 | 360.1 | 436.7 | 366.2 |
| G77.0 | 399.4 | 363.7 | 379.0 | 366.6 | 355.0 | 377.0 | 347.7 | 357.6 | 436.7 | 365.1 |
| G78.0 | 397.8 | 361.5 | 378.8 | 365.4 | 353.9 | 373.1 | 347.3 | 355.9 | 437.5 | 364.9 |
| G79.0 | 397.5 | 360.0 | 377.0 | 364.2 | 353.4 | 371.3 | 347.0 | 354.2 | 435.6 | 361.6 |
| G80.0 | 395.7 | 359.0 | 373.6 | 361.3 | 351.1 | 372.3 | 347.7 | 352.2 | 433.8 | 360.3 |
| G81.0 | 395.7 | 358.5 | 373.8 | 359.4 | 350.4 | 373.5 | 347.9 | 351.5 | 434.1 | 362.3 |
| G82.0 | 398.4 | 358.1 | 373.3 | 357.7 | 350.0 | 372.5 | 346.5 | 351.8 | 435.0 | 361.6 |
| G83.0 | 400.0 | 357.4 | 372.4 | 357.3 | 348.9 | 372.4 | 346.7 | 350.9 | 434.0 | 360.0 |
| G84.0 | 398.1 | 357.5 | 373.4 | 358.6 | 348.1 | 371.5 | 344.8 | 350.6 | 432.9 | 359.7 |
| G85.0 | 397.0 | 356.8 | 374.2 | 359.0 | 347.9 | 370.7 | 344.1 | 349.7 | 433.2 | 359.2 |
| G86.0 | 397.8 | 355.7 | 373.0 | 357.4 | 347.4 | 369.8 | 343.2 | 348.6 | 432.8 | 358.9 |
| G87.0 | 397.3 | 355.6 | 373.1 | 357.9 | 346.4 | 369.3 | 342.8 | 347.4 | 432.1 | 358.0 |
| G88.0 | 396.3 | 354.9 | 371.8 | 355.5 | 345.8 | 368.4 | 341.8 | 346.4 | 431.5 | 356.5 |
| G89.0 | 395.9 | 354.8 | 371.1 | 354.9 | 345.4 | 367.3 | 341.1 | 345.5 | 431.0 | 356.0 |
| G90.0 | 395.5 | 353.5 | 370.3 | 353.6 | 344.1 | 366.6 | 340.9 | 345.0 | 430.7 | 355.9 |
| G91.0 | 395.9 | 352.6 | 369.8 | 352.9 | 343.4 | 366.3 | 340.5 | 345.0 | 430.4 | 355.5 |
| G92.0 | 395.8 | 352.6 | 369.1 | 352.0 | 343.1 | 365.9 | 339.8 | 344.8 | 429.8 | 354.8 |
| G93.0 | 395.8 | 351.9 | 369.6 | 351.6 | 342.5 | 365.0 | 339.8 | 344.8 | 429.8 | 354.1 |
| G94.0 | 395.3 | 351.0 | 369.7 | 350.9 | 342.1 | 364.3 | 339.1 | 344.6 | 428.8 | 353.5 |
| G95.0 | 395.0 | 350.6 | 369.6 | 350.5 | 341.7 | 363.8 | 338.6 | 344.9 | 428.0 | 352.7 |
| G96.0 | 394.5 | 350.0 | 369.4 | 349.6 | 341.3 | 362.5 | 337.9 | 344.8 | 427.1 | 352.5 |
| G97.0 | 394.0 | 349.5 | 369.1 | 349.4 | 340.1 | 361.7 | 337.4 | 345.1 | 426.2 | 351.6 |
| G98.0 | 393.6 | 348.6 | 368.4 | 348.2 | 339.8 | 360.8 | 337.1 | 344.8 | 424.3 | 350.8 |
| G99.0 | 392.8 | 347.8 | 368.5 | 347.6 | 339.1 | 359.4 | 335.9 | 344.8 | 422.7 | 349.9 |
| G100.0 | 391.7 | 347.0 | 367.8 | 346.8 | 337.9 | 358.0 | 334.9 | 344.0 | 422.1 | 348.8 |
| G101.0 | 391.3 | 346.2 | 367.1 | 345.5 | 337.0 | 356.7 | 333.8 | 344.1 | 420.0 | 347.6 |
| G102.0 | 390.8 | 345.3 | 366.1 | 344.4 | 335.9 | 355.3 | 332.8 | 343.9 | 417.9 | 346.4 |
| G103.0 | 389.4 | 344.3 | 365.1 | 342.6 | 334.9 | 353.4 | 331.6 | 343.6 | 415.6 | 344.5 |
| G104.0 | 388.1 | 343.1 | 364.0 | 341.4 | 333.2 | 352.0 | 330.6 | 342.8 | 413.5 | 343.0 |
| G105.0 | 387.0 | 341.2 | 362.4 | 339.4 | 331.6 | 350.2 | 328.8 | 342.0 | 411.2 | 341.5 |
| G106.0 | 384.9 | 339.6 | 361.0 | 337.8 | 329.8 | 348.4 | 326.9 | 341.2 | 408.8 | 339.0 |
| G107.0 | 383.1 | 337.7 | 358.9 | 335.7 | 328.0 | 345.9 | 324.6 | 340.5 | 405.4 | 337.3 |
| G108.0 | 380.9 | 335.9 | 357.2 | 333.2 | 326.1 | 343.7 | 322.6 | 339.8 | 402.3 | 335.0 |
| G109.0 | 378.4 | 333.7 | 355.1 | 331.4 | 324.2 | 341.1 | 320.7 | 339.1 | 399.3 | 332.9 |
| G110.0 | 375.4 | 331.7 | 352.8 | 329.2 | 322.4 | 338.5 | 318.4 | 338.6 | 395.9 | 330.8 |

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 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 | 372.6 | 329.5 | 350.9 | 326.9 | 320.3 | 335.8 | 316.0 | 337.6 | 391.6 | 328.5 |
| G112.0 | 369.6 | 327.2 | 348.4 | 324.4 | 317.8 | 332.7 | 313.6 | 336.8 | 388.2 | 325.5 |
| G113.0 | 366.5 | 324.8 | 345.5 | 321.7 | 315.4 | 329.5 | 311.0 | 335.2 | 384.0 | 323.0 |
| G114.0 | 363.2 | 322.5 | 342.9 | 318.9 | 313.1 | 326.4 | 308.4 | 333.2 | 380.4 | 320.2 |
| G115.0 | 359.4 | 319.9 | 340.3 | 316.4 | 310.6 | 323.1 | 305.8 | 331.4 | 375.9 | 317.3 |
| G116.0 | 355.6 | 317.0 | 337.2 | 313.5 | 307.7 | 319.6 | 302.8 | 329.6 | 371.6 | 314.1 |
| G117.0 | 351.7 | 314.1 | 334.4 | 310.2 | 304.7 | 316.1 | 299.6 | 328.1 | 367.1 | 310.9 |
| G118.0 | 347.4 | 311.1 | 331.1 | 307.3 | 301.5 | 312.4 | 296.8 | 326.0 | 362.2 | 307.8 |
| G119.0 | 343.0 | 308.0 | 327.6 | 304.3 | 298.3 | 308.2 | 293.5 | 323.8 | 357.5 | 304.3 |
| G120.0 | 338.0 | 304.9 | 324.6 | 301.3 | 295.1 | 304.2 | 290.2 | 321.4 | 352.5 | 300.7 |
| G121.0 | 333.5 | 301.5 | 321.3 | 297.5 | 291.5 | 300.3 | 286.8 | 318.7 | 348.0 | 297.2 |
| G122.0 | 328.4 | 297.9 | 317.8 | 293.5 | 288.2 | 296.1 | 283.4 | 315.7 | 342.3 | 293.5 |
| G123.0 | 323.5 | 294.1 | 314.2 | 289.7 | 284.5 | 292.0 | 279.7 | 312.6 | 336.8 | 289.7 |
| G124.0 | 318.0 | 290.8 | 310.6 | 285.7 | 280.8 | 287.1 | 276.1 | 309.4 | 331.3 | 285.8 |
| G125.0 | 312.6 | 287.3 | 306.4 | 282.0 | 277.1 | 282.5 | 272.5 | 305.9 | 325.8 | 281.8 |
| G126.0 | 306.7 | 283.3 | 302.2 | 277.9 | 273.1 | 277.5 | 268.4 | 302.1 | 319.3 | 277.5 |
| G127.0 | 301.2 | 279.4 | 297.9 | 273.8 | 269.1 | 272.4 | 263.9 | 298.4 | 313.5 | 272.9 |
| G128.0 | 294.8 | 275.3 | 294.3 | 269.6 | 264.8 | 266.8 | 259.8 | 294.3 | 307.3 | 268.5 |
| G129.0 | 288.8 | 271.0 | 289.4 | 265.3 | 260.3 | 261.4 | 255.0 | 289.9 | 300.5 | 263.4 |
| G130.0 | 282.2 | 266.3 | 285.0 | 260.7 | 256.0 | 255.9 | 250.5 | 285.1 | 293.8 | 258.3 |
| G131.0 | 276.0 | 261.5 | 280.0 | 256.3 | 251.4 | 250.2 | 245.6 | 280.1 | 286.8 | 253.6 |
| G132.0 | 269.8 | 256.6 | 274.4 | 251.6 | 246.4 | 244.0 | 240.7 | 274.3 | 279.9 | 248.4 |
| G133.0 | 263.6 | 251.6 | 268.7 | 246.8 | 241.6 | 238.1 | 235.5 | 268.6 | 272.4 | 243.2 |
| G134.0 | 256.6 | 246.6 | 263.1 | 241.9 | 236.4 | 231.7 | 230.6 | 262.5 | 265.3 | 237.9 |
| G135.0 | 249.7 | 241.8 | 256.3 | 236.7 | 231.4 | 225.8 | 225.3 | 256.4 | 258.0 | 232.3 |
| G136.0 | 242.3 | 236.0 | 250.2 | 231.5 | 225.9 | 219.5 | 219.8 | 249.8 | 250.6 | 226.7 |
| G137.0 | 235.3 | 230.8 | 243.1 | 225.8 | 220.3 | 213.4 | 214.5 | 243.4 | 243.7 | 221.4 |
| G138.0 | 228.4 | 225.1 | 236.2 | 220.3 | 214.1 | 206.9 | 208.6 | 236.5 | 236.4 | 216.0 |
| G139.0 | 221.4 | 219.2 | 229.5 | 214.5 | 208.1 | 200.9 | 202.8 | 229.1 | 228.8 | 210.1 |
| G140.0 | 214.3 | 213.2 | 222.9 | 208.8 | 201.6 | 194.7 | 196.9 | 221.8 | 222.4 | 203.9 |
| G141.0 | 207.7 | 207.0 | 216.2 | 202.9 | 195.3 | 188.7 | 190.1 | 214.4 | 215.5 | 197.8 |
| G142.0 | 200.4 | 200.3 | 209.3 | 196.9 | 188.9 | 181.9 | 183.3 | 206.4 | 209.1 | 190.9 |
| G143.0 | 193.4 | 193.5 | 202.8 | 190.6 | 182.4 | 175.7 | 176.6 | 198.5 | 202.1 | 184.1 |
| G144.0 | 186.5 | 186.8 | 195.9 | 184.4 | 175.8 | 168.7 | 169.6 | 191.2 | 194.8 | 176.4 |
| G145.0 | 179.5 | 179.8 | 188.8 | 177.9 | 169.3 | 162.3 | 162.8 | 183.1 | 187.3 | 168.6 |
| G146.0 | 172.0 | 172.9 | 181.5 | 171.3 | 162.6 | 155.2 | 155.8 | 175.7 | 179.0 | 161.0 |
| G147.0 | 164.7 | 166.5 | 174.0 | 164.6 | 156.8 | 148.4 | 149.4 | 168.0 | 171.1 | 154.0 |

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 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 | 157.0 | 159.6 | 166.6 | 158.1 | 150.1 | 142.1 | 142.8 | 160.6 | 163.0 | 146.7 |
| G149.0 | 149.6 | 152.9 | 159.8 | 151.9 | 143.7 | 135.6 | 136.3 | 152.2 | 154.5 | 140.1 |
| G150.0 | 142.6 | 146.5 | 153.3 | 145.5 | 137.5 | 129.4 | 130.0 | 144.4 | 146.4 | 133.2 |
| G151.0 | 135.4 | 139.9 | 146.6 | 139.4 | 130.9 | 122.4 | 124.0 | 136.7 | 138.3 | 126.8 |
| G152.0 | 128.7 | 133.0 | 139.6 | 132.9 | 124.8 | 115.5 | 117.8 | 129.5 | 129.7 | 120.2 |
| G153.0 | 121.6 | 126.7 | 132.7 | 126.7 | 118.4 | 109.3 | 112.1 | 122.5 | 122.2 | 113.9 |
| G154.0 | 114.8 | 120.1 | 126.0 | 120.1 | 112.0 | 103.0 | 105.9 | 115.4 | 114.5 | 107.7 |
| G155.0 | 108.0 | 113.7 | 119.0 | 113.8 | 105.2 | 96.8 | 99.3 | 108.9 | 107.4 | 100.8 |
| G156.0 | 101.8 | 107.0 | 112.4 | 107.1 | 99.0 | 90.5 | 93.0 | 102.3 | 101.3 | 94.1 |
| G157.0 | 95.4 | 100.3 | 105.2 | 100.8 | 92.5 | 84.1 | 86.3 | 96.1 | 94.5 | 87.2 |
| G158.0 | 89.2 | 93.0 | 98.1 | 94.5 | 86.0 | 77.8 | 79.8 | 89.5 | 88.4 | 79.6 |
| G159.0 | 83.1 | 85.8 | 91.7 | 88.1 | 79.8 | 71.0 | 73.3 | 82.7 | 81.8 | 72.6 |
| G160.0 | 76.4 | 78.9 | 84.7 | 81.7 | 73.3 | 64.8 | 67.2 | 76.0 | 73.4 | 66.2 |
| G161.0 | 69.5 | 72.9 | 77.7 | 74.9 | 66.7 | 58.9 | 61.1 | 69.7 | 64.3 | 59.8 |
| G162.0 | 63.1 | 67.1 | 71.0 | 68.8 | 60.3 | 53.5 | 55.0 | 62.6 | 52.8 | 53.2 |
| G163.0 | 57.5 | 61.8 | 64.4 | 62.7 | 54.7 | 49.0 | 49.1 | 54.8 | 45.0 | 41.2 |
| G164.0 | 52.1 | 56.1 | 58.4 | 57.1 | 44.6 | 44.3 | 43.5 | 48.3 | 41.0 | 27.1 |
| G165.0 | 47.0 | 50.1 | 52.7 | 50.6 | 38.3 | 36.7 | 38.6 | 38.7 | 39.8 | 16.1 |
| G166.0 | 41.5 | 43.7 | 47.5 | 43.2 | 31.4 | 28.3 | 32.3 | 29.0 | 33.5 | 14.8 |
| G167.0 | 36.0 | 38.0 | 41.4 | 37.4 | 29.3 | 23.2 | 23.8 | 27.3 | 23.5 | 19.5 |
| G168.0 | 30.5 | 33.4 | 35.2 | 33.3 | 27.3 | 17.4 | 17.5 | 28.8 | 19.5 | 22.5 |
| G169.0 | 26.3 | 29.0 | 29.0 | 29.0 | 24.5 | 14.2 | 14.6 | 27.6 | 15.2 | 20.6 |
| G170.0 | 22.5 | 24.6 | 23.4 | 21.8 | 19.1 | 14.4 | 9.6 | 23.5 | 12.5 | 15.9 |
| G171.0 | 17.9 | 20.3 | 19.9 | 14.8 | 13.5 | 12.4 | 6.9 | 16.5 | 11.3 | 12.5 |
| G172.0 | 12.8 | 15.8 | 16.5 | 10.7 | 11.0 | 9.3 | 5.3 | 9.8 | 9.0 | 9.1 |
| G173.0 | 8.1 | 12.4 | 11.6 | 7.5 | 8.9 | 6.9 | 4.4 | 5.9 | 5.9 | 3.4 |
| G174.0 | 3.7 | 4.7 | 8.1 | 4.7 | 4.6 | 3.8 | 2.8 | 3.4 | 2.9 | 2.7 |
| G175.0 | 2.6 | 2.6 | 3.2 | 3.0 | 2.7 | 2.5 | 2.5 | 2.5 | 2.7 | 2.7 |
| G176.0 | 2.7 | 2.6 | 2.6 | 2.5 | 2.6 | 2.5 | 2.5 | 2.5 | 2.7 | 2.7 |
| G177.0 | 2.7 | 2.6 | 2.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.7 | 2.7 |
| G178.0 | 2.6 | 2.6 | 2.6 | 2.5 | 2.6 | 2.5 | 2.5 | 2.5 | 2.7 | 2.7 |
| G179.0 | 2.6 | 2.6 | 2.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.7 | 2.7 |
| G180.0 | 2.6 | 2.6 | 2.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.7 | 2.7 |
| | | | | | | | | | | |
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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 | 199.4 | 196.3 | 194.3 | 192.9 | 192.9 | 192.2 | 206.8 | | | |
| G1.0 | 199.6 | 196.6 | 194.3 | 193.0 | 192.9 | 192.4 | 207.0 | | | |
| G2.0 | 200.3 | 197.1 | 194.6 | 193.1 | 193.3 | 193.3 | 207.0 | | | |
| G3.0 | 201.1 | 198.2 | 195.0 | 193.4 | 193.6 | 193.8 | 207.3 | | | |
| G4.0 | 202.2 | 199.2 | 195.7 | 193.7 | 194.3 | 194.6 | 208.0 | | | |
| G5.0 | 203.6 | 200.8 | 196.9 | 194.6 | 195.1 | 195.9 | 208.6 | | | |
| G6.0 | 205.3 | 203.0 | 198.2 | 195.6 | 196.0 | 197.4 | 209.8 | | | |
| G7.0 | 208.9 | 205.8 | 200.4 | 197.1 | 197.5 | 199.5 | 211.1 | | | |
| G8.0 | 210.6 | 208.9 | 202.6 | 199.1 | 199.1 | 202.3 | 212.9 | | | |
| G9.0 | 214.4 | 211.8 | 204.5 | 201.4 | 200.4 | 205.3 | 215.1 | | | |
| G10.0 | 218.8 | 215.8 | 207.8 | 203.7 | 203.1 | 208.1 | 217.5 | | | |
| G11.0 | 222.3 | 219.6 | 212.1 | 206.1 | 205.8 | 211.0 | 221.0 | | | |
| G12.0 | 224.6 | 222.3 | 214.3 | 208.8 | 208.7 | 214.3 | 224.0 | | | |
| G13.0 | 227.8 | 225.3 | 218.7 | 212.1 | 211.6 | 218.0 | 227.2 | | | |
| G14.0 | 232.1 | 229.4 | 222.1 | 215.3 | 215.2 | 222.3 | 230.2 | | | |
| G15.0 | 238.0 | 234.7 | 225.6 | 217.9 | 218.3 | 226.6 | 234.3 | | | |
| G16.0 | 243.2 | 240.7 | 229.7 | 221.2 | 222.7 | 231.0 | 238.9 | | | |
| G17.0 | 248.8 | 246.2 | 235.9 | 225.9 | 227.4 | 234.5 | 243.3 | | | |
| G18.0 | 254.2 | 251.5 | 240.8 | 230.3 | 232.3 | 238.5 | 247.9 | | | |
| G19.0 | 259.5 | 256.5 | 245.8 | 234.3 | 236.5 | 242.6 | 252.2 | | | |
| G20.0 | 264.3 | 261.8 | 250.7 | 238.6 | 241.1 | 246.6 | 257.2 | | | |
| G21.0 | 269.7 | 267.1 | 255.0 | 242.9 | 245.7 | 249.7 | 262.3 | | | |
| G22.0 | 276.0 | 272.0 | 259.6 | 247.1 | 251.2 | 254.6 | 266.9 | | | |
| G23.0 | 281.7 | 277.1 | 264.3 | 251.3 | 256.6 | 259.6 | 272.1 | | | |
| G24.0 | 287.2 | 281.1 | 269.3 | 255.0 | 261.3 | 263.8 | 277.9 | | | |
| G25.0 | 293.1 | 284.9 | 274.1 | 259.4 | 265.8 | 267.1 | 282.9 | | | |
| G26.0 | 298.8 | 288.8 | 279.0 | 263.7 | 270.3 | 270.6 | 287.7 | | | |
| G27.0 | 304.9 | 293.4 | 282.9 | 268.4 | 274.3 | 274.5 | 292.1 | | | |
| G28.0 | 310.1 | 297.3 | 287.5 | 273.1 | 278.1 | 278.6 | 296.5 | | | |
| G29.0 | 316.2 | 301.8 | 291.4 | 277.6 | 282.1 | 283.2 | 301.7 | | | |
| G30.0 | 321.9 | 305.9 | 295.5 | 282.3 | 285.7 | 287.4 | 306.4 | | | |
| G31.0 | 327.3 | 309.8 | 298.7 | 286.9 | 289.5 | 292.5 | 310.5 | | | |
| G32.0 | 333.3 | 314.1 | 302.2 | 291.3 | 293.2 | 297.5 | 315.2 | | | |
| G33.0 | 338.5 | 318.2 | 305.9 | 295.9 | 296.6 | 301.9 | 319.1 | | | |
| G34.0 | 344.5 | 321.9 | 309.4 | 300.2 | 299.8 | 307.0 | 323.9 | | | |
| G35.0 | 350.0 | 326.1 | 313.2 | 305.1 | 302.8 | 312.4 | 327.9 | | | |
| G36.0 | 355.7 | 330.3 | 316.9 | 310.1 | 306.2 | 318.1 | 332.9 | | | |

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 | 360.6 | 334.3 | 321.0 | 314.4 | 309.8 | 324.3 | 338.3 | | | |
| G38.0 | 365.9 | 337.7 | 325.7 | 320.1 | 313.6 | 329.0 | 343.6 | | | |
| G39.0 | 371.2 | 341.2 | 330.7 | 325.9 | 318.0 | 333.8 | 348.7 | | | |
| G40.0 | 376.3 | 345.5 | 335.4 | 330.7 | 322.4 | 338.1 | 353.5 | | | |
| G41.0 | 381.5 | 349.5 | 339.8 | 335.7 | 327.1 | 342.4 | 358.2 | | | |
| G42.0 | 386.8 | 353.5 | 343.5 | 339.9 | 331.8 | 347.3 | 362.6 | | | |
| G43.0 | 391.6 | 357.5 | 347.9 | 344.3 | 336.6 | 352.3 | 367.3 | | | |
| G44.0 | 396.3 | 361.3 | 352.2 | 347.9 | 341.1 | 357.1 | 371.5 | | | |
| G45.0 | 401.0 | 364.8 | 356.2 | 352.1 | 345.4 | 362.1 | 375.7 | | | |
| G46.0 | 405.8 | 368.6 | 358.7 | 355.6 | 349.6 | 365.5 | 380.7 | | | |
| G47.0 | 410.4 | 371.5 | 360.9 | 359.0 | 353.1 | 367.7 | 385.9 | | | |
| G48.0 | 413.7 | 373.7 | 363.3 | 362.6 | 356.6 | 370.0 | 390.3 | | | |
| G49.0 | 417.0 | 375.5 | 365.4 | 365.9 | 359.9 | 372.9 | 395.2 | | | |
| G50.0 | 419.8 | 376.3 | 366.5 | 369.5 | 362.3 | 375.4 | 399.3 | | | |
| G51.0 | 422.9 | 377.2 | 367.4 | 372.4 | 364.3 | 376.8 | 402.8 | | | |
| G52.0 | 425.1 | 378.7 | 368.4 | 375.2 | 367.1 | 376.6 | 404.9 | | | |
| G53.0 | 426.6 | 379.1 | 369.8 | 377.3 | 368.8 | 376.0 | 406.5 | | | |
| G54.0 | 427.9 | 378.3 | 371.4 | 378.4 | 369.9 | 374.2 | 407.0 | | | |
| G55.0 | 427.9 | 376.9 | 372.3 | 379.5 | 369.2 | 372.9 | 408.0 | | | |
| G56.0 | 428.5 | 376.5 | 371.5 | 379.1 | 367.5 | 371.6 | 406.8 | | | |
| G57.0 | 429.0 | 377.2 | 370.8 | 378.8 | 366.6 | 369.6 | 406.3 | | | |
| G58.0 | 429.7 | 377.8 | 371.4 | 378.1 | 365.9 | 369.3 | 405.2 | | | |
| G59.0 | 430.3 | 378.0 | 370.8 | 378.8 | 365.9 | 369.7 | 406.4 | | | |
| G60.0 | 431.4 | 379.4 | 372.1 | 380.3 | 366.2 | 368.4 | 408.4 | | | |
| G61.0 | 432.4 | 378.7 | 373.0 | 381.0 | 366.0 | 366.4 | 409.8 | | | |
| G62.0 | 432.9 | 377.8 | 370.9 | 381.5 | 365.4 | 366.6 | 410.7 | | | |
| G63.0 | 434.3 | 377.4 | 370.0 | 381.8 | 364.9 | 364.5 | 411.7 | | | |
| G64.0 | 433.6 | 375.8 | 368.1 | 383.5 | 365.4 | 363.9 | 413.3 | | | |
| G65.0 | 432.2 | 375.0 | 368.1 | 383.2 | 365.8 | 363.3 | 414.6 | | | |
| G66.0 | 430.9 | 373.8 | 366.4 | 383.1 | 365.3 | 362.3 | 415.1 | | | |
| G67.0 | 426.9 | 373.9 | 364.2 | 381.7 | 363.0 | 360.1 | 414.3 | | | |
| G68.0 | 424.4 | 370.0 | 361.9 | 381.8 | 360.7 | 359.0 | 413.8 | | | |
| G69.0 | 421.8 | 367.1 | 360.5 | 381.8 | 358.2 | 358.7 | 413.9 | | | |
| G70.0 | 418.9 | 366.4 | 357.9 | 381.1 | 357.5 | 358.0 | 413.2 | | | |
| G71.0 | 416.1 | 364.9 | 356.7 | 379.1 | 358.4 | 355.8 | 411.1 | | | |
| G72.0 | 414.4 | 361.4 | 355.4 | 375.2 | 357.5 | 350.3 | 405.0 | | | |
| G73.0 | 413.6 | 360.2 | 355.3 | 371.4 | 353.5 | 347.4 | 400.4 | | | |

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:

Candlepower Table (Continue 7)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G74.0 | 413.7 | 361.7 | 355.0 | 370.9 | 350.2 | 348.2 | 401.2 | | | |
| G75.0 | 412.6 | 359.2 | 353.2 | 370.4 | 351.4 | 345.6 | 401.4 | | | |
| G76.0 | 412.0 | 357.4 | 350.6 | 371.2 | 349.2 | 345.2 | 401.6 | | | |
| G77.0 | 410.5 | 354.9 | 348.6 | 371.1 | 347.9 | 340.8 | 399.4 | | | |
| G78.0 | 408.5 | 353.3 | 347.0 | 368.4 | 346.7 | 340.6 | 397.8 | | | |
| G79.0 | 409.2 | 352.4 | 346.3 | 366.4 | 345.2 | 339.6 | 397.5 | | | |
| G80.0 | 408.0 | 352.9 | 345.6 | 366.3 | 343.8 | 339.0 | 395.7 | | | |
| G81.0 | 408.6 | 354.9 | 345.3 | 366.6 | 342.5 | 339.9 | 395.7 | | | |
| G82.0 | 408.9 | 355.2 | 345.7 | 368.1 | 343.2 | 341.0 | 398.4 | | | |
| G83.0 | 408.6 | 353.4 | 345.2 | 369.0 | 343.2 | 340.4 | 400.0 | | | |
| G84.0 | 406.9 | 352.8 | 345.2 | 368.3 | 342.7 | 339.5 | 398.1 | | | |
| G85.0 | 405.7 | 351.8 | 343.9 | 367.7 | 341.8 | 339.1 | 397.0 | | | |
| G86.0 | 404.0 | 351.1 | 343.5 | 367.0 | 340.6 | 338.9 | 397.8 | | | |
| G87.0 | 402.6 | 350.2 | 343.0 | 366.6 | 339.6 | 337.8 | 397.3 | | | |
| G88.0 | 401.3 | 350.1 | 341.6 | 365.6 | 339.0 | 337.9 | 396.3 | | | |
| G89.0 | 400.9 | 350.0 | 340.9 | 364.8 | 338.2 | 337.8 | 395.9 | | | |
| G90.0 | 399.7 | 349.6 | 340.9 | 364.5 | 337.3 | 338.0 | 395.5 | | | |
| G91.0 | 399.1 | 349.4 | 340.4 | 364.1 | 336.9 | 338.6 | 395.9 | | | |
| G92.0 | 397.9 | 349.2 | 340.1 | 363.8 | 336.3 | 338.5 | 395.8 | | | |
| G93.0 | 397.1 | 348.8 | 339.5 | 363.5 | 336.1 | 338.2 | 395.8 | | | |
| G94.0 | 395.8 | 348.3 | 339.0 | 363.2 | 335.7 | 338.0 | 395.3 | | | |
| G95.0 | 394.6 | 347.7 | 338.6 | 363.0 | 335.0 | 337.7 | 395.0 | | | |
| G96.0 | 393.4 | 347.0 | 337.9 | 362.6 | 334.1 | 337.4 | 394.5 | | | |
| G97.0 | 392.6 | 346.5 | 337.4 | 361.9 | 333.6 | 336.9 | 394.0 | | | |
| G98.0 | 390.6 | 346.0 | 336.7 | 361.2 | 333.1 | 336.4 | 393.6 | | | |
| G99.0 | 389.2 | 345.1 | 335.8 | 359.9 | 331.9 | 335.8 | 392.8 | | | |
| G100.0 | 387.0 | 344.1 | 334.7 | 358.4 | 331.1 | 334.7 | 391.7 | | | |
| G101.0 | 384.8 | 343.0 | 333.6 | 356.9 | 329.9 | 333.5 | 391.3 | | | |
| G102.0 | 382.8 | 342.1 | 332.6 | 355.6 | 328.4 | 332.1 | 390.8 | | | |
| G103.0 | 380.9 | 340.3 | 331.0 | 354.0 | 327.2 | 330.5 | 389.4 | | | |
| G104.0 | 378.2 | 338.5 | 329.4 | 352.0 | 325.9 | 329.0 | 388.1 | | | |
| G105.0 | 375.4 | 336.5 | 327.7 | 350.0 | 324.3 | 327.1 | 387.0 | | | |
| G106.0 | 372.8 | 334.5 | 325.7 | 348.2 | 322.8 | 324.9 | 384.9 | | | |
| G107.0 | 370.3 | 332.8 | 323.9 | 346.0 | 321.2 | 322.6 | 383.1 | | | |
| G108.0 | 367.2 | 330.6 | 321.8 | 343.9 | 319.6 | 320.1 | 380.9 | | | |
| G109.0 | 364.0 | 328.5 | 319.7 | 341.6 | 317.7 | 317.9 | 378.4 | | | |
| G110.0 | 360.6 | 326.1 | 317.4 | 338.8 | 315.6 | 316.0 | 375.4 | | | |

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:

Candlepower Table (Continue 8)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G111.0 | 357.3 | 323.4 | 315.1 | 335.7 | 312.9 | 313.2 | 372.6 | | | |
| G112.0 | 353.7 | 321.0 | 312.5 | 333.2 | 310.6 | 309.9 | 369.6 | | | |
| G113.0 | 350.3 | 318.4 | 309.8 | 330.3 | 308.6 | 306.9 | 366.5 | | | |
| G114.0 | 346.3 | 315.5 | 307.3 | 327.0 | 306.1 | 303.9 | 363.2 | | | |
| G115.0 | 342.5 | 312.7 | 304.4 | 323.8 | 303.2 | 300.9 | 359.4 | | | |
| G116.0 | 338.9 | 309.5 | 301.4 | 320.8 | 300.4 | 297.6 | 355.6 | | | |
| G117.0 | 334.8 | 306.7 | 298.6 | 317.2 | 297.1 | 294.0 | 351.7 | | | |
| G118.0 | 330.3 | 303.2 | 295.5 | 313.9 | 294.1 | 290.5 | 347.4 | | | |
| G119.0 | 325.6 | 299.7 | 292.2 | 310.1 | 291.1 | 286.9 | 343.0 | | | |
| G120.0 | 321.4 | 296.0 | 288.8 | 306.4 | 287.5 | 283.5 | 338.0 | | | |
| G121.0 | 316.7 | 292.5 | 285.4 | 302.6 | 284.3 | 279.7 | 333.5 | | | |
| G122.0 | 311.7 | 288.5 | 282.3 | 298.5 | 280.8 | 276.0 | 328.4 | | | |
| G123.0 | 306.6 | 284.5 | 278.6 | 294.2 | 277.3 | 272.1 | 323.5 | | | |
| G124.0 | 301.7 | 280.6 | 274.6 | 289.7 | 273.6 | 268.4 | 318.0 | | | |
| G125.0 | 296.9 | 276.5 | 270.7 | 285.4 | 269.6 | 264.3 | 312.6 | | | |
| G126.0 | 291.7 | 272.2 | 266.6 | 280.4 | 265.8 | 260.0 | 306.7 | | | |
| G127.0 | 286.2 | 268.1 | 262.6 | 276.0 | 261.9 | 256.3 | 301.2 | | | |
| G128.0 | 280.9 | 263.6 | 258.1 | 270.9 | 257.5 | 252.3 | 294.8 | | | |
| G129.0 | 275.4 | 259.1 | 253.4 | 265.9 | 253.1 | 247.8 | 288.8 | | | |
| G130.0 | 269.5 | 254.4 | 248.6 | 261.0 | 248.6 | 243.7 | 282.2 | | | |
| G131.0 | 264.2 | 249.7 | 243.9 | 255.8 | 244.0 | 239.2 | 276.0 | | | |
| G132.0 | 257.7 | 244.1 | 238.9 | 250.3 | 238.9 | 234.5 | 269.8 | | | |
| G133.0 | 251.8 | 238.9 | 234.2 | 244.7 | 234.2 | 229.7 | 263.6 | | | |
| G134.0 | 245.7 | 233.7 | 228.9 | 238.9 | 229.2 | 225.2 | 256.6 | | | |
| G135.0 | 239.1 | 227.7 | 223.5 | 233.2 | 224.0 | 220.2 | 249.7 | | | |
| G136.0 | 232.6 | 221.9 | 218.0 | 227.2 | 218.8 | 215.2 | 242.3 | | | |
| G137.0 | 225.8 | 215.6 | 212.6 | 221.5 | 213.4 | 209.9 | 235.3 | | | |
| G138.0 | 218.9 | 209.5 | 207.1 | 215.7 | 207.8 | 204.9 | 228.4 | | | |
| G139.0 | 211.8 | 203.0 | 201.5 | 209.2 | 201.8 | 199.1 | 221.4 | | | |
| G140.0 | 205.0 | 196.4 | 195.8 | 203.1 | 196.1 | 193.3 | 214.3 | | | |
| G141.0 | 197.6 | 189.7 | 189.3 | 196.3 | 190.1 | 187.5 | 207.7 | | | |
| G142.0 | 190.6 | 183.0 | 183.0 | 189.7 | 184.2 | 181.3 | 200.4 | | | |
| G143.0 | 183.6 | 176.6 | 176.4 | 183.0 | 178.2 | 174.9 | 193.4 | | | |
| G144.0 | 176.9 | 169.8 | 169.7 | 176.6 | 172.1 | 168.4 | 186.5 | | | |
| G145.0 | 169.6 | 162.4 | 162.7 | 169.8 | 166.3 | 161.7 | 179.5 | | | |
| G146.0 | 161.9 | 155.3 | 155.5 | 163.4 | 159.9 | 155.4 | 172.0 | | | |
| G147.0 | 154.4 | 148.1 | 148.6 | 156.2 | 153.8 | 149.1 | 164.7 | | | |

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 | 147.0 | 140.8 | 141.8 | 148.6 | 147.6 | 142.7 | 157.0 | | | |
| G149.0 | 139.9 | 133.8 | 135.4 | 140.6 | 141.1 | 136.5 | 149.6 | | | |
| G150.0 | 133.0 | 126.9 | 128.7 | 132.6 | 134.9 | 130.5 | 142.6 | | | |
| G151.0 | 126.1 | 119.7 | 122.7 | 125.4 | 128.5 | 124.3 | 135.4 | | | |
| G152.0 | 118.9 | 112.9 | 116.4 | 118.3 | 121.4 | 118.4 | 128.7 | | | |
| G153.0 | 112.0 | 105.8 | 110.6 | 111.4 | 114.8 | 112.5 | 121.6 | | | |
| G154.0 | 105.5 | 98.7 | 104.4 | 104.9 | 108.1 | 106.5 | 114.8 | | | |
| G155.0 | 98.7 | 92.4 | 97.8 | 98.3 | 101.5 | 100.5 | 108.0 | | | |
| G156.0 | 92.3 | 85.8 | 91.2 | 92.3 | 95.3 | 94.4 | 101.8 | | | |
| G157.0 | 85.6 | 79.6 | 84.2 | 86.4 | 89.2 | 87.9 | 95.4 | | | |
| G158.0 | 78.6 | 72.7 | 76.8 | 80.4 | 83.3 | 80.9 | 89.2 | | | |
| G159.0 | 71.2 | 65.4 | 69.8 | 74.5 | 77.4 | 74.2 | 83.1 | | | |
| G160.0 | 63.8 | 58.3 | 63.2 | 68.8 | 71.7 | 68.1 | 76.4 | | | |
| G161.0 | 56.5 | 49.8 | 57.8 | 62.0 | 64.6 | 62.3 | 69.5 | | | |
| G162.0 | 49.5 | 43.3 | 53.1 | 55.4 | 53.0 | 57.6 | 63.1 | | | |
| G163.0 | 42.3 | 35.1 | 48.1 | 49.0 | 42.4 | 52.9 | 57.5 | | | |
| G164.0 | 26.9 | 25.6 | 42.6 | 43.7 | 34.9 | 48.0 | 52.1 | | | |
| G165.0 | 22.1 | 16.3 | 36.4 | 39.5 | 34.3 | 42.5 | 47.0 | | | |
| G166.0 | 24.7 | 12.6 | 30.8 | 35.0 | 33.3 | 36.9 | 41.5 | | | |
| G167.0 | 20.2 | 10.9 | 26.5 | 30.5 | 33.6 | 32.5 | 36.0 | | | |
| G168.0 | 17.3 | 9.7 | 22.8 | 26.8 | 25.2 | 27.7 | 30.5 | | | |
| G169.0 | 17.0 | 8.4 | 18.4 | 23.4 | 21.1 | 18.8 | 26.3 | | | |
| G170.0 | 12.5 | 6.3 | 14.5 | 20.1 | 19.3 | 14.5 | 22.5 | | | |
| G171.0 | 9.9 | 4.6 | 11.4 | 15.2 | 16.2 | 14.1 | 17.9 | | | |
| G172.0 | 6.1 | 3.2 | 7.2 | 9.5 | 14.4 | 7.0 | 12.8 | | | |
| G173.0 | 2.9 | 2.6 | 3.1 | 5.6 | 7.2 | 3.0 | 8.1 | | | |
| G174.0 | 2.7 | 2.5 | 2.6 | 2.7 | 2.8 | 2.5 | 3.7 | | | |
| G175.0 | 2.7 | 2.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.6 | | | |
| G176.0 | 2.7 | 2.5 | 2.6 | 2.5 | 2.5 | 2.6 | 2.7 | | | |
| G177.0 | 2.7 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.7 | | | |
| G178.0 | 2.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.6 | | | |
| G179.0 | 2.7 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.6 | | | |
| G180.0 | 2.7 | 2.5 | 2.6 | 2.5 | 2.5 | 2.5 | 2.6 | | | |
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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: