

Report No.:

Test Time: 2024/11/4 星期一 11:18

Luminaire Property

Luminaire Manufacturer:

Voltage: 120.8 V

Power: 19.11 W

Current: 0.159 A

Power Factor: 0.994

Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 2747.9 lm

Efficiency: 100%

Upward Ratio: 0%

Central Intensity: 1933.13 cd

Pos of Max. Intensity: H22.5 V12

Longitudinal Classification: Very Short

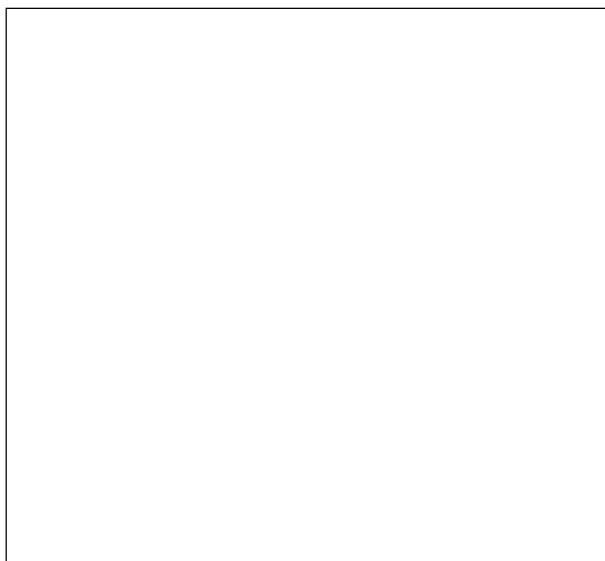
Measurement Flux: 2747.9 lm

Downward Ratio: 100%

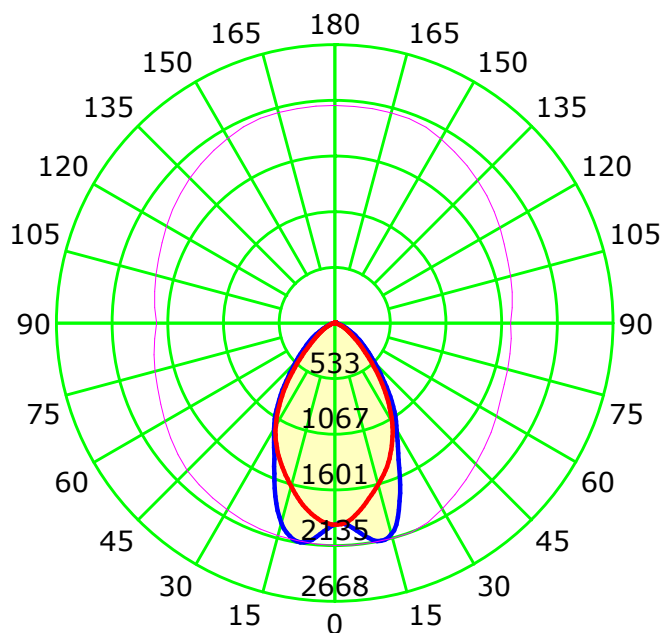
Luminaire Efficacy Rating (LER): 143.85

Max. Intensity: 2135.07 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 66.2°

— C0-C180 — C90-C270 — G12

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

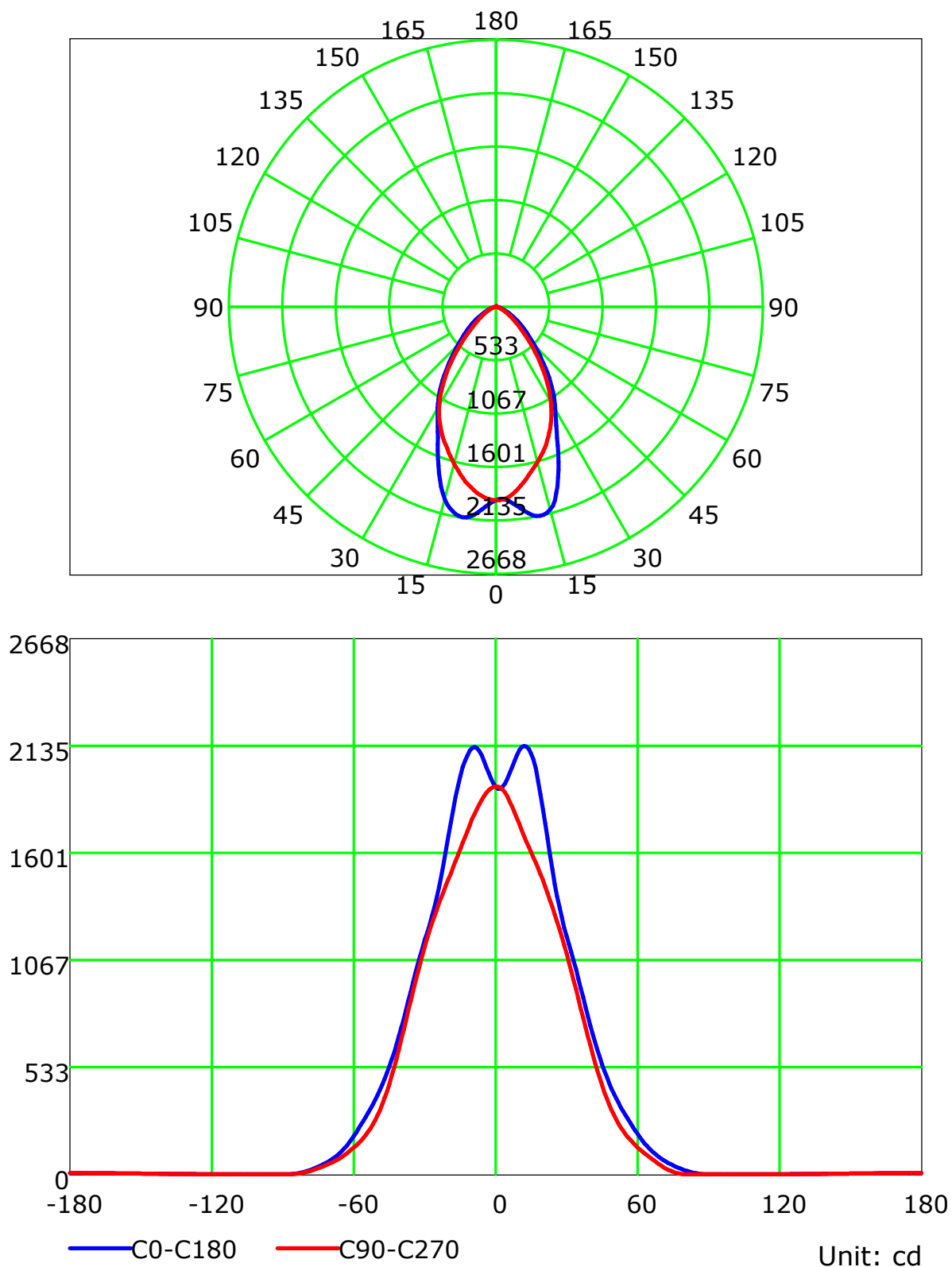
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

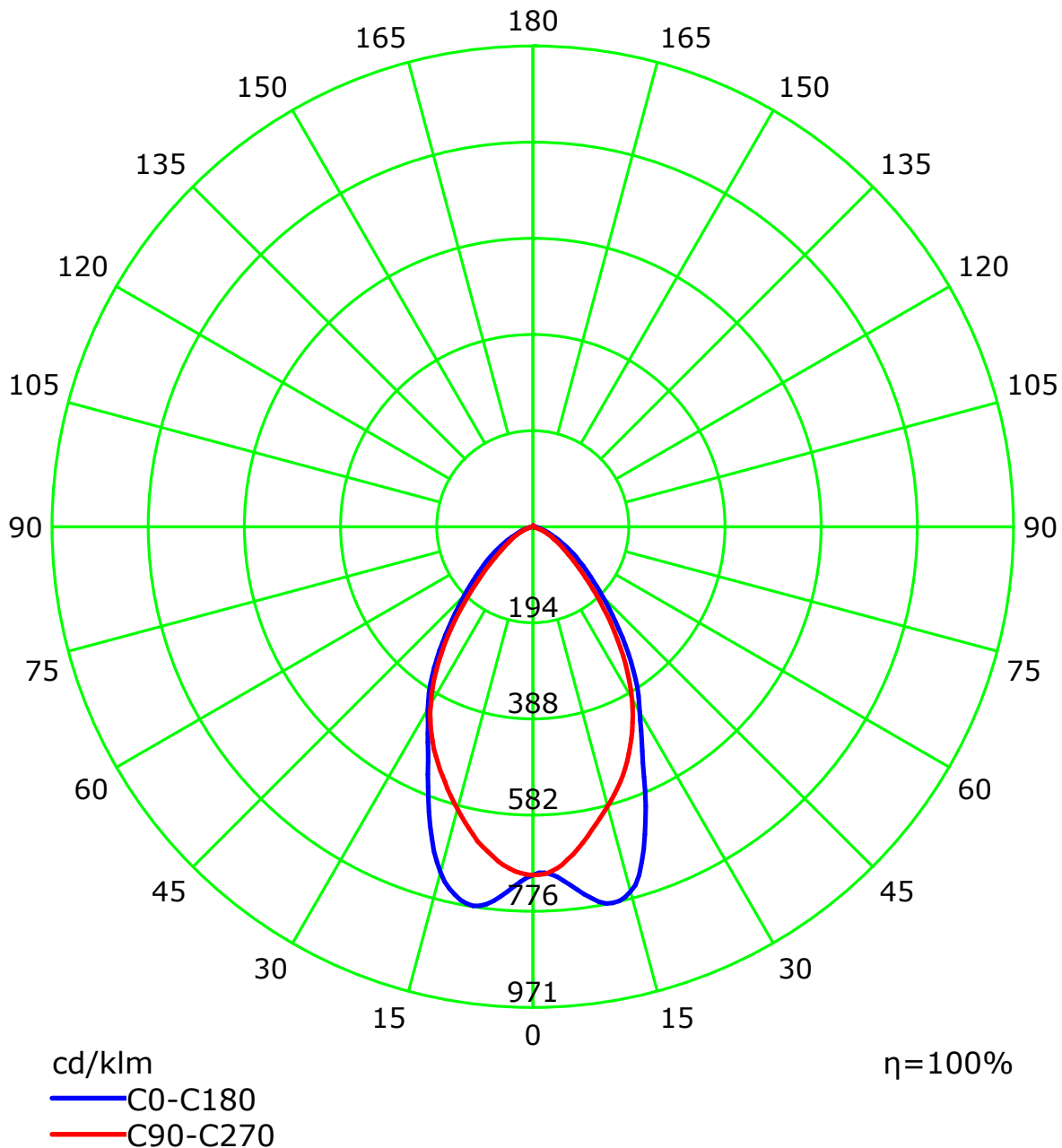
Luminous Intensity Distribution Curve



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:

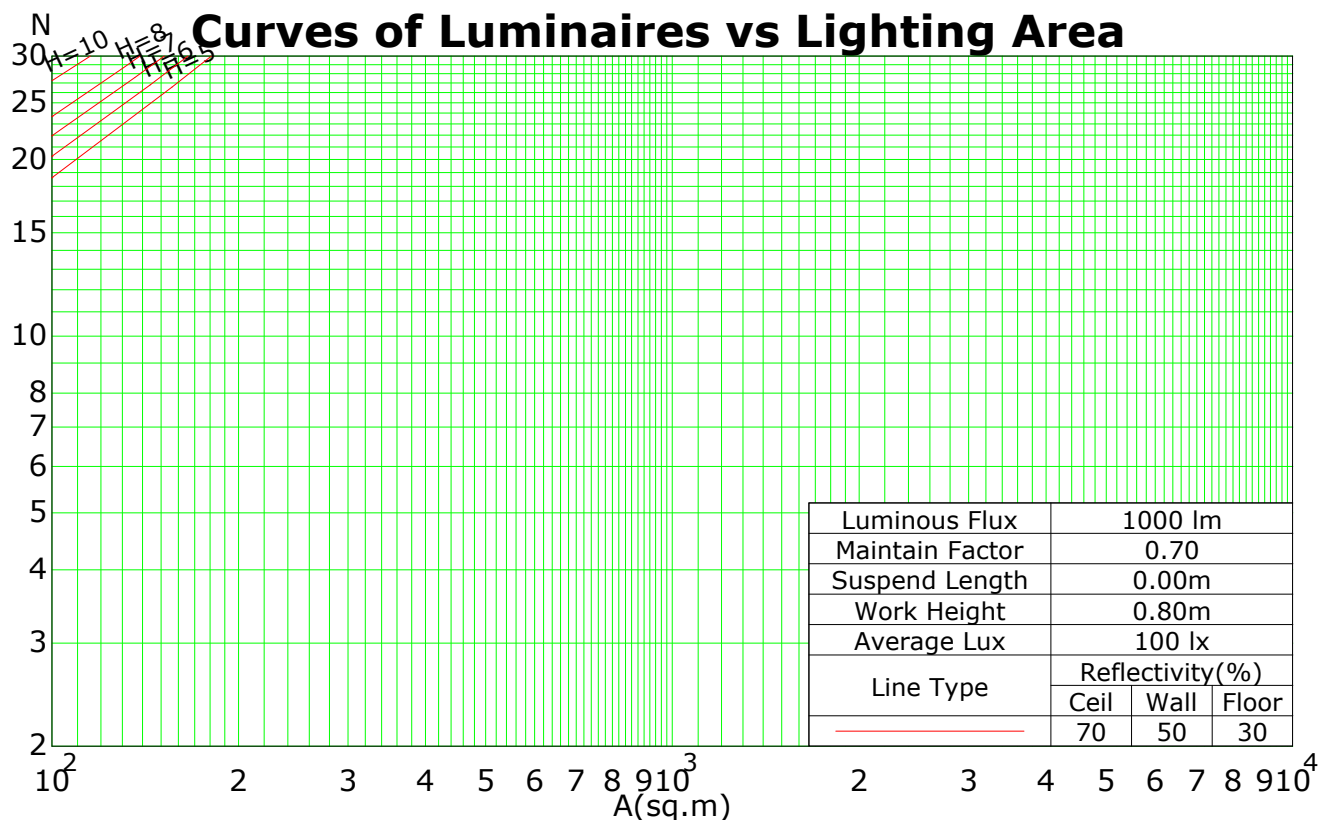
Coefficients Of Utilization - Zonal Cavity Method

| | | | | | | | | | | | | | | | | | | |
|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 112 | 108 | 105 | 103 | 109 | 106 | 103 | 101 | 102 | 100 | 98 | 98 | 96 | 95 | 95 | 93 | 92 | 90 |
| 2 | 105 | 98 | 93 | 89 | 102 | 97 | 92 | 88 | 93 | 89 | 86 | 90 | 87 | 84 | 87 | 85 | 82 | 80 |
| 3 | 98 | 90 | 83 | 79 | 95 | 88 | 82 | 78 | 85 | 81 | 77 | 83 | 79 | 75 | 80 | 77 | 74 | 72 |
| 4 | 91 | 82 | 75 | 70 | 89 | 81 | 74 | 69 | 78 | 73 | 69 | 76 | 71 | 68 | 74 | 70 | 67 | 65 |
| 5 | 85 | 75 | 68 | 63 | 84 | 74 | 67 | 62 | 72 | 66 | 62 | 70 | 65 | 61 | 69 | 64 | 61 | 59 |
| 6 | 80 | 69 | 62 | 57 | 78 | 68 | 62 | 57 | 67 | 61 | 56 | 65 | 60 | 56 | 64 | 59 | 55 | 54 |
| 7 | 75 | 64 | 57 | 52 | 74 | 63 | 57 | 52 | 62 | 56 | 51 | 61 | 55 | 51 | 59 | 54 | 51 | 49 |
| 8 | 71 | 60 | 52 | 48 | 69 | 59 | 52 | 47 | 58 | 52 | 47 | 57 | 51 | 47 | 55 | 50 | 47 | 45 |
| 9 | 67 | 55 | 49 | 44 | 66 | 55 | 48 | 44 | 54 | 48 | 44 | 53 | 47 | 43 | 52 | 47 | 43 | 42 |
| 10 | 63 | 52 | 45 | 41 | 62 | 51 | 45 | 41 | 50 | 45 | 40 | 50 | 44 | 40 | 49 | 44 | 40 | 39 |

Spacing Criteria (0-180): 0.99

Spacing Criteria (90-270): 0.94

Spacing Criteria (Diagonal): 1.04



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

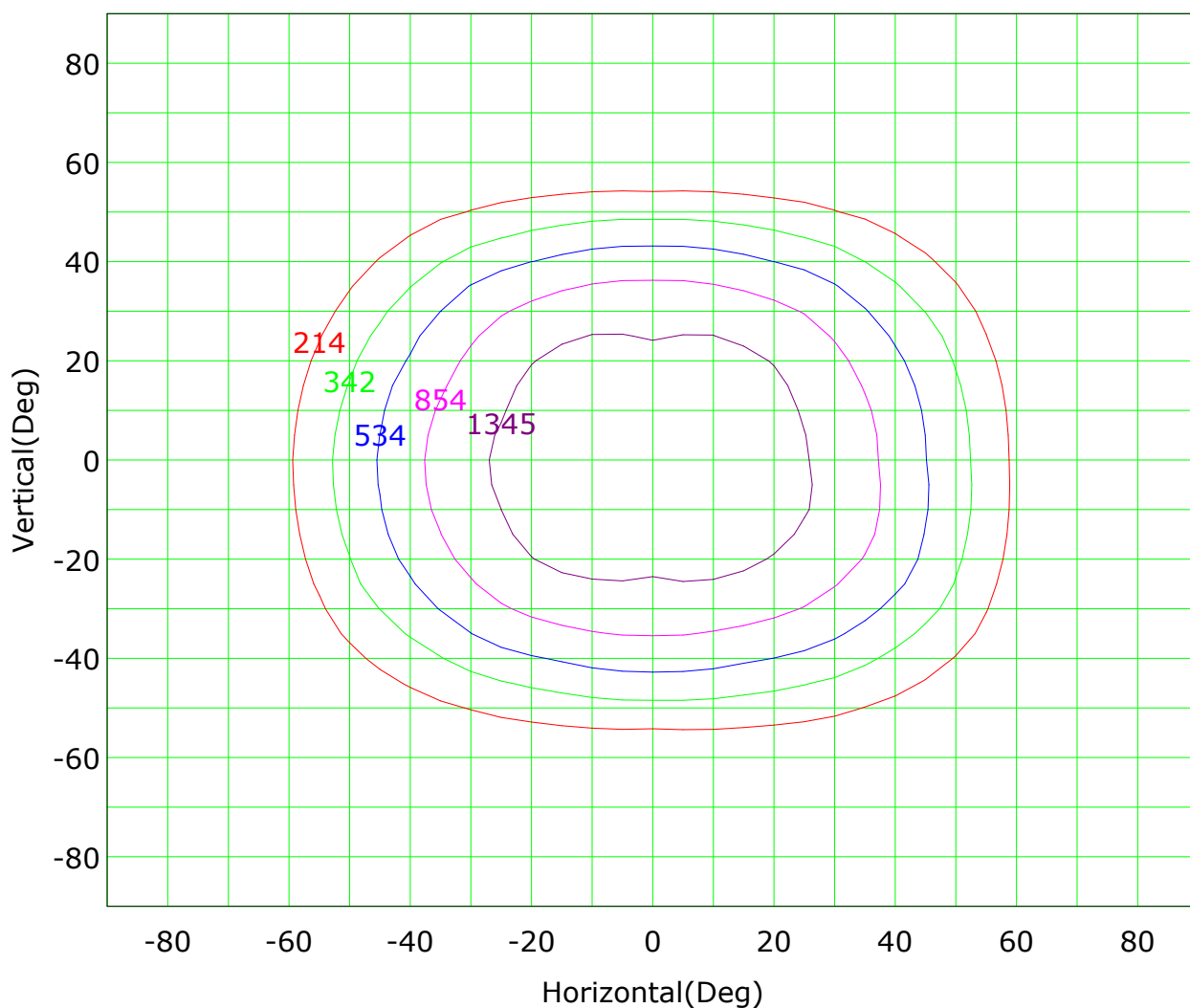
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 2135 cd

| | |
|-------------------|-------------------|
| — (10%): 214 cd | — (16%): 342 cd |
| — (25%): 534 cd | — (40%): 854 cd |
| — (63%): 1345 cd | — (100%): 2135 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

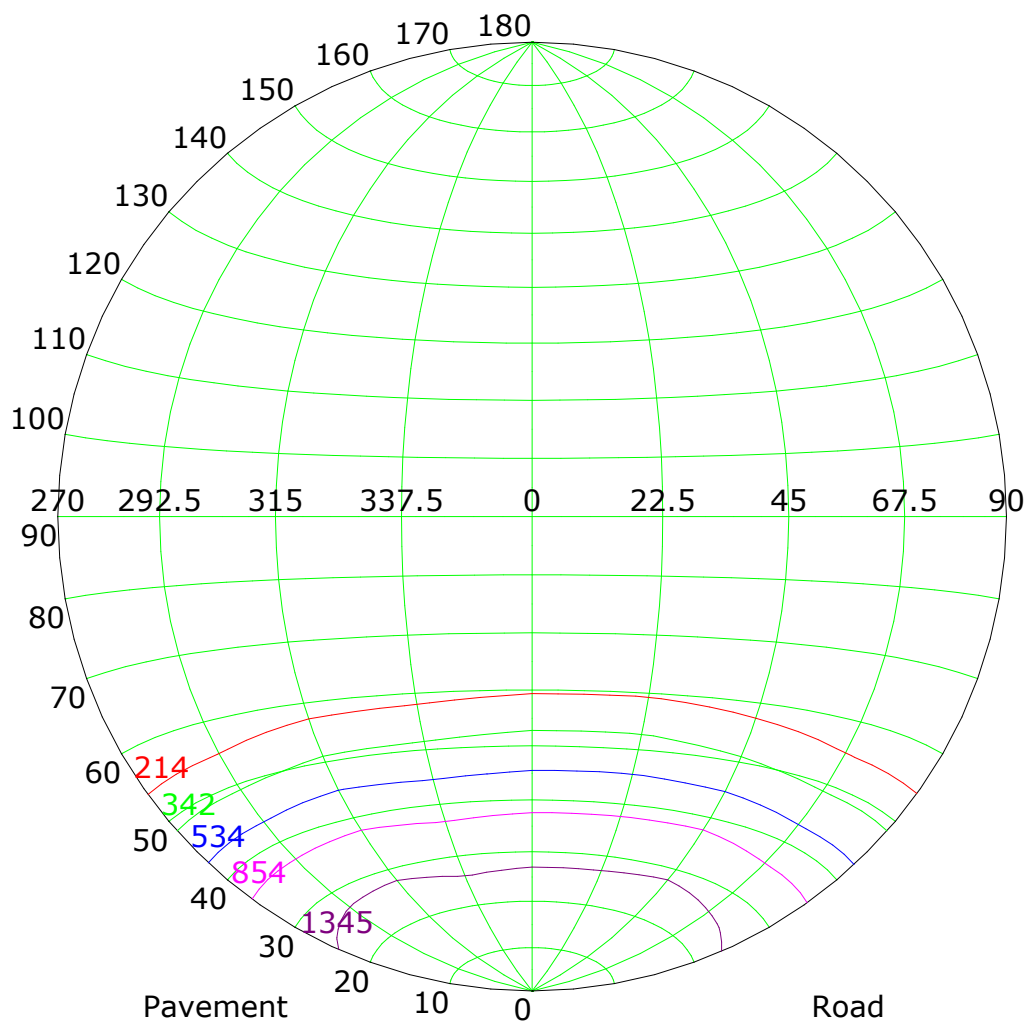
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 2135 cd

| | |
|-----------------|-----------------|
| (10%): 214 cd | (16%): 342 cd |
| (25%): 534 cd | (40%): 854 cd |
| (63%): 1345 cd | (100%): 2135 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

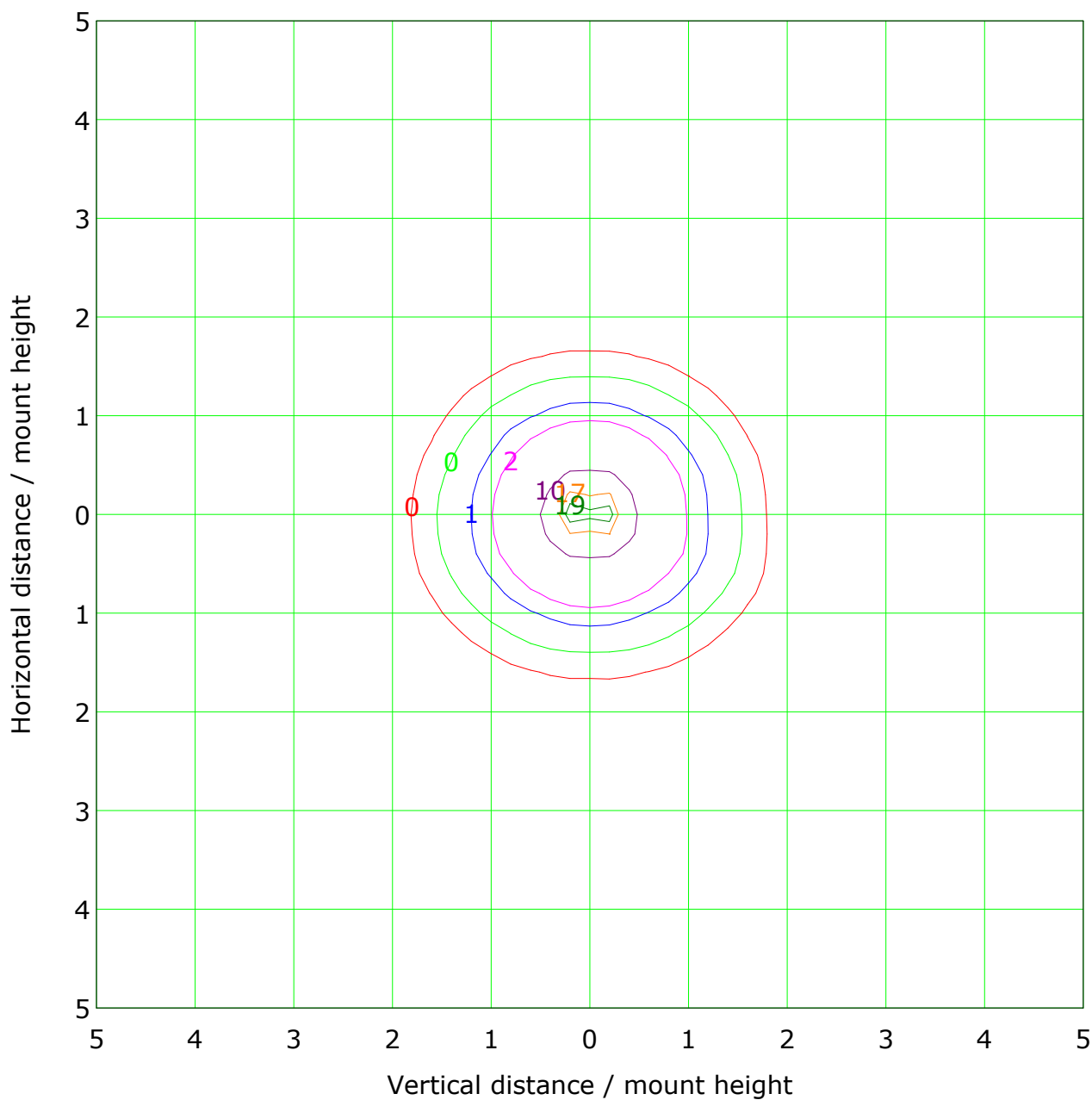
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

IsoLux Plot



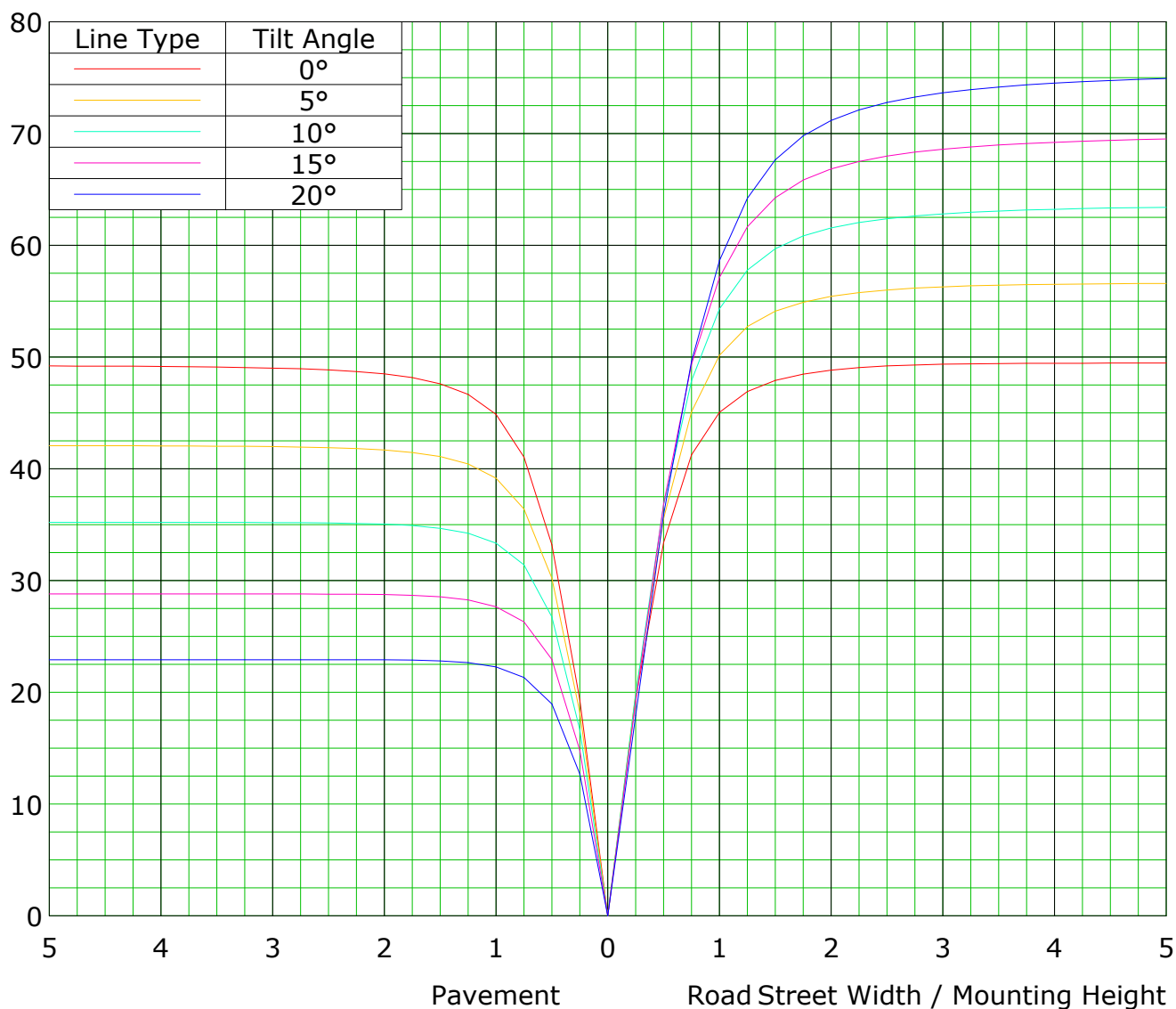
| | |
|--|-----------------|
| Mounting Height: 10.0m Max Lux(100%): 20.7 lx | |
| (1%): 0.2 lx | (2%): 0.4 lx |
| (5%): 1.0 lx | (10%): 2.1 lx |
| (50%): 10.3 lx | (80%): 16.6 lx |
| (90%): 18.6 lx | (100%): 20.7 lx |

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

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

Roadway CU Curve

Efficiency(%)



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

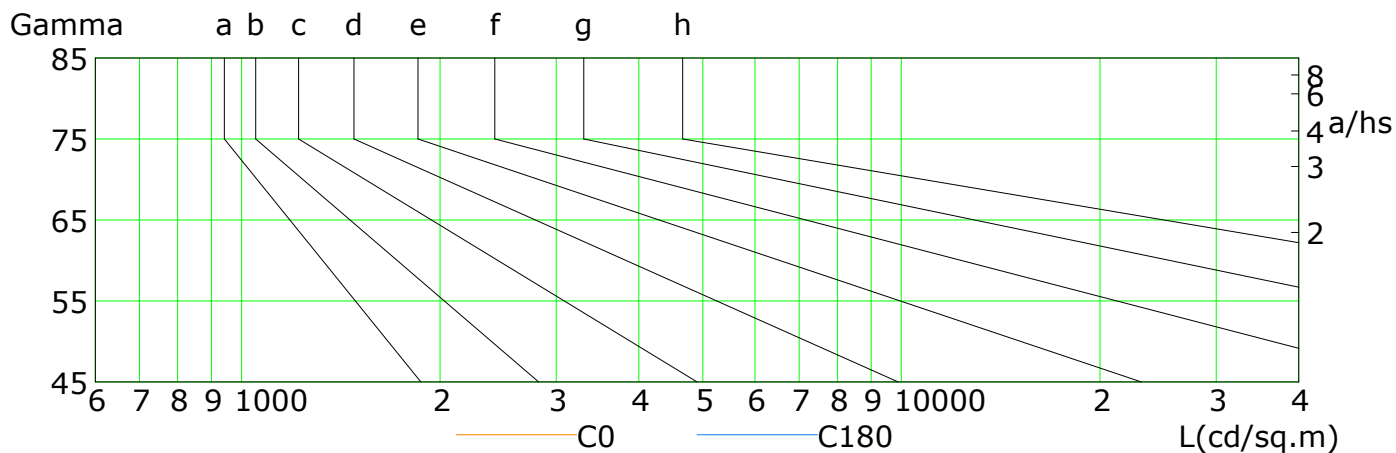
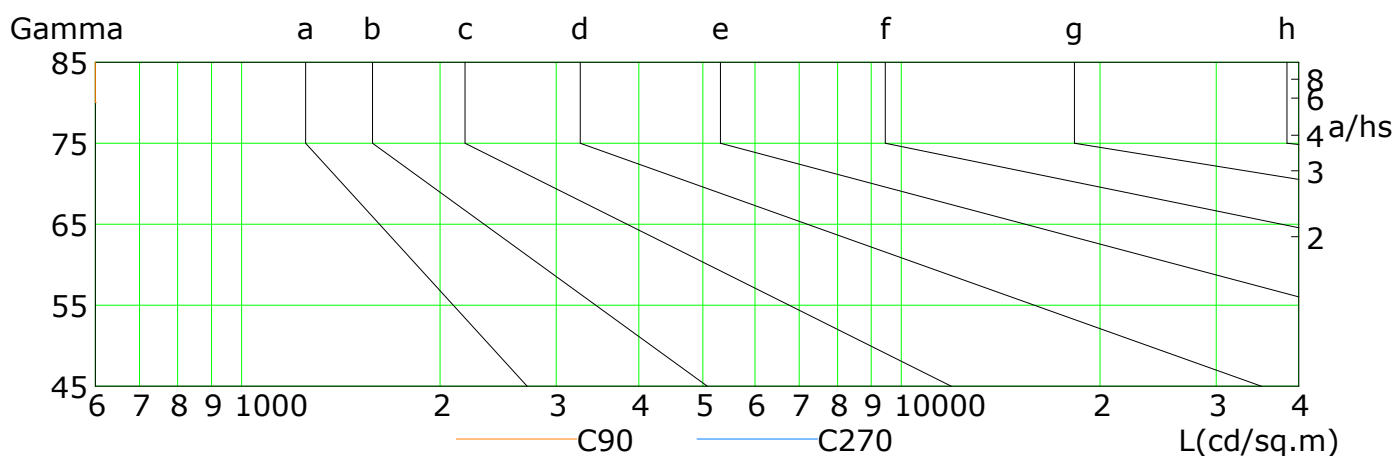
Humidity:

Inspector:

Lum Limit Curve

| Dazzle | Quality | Illuminance (lx) | | | | | | | |
|--------|---------|------------------|------|------|-------|-------|-------|-------|-------|
| 1.15 | A | 2000 | 1000 | 500 | <=300 | | | | |
| 1.50 | B | | 2000 | 1000 | 500 | <=300 | | | |
| 1.85 | C | | | 2000 | 1000 | 500 | <=300 | | |
| 2.20 | D | | | | 2000 | 1000 | 500 | <=300 | |
| 2.55 | E | | | | | 2000 | 1000 | 500 | <=300 |

a b c d e f g h

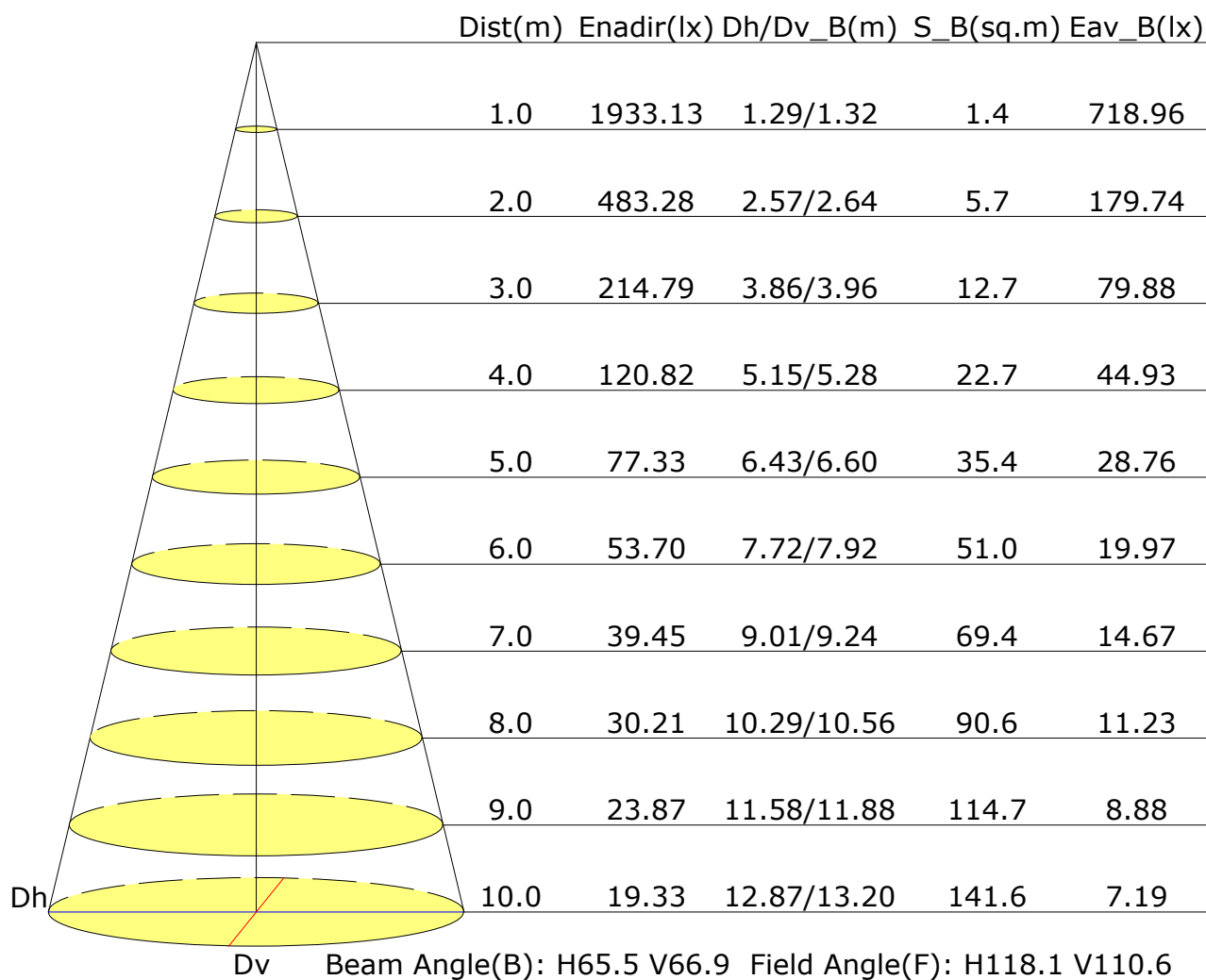


| L(cd/sq.m) | G45 | G50 | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| C0 | 548 | 402 | 294 | 202 | 129 | 78 | 44 | 20 | 5 |
| C90 | 445 | 296 | 199 | 134 | 87 | 43 | 13 | 0 | 0 |
| C180 | 539 | 394 | 286 | 190 | 118 | 69 | 38 | 15 | 3 |
| C270 | 450 | 294 | 196 | 133 | 86 | 55 | 31 | 12 | 2 |

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

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

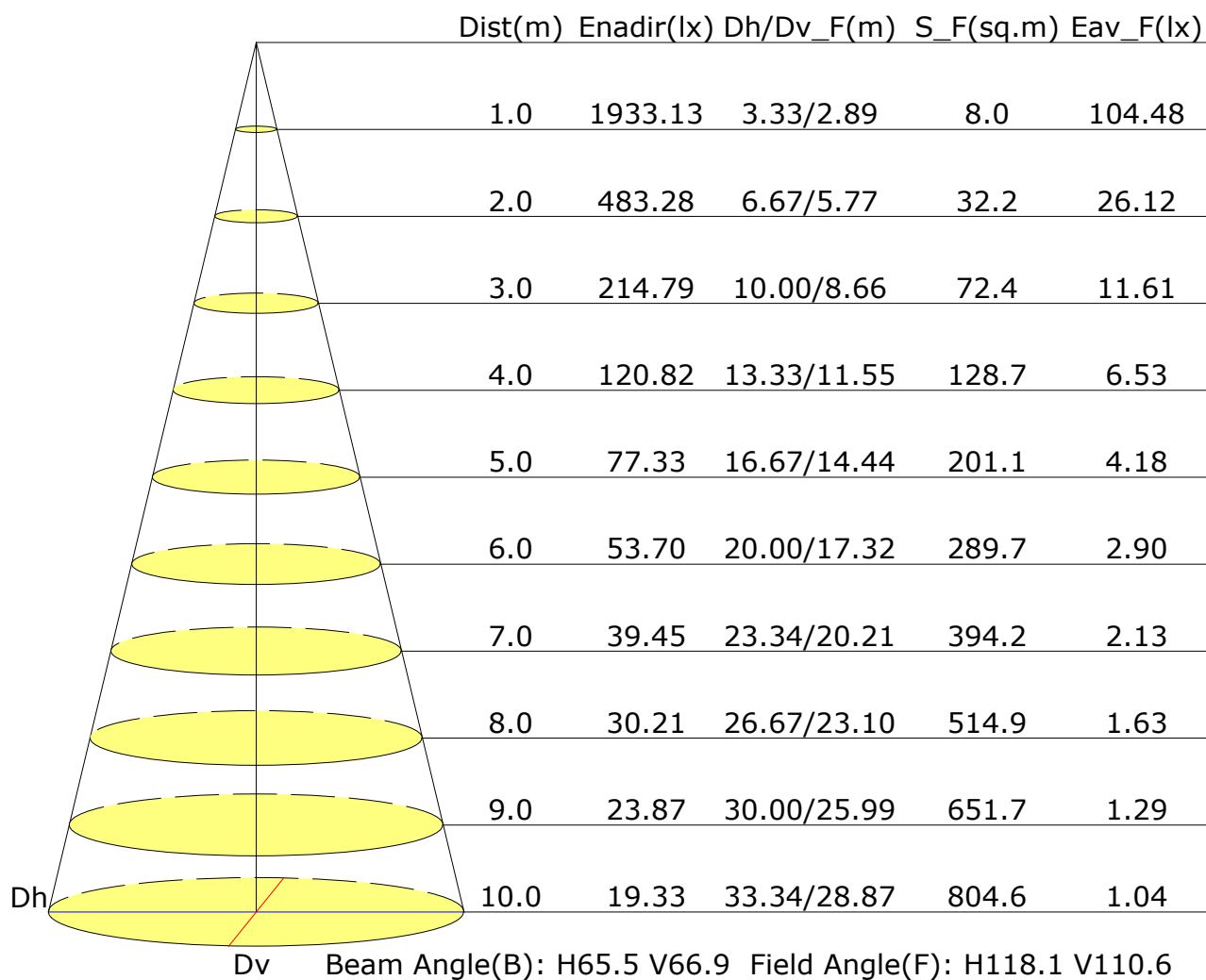
Illuminance at a Distance(Beam Angle)



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:

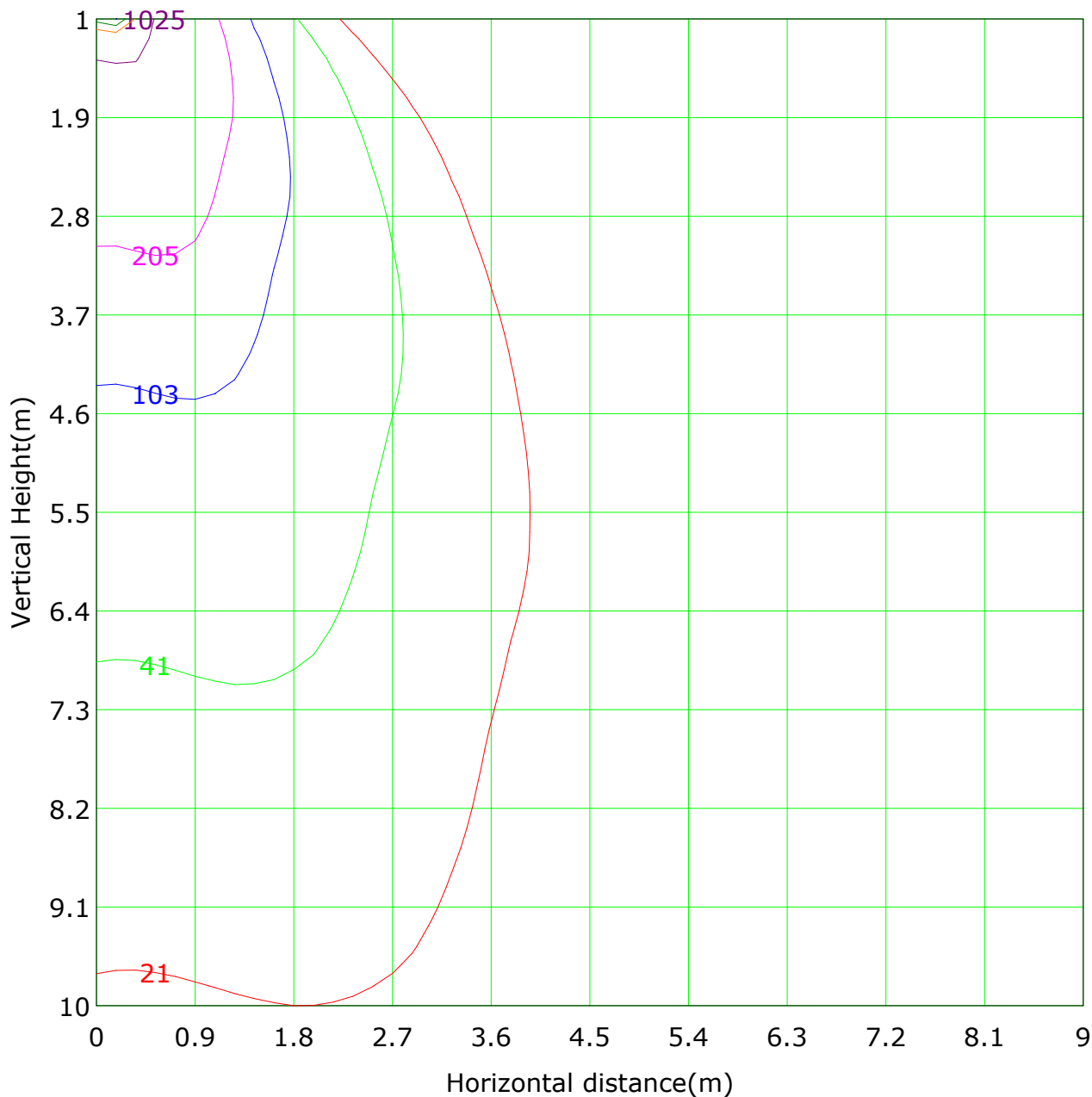
Illuminance at a Distance(Field Angle)



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): 10.0m Max Lux: 2050.9 lx

| | |
|-------------------|-------------------|
| (1%): 20.5 lx | (2%): 41.0 lx |
| (5%): 102.5 lx | (10%): 205.1 lx |
| (50%): 1025.5 lx | (80%): 1640.7 lx |
| (90%): 1845.8 lx | (100%): 2050.9 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

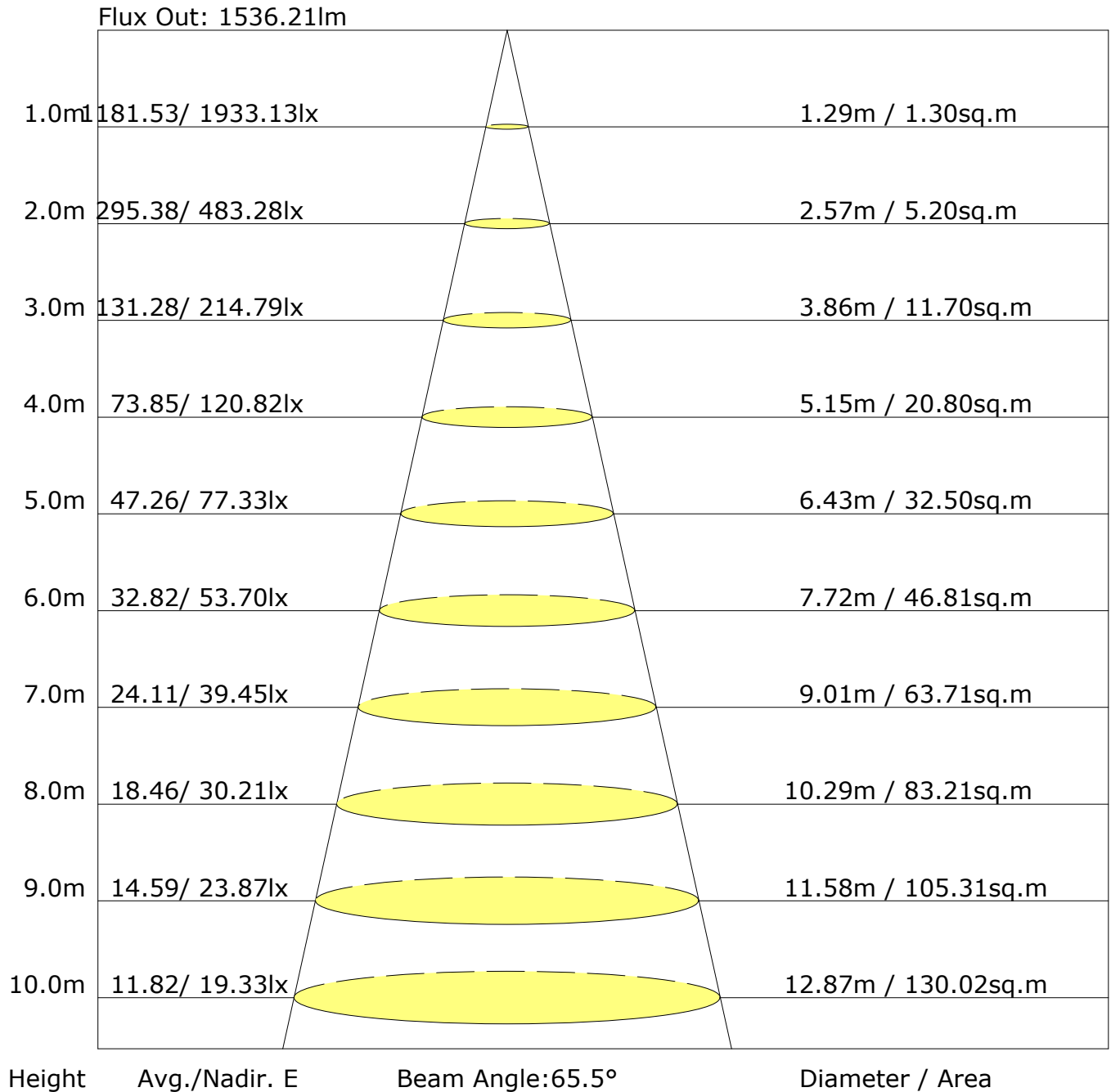
Unit: lm

| 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) |
|----------------|------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-----|-----|-------|---------|---------|
| -90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 0.0 | |
| -80 | 0.0 | 0.0 | 0.1 | 0.2 | 0.4 | 0.6 | 0.8 | 0.9 | 1.0 | 1.0 | 0.9 | 0.7 | 0.5 | 0.3 | 0.2 | 0.1 | 0.0 | 0.0 | 7.6 | 0.0 | |
| -70 | 0.0 | 0.0 | 0.2 | 0.6 | 1.1 | 1.7 | 2.2 | 2.6 | 2.8 | 2.8 | 2.6 | 2.2 | 1.7 | 1.1 | 0.5 | 0.2 | 0.0 | 0.0 | 22.5 | 0.0 | |
| -60 | 0.0 | 0.1 | 0.4 | 1.2 | 2.3 | 3.6 | 4.8 | 5.7 | 6.2 | 6.2 | 5.7 | 4.8 | 3.6 | 2.3 | 1.1 | 0.4 | 0.1 | 0.0 | 48.4 | 12.9 | |
| -50 | 0.0 | 0.2 | 0.7 | 1.9 | 3.9 | 6.6 | 9.5 | 12.1 | 13.9 | 13.8 | 12.1 | 9.4 | 6.5 | 3.8 | 1.8 | 0.7 | 0.2 | 0.0 | 97.1 | 84.0 | |
| -40 | 0.0 | 0.2 | 1.0 | 2.8 | 6.2 | 11.1 | 17.9 | 23.9 | 27.4 | 27.4 | 23.8 | 17.7 | 10.9 | 5.9 | 2.7 | 1.0 | 0.2 | 0.0 | 180.0 | 171.9 | |
| -30 | 0.0 | 0.3 | 1.2 | 3.8 | 8.5 | 16.4 | 27.3 | 36.9 | 40.6 | 40.8 | 37.0 | 26.9 | 16.0 | 8.1 | 3.7 | 1.3 | 0.3 | 0.0 | 269.2 | 263.0 | |
| -20 | 0.0 | 0.3 | 1.5 | 4.6 | 10.5 | 20.8 | 34.0 | 48.2 | 51.3 | 51.8 | 49.4 | 33.7 | 20.3 | 10.2 | 4.5 | 1.5 | 0.3 | 0.0 | 343.2 | 337.9 | |
| -10 | 0.0 | 0.3 | 1.6 | 5.0 | 11.7 | 23.4 | 37.8 | 56.0 | 59.9 | 59.8 | 58.0 | 38.9 | 23.5 | 11.7 | 5.1 | 1.7 | 0.4 | 0.0 | 394.9 | 390.1 | |
| 0 | 0.0 | 0.3 | 1.6 | 5.1 | 12.0 | 24.1 | 39.0 | 56.7 | 59.1 | 58.5 | 58.7 | 39.6 | 23.9 | 11.9 | 5.2 | 1.7 | 0.4 | 0.0 | 397.9 | 393.2 | |
| 10 | 0.0 | 0.3 | 1.6 | 4.9 | 11.5 | 22.8 | 35.4 | 48.3 | 50.7 | 49.9 | 48.6 | 34.8 | 21.2 | 10.7 | 4.8 | 1.6 | 0.4 | 0.0 | 347.6 | 342.6 | |
| 20 | 0.0 | 0.3 | 1.4 | 4.3 | 9.7 | 18.0 | 27.7 | 35.9 | 39.8 | 39.7 | 36.3 | 27.3 | 16.5 | 8.7 | 4.0 | 1.4 | 0.3 | 0.0 | 271.2 | 265.5 | |
| 30 | 0.0 | 0.3 | 1.1 | 3.4 | 6.9 | 11.9 | 18.0 | 23.0 | 26.2 | 26.2 | 22.9 | 17.3 | 11.0 | 6.3 | 3.0 | 1.1 | 0.3 | 0.0 | 179.0 | 171.7 | |
| 40 | 0.0 | 0.2 | 0.9 | 2.3 | 4.5 | 7.1 | 9.8 | 12.0 | 13.6 | 13.5 | 11.7 | 9.3 | 6.5 | 4.1 | 2.1 | 0.8 | 0.2 | 0.0 | 98.6 | 85.9 | |
| 50 | 0.0 | 0.1 | 0.6 | 1.4 | 2.7 | 4.0 | 5.1 | 5.9 | 6.3 | 6.2 | 5.7 | 4.8 | 3.7 | 2.4 | 1.3 | 0.5 | 0.1 | 0.0 | 50.9 | 14.2 | |
| 60 | 0.0 | 0.1 | 0.3 | 0.7 | 1.3 | 1.9 | 2.3 | 2.6 | 2.7 | 2.7 | 2.5 | 2.2 | 1.7 | 1.1 | 0.6 | 0.3 | 0.1 | 0.0 | 23.1 | 0.0 | |
| 70 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | 0.0 | 0.0 | 4.7 | 0.0 | |
| 80 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | |
| 90 | 0.2 | 3.1 | 14.4 | 42.6 | 93.5 | 174.7 | 272.1 | 371.4 | 402.0 | 400.8 | 376.5 | 270.1 | 167.9 | 88.9 | 40.9 | 14.4 | 3.4 | 0.2 | 2737 | | |
| Flux(T) | 0.0 | 0.0 | 0.0 | 25.2 | 79.9 | 161.4 | 259.0 | 358.2 | 388.7 | 387.5 | 363.4 | 256.9 | 154.6 | 74.9 | 23.3 | 0.0 | 0.0 | 0.0 | | 2533 | |
| Flux(E) | 0.0 | 0.0 | 0.0 | 25.2 | 79.9 | 161.4 | 259.0 | 358.2 | 388.7 | 387.5 | 363.4 | 256.9 | 154.6 | 74.9 | 23.3 | 0.0 | 0.0 | 0.0 | | 2533 | |
| | -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



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 2748lm ($8\log(F/F_0) = 3.5$).

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:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

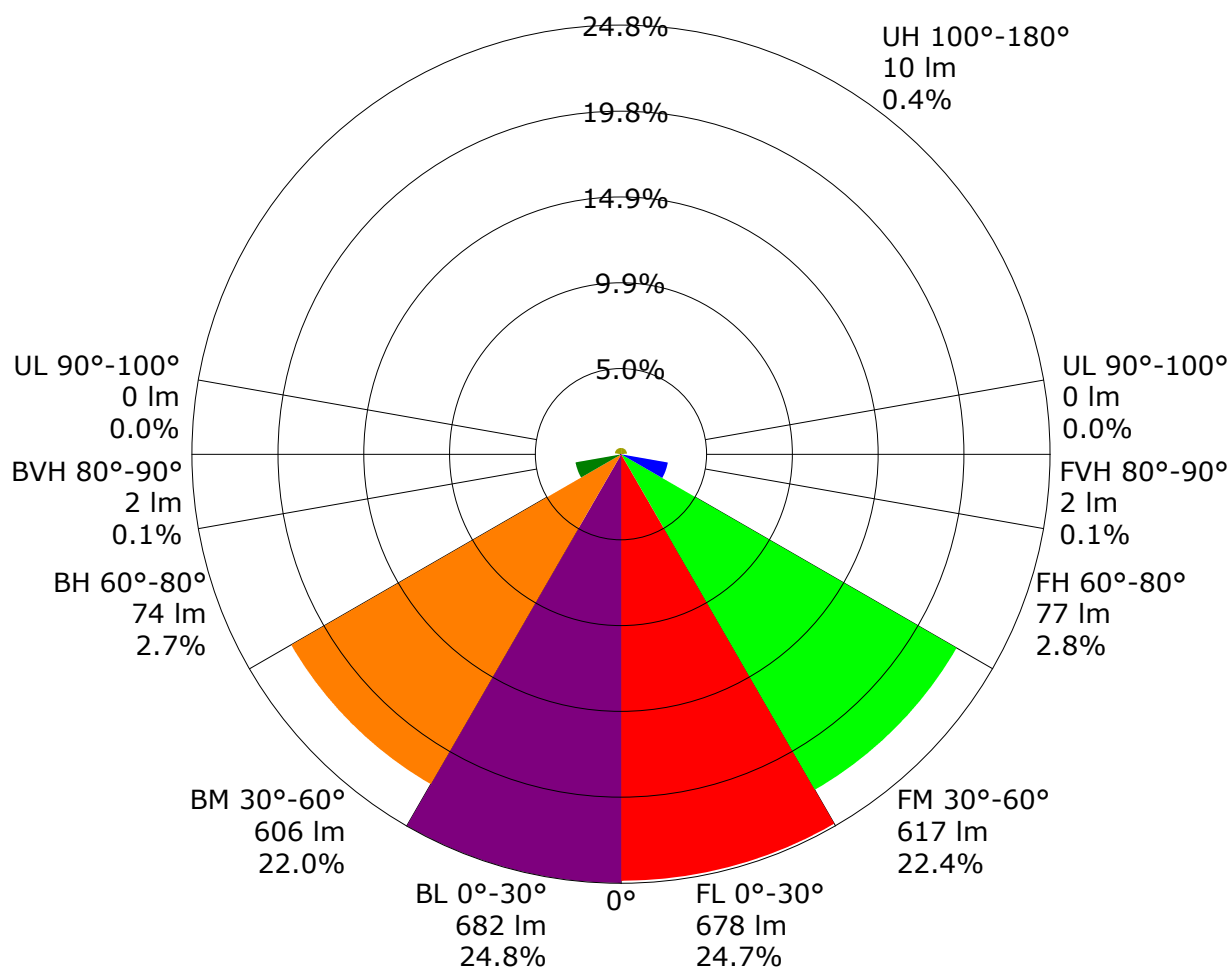
| | ZONE | LUMENS | % LAMP LUMENS |
|--|----------------|--------|---------------|
| | FORWARD LIGHT | 1373 | 50.0 |
| | FL (0°-30°) | 678 | 24.7 |
| | FM (30°-60°) | 617 | 22.4 |
| | FH (60°-80°) | 77 | 2.8 |
| | FVH (80°-90°) | 2 | 0.1 |
| | BACK LIGHT | 1364 | 49.6 |
| | BL (0°-30°) | 682 | 24.8 |
| | BM (30°-60°) | 606 | 22.0 |
| | BH (60°-80°) | 74 | 2.7 |
| | BVH (80°-90°) | 2 | 0.1 |
| | UP LIGHT | 10 | 0.4 |
| | UL (90°-100°) | 0 | 0.0 |
| | UH (100°-180°) | 10 | 0.4 |
| | TRAPPED LIGHT | NA | NA |

| BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07 | |
|--|----------|
| Asymmetrical Luminaire Types (Type I,II,III,IV) | B2 U2 G0 |
| Quadrilateral Symmetrical Luminaire Types (Type V,Area Light) | B2 U2 G0 |

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 = 1.00 | | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| 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 | 0.72 | 0.81 | 0.87 | 0.91 | 0.97 | 1.00 | 1.03 | 1.06 | 1.08 | |
| | 0.30 | | 0.66 | 0.76 | 0.82 | 0.86 | 0.92 | 0.97 | 0.99 | 1.03 | 1.06 | |
| | 0.20 | | 0.62 | 0.71 | 0.78 | 0.82 | 0.89 | 0.93 | 0.96 | 1.01 | 1.04 | |
| 0.50 | 0.50 | 0.20 | 0.71 | 0.79 | 0.85 | 0.89 | 0.94 | 0.97 | 0.99 | 1.02 | 1.04 | |
| | 0.30 | | 0.66 | 0.74 | 0.80 | 0.84 | 0.90 | 0.94 | 0.96 | 1.00 | 1.02 | |
| | 0.20 | | 0.62 | 0.71 | 0.77 | 0.81 | 0.87 | 0.91 | 0.94 | 0.98 | 1.00 | |
| 0.30 | 0.50 | 0.20 | 0.70 | 0.78 | 0.83 | 0.86 | 0.91 | 0.94 | 0.96 | 0.99 | 1.00 | |
| | 0.30 | | 0.65 | 0.73 | 0.79 | 0.83 | 0.88 | 0.91 | 0.94 | 0.97 | 0.99 | |
| | 0.20 | | 0.61 | 0.70 | 0.76 | 0.80 | 0.85 | 0.89 | 0.92 | 0.95 | 0.97 | |
| 0.00 | 0.00 | 0.00 | 0.59 | 0.68 | 0.73 | 0.77 | 0.82 | 0.85 | 0.88 | 0.91 | 0.92 | |
| Rating:19W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980 | | | | | | | | | | | | |

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

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

Utilisation Factor Table(Wall)

| Utilisation Factors UF(W) | | | SHR NOM = 1.00 | | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| 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 | 0.76 | 0.61 | 0.51 | 0.44 | 0.34 | 0.28 | 0.24 | 0.18 | 0.15 | |
| | 0.30 | | 0.63 | 0.52 | 0.44 | 0.39 | 0.31 | 0.26 | 0.22 | 0.17 | 0.14 | |
| | 0.20 | | 0.54 | 0.46 | 0.39 | 0.35 | 0.28 | 0.24 | 0.21 | 0.16 | 0.13 | |
| 0.50 | 0.50 | 0.20 | 0.73 | 0.58 | 0.48 | 0.41 | 0.32 | 0.30 | 0.22 | 0.17 | 0.14 | |
| | 0.30 | | 0.62 | 0.50 | 0.43 | 0.37 | 0.30 | 0.24 | 0.21 | 0.16 | 0.13 | |
| | 0.20 | | 0.54 | 0.44 | 0.38 | 0.34 | 0.27 | 0.23 | 0.20 | 0.15 | 0.13 | |
| 0.30 | 0.50 | 0.20 | 0.70 | 0.55 | 0.46 | 0.39 | 0.30 | 0.25 | 0.21 | 0.16 | 0.13 | |
| | 0.30 | | 0.60 | 0.49 | 0.41 | 0.36 | 0.28 | 0.23 | 0.20 | 0.15 | 0.12 | |
| | 0.20 | | 0.53 | 0.43 | 0.37 | 0.33 | 0.26 | 0.22 | 0.19 | 0.15 | 0.12 | |
| 0.00 | 0.00 | 0.00 | 0.41 | 0.32 | 0.27 | 0.23 | 0.18 | 0.14 | 0.12 | 0.09 | 0.08 | |
| Rating:19W 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 = 1.00 | | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| 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 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 | 0.20 | 0.21 | 0.21 | |
| | 0.30 | | 0.09 | 0.11 | 0.13 | 0.14 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 | |
| | 0.20 | | 0.06 | 0.08 | 0.09 | 0.11 | 0.13 | 0.14 | 0.15 | 0.17 | 0.18 | |
| 0.50 | 0.50 | 0.20 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | 0.19 | 0.20 | 0.21 | |
| | 0.30 | | 0.09 | 0.11 | 0.12 | 0.13 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | |
| | 0.20 | | 0.06 | 0.08 | 0.09 | 0.10 | 0.12 | 0.14 | 0.15 | 0.16 | 0.17 | |
| 0.30 | 0.50 | 0.20 | 0.14 | 0.15 | 0.16 | 0.16 | 0.18 | 0.18 | 0.19 | 0.19 | 0.20 | |
| | 0.30 | | 0.09 | 0.11 | 0.12 | 0.13 | 0.15 | 0.16 | 0.17 | 0.18 | 0.18 | |
| | 0.20 | | 0.06 | 0.07 | 0.09 | 0.10 | 0.12 | 0.14 | 0.15 | 0.16 | 0.17 | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Rating:19W 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 | 1933.8 | 1.9 | 1.9 | 0.07 | 0.07 |
| 1.0-2.0 | 1935.9 | 5.6 | 7.4 | 0.20 | 0.27 |
| 2.0-3.0 | 1939.7 | 9.3 | 16.7 | 0.34 | 0.61 |
| 3.0-4.0 | 1944.9 | 13.0 | 29.7 | 0.47 | 1.08 |
| 4.0-5.0 | 1950.6 | 16.8 | 46.5 | 0.61 | 1.69 |
| 5.0-6.0 | 1956.3 | 20.6 | 67.1 | 0.75 | 2.44 |
| 6.0-7.0 | 1961.2 | 24.3 | 91.4 | 0.89 | 3.33 |
| 7.0-8.0 | 1964.3 | 28.1 | 119.5 | 1.02 | 4.35 |
| 8.0-9.0 | 1965.0 | 31.9 | 151.4 | 1.16 | 5.51 |
| 9.0-10.0 | 1962.5 | 35.5 | 186.9 | 1.29 | 6.80 |
| 10.0-11.0 | 1955.7 | 39.1 | 226.0 | 1.42 | 8.22 |
| 11.0-12.0 | 1944.1 | 42.5 | 268.5 | 1.55 | 9.77 |
| 12.0-13.0 | 1928.7 | 45.8 | 314.2 | 1.67 | 11.44 |
| 13.0-14.0 | 1909.9 | 48.9 | 363.1 | 1.78 | 13.22 |
| 14.0-15.0 | 1886.7 | 51.8 | 414.9 | 1.89 | 15.10 |
| 15.0-16.0 | 1859.0 | 54.5 | 469.4 | 1.98 | 17.08 |
| 16.0-17.0 | 1826.3 | 56.9 | 526.3 | 2.07 | 19.15 |
| 17.0-18.0 | 1788.4 | 59.0 | 585.3 | 2.15 | 21.30 |
| 18.0-19.0 | 1746.4 | 60.8 | 646.0 | 2.21 | 23.51 |
| 19.0-20.0 | 1700.8 | 62.3 | 708.3 | 2.27 | 25.78 |
| 20.0-21.0 | 1651.8 | 63.4 | 771.7 | 2.31 | 28.08 |
| 21.0-22.0 | 1600.6 | 64.3 | 836.1 | 2.34 | 30.43 |
| 22.0-23.0 | 1548.2 | 65.0 | 901.0 | 2.36 | 32.79 |
| 23.0-24.0 | 1495.6 | 65.4 | 966.4 | 2.38 | 35.17 |
| 24.0-25.0 | 1444.4 | 65.7 | 1032.1 | 2.39 | 37.56 |
| 25.0-26.0 | 1395.2 | 65.9 | 1098.0 | 2.40 | 39.96 |
| 26.0-27.0 | 1347.2 | 65.9 | 1163.9 | 2.40 | 42.36 |
| 27.0-28.0 | 1299.1 | 65.8 | 1229.7 | 2.39 | 44.75 |
| 28.0-29.0 | 1251.6 | 65.5 | 1295.2 | 2.38 | 47.13 |
| 29.0-30.0 | 1205.2 | 65.1 | 1360.3 | 2.37 | 49.50 |
| 30.0-31.0 | 1159.1 | 64.5 | 1424.8 | 2.35 | 51.85 |
| 31.0-32.0 | 1113.8 | 63.8 | 1488.6 | 2.32 | 54.17 |
| 32.0-33.0 | 1069.4 | 63.0 | 1551.6 | 2.29 | 56.46 |
| 33.0-34.0 | 1024.3 | 62.0 | 1613.6 | 2.26 | 58.72 |
| 34.0-35.0 | 978.0 | 60.7 | 1674.3 | 2.21 | 60.93 |
| 35.0-36.0 | 931.2 | 59.3 | 1733.6 | 2.16 | 63.09 |

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 | 883.9 | 57.7 | 1791.3 | 2.10 | 65.19 |
| 37.0-38.0 | 836.2 | 55.8 | 1847.1 | 2.03 | 67.22 |
| 38.0-39.0 | 789.3 | 53.9 | 1901.0 | 1.96 | 69.18 |
| 39.0-40.0 | 743.1 | 51.8 | 1952.8 | 1.89 | 71.07 |
| 40.0-41.0 | 697.6 | 49.7 | 2002.5 | 1.81 | 72.87 |
| 41.0-42.0 | 654.0 | 47.5 | 2050.0 | 1.73 | 74.60 |
| 42.0-43.0 | 612.1 | 45.3 | 2095.4 | 1.65 | 76.25 |
| 43.0-44.0 | 571.4 | 43.1 | 2138.5 | 1.57 | 77.82 |
| 44.0-45.0 | 532.9 | 41.0 | 2179.5 | 1.49 | 79.31 |
| 45.0-46.0 | 496.7 | 38.9 | 2218.3 | 1.41 | 80.73 |
| 46.0-47.0 | 462.5 | 36.8 | 2255.1 | 1.34 | 82.07 |
| 47.0-48.0 | 430.4 | 34.8 | 2289.9 | 1.27 | 83.33 |
| 48.0-49.0 | 400.7 | 32.9 | 2322.8 | 1.20 | 84.53 |
| 49.0-50.0 | 372.9 | 31.1 | 2353.9 | 1.13 | 85.66 |
| 50.0-51.0 | 346.9 | 29.3 | 2383.3 | 1.07 | 86.73 |
| 51.0-52.0 | 323.1 | 27.7 | 2411.0 | 1.01 | 87.74 |
| 52.0-53.0 | 301.2 | 26.2 | 2437.2 | 0.95 | 88.69 |
| 53.0-54.0 | 280.6 | 24.7 | 2461.9 | 0.90 | 89.59 |
| 54.0-55.0 | 261.5 | 23.3 | 2485.3 | 0.85 | 90.44 |
| 55.0-56.0 | 243.4 | 22.0 | 2507.3 | 0.80 | 91.24 |
| 56.0-57.0 | 226.3 | 20.7 | 2528.0 | 0.75 | 92.00 |
| 57.0-58.0 | 210.3 | 19.4 | 2547.4 | 0.71 | 92.70 |
| 58.0-59.0 | 194.9 | 18.2 | 2565.6 | 0.66 | 93.37 |
| 59.0-60.0 | 180.1 | 17.0 | 2582.7 | 0.62 | 93.99 |
| 60.0-61.0 | 166.2 | 15.9 | 2598.5 | 0.58 | 94.56 |
| 61.0-62.0 | 153.1 | 14.8 | 2613.3 | 0.54 | 95.10 |
| 62.0-63.0 | 140.7 | 13.7 | 2627.0 | 0.50 | 95.60 |
| 63.0-64.0 | 129.1 | 12.7 | 2639.6 | 0.46 | 96.06 |
| 64.0-65.0 | 117.9 | 11.7 | 2651.3 | 0.42 | 96.48 |
| 65.0-66.0 | 107.3 | 10.7 | 2662.0 | 0.39 | 96.87 |
| 66.0-67.0 | 97.5 | 9.8 | 2671.8 | 0.36 | 97.23 |
| 67.0-68.0 | 88.2 | 8.9 | 2680.8 | 0.33 | 97.56 |
| 68.0-69.0 | 79.3 | 8.1 | 2688.9 | 0.29 | 97.85 |
| 69.0-70.0 | 70.8 | 7.3 | 2696.1 | 0.26 | 98.11 |
| 70.0-71.0 | 62.9 | 6.5 | 2702.6 | 0.24 | 98.35 |
| 71.0-72.0 | 55.6 | 5.8 | 2708.4 | 0.21 | 98.56 |

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 | 48.7 | 5.1 | 2713.5 | 0.19 | 98.75 |
| 73.0-74.0 | 42.3 | 4.4 | 2717.9 | 0.16 | 98.91 |
| 74.0-75.0 | 36.4 | 3.8 | 2721.8 | 0.14 | 99.05 |
| 75.0-76.0 | 30.8 | 3.3 | 2725.1 | 0.12 | 99.17 |
| 76.0-77.0 | 25.7 | 2.7 | 2727.8 | 0.10 | 99.27 |
| 77.0-78.0 | 21.2 | 2.3 | 2730.1 | 0.08 | 99.35 |
| 78.0-79.0 | 17.3 | 1.9 | 2731.9 | 0.07 | 99.42 |
| 79.0-80.0 | 13.7 | 1.5 | 2733.4 | 0.05 | 99.47 |
| 80.0-81.0 | 10.7 | 1.2 | 2734.6 | 0.04 | 99.51 |
| 81.0-82.0 | 8.2 | 0.9 | 2735.5 | 0.03 | 99.55 |
| 82.0-83.0 | 6.1 | 0.7 | 2736.1 | 0.02 | 99.57 |
| 83.0-84.0 | 4.4 | 0.5 | 2736.6 | 0.02 | 99.59 |
| 84.0-85.0 | 3.1 | 0.3 | 2736.9 | 0.01 | 99.60 |
| 85.0-86.0 | 2.0 | 0.2 | 2737.1 | 0.01 | 99.61 |
| 86.0-87.0 | 1.2 | 0.1 | 2737.3 | 0.00 | 99.61 |
| 87.0-88.0 | 0.7 | 0.1 | 2737.4 | 0.00 | 99.62 |
| 88.0-89.0 | 0.5 | 0.1 | 2737.4 | 0.00 | 99.62 |
| 89.0-90.0 | 0.3 | 0.0 | 2737.4 | 0.00 | 99.62 |
| 90.0-91.0 | 0.2 | 0.0 | 2737.5 | 0.00 | 99.62 |
| 91.0-92.0 | 0.2 | 0.0 | 2737.5 | 0.00 | 99.62 |
| 92.0-93.0 | 0.2 | 0.0 | 2737.5 | 0.00 | 99.62 |
| 93.0-94.0 | 0.2 | 0.0 | 2737.5 | 0.00 | 99.62 |
| 94.0-95.0 | 0.2 | 0.0 | 2737.5 | 0.00 | 99.62 |
| 95.0-96.0 | 0.2 | 0.0 | 2737.6 | 0.00 | 99.62 |
| 96.0-97.0 | 0.2 | 0.0 | 2737.6 | 0.00 | 99.62 |
| 97.0-98.0 | 0.2 | 0.0 | 2737.6 | 0.00 | 99.62 |
| 98.0-99.0 | 0.2 | 0.0 | 2737.6 | 0.00 | 99.63 |
| 99.0-100.0 | 0.2 | 0.0 | 2737.7 | 0.00 | 99.63 |
| 100.0-101.0 | 0.2 | 0.0 | 2737.7 | 0.00 | 99.63 |
| 101.0-102.0 | 0.3 | 0.0 | 2737.7 | 0.00 | 99.63 |
| 102.0-103.0 | 0.3 | 0.0 | 2737.7 | 0.00 | 99.63 |
| 103.0-104.0 | 0.3 | 0.0 | 2737.8 | 0.00 | 99.63 |
| 104.0-105.0 | 0.3 | 0.0 | 2737.8 | 0.00 | 99.63 |
| 105.0-106.0 | 0.3 | 0.0 | 2737.8 | 0.00 | 99.63 |
| 106.0-107.0 | 0.4 | 0.0 | 2737.9 | 0.00 | 99.63 |
| 107.0-108.0 | 0.4 | 0.0 | 2737.9 | 0.00 | 99.64 |

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 | 0.5 | 0.0 | 2738.0 | 0.00 | 99.64 |
| 109.0-110.0 | 0.5 | 0.0 | 2738.0 | 0.00 | 99.64 |
| 110.0-111.0 | 0.5 | 0.0 | 2738.1 | 0.00 | 99.64 |
| 111.0-112.0 | 0.5 | 0.0 | 2738.1 | 0.00 | 99.64 |
| 112.0-113.0 | 0.5 | 0.1 | 2738.2 | 0.00 | 99.64 |
| 113.0-114.0 | 0.6 | 0.1 | 2738.2 | 0.00 | 99.65 |
| 114.0-115.0 | 0.7 | 0.1 | 2738.3 | 0.00 | 99.65 |
| 115.0-116.0 | 0.7 | 0.1 | 2738.4 | 0.00 | 99.65 |
| 116.0-117.0 | 0.8 | 0.1 | 2738.4 | 0.00 | 99.65 |
| 117.0-118.0 | 0.8 | 0.1 | 2738.5 | 0.00 | 99.66 |
| 118.0-119.0 | 0.8 | 0.1 | 2738.6 | 0.00 | 99.66 |
| 119.0-120.0 | 0.9 | 0.1 | 2738.7 | 0.00 | 99.66 |
| 120.0-121.0 | 1.0 | 0.1 | 2738.8 | 0.00 | 99.67 |
| 121.0-122.0 | 1.0 | 0.1 | 2738.9 | 0.00 | 99.67 |
| 122.0-123.0 | 1.1 | 0.1 | 2739.0 | 0.00 | 99.67 |
| 123.0-124.0 | 1.2 | 0.1 | 2739.1 | 0.00 | 99.68 |
| 124.0-125.0 | 1.2 | 0.1 | 2739.2 | 0.00 | 99.68 |
| 125.0-126.0 | 1.3 | 0.1 | 2739.3 | 0.00 | 99.69 |
| 126.0-127.0 | 1.4 | 0.1 | 2739.4 | 0.00 | 99.69 |
| 127.0-128.0 | 1.5 | 0.1 | 2739.6 | 0.00 | 99.70 |
| 128.0-129.0 | 1.6 | 0.1 | 2739.7 | 0.00 | 99.70 |
| 129.0-130.0 | 1.7 | 0.1 | 2739.8 | 0.01 | 99.71 |
| 130.0-131.0 | 1.7 | 0.1 | 2740.0 | 0.01 | 99.71 |
| 131.0-132.0 | 1.8 | 0.2 | 2740.1 | 0.01 | 99.72 |
| 132.0-133.0 | 2.0 | 0.2 | 2740.3 | 0.01 | 99.72 |
| 133.0-134.0 | 2.1 | 0.2 | 2740.5 | 0.01 | 99.73 |
| 134.0-135.0 | 2.1 | 0.2 | 2740.6 | 0.01 | 99.73 |
| 135.0-136.0 | 2.3 | 0.2 | 2740.8 | 0.01 | 99.74 |
| 136.0-137.0 | 2.4 | 0.2 | 2741.0 | 0.01 | 99.75 |
| 137.0-138.0 | 2.5 | 0.2 | 2741.2 | 0.01 | 99.75 |
| 138.0-139.0 | 2.6 | 0.2 | 2741.3 | 0.01 | 99.76 |
| 139.0-140.0 | 2.7 | 0.2 | 2741.5 | 0.01 | 99.77 |
| 140.0-141.0 | 2.9 | 0.2 | 2741.7 | 0.01 | 99.77 |
| 141.0-142.0 | 3.0 | 0.2 | 2741.9 | 0.01 | 99.78 |
| 142.0-143.0 | 3.1 | 0.2 | 2742.1 | 0.01 | 99.79 |
| 143.0-144.0 | 3.1 | 0.2 | 2742.3 | 0.01 | 99.80 |

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 | 3.3 | 0.2 | 2742.6 | 0.01 | 99.80 |
| 145.0-146.0 | 3.4 | 0.2 | 2742.8 | 0.01 | 99.81 |
| 146.0-147.0 | 3.5 | 0.2 | 2743.0 | 0.01 | 99.82 |
| 147.0-148.0 | 3.7 | 0.2 | 2743.2 | 0.01 | 99.83 |
| 148.0-149.0 | 3.8 | 0.2 | 2743.4 | 0.01 | 99.84 |
| 149.0-150.0 | 3.9 | 0.2 | 2743.6 | 0.01 | 99.84 |
| 150.0-151.0 | 4.0 | 0.2 | 2743.9 | 0.01 | 99.85 |
| 151.0-152.0 | 4.2 | 0.2 | 2744.1 | 0.01 | 99.86 |
| 152.0-153.0 | 4.3 | 0.2 | 2744.3 | 0.01 | 99.87 |
| 153.0-154.0 | 4.4 | 0.2 | 2744.5 | 0.01 | 99.88 |
| 154.0-155.0 | 4.5 | 0.2 | 2744.7 | 0.01 | 99.88 |
| 155.0-156.0 | 4.7 | 0.2 | 2744.9 | 0.01 | 99.89 |
| 156.0-157.0 | 4.8 | 0.2 | 2745.1 | 0.01 | 99.90 |
| 157.0-158.0 | 4.9 | 0.2 | 2745.3 | 0.01 | 99.91 |
| 158.0-159.0 | 5.0 | 0.2 | 2745.5 | 0.01 | 99.91 |
| 159.0-160.0 | 5.1 | 0.2 | 2745.7 | 0.01 | 99.92 |
| 160.0-161.0 | 5.2 | 0.2 | 2745.9 | 0.01 | 99.93 |
| 161.0-162.0 | 5.3 | 0.2 | 2746.1 | 0.01 | 99.93 |
| 162.0-163.0 | 5.4 | 0.2 | 2746.3 | 0.01 | 99.94 |
| 163.0-164.0 | 5.5 | 0.2 | 2746.5 | 0.01 | 99.95 |
| 164.0-165.0 | 5.6 | 0.2 | 2746.6 | 0.01 | 99.95 |
| 165.0-166.0 | 5.7 | 0.2 | 2746.8 | 0.01 | 99.96 |
| 166.0-167.0 | 5.8 | 0.1 | 2746.9 | 0.01 | 99.96 |
| 167.0-168.0 | 5.9 | 0.1 | 2747.1 | 0.01 | 99.97 |
| 168.0-169.0 | 5.9 | 0.1 | 2747.2 | 0.00 | 99.97 |
| 169.0-170.0 | 6.1 | 0.1 | 2747.3 | 0.00 | 99.98 |
| 170.0-171.0 | 6.1 | 0.1 | 2747.4 | 0.00 | 99.98 |
| 171.0-172.0 | 6.2 | 0.1 | 2747.5 | 0.00 | 99.99 |
| 172.0-173.0 | 6.3 | 0.1 | 2747.6 | 0.00 | 99.99 |
| 173.0-174.0 | 6.3 | 0.1 | 2747.7 | 0.00 | 99.99 |
| 174.0-175.0 | 6.4 | 0.1 | 2747.8 | 0.00 | 99.99 |
| 175.0-176.0 | 6.4 | 0.1 | 2747.8 | 0.00 | 100.00 |
| 176.0-177.0 | 6.5 | 0.0 | 2747.9 | 0.00 | 100.00 |
| 177.0-178.0 | 6.6 | 0.0 | 2747.9 | 0.00 | 100.00 |
| 178.0-179.0 | 6.6 | 0.0 | 2747.9 | 0.00 | 100.00 |
| 179.0-180.0 | 6.6 | 0.0 | 2747.9 | 0.00 | 100.00 |

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

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

Candlepower Table

Unit: cd

| G\C | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| G0.0 | 1933.1 | 1933.1 | 1933.1 | 1933.1 | 1933.1 | 1933.1 | 1933.1 | 1933.1 | 1933.1 | 1933.1 |
| G1.0 | 1921.7 | 1925.3 | 1926.9 | 1928.0 | 1932.1 | 1931.3 | 1932.2 | 1931.8 | 1948.0 | 1949.1 |
| G2.0 | 1921.4 | 1926.9 | 1920.3 | 1920.1 | 1927.8 | 1927.0 | 1931.9 | 1936.7 | 1971.1 | 1971.8 |
| G3.0 | 1931.6 | 1936.5 | 1915.1 | 1906.9 | 1917.0 | 1921.5 | 1932.4 | 1947.5 | 1998.4 | 2005.3 |
| G4.0 | 1948.3 | 1953.8 | 1912.7 | 1893.5 | 1901.8 | 1911.9 | 1937.7 | 1969.0 | 2029.2 | 2035.7 |
| G5.0 | 1972.4 | 1976.4 | 1913.2 | 1877.0 | 1882.8 | 1900.1 | 1941.1 | 1990.1 | 2059.7 | 2064.6 |
| G6.0 | 2000.0 | 2005.3 | 1914.1 | 1860.2 | 1856.8 | 1883.3 | 1946.1 | 2014.7 | 2088.7 | 2095.3 |
| G7.0 | 2030.3 | 2036.2 | 1917.4 | 1841.7 | 1831.8 | 1868.7 | 1951.7 | 2039.4 | 2110.7 | 2116.9 |
| G8.0 | 2060.1 | 2065.9 | 1921.1 | 1821.9 | 1804.0 | 1851.6 | 1955.9 | 2066.5 | 2124.5 | 2128.0 |
| G9.0 | 2087.1 | 2093.0 | 1923.4 | 1800.1 | 1775.6 | 1833.6 | 1956.0 | 2085.0 | 2129.6 | 2131.4 |
| G10.0 | 2114.2 | 2116.7 | 1923.5 | 1778.5 | 1745.9 | 1814.7 | 1955.8 | 2097.1 | 2124.0 | 2126.1 |
| G11.0 | 2129.8 | 2130.9 | 1919.6 | 1756.9 | 1715.3 | 1795.9 | 1948.2 | 2098.6 | 2111.6 | 2111.0 |
| G12.0 | 2134.3 | 2135.1 | 1909.5 | 1732.0 | 1686.7 | 1775.7 | 1938.6 | 2089.2 | 2087.2 | 2091.6 |
| G13.0 | 2132.3 | 2133.4 | 1898.0 | 1708.8 | 1659.4 | 1754.9 | 1922.2 | 2073.7 | 2062.0 | 2066.8 |
| G14.0 | 2119.9 | 2120.4 | 1882.9 | 1687.1 | 1632.4 | 1733.4 | 1903.8 | 2050.4 | 2029.5 | 2036.3 |
| G15.0 | 2095.9 | 2100.8 | 1864.5 | 1665.5 | 1606.4 | 1713.2 | 1878.4 | 2014.6 | 1985.1 | 1992.4 |
| G16.0 | 2069.1 | 2074.6 | 1844.5 | 1644.3 | 1578.5 | 1687.8 | 1853.7 | 1980.6 | 1936.2 | 1942.8 |
| G17.0 | 2021.6 | 2023.5 | 1821.3 | 1619.2 | 1552.2 | 1665.7 | 1828.0 | 1938.4 | 1881.1 | 1887.7 |
| G18.0 | 1957.2 | 1963.1 | 1795.2 | 1596.2 | 1524.0 | 1642.0 | 1798.8 | 1887.0 | 1817.5 | 1825.7 |
| G19.0 | 1892.7 | 1895.8 | 1769.0 | 1571.5 | 1495.3 | 1616.0 | 1766.5 | 1835.2 | 1755.8 | 1754.6 |
| G20.0 | 1816.8 | 1824.9 | 1740.9 | 1545.3 | 1466.7 | 1587.2 | 1723.5 | 1780.6 | 1686.8 | 1691.2 |
| G21.0 | 1746.4 | 1745.4 | 1702.5 | 1519.7 | 1432.4 | 1553.4 | 1679.5 | 1724.0 | 1621.4 | 1626.0 |
| G22.0 | 1673.1 | 1672.7 | 1655.9 | 1488.3 | 1400.5 | 1517.7 | 1632.3 | 1668.4 | 1555.4 | 1554.2 |
| G23.0 | 1594.5 | 1593.7 | 1603.3 | 1455.8 | 1365.9 | 1479.1 | 1581.4 | 1605.0 | 1493.1 | 1492.6 |
| G24.0 | 1519.4 | 1519.3 | 1551.6 | 1421.4 | 1331.8 | 1438.4 | 1526.3 | 1545.9 | 1429.9 | 1436.7 |
| G25.0 | 1446.1 | 1452.2 | 1498.7 | 1383.0 | 1295.6 | 1394.6 | 1466.2 | 1488.4 | 1379.0 | 1379.4 |
| G26.0 | 1386.7 | 1388.3 | 1447.3 | 1344.0 | 1259.2 | 1343.9 | 1411.0 | 1431.6 | 1330.7 | 1331.6 |
| G27.0 | 1332.0 | 1334.7 | 1393.5 | 1296.8 | 1221.3 | 1295.5 | 1358.7 | 1378.7 | 1286.0 | 1286.4 |
| G28.0 | 1281.7 | 1281.2 | 1332.8 | 1251.8 | 1183.2 | 1244.1 | 1306.5 | 1325.3 | 1242.1 | 1244.5 |
| G29.0 | 1229.4 | 1235.2 | 1280.7 | 1204.1 | 1142.9 | 1191.5 | 1256.4 | 1279.6 | 1205.1 | 1208.1 |
| G30.0 | 1186.6 | 1193.4 | 1230.0 | 1154.1 | 1101.4 | 1142.3 | 1205.4 | 1237.7 | 1169.5 | 1168.1 |
| G31.0 | 1147.1 | 1148.0 | 1182.3 | 1105.3 | 1055.0 | 1087.8 | 1163.2 | 1199.0 | 1127.0 | 1131.4 |
| G32.0 | 1107.3 | 1108.1 | 1134.9 | 1051.3 | 1012.3 | 1041.2 | 1122.3 | 1162.1 | 1088.6 | 1092.6 |
| G33.0 | 1065.6 | 1067.4 | 1087.7 | 1001.8 | 967.9 | 994.1 | 1081.4 | 1121.9 | 1049.2 | 1052.4 |
| G34.0 | 1022.6 | 1023.6 | 1035.8 | 952.1 | 922.0 | 946.7 | 1038.8 | 1085.0 | 1002.7 | 1006.7 |
| G35.0 | 974.8 | 980.1 | 986.9 | 901.8 | 875.7 | 899.8 | 992.9 | 1047.5 | 956.8 | 961.8 |
| G36.0 | 929.3 | 933.3 | 939.2 | 854.1 | 826.3 | 850.1 | 950.3 | 1009.3 | 910.1 | 914.3 |

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 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 | 882.8 | 880.5 | 890.4 | 800.8 | 780.6 | 803.9 | 906.5 | 968.0 | 863.5 | 861.8 |
| G38.0 | 834.7 | 834.0 | 835.4 | 751.1 | 734.7 | 757.4 | 862.4 | 920.2 | 817.2 | 816.7 |
| G39.0 | 790.1 | 788.8 | 786.9 | 704.2 | 689.0 | 711.3 | 817.5 | 875.7 | 770.5 | 772.7 |
| G40.0 | 741.4 | 745.7 | 739.6 | 657.8 | 645.2 | 666.9 | 768.8 | 833.1 | 728.3 | 730.3 |
| G41.0 | 700.7 | 701.4 | 694.5 | 609.1 | 599.8 | 619.6 | 725.5 | 790.9 | 687.3 | 685.9 |
| G42.0 | 661.3 | 661.2 | 651.1 | 567.6 | 558.9 | 579.0 | 683.3 | 745.2 | 647.4 | 646.5 |
| G43.0 | 622.8 | 622.9 | 603.6 | 527.0 | 519.2 | 538.7 | 641.3 | 703.7 | 606.1 | 609.8 |
| G44.0 | 585.5 | 586.1 | 562.5 | 488.5 | 481.2 | 501.1 | 595.6 | 662.2 | 572.1 | 575.2 |
| G45.0 | 548.5 | 551.9 | 523.5 | 452.9 | 445.4 | 464.5 | 556.8 | 623.4 | 539.0 | 538.4 |
| G46.0 | 517.0 | 516.2 | 488.3 | 420.8 | 408.7 | 430.1 | 520.7 | 587.3 | 507.4 | 506.5 |
| G47.0 | 486.1 | 485.5 | 451.1 | 387.5 | 378.0 | 399.8 | 485.8 | 548.2 | 475.2 | 477.4 |
| G48.0 | 454.5 | 457.2 | 418.8 | 359.1 | 348.2 | 370.9 | 452.7 | 514.2 | 447.0 | 448.8 |
| G49.0 | 427.1 | 429.3 | 388.5 | 333.1 | 321.3 | 344.3 | 421.6 | 482.3 | 421.5 | 420.2 |
| G50.0 | 401.9 | 403.8 | 361.8 | 309.0 | 296.4 | 317.0 | 390.1 | 452.3 | 393.8 | 395.9 |
| G51.0 | 378.7 | 378.8 | 333.7 | 285.1 | 272.8 | 295.3 | 364.0 | 422.4 | 370.6 | 372.4 |
| G52.0 | 356.5 | 356.7 | 310.3 | 265.3 | 252.2 | 275.1 | 339.2 | 396.3 | 348.6 | 349.9 |
| G53.0 | 333.1 | 335.5 | 289.1 | 246.6 | 232.9 | 256.1 | 313.4 | 371.3 | 327.8 | 328.0 |
| G54.0 | 312.7 | 315.4 | 269.5 | 229.6 | 216.0 | 236.3 | 292.0 | 347.2 | 306.1 | 308.0 |
| G55.0 | 293.7 | 294.2 | 250.9 | 214.2 | 198.9 | 220.6 | 273.0 | 325.0 | 286.2 | 288.2 |
| G56.0 | 275.6 | 275.3 | 232.7 | 198.6 | 184.7 | 205.9 | 254.5 | 302.9 | 266.6 | 268.4 |
| G57.0 | 255.2 | 257.3 | 217.3 | 185.3 | 171.6 | 192.4 | 235.3 | 283.3 | 247.3 | 247.0 |
| G58.0 | 236.6 | 238.7 | 202.5 | 172.9 | 158.8 | 180.3 | 219.3 | 263.4 | 228.6 | 227.9 |
| G59.0 | 219.1 | 220.7 | 188.7 | 160.7 | 146.6 | 166.4 | 204.1 | 244.6 | 208.4 | 209.6 |
| G60.0 | 201.8 | 201.6 | 175.9 | 148.9 | 134.3 | 155.5 | 190.0 | 227.2 | 190.4 | 192.1 |
| G61.0 | 183.9 | 185.5 | 162.1 | 138.3 | 124.2 | 144.1 | 175.7 | 208.3 | 174.0 | 173.7 |
| G62.0 | 169.1 | 170.4 | 151.3 | 127.7 | 114.6 | 132.1 | 162.4 | 192.0 | 159.0 | 158.6 |
| G63.0 | 154.3 | 156.3 | 140.0 | 117.3 | 105.1 | 122.0 | 151.5 | 176.3 | 142.4 | 144.0 |
| G64.0 | 142.0 | 142.0 | 130.8 | 107.3 | 95.3 | 111.8 | 140.5 | 161.3 | 130.1 | 130.8 |
| G65.0 | 129.1 | 129.3 | 120.4 | 96.7 | 86.8 | 102.4 | 130.2 | 146.2 | 117.6 | 117.1 |
| G66.0 | 116.7 | 118.2 | 110.2 | 87.6 | 78.3 | 92.4 | 119.1 | 133.3 | 106.1 | 105.7 |
| G67.0 | 106.4 | 106.3 | 100.7 | 78.8 | 68.9 | 83.6 | 109.9 | 121.0 | 95.0 | 95.9 |
| G68.0 | 96.5 | 96.7 | 91.5 | 68.8 | 60.4 | 74.3 | 100.3 | 109.5 | 86.0 | 86.8 |
| G69.0 | 87.2 | 87.5 | 82.3 | 58.2 | 51.4 | 64.0 | 90.7 | 99.0 | 77.7 | 77.5 |
| G70.0 | 78.4 | 79.1 | 73.0 | 49.8 | 43.4 | 54.9 | 80.9 | 88.4 | 69.0 | 69.7 |
| G71.0 | 70.8 | 70.8 | 65.0 | 41.8 | 34.8 | 46.0 | 72.5 | 79.9 | 62.0 | 62.6 |
| G72.0 | 63.9 | 63.9 | 56.9 | 33.6 | 28.0 | 38.3 | 64.1 | 71.9 | 55.8 | 56.3 |
| G73.0 | 57.0 | 57.2 | 47.3 | 26.5 | 22.7 | 30.8 | 55.5 | 63.9 | 49.8 | 49.7 |

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 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 | 50.7 | 50.7 | 37.5 | 21.4 | 17.9 | 24.6 | 47.0 | 57.0 | 43.6 | 44.2 |
| G75.0 | 44.4 | 45.3 | 29.6 | 16.5 | 13.4 | 19.7 | 37.8 | 50.6 | 38.2 | 38.8 |
| G76.0 | 39.3 | 39.3 | 23.2 | 11.3 | 8.3 | 14.0 | 30.4 | 44.6 | 33.2 | 33.9 |
| G77.0 | 33.9 | 34.1 | 17.8 | 7.0 | 5.3 | 9.5 | 24.0 | 38.4 | 28.6 | 29.1 |
| G78.0 | 29.4 | 29.3 | 13.6 | 4.0 | 2.9 | 6.0 | 18.4 | 33.3 | 24.0 | 23.9 |
| G79.0 | 24.3 | 24.9 | 9.7 | 2.1 | 0.8 | 3.2 | 13.8 | 28.5 | 19.4 | 19.7 |
| G80.0 | 20.0 | 20.4 | 6.3 | 0.1 | 0.0 | 1.1 | 10.4 | 23.7 | 15.5 | 15.9 |
| G81.0 | 16.5 | 16.4 | 3.6 | 0.1 | 0.1 | 0.3 | 7.0 | 19.3 | 12.3 | 12.3 |
| G82.0 | 13.2 | 13.1 | 2.0 | 0.0 | 0.0 | 0.0 | 4.4 | 15.0 | 9.5 | 9.5 |
| G83.0 | 9.6 | 10.3 | 0.6 | 0.1 | 0.1 | 0.2 | 2.4 | 11.4 | 6.6 | 7.0 |
| G84.0 | 7.4 | 7.7 | 0.8 | 0.0 | 0.0 | 0.0 | 1.8 | 8.0 | 4.7 | 5.1 |
| G85.0 | 5.1 | 5.4 | 0.0 | 0.0 | 0.0 | 0.1 | 1.3 | 5.5 | 3.1 | 3.1 |
| G86.0 | 3.3 | 3.7 | 0.2 | 0.1 | 0.0 | 0.0 | 1.0 | 3.2 | 1.5 | 2.0 |
| G87.0 | 1.7 | 2.4 | 0.0 | 0.1 | 0.0 | 0.1 | 0.8 | 2.0 | 0.7 | 1.1 |
| G88.0 | 1.1 | 1.4 | 0.1 | 0.1 | 0.2 | 0.1 | 0.8 | 1.1 | 0.4 | 0.6 |
| G89.0 | 0.4 | 0.8 | 0.0 | 0.1 | 0.1 | 0.0 | 0.8 | 0.4 | 0.0 | 0.2 |
| G90.0 | 0.1 | 0.4 | 0.2 | 0.2 | 0.0 | 0.1 | 1.0 | 0.2 | 0.0 | 0.0 |
| G91.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.5 | 0.0 | 0.0 | 0.0 |
| G92.0 | 0.1 | 0.2 | 0.1 | 0.1 | 0.0 | 0.2 | 0.7 | 0.0 | 0.1 | 0.1 |
| G93.0 | 0.0 | 0.5 | 0.2 | 0.1 | 0.0 | 0.1 | 0.7 | 0.0 | 0.1 | 0.0 |
| G94.0 | 0.1 | 0.2 | 0.1 | 0.0 | 0.1 | 0.0 | 0.4 | 0.1 | 0.1 | 0.4 |
| G95.0 | 0.0 | 0.4 | 0.4 | 0.1 | 0.2 | 0.1 | 0.8 | 0.2 | 0.0 | 0.2 |
| G96.0 | 0.1 | 0.4 | 0.2 | 0.1 | 0.0 | 0.3 | 1.0 | 0.1 | 0.1 | 0.1 |
| G97.0 | 0.2 | 0.5 | 0.3 | 0.0 | 0.1 | 0.2 | 0.5 | 0.0 | 0.1 | 0.2 |
| G98.0 | 0.1 | 0.2 | 0.2 | 0.2 | 0.0 | 0.1 | 0.8 | 0.1 | 0.0 | 0.1 |
| G99.0 | 0.0 | 0.4 | 0.1 | 0.1 | 0.1 | 0.2 | 0.9 | 0.2 | 0.0 | 0.5 |
| G100.0 | 0.1 | 0.3 | 0.5 | 0.0 | 0.0 | 0.2 | 0.8 | 0.0 | 0.0 | 0.2 |
| G101.0 | 0.1 | 0.5 | 0.1 | 0.2 | 0.0 | 0.2 | 1.0 | 0.0 | 0.0 | 0.2 |
| G102.0 | 0.0 | 0.4 | 0.4 | 0.0 | 0.1 | 0.2 | 0.8 | 0.1 | 0.0 | 0.3 |
| G103.0 | 0.2 | 0.1 | 0.4 | 0.2 | 0.0 | 0.2 | 0.8 | 0.0 | 0.1 | 0.3 |
| G104.0 | 0.1 | 0.5 | 0.3 | 0.2 | 0.0 | 0.1 | 0.9 | 0.2 | 0.0 | 0.5 |
| G105.0 | 0.4 | 0.6 | 0.5 | 0.0 | 0.2 | 0.3 | 1.0 | 0.2 | 0.0 | 0.3 |
| G106.0 | 0.2 | 0.6 | 0.4 | 0.2 | 0.1 | 0.0 | 1.1 | 0.2 | 0.2 | 0.2 |
| G107.0 | 0.3 | 0.6 | 0.2 | 0.4 | 0.2 | 0.2 | 0.8 | 0.4 | 0.1 | 0.5 |
| G108.0 | 0.4 | 0.6 | 0.6 | 0.3 | 0.3 | 0.2 | 1.2 | 0.3 | 0.2 | 0.3 |
| G109.0 | 0.2 | 0.6 | 0.5 | 0.4 | 0.3 | 0.4 | 1.0 | 0.2 | 0.3 | 0.6 |
| G110.0 | 0.2 | 0.6 | 0.5 | 0.4 | 0.2 | 0.5 | 1.0 | 0.3 | 0.3 | 0.4 |

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 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 | 0.2 | 0.9 | 0.6 | 0.4 | 0.2 | 0.4 | 1.1 | 0.5 | 0.4 | 0.5 |
| G112.0 | 0.5 | 0.4 | 0.5 | 0.5 | 0.0 | 0.5 | 1.1 | 0.1 | 0.4 | 0.6 |
| G113.0 | 0.5 | 0.8 | 0.8 | 0.4 | 0.4 | 0.4 | 1.0 | 0.4 | 0.0 | 0.6 |
| G114.0 | 0.1 | 0.9 | 0.7 | 0.6 | 0.4 | 0.8 | 1.2 | 0.6 | 0.4 | 0.8 |
| G115.0 | 0.5 | 0.8 | 0.7 | 0.5 | 0.0 | 0.6 | 1.4 | 0.6 | 0.6 | 0.8 |
| G116.0 | 0.8 | 0.9 | 0.9 | 0.6 | 0.5 | 0.6 | 1.1 | 0.5 | 0.1 | 0.8 |
| G117.0 | 0.8 | 0.9 | 1.1 | 0.6 | 0.5 | 0.8 | 1.4 | 0.7 | 0.6 | 0.8 |
| G118.0 | 0.7 | 1.0 | 0.8 | 0.5 | 0.7 | 0.8 | 1.3 | 0.7 | 0.4 | 0.8 |
| G119.0 | 0.9 | 1.1 | 1.1 | 0.9 | 0.6 | 0.6 | 1.5 | 0.9 | 0.6 | 0.8 |
| G120.0 | 0.9 | 1.2 | 1.1 | 0.8 | 0.4 | 1.0 | 1.7 | 0.8 | 0.5 | 0.9 |
| G121.0 | 0.7 | 1.0 | 1.0 | 0.8 | 0.8 | 0.9 | 1.7 | 1.0 | 0.6 | 1.2 |
| G122.0 | 0.9 | 1.2 | 1.2 | 0.9 | 0.8 | 1.0 | 1.8 | 1.0 | 0.9 | 1.0 |
| G123.0 | 1.2 | 1.3 | 1.1 | 0.9 | 1.0 | 1.1 | 1.7 | 1.0 | 0.9 | 1.1 |
| G124.0 | 1.1 | 1.5 | 1.4 | 1.2 | 1.0 | 1.1 | 1.8 | 1.1 | 0.9 | 1.1 |
| G125.0 | 1.4 | 1.5 | 1.5 | 1.3 | 1.0 | 1.4 | 1.8 | 1.3 | 1.2 | 1.2 |
| G126.0 | 1.5 | 1.7 | 1.4 | 1.3 | 1.2 | 1.3 | 2.1 | 1.3 | 1.1 | 1.2 |
| G127.0 | 1.4 | 1.7 | 1.5 | 1.2 | 1.3 | 1.4 | 1.9 | 1.3 | 1.4 | 1.6 |
| G128.0 | 1.4 | 1.8 | 1.7 | 1.3 | 1.3 | 1.4 | 2.0 | 1.5 | 1.4 | 1.7 |
| G129.0 | 1.6 | 1.6 | 1.8 | 1.6 | 1.1 | 1.4 | 2.1 | 1.6 | 1.4 | 1.7 |
| G130.0 | 1.7 | 1.8 | 2.1 | 1.7 | 1.4 | 1.7 | 2.3 | 1.5 | 1.5 | 1.8 |
| G131.0 | 1.8 | 2.0 | 1.9 | 1.7 | 1.7 | 1.8 | 2.3 | 1.6 | 1.6 | 2.1 |
| G132.0 | 2.0 | 2.1 | 2.0 | 1.9 | 1.7 | 1.7 | 2.5 | 1.6 | 1.7 | 2.1 |
| G133.0 | 2.1 | 2.2 | 2.1 | 1.9 | 1.8 | 1.9 | 2.8 | 1.9 | 1.8 | 1.9 |
| G134.0 | 2.3 | 2.2 | 2.3 | 2.0 | 2.0 | 2.0 | 2.6 | 1.8 | 1.8 | 2.3 |
| G135.0 | 2.2 | 2.5 | 2.3 | 2.0 | 2.1 | 2.1 | 2.7 | 2.2 | 2.0 | 2.2 |
| G136.0 | 2.1 | 2.7 | 2.5 | 2.4 | 2.2 | 2.1 | 2.9 | 2.2 | 2.3 | 2.4 |
| G137.0 | 2.2 | 2.4 | 2.7 | 2.2 | 2.2 | 2.5 | 3.0 | 2.3 | 2.2 | 2.5 |
| G138.0 | 2.6 | 2.9 | 2.7 | 2.4 | 2.3 | 2.3 | 3.2 | 2.5 | 2.5 | 2.7 |
| G139.0 | 2.7 | 3.0 | 2.8 | 2.4 | 2.4 | 2.4 | 3.0 | 2.7 | 2.6 | 2.7 |
| G140.0 | 2.9 | 3.0 | 2.9 | 2.7 | 2.3 | 2.7 | 3.5 | 2.6 | 2.6 | 2.9 |
| G141.0 | 2.9 | 3.1 | 3.1 | 2.9 | 2.7 | 3.0 | 3.6 | 2.8 | 2.7 | 3.0 |
| G142.0 | 3.0 | 3.3 | 3.1 | 3.0 | 2.9 | 3.1 | 3.6 | 2.9 | 3.0 | 3.1 |
| G143.0 | 3.1 | 3.3 | 3.1 | 3.0 | 2.9 | 2.5 | 3.8 | 3.0 | 2.9 | 3.3 |
| G144.0 | 3.2 | 3.4 | 3.3 | 3.1 | 2.9 | 3.2 | 3.8 | 3.2 | 3.1 | 3.3 |
| G145.0 | 3.6 | 3.4 | 3.7 | 3.1 | 3.0 | 3.1 | 3.8 | 3.3 | 3.3 | 3.6 |
| G146.0 | 3.4 | 3.8 | 3.6 | 3.6 | 3.2 | 3.4 | 4.2 | 3.4 | 3.4 | 3.4 |
| G147.0 | 3.6 | 3.9 | 3.6 | 3.3 | 3.3 | 3.5 | 4.2 | 3.4 | 3.5 | 3.8 |

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 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 | 3.7 | 4.0 | 3.8 | 3.6 | 3.6 | 3.6 | 4.3 | 3.6 | 3.3 | 3.9 |
| G149.0 | 3.8 | 4.2 | 4.1 | 3.6 | 3.8 | 3.9 | 4.5 | 3.9 | 3.8 | 4.0 |
| G150.0 | 4.1 | 4.2 | 3.9 | 3.7 | 3.9 | 3.9 | 4.6 | 4.1 | 3.9 | 4.0 |
| G151.0 | 4.2 | 4.2 | 4.1 | 3.8 | 3.9 | 3.9 | 4.7 | 3.9 | 4.0 | 4.3 |
| G152.0 | 4.3 | 4.6 | 4.4 | 4.0 | 4.0 | 4.1 | 4.8 | 4.2 | 4.2 | 4.2 |
| G153.0 | 4.3 | 4.6 | 4.6 | 4.3 | 4.2 | 4.2 | 5.1 | 4.1 | 4.2 | 4.4 |
| G154.0 | 4.5 | 4.5 | 4.6 | 4.3 | 4.4 | 4.3 | 5.1 | 4.4 | 4.3 | 4.6 |
| G155.0 | 4.7 | 5.1 | 4.9 | 4.3 | 4.4 | 4.5 | 5.2 | 4.5 | 4.4 | 4.9 |
| G156.0 | 4.6 | 5.0 | 4.9 | 4.7 | 4.4 | 4.6 | 5.3 | 4.8 | 4.5 | 4.8 |
| G157.0 | 4.9 | 5.0 | 4.9 | 4.8 | 4.6 | 4.7 | 5.5 | 4.8 | 4.6 | 4.8 |
| G158.0 | 4.7 | 5.1 | 5.0 | 4.7 | 5.0 | 5.0 | 5.7 | 5.0 | 4.8 | 4.8 |
| G159.0 | 5.0 | 5.2 | 4.9 | 4.9 | 5.0 | 5.2 | 5.7 | 5.0 | 4.9 | 5.1 |
| G160.0 | 5.0 | 5.4 | 5.4 | 5.1 | 5.1 | 5.1 | 5.6 | 4.9 | 5.0 | 5.1 |
| G161.0 | 5.0 | 5.5 | 5.3 | 5.3 | 5.2 | 5.2 | 5.9 | 5.0 | 4.9 | 5.1 |
| G162.0 | 5.2 | 5.4 | 5.4 | 5.4 | 5.3 | 5.3 | 6.0 | 5.2 | 5.3 | 5.4 |
| G163.0 | 5.4 | 5.8 | 5.6 | 5.5 | 5.5 | 5.3 | 6.1 | 5.3 | 5.1 | 5.2 |
| G164.0 | 5.5 | 5.6 | 5.8 | 5.6 | 5.5 | 5.6 | 6.4 | 5.4 | 5.3 | 5.6 |
| G165.0 | 5.3 | 5.9 | 6.0 | 5.6 | 5.6 | 5.6 | 6.3 | 5.3 | 5.5 | 5.4 |
| G166.0 | 5.6 | 5.9 | 5.9 | 5.8 | 5.9 | 5.6 | 6.4 | 5.5 | 5.5 | 5.8 |
| G167.0 | 5.6 | 5.8 | 6.0 | 6.0 | 5.7 | 5.9 | 6.3 | 5.7 | 5.6 | 5.7 |
| G168.0 | 5.8 | 6.0 | 5.9 | 5.9 | 6.0 | 5.9 | 6.6 | 5.7 | 5.5 | 5.8 |
| G169.0 | 5.6 | 6.1 | 6.0 | 6.0 | 6.1 | 6.0 | 6.4 | 5.9 | 5.8 | 5.8 |
| G170.0 | 6.0 | 6.1 | 6.2 | 6.0 | 6.1 | 6.1 | 6.7 | 6.1 | 5.9 | 6.1 |
| G171.0 | 6.1 | 6.2 | 6.2 | 6.2 | 6.3 | 6.2 | 6.7 | 5.9 | 5.8 | 6.1 |
| G172.0 | 5.9 | 6.4 | 6.4 | 6.4 | 6.3 | 6.3 | 7.0 | 6.1 | 6.1 | 6.2 |
| G173.0 | 6.1 | 6.5 | 6.3 | 6.1 | 6.2 | 6.3 | 7.0 | 6.2 | 6.1 | 6.3 |
| G174.0 | 6.1 | 6.7 | 6.2 | 6.5 | 6.2 | 6.2 | 7.1 | 6.0 | 6.1 | 6.2 |
| G175.0 | 6.1 | 6.5 | 6.7 | 6.3 | 6.4 | 6.5 | 7.1 | 6.4 | 6.2 | 6.4 |
| G176.0 | 6.2 | 6.4 | 6.4 | 6.5 | 6.3 | 6.3 | 7.1 | 6.4 | 6.1 | 6.4 |
| G177.0 | 6.2 | 6.5 | 6.5 | 6.5 | 6.3 | 6.6 | 7.0 | 6.2 | 6.1 | 6.5 |
| G178.0 | 6.4 | 6.7 | 6.5 | 6.4 | 6.6 | 6.6 | 7.1 | 6.3 | 6.4 | 6.7 |
| G179.0 | 6.3 | 6.8 | 6.5 | 6.5 | 6.6 | 6.5 | 7.3 | 6.5 | 6.2 | 6.5 |
| G180.0 | 6.4 | 6.8 | 6.7 | 6.4 | 6.4 | 6.6 | 7.6 | 6.6 | 6.2 | 6.7 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

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 5)

Unit: cd

| | | | | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
| G0.0 | 1933.1 | 1933.1 | 1933.1 | 1933.1 | 1933.1 | 1933.1 | 1933.1 | | | |
| G1.0 | 1941.4 | 1934.9 | 1930.0 | 1933.8 | 1940.5 | 1944.3 | 1921.7 | | | |
| G2.0 | 1949.7 | 1929.5 | 1923.8 | 1930.5 | 1947.4 | 1961.6 | 1921.4 | | | |
| G3.0 | 1958.4 | 1924.9 | 1914.6 | 1925.1 | 1957.5 | 1980.1 | 1931.6 | | | |
| G4.0 | 1966.8 | 1918.5 | 1900.6 | 1914.9 | 1965.8 | 2004.0 | 1948.3 | | | |
| G5.0 | 1972.2 | 1909.4 | 1884.5 | 1905.6 | 1977.0 | 2029.3 | 1972.4 | | | |
| G6.0 | 1977.3 | 1899.4 | 1865.9 | 1896.9 | 1986.4 | 2055.2 | 2000.0 | | | |
| G7.0 | 1979.1 | 1887.0 | 1842.3 | 1886.3 | 1996.2 | 2076.3 | 2030.3 | | | |
| G8.0 | 1980.6 | 1875.1 | 1819.5 | 1875.9 | 2001.7 | 2093.9 | 2060.1 | | | |
| G9.0 | 1983.5 | 1861.0 | 1796.0 | 1863.9 | 2006.4 | 2107.4 | 2087.1 | | | |
| G10.0 | 1982.5 | 1846.1 | 1771.9 | 1851.4 | 2008.6 | 2109.3 | 2114.2 | | | |
| G11.0 | 1977.8 | 1830.0 | 1740.7 | 1835.6 | 2008.4 | 2107.0 | 2129.8 | | | |
| G12.0 | 1969.1 | 1811.4 | 1711.5 | 1821.5 | 2002.5 | 2097.7 | 2134.3 | | | |
| G13.0 | 1958.0 | 1791.7 | 1681.8 | 1805.3 | 1994.3 | 2082.4 | 2132.3 | | | |
| G14.0 | 1940.7 | 1766.2 | 1652.4 | 1787.0 | 1983.7 | 2067.0 | 2119.9 | | | |
| G15.0 | 1921.8 | 1741.6 | 1621.1 | 1763.0 | 1968.7 | 2048.6 | 2095.9 | | | |
| G16.0 | 1898.4 | 1714.8 | 1591.7 | 1735.2 | 1947.5 | 2005.6 | 2069.1 | | | |
| G17.0 | 1869.8 | 1683.5 | 1562.0 | 1705.0 | 1924.1 | 1953.7 | 2021.6 | | | |
| G18.0 | 1836.7 | 1652.5 | 1532.3 | 1674.9 | 1894.4 | 1894.2 | 1957.2 | | | |
| G19.0 | 1796.5 | 1620.6 | 1498.9 | 1639.9 | 1855.6 | 1829.0 | 1892.7 | | | |
| G20.0 | 1748.2 | 1588.7 | 1471.1 | 1607.1 | 1798.0 | 1754.4 | 1816.8 | | | |
| G21.0 | 1689.5 | 1550.1 | 1443.0 | 1571.8 | 1739.9 | 1679.7 | 1746.4 | | | |
| G22.0 | 1631.9 | 1517.1 | 1411.8 | 1536.0 | 1678.6 | 1601.5 | 1673.1 | | | |
| G23.0 | 1574.5 | 1484.2 | 1382.4 | 1496.8 | 1618.0 | 1526.8 | 1594.5 | | | |
| G24.0 | 1516.8 | 1451.8 | 1351.6 | 1463.9 | 1556.2 | 1451.6 | 1519.4 | | | |
| G25.0 | 1469.6 | 1417.8 | 1316.5 | 1430.0 | 1500.2 | 1391.9 | 1446.1 | | | |
| G26.0 | 1423.6 | 1382.1 | 1284.6 | 1393.4 | 1444.6 | 1335.1 | 1386.7 | | | |
| G27.0 | 1375.2 | 1343.3 | 1250.7 | 1350.2 | 1388.7 | 1281.1 | 1332.0 | | | |
| G28.0 | 1326.2 | 1299.9 | 1214.9 | 1306.0 | 1327.6 | 1229.7 | 1281.7 | | | |
| G29.0 | 1272.8 | 1250.0 | 1178.7 | 1258.6 | 1273.1 | 1186.8 | 1229.4 | | | |
| G30.0 | 1222.2 | 1200.9 | 1134.5 | 1202.4 | 1220.7 | 1144.3 | 1186.6 | | | |
| G31.0 | 1174.9 | 1150.4 | 1093.5 | 1149.8 | 1164.4 | 1098.8 | 1147.1 | | | |
| G32.0 | 1123.7 | 1098.7 | 1050.9 | 1098.1 | 1115.6 | 1057.4 | 1107.3 | | | |
| G33.0 | 1081.0 | 1044.6 | 1006.5 | 1048.3 | 1069.3 | 1015.8 | 1065.6 | | | |
| G34.0 | 1037.7 | 996.4 | 958.7 | 994.8 | 1024.1 | 974.4 | 1022.6 | | | |
| G35.0 | 989.5 | 946.7 | 912.6 | 945.7 | 975.6 | 926.2 | 974.8 | | | |
| G36.0 | 945.4 | 892.6 | 864.6 | 893.4 | 929.8 | 881.4 | 929.3 | | | |

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 6)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G37.0 | 899.1 | 841.8 | 817.1 | 842.0 | 884.8 | 836.5 | 882.8 | | | |
| G38.0 | 854.1 | 791.5 | 763.8 | 791.6 | 840.4 | 793.3 | 834.7 | | | |
| G39.0 | 808.3 | 743.7 | 717.7 | 737.9 | 791.6 | 751.8 | 790.1 | | | |
| G40.0 | 759.1 | 689.7 | 670.6 | 689.7 | 747.9 | 706.5 | 741.4 | | | |
| G41.0 | 713.3 | 642.8 | 620.0 | 643.3 | 703.0 | 666.1 | 700.7 | | | |
| G42.0 | 669.0 | 597.1 | 574.7 | 597.1 | 660.4 | 626.8 | 661.3 | | | |
| G43.0 | 625.2 | 554.1 | 532.6 | 549.6 | 613.7 | 589.1 | 622.8 | | | |
| G44.0 | 579.6 | 509.3 | 492.7 | 509.5 | 574.1 | 549.0 | 585.5 | | | |
| G45.0 | 539.9 | 471.4 | 450.1 | 471.6 | 534.7 | 515.9 | 548.5 | | | |
| G46.0 | 501.8 | 435.1 | 414.0 | 432.4 | 496.8 | 483.7 | 517.0 | | | |
| G47.0 | 466.1 | 401.7 | 380.4 | 399.1 | 458.1 | 453.7 | 486.1 | | | |
| G48.0 | 430.5 | 370.9 | 349.5 | 369.1 | 425.7 | 423.0 | 454.5 | | | |
| G49.0 | 400.0 | 340.2 | 319.1 | 342.0 | 395.6 | 396.7 | 427.1 | | | |
| G50.0 | 370.8 | 314.1 | 293.6 | 313.3 | 364.0 | 372.4 | 401.9 | | | |
| G51.0 | 341.0 | 290.3 | 270.0 | 289.8 | 337.2 | 346.9 | 378.7 | | | |
| G52.0 | 316.3 | 268.8 | 248.9 | 268.0 | 313.1 | 324.9 | 356.5 | | | |
| G53.0 | 294.0 | 247.1 | 228.9 | 248.7 | 291.0 | 304.2 | 333.1 | | | |
| G54.0 | 273.5 | 229.3 | 211.8 | 229.5 | 269.6 | 286.2 | 312.7 | | | |
| G55.0 | 252.2 | 213.2 | 196.0 | 213.0 | 250.6 | 265.2 | 293.7 | | | |
| G56.0 | 233.9 | 195.9 | 182.0 | 197.8 | 232.5 | 246.9 | 275.6 | | | |
| G57.0 | 216.8 | 182.4 | 166.8 | 183.6 | 216.5 | 229.6 | 255.2 | | | |
| G58.0 | 201.4 | 169.4 | 154.9 | 171.1 | 201.0 | 213.4 | 236.6 | | | |
| G59.0 | 187.3 | 157.6 | 144.4 | 157.9 | 184.9 | 195.7 | 219.1 | | | |
| G60.0 | 172.6 | 145.0 | 133.3 | 146.9 | 171.9 | 180.3 | 201.8 | | | |
| G61.0 | 160.0 | 135.0 | 124.4 | 136.2 | 159.4 | 165.1 | 183.9 | | | |
| G62.0 | 147.5 | 124.8 | 114.2 | 125.2 | 147.3 | 151.5 | 169.1 | | | |
| G63.0 | 136.8 | 115.9 | 104.8 | 115.5 | 135.1 | 138.6 | 154.3 | | | |
| G64.0 | 125.2 | 105.7 | 95.5 | 106.3 | 124.9 | 125.3 | 142.0 | | | |
| G65.0 | 114.9 | 96.3 | 86.5 | 97.1 | 114.8 | 113.8 | 129.1 | | | |
| G66.0 | 105.7 | 87.1 | 79.3 | 87.3 | 105.0 | 103.4 | 116.7 | | | |
| G67.0 | 96.8 | 79.1 | 72.5 | 79.1 | 95.3 | 93.6 | 106.4 | | | |
| G68.0 | 87.5 | 72.1 | 66.2 | 71.7 | 86.8 | 83.9 | 96.5 | | | |
| G69.0 | 79.5 | 65.0 | 60.1 | 64.8 | 78.4 | 75.9 | 87.2 | | | |
| G70.0 | 71.2 | 58.5 | 54.6 | 58.0 | 69.8 | 67.9 | 78.4 | | | |
| G71.0 | 63.1 | 52.7 | 49.6 | 51.9 | 61.6 | 60.4 | 70.8 | | | |
| G72.0 | 54.9 | 47.4 | 44.9 | 45.8 | 53.9 | 53.1 | 63.9 | | | |
| G73.0 | 48.3 | 41.8 | 39.9 | 41.3 | 47.1 | 47.0 | 57.0 | | | |

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 7)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G74.0 | 42.4 | 37.2 | 35.4 | 36.1 | 40.5 | 41.6 | 50.7 | | | |
| G75.0 | 36.5 | 32.8 | 31.0 | 31.3 | 34.7 | 35.6 | 44.4 | | | |
| G76.0 | 30.7 | 27.8 | 26.7 | 27.1 | 29.5 | 30.5 | 39.3 | | | |
| G77.0 | 26.1 | 23.7 | 22.2 | 22.9 | 24.8 | 25.7 | 33.9 | | | |
| G78.0 | 22.0 | 20.0 | 18.7 | 18.8 | 20.5 | 21.9 | 29.4 | | | |
| G79.0 | 17.9 | 16.7 | 15.1 | 15.4 | 16.5 | 17.4 | 24.3 | | | |
| G80.0 | 14.5 | 13.2 | 11.7 | 12.4 | 13.2 | 13.8 | 20.0 | | | |
| G81.0 | 11.3 | 10.3 | 9.2 | 9.8 | 10.6 | 10.7 | 16.5 | | | |
| G82.0 | 8.6 | 7.7 | 7.0 | 7.5 | 7.9 | 7.8 | 13.2 | | | |
| G83.0 | 6.2 | 5.9 | 5.0 | 5.2 | 5.5 | 5.6 | 9.6 | | | |
| G84.0 | 4.3 | 3.9 | 3.7 | 3.9 | 4.0 | 3.6 | 7.4 | | | |
| G85.0 | 3.0 | 2.7 | 2.3 | 2.5 | 3.0 | 2.1 | 5.1 | | | |
| G86.0 | 2.1 | 1.6 | 1.0 | 1.4 | 2.1 | 1.1 | 3.3 | | | |
| G87.0 | 1.2 | 1.0 | 0.6 | 0.7 | 1.4 | 0.5 | 1.7 | | | |
| G88.0 | 0.8 | 0.8 | 0.4 | 0.6 | 1.1 | 0.2 | 1.1 | | | |
| G89.0 | 0.4 | 0.4 | 0.2 | 0.4 | 0.9 | 0.0 | 0.4 | | | |
| G90.0 | 0.4 | 0.3 | 0.0 | 0.2 | 0.8 | 0.1 | 0.1 | | | |
| G91.0 | 0.4 | 0.1 | 0.0 | 0.1 | 0.8 | 0.1 | 0.1 | | | |
| G92.0 | 0.4 | 0.2 | 0.0 | 0.1 | 0.8 | 0.0 | 0.1 | | | |
| G93.0 | 0.4 | 0.1 | 0.0 | 0.1 | 0.7 | 0.1 | 0.0 | | | |
| G94.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | 0.1 | | | |
| G95.0 | 0.2 | 0.1 | 0.1 | 0.2 | 0.7 | 0.0 | 0.0 | | | |
| G96.0 | 0.2 | 0.1 | 0.1 | 0.0 | 0.6 | 0.1 | 0.1 | | | |
| G97.0 | 0.3 | 0.1 | 0.0 | 0.0 | 0.5 | 0.1 | 0.2 | | | |
| G98.0 | 0.3 | 0.0 | 0.0 | 0.1 | 0.7 | 0.0 | 0.1 | | | |
| G99.0 | 0.3 | 0.1 | 0.0 | 0.1 | 0.8 | 0.2 | 0.0 | | | |
| G100.0 | 0.3 | 0.1 | 0.2 | 0.0 | 0.8 | 0.1 | 0.1 | | | |
| G101.0 | 0.4 | 0.1 | 0.0 | 0.3 | 0.9 | 0.0 | 0.1 | | | |
| G102.0 | 0.2 | 0.1 | 0.2 | 0.2 | 0.9 | 0.3 | 0.0 | | | |
| G103.0 | 0.4 | 0.2 | 0.1 | 0.2 | 0.8 | 0.2 | 0.2 | | | |
| G104.0 | 0.1 | 0.2 | 0.2 | 0.2 | 1.1 | 0.3 | 0.1 | | | |
| G105.0 | 0.4 | 0.2 | 0.2 | 0.2 | 0.8 | 0.2 | 0.4 | | | |
| G106.0 | 0.6 | 0.2 | 0.0 | 0.3 | 1.0 | 0.4 | 0.2 | | | |
| G107.0 | 0.5 | 0.2 | 0.1 | 0.3 | 1.0 | 0.2 | 0.3 | | | |
| G108.0 | 0.4 | 0.2 | 0.1 | 0.4 | 1.1 | 0.5 | 0.4 | | | |
| G109.0 | 0.5 | 0.3 | 0.2 | 0.2 | 1.1 | 0.4 | 0.2 | | | |
| G110.0 | 0.5 | 0.3 | 0.2 | 0.4 | 0.7 | 0.5 | 0.2 | | | |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Candlepower Table (Continue 8)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G111.0 | 0.2 | 0.0 | 0.5 | 0.5 | 1.2 | 0.5 | 0.2 | | | |
| G112.0 | 0.0 | 0.2 | 0.2 | 0.5 | 1.1 | 0.6 | 0.5 | | | |
| G113.0 | 0.5 | 0.4 | 0.3 | 0.4 | 1.4 | 0.7 | 0.5 | | | |
| G114.0 | 0.6 | 0.5 | 0.4 | 0.6 | 0.8 | 0.7 | 0.1 | | | |
| G115.0 | 0.7 | 0.5 | 0.5 | 0.5 | 1.3 | 0.8 | 0.5 | | | |
| G116.0 | 0.9 | 0.4 | 0.5 | 0.5 | 1.4 | 0.7 | 0.8 | | | |
| G117.0 | 0.8 | 0.6 | 0.4 | 0.6 | 1.4 | 0.8 | 0.8 | | | |
| G118.0 | 0.6 | 0.7 | 0.1 | 0.8 | 1.4 | 0.8 | 0.7 | | | |
| G119.0 | 0.8 | 0.8 | 0.5 | 0.6 | 1.6 | 0.9 | 0.9 | | | |
| G120.0 | 1.1 | 0.9 | 0.4 | 0.8 | 1.3 | 1.1 | 0.9 | | | |
| G121.0 | 0.9 | 0.7 | 0.7 | 0.8 | 1.5 | 1.0 | 0.7 | | | |
| G122.0 | 1.2 | 0.8 | 0.7 | 0.9 | 1.7 | 1.2 | 0.9 | | | |
| G123.0 | 1.2 | 0.8 | 0.8 | 0.9 | 1.8 | 1.0 | 1.2 | | | |
| G124.0 | 1.1 | 1.1 | 0.9 | 0.9 | 1.8 | 1.4 | 1.1 | | | |
| G125.0 | 1.4 | 1.1 | 0.7 | 0.8 | 1.7 | 1.3 | 1.4 | | | |
| G126.0 | 1.3 | 1.1 | 1.0 | 1.1 | 1.8 | 1.5 | 1.5 | | | |
| G127.0 | 1.5 | 1.2 | 1.2 | 1.4 | 2.1 | 1.4 | 1.4 | | | |
| G128.0 | 1.7 | 1.4 | 1.3 | 1.3 | 2.2 | 1.6 | 1.4 | | | |
| G129.0 | 1.8 | 1.5 | 1.4 | 1.3 | 2.2 | 1.6 | 1.6 | | | |
| G130.0 | 1.6 | 1.5 | 1.3 | 1.5 | 2.2 | 1.7 | 1.7 | | | |
| G131.0 | 1.8 | 1.5 | 1.2 | 1.7 | 2.4 | 1.4 | 1.8 | | | |
| G132.0 | 1.9 | 1.6 | 1.6 | 1.7 | 2.6 | 1.6 | 2.0 | | | |
| G133.0 | 2.1 | 1.8 | 1.7 | 1.7 | 2.7 | 2.0 | 2.1 | | | |
| G134.0 | 2.1 | 1.8 | 1.9 | 1.8 | 2.6 | 2.0 | 2.3 | | | |
| G135.0 | 2.0 | 2.0 | 1.9 | 1.7 | 2.8 | 2.3 | 2.2 | | | |
| G136.0 | 2.3 | 2.3 | 1.9 | 2.1 | 2.9 | 2.1 | 2.1 | | | |
| G137.0 | 2.3 | 2.1 | 2.0 | 2.3 | 2.9 | 2.4 | 2.2 | | | |
| G138.0 | 2.4 | 2.0 | 2.2 | 2.5 | 3.2 | 2.6 | 2.6 | | | |
| G139.0 | 2.6 | 2.5 | 2.3 | 2.2 | 3.2 | 2.7 | 2.7 | | | |
| G140.0 | 2.9 | 2.4 | 2.4 | 2.4 | 3.5 | 2.6 | 2.9 | | | |
| G141.0 | 2.9 | 2.7 | 2.5 | 2.7 | 3.5 | 3.0 | 2.9 | | | |
| G142.0 | 2.9 | 2.7 | 2.4 | 2.7 | 3.6 | 3.0 | 3.0 | | | |
| G143.0 | 3.2 | 2.9 | 2.6 | 2.9 | 3.7 | 3.2 | 3.1 | | | |
| G144.0 | 3.2 | 3.0 | 2.8 | 3.1 | 3.7 | 3.0 | 3.2 | | | |
| G145.0 | 3.3 | 3.1 | 2.8 | 2.9 | 3.8 | 3.4 | 3.6 | | | |
| G146.0 | 3.5 | 3.1 | 3.2 | 3.3 | 4.0 | 3.6 | 3.4 | | | |
| G147.0 | 3.6 | 3.3 | 3.3 | 3.2 | 4.2 | 3.8 | 3.6 | | | |

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 9)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G148.0 | 3.6 | 3.3 | 3.4 | 3.6 | 4.1 | 3.8 | 3.7 | | | |
| G149.0 | 3.9 | 3.6 | 3.6 | 3.4 | 4.2 | 3.9 | 3.8 | | | |
| G150.0 | 3.7 | 3.8 | 3.6 | 3.5 | 4.3 | 4.1 | 4.1 | | | |
| G151.0 | 4.1 | 3.8 | 3.9 | 4.0 | 4.7 | 4.0 | 4.2 | | | |
| G152.0 | 4.1 | 3.9 | 4.0 | 4.0 | 4.7 | 4.2 | 4.3 | | | |
| G153.0 | 4.4 | 4.3 | 3.8 | 4.0 | 4.8 | 4.3 | 4.3 | | | |
| G154.0 | 4.5 | 4.2 | 4.2 | 4.2 | 4.8 | 4.4 | 4.5 | | | |
| G155.0 | 4.5 | 4.2 | 4.2 | 4.1 | 5.1 | 4.6 | 4.7 | | | |
| G156.0 | 4.7 | 4.4 | 4.4 | 4.4 | 5.3 | 4.8 | 4.6 | | | |
| G157.0 | 4.8 | 4.5 | 4.5 | 4.6 | 5.3 | 4.7 | 4.9 | | | |
| G158.0 | 4.9 | 4.7 | 4.8 | 4.3 | 5.6 | 4.8 | 4.7 | | | |
| G159.0 | 5.1 | 4.9 | 4.9 | 4.8 | 5.6 | 5.1 | 5.0 | | | |
| G160.0 | 5.4 | 5.1 | 4.9 | 4.9 | 5.7 | 5.0 | 5.0 | | | |
| G161.0 | 5.1 | 5.1 | 5.1 | 5.1 | 5.8 | 5.1 | 5.0 | | | |
| G162.0 | 5.3 | 5.1 | 5.3 | 5.1 | 5.8 | 5.1 | 5.2 | | | |
| G163.0 | 5.6 | 5.3 | 5.2 | 5.4 | 5.9 | 5.3 | 5.4 | | | |
| G164.0 | 5.6 | 5.2 | 5.4 | 5.5 | 6.1 | 5.5 | 5.5 | | | |
| G165.0 | 5.6 | 5.4 | 5.8 | 5.6 | 6.1 | 5.6 | 5.3 | | | |
| G166.0 | 5.7 | 5.5 | 5.5 | 5.6 | 6.1 | 5.4 | 5.6 | | | |
| G167.0 | 6.0 | 5.7 | 5.6 | 5.8 | 6.1 | 5.7 | 5.6 | | | |
| G168.0 | 5.9 | 5.7 | 5.7 | 5.8 | 6.2 | 5.8 | 5.8 | | | |
| G169.0 | 6.0 | 5.8 | 6.0 | 6.0 | 6.5 | 5.9 | 5.6 | | | |
| G170.0 | 6.2 | 6.0 | 6.0 | 6.0 | 6.5 | 5.7 | 6.0 | | | |
| G171.0 | 6.2 | 6.2 | 6.0 | 5.9 | 6.7 | 5.9 | 6.1 | | | |
| G172.0 | 6.2 | 6.0 | 6.3 | 6.1 | 6.7 | 6.0 | 5.9 | | | |
| G173.0 | 6.4 | 6.2 | 6.1 | 6.2 | 6.8 | 6.2 | 6.1 | | | |
| G174.0 | 6.4 | 6.3 | 6.3 | 6.3 | 6.9 | 6.2 | 6.1 | | | |
| G175.0 | 6.3 | 6.3 | 6.4 | 6.3 | 6.8 | 6.3 | 6.1 | | | |
| G176.0 | 6.5 | 6.1 | 6.4 | 6.5 | 7.0 | 6.4 | 6.2 | | | |
| G177.0 | 6.5 | 6.5 | 6.6 | 6.4 | 7.2 | 6.5 | 6.2 | | | |
| G178.0 | 6.6 | 6.5 | 6.6 | 6.4 | 7.2 | 6.6 | 6.4 | | | |
| G179.0 | 6.6 | 6.6 | 6.4 | 6.5 | 7.2 | 6.2 | 6.3 | | | |
| G180.0 | 6.6 | 6.4 | 6.5 | 6.5 | 6.9 | 6.5 | 6.4 | | | |
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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: