Report No.: Test Time: 2024/3/21 星期四 23:48

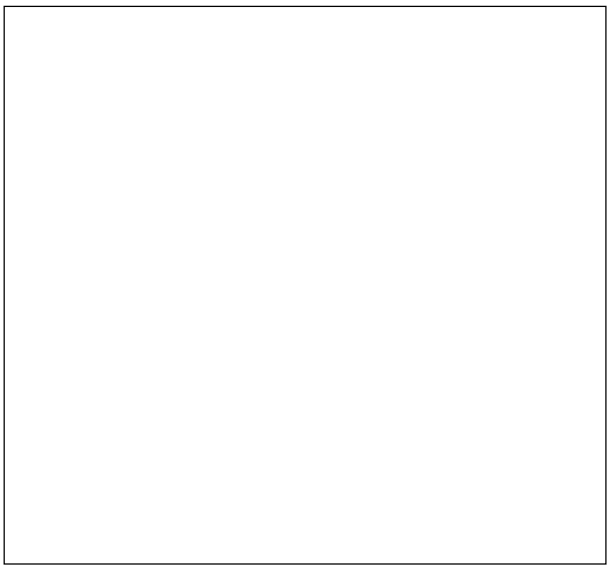
# Luminaire Property

Luminaire Manufacturer:
Number of Lamps: 1
Lumens per Lamp: 10378.0 lm
Luminous Length (mm): 0 mm
Luminous Width (mm): 0 mm
Luminous Height (mm): 0 mm
Voltage: 120.0 V
Current: 0.647 A
Power: 80.00 W
Power Factor: 0.994

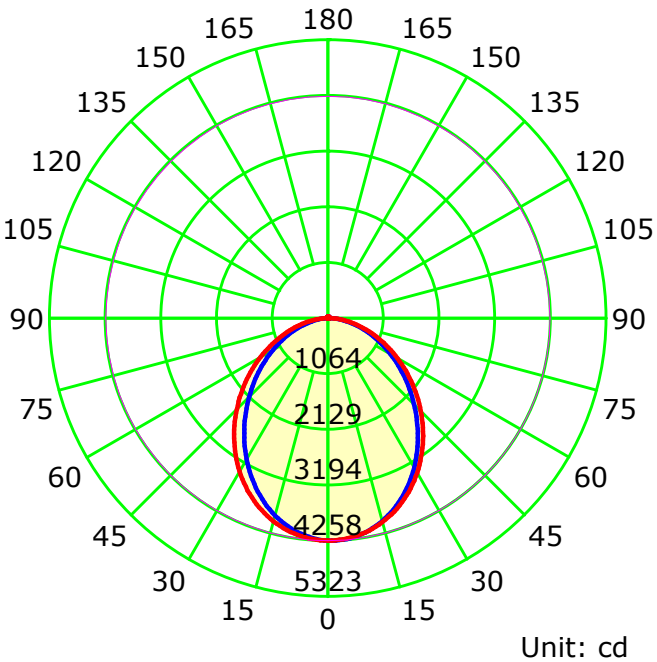
# Photometric Results

CIE Class: Direct
Total Rated Lamp Lumens: 10378.0 lm
Measurement Flux: 10378.1 lm
Efficiency: 100.00%
Downward Ratio: 99.17%
Upward Ratio: 0.83%
Horizontal Diffuse Angle(10%,50%): H154.2,H93.2
Vertical Diffuse Angle(10%,50%): V158.6,V101.1
Luminaire Efficacy Rating (LER): 129.78
Central Intensity: 4254.72 cd
Max. Intensity: 4258.86 cd
Pos of Max. Intensity: H0 V2
S/MH(C0/C180): 1.14
S/MH(C90/C270): 1.19

Picture Of Luminaire



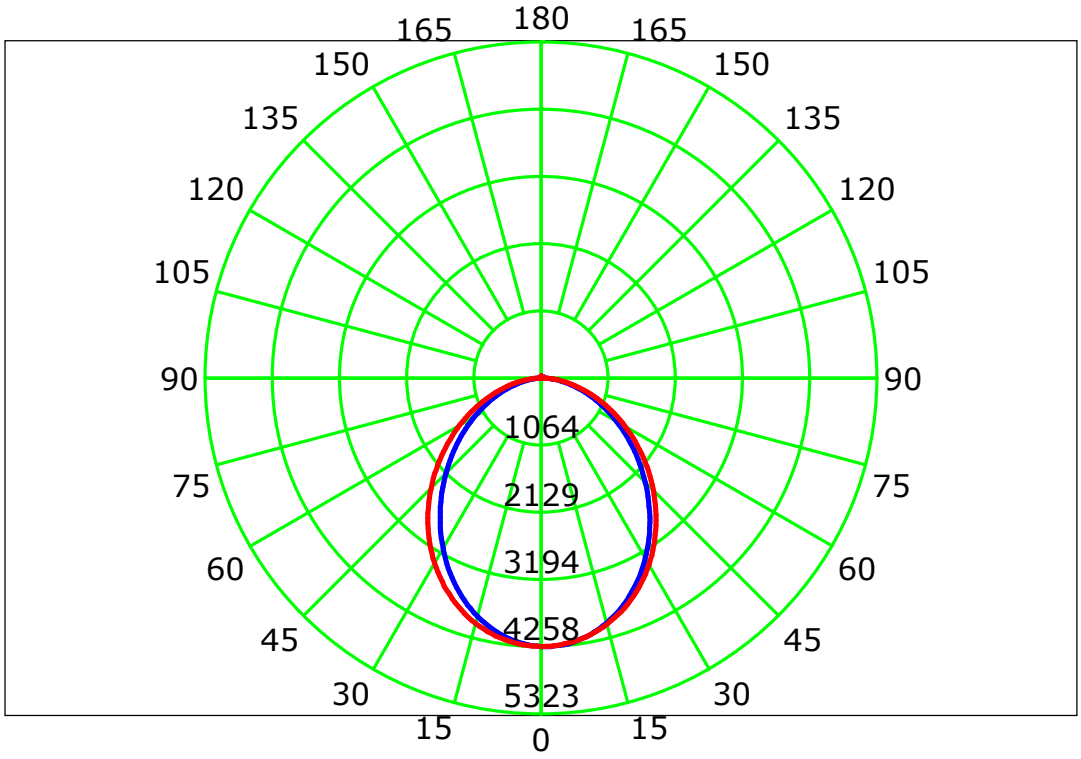
Luminous Intensity Distribution Curve

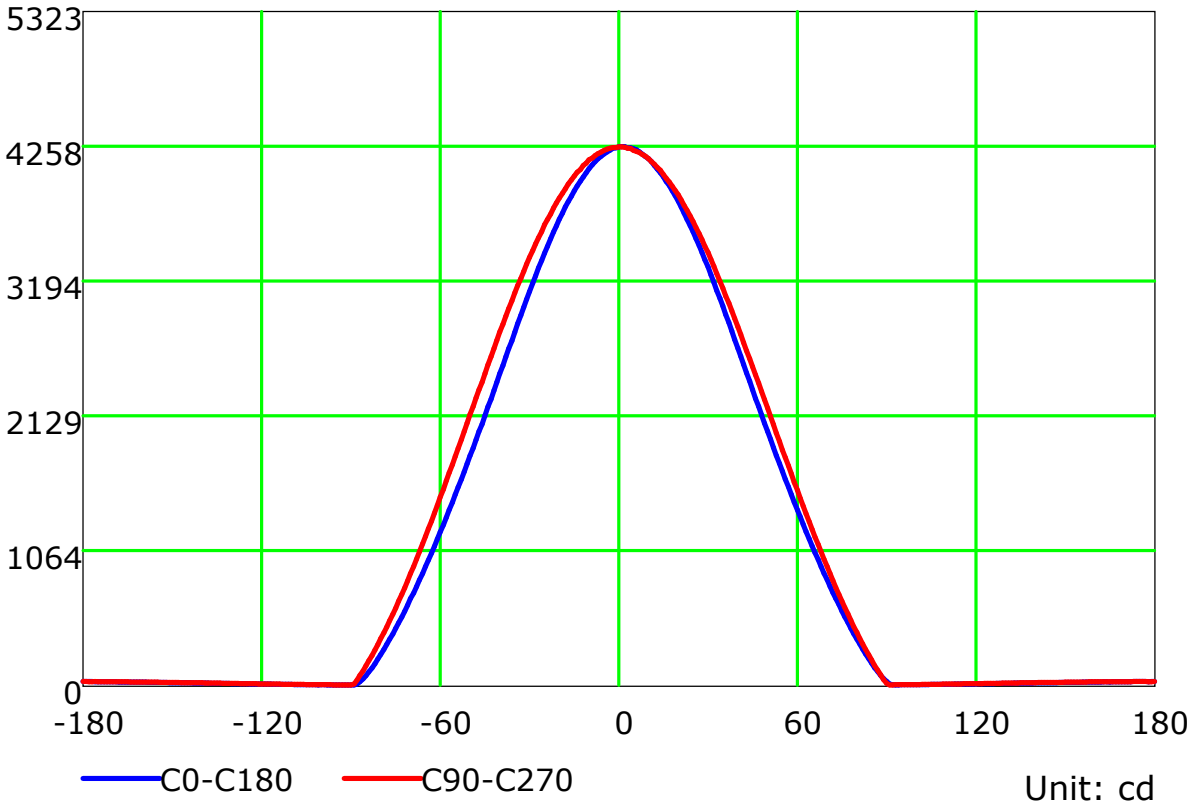



Unit: cd
Average Diffuse Angle(50%): 97.2°
C0-C180 C90-C270 G2

C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab:
Test Device: GPM-1800B
Test Type: TYPE C
Distance: 8.190 m
Temperature:
Humidity:
Operator:
Inspector:

# Luminous Intensity Distribution Curve

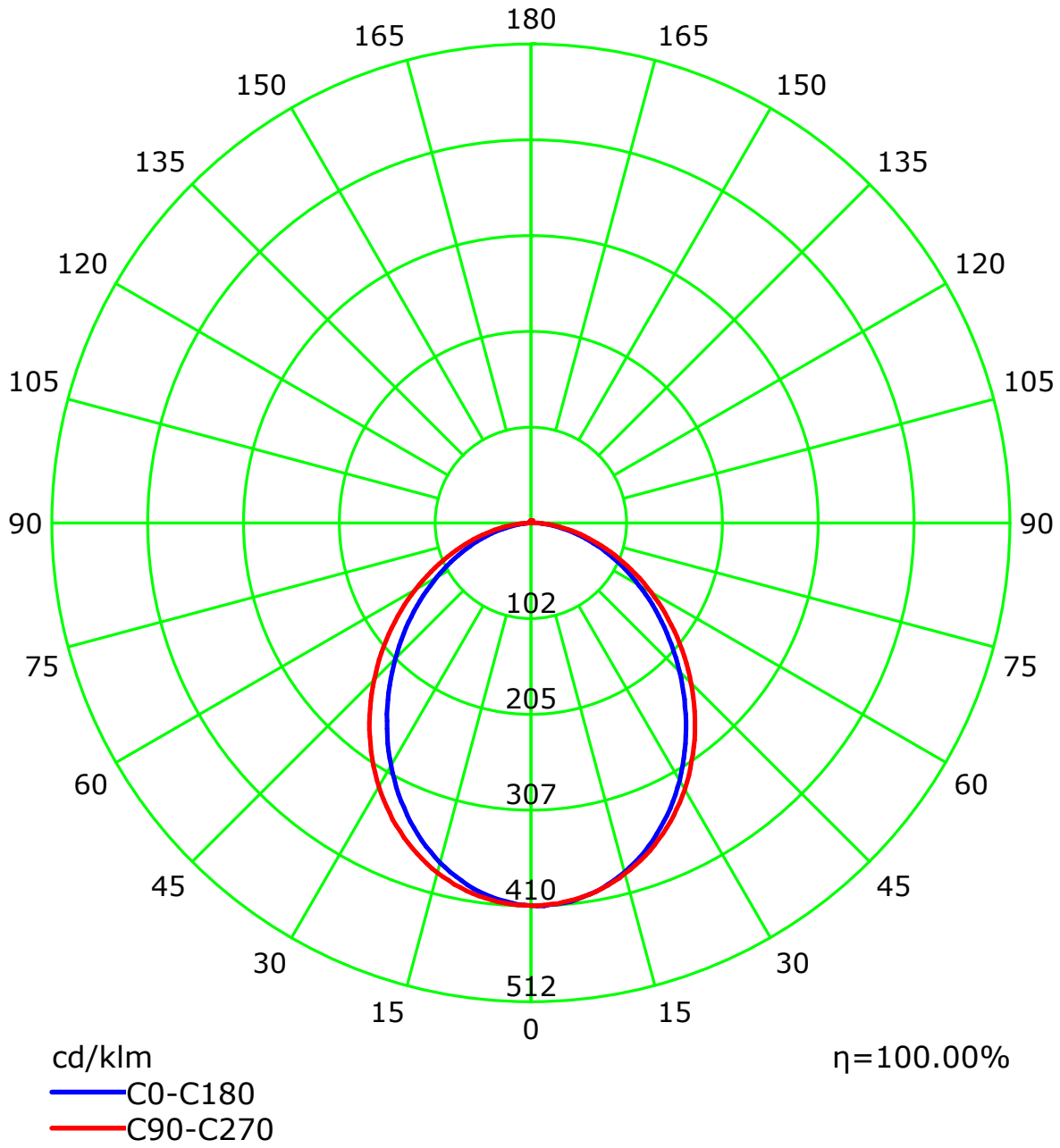



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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:

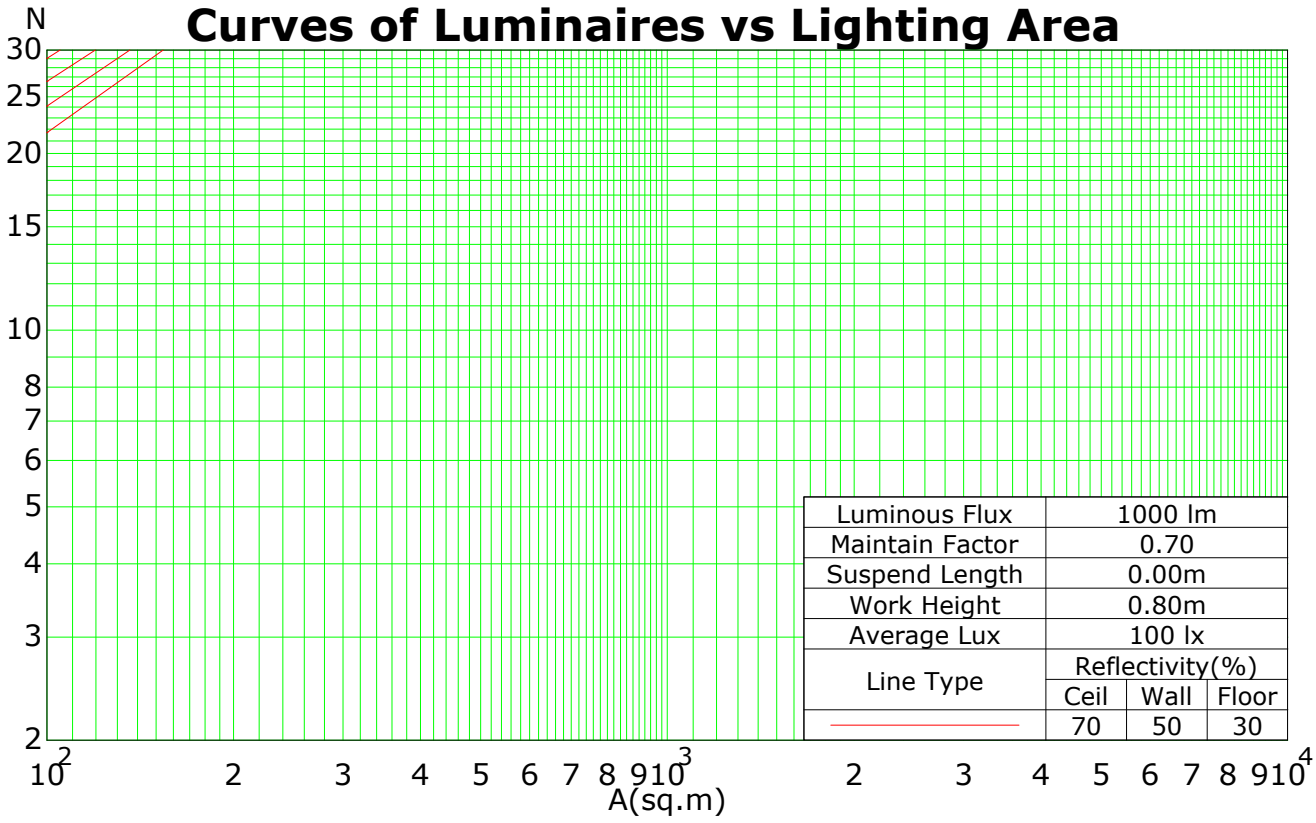
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

# 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 | 101 | 101 | 101 | 99 |
| 1 | 109 | 104 | 100 | 97 | 106 | 102 | 98 | 95 | 98 | 95 | 92 | 94 | 91 | 89 | 90 | 88 | 86 | 84 |
| 2 | 100 | 92 | 85 | 80 | 97 | 90 | 84 | 79 | 86 | 81 | 77 | 83 | 79 | 75 | 80 | 76 | 73 | 71 |
| 3 | 91 | 81 | 73 | 67 | 89 | 79 | 72 | 66 | 76 | 70 | 65 | 73 | 68 | 64 | 71 | 66 | 63 | 60 |
| 4 | 84 | 72 | 64 | 57 | 81 | 71 | 63 | 57 | 68 | 61 | 56 | 66 | 60 | 55 | 64 | 58 | 54 | 52 |
| 5 | 77 | 65 | 56 | 50 | 75 | 64 | 55 | 49 | 61 | 54 | 49 | 59 | 53 | 48 | 57 | 52 | 47 | 45 |
| 6 | 71 | 59 | 50 | 44 | 70 | 58 | 49 | 43 | 56 | 48 | 43 | 54 | 47 | 42 | 52 | 47 | 42 | 40 |
| 7 | 66 | 53 | 45 | 39 | 65 | 52 | 44 | 39 | 51 | 44 | 38 | 49 | 43 | 38 | 48 | 42 | 38 | 36 |
| 8 | 62 | 49 | 40 | 35 | 60 | 48 | 40 | 35 | 47 | 39 | 34 | 45 | 39 | 34 | 44 | 38 | 34 | 32 |
| 9 | 58 | 45 | 37 | 31 | 57 | 44 | 37 | 31 | 43 | 36 | 31 | 42 | 35 | 31 | 41 | 35 | 31 | 29 |
| 10 | 54 | 41 | 34 | 29 | 53 | 41 | 33 | 28 | 40 | 33 | 28 | 39 | 33 | 28 | 38 | 32 | 28 | 26 |

Spacing Criteria (0-180): 1.14
Spacing Criteria (90-270): 1.19
Spacing Criteria (Diagonal): 1.27

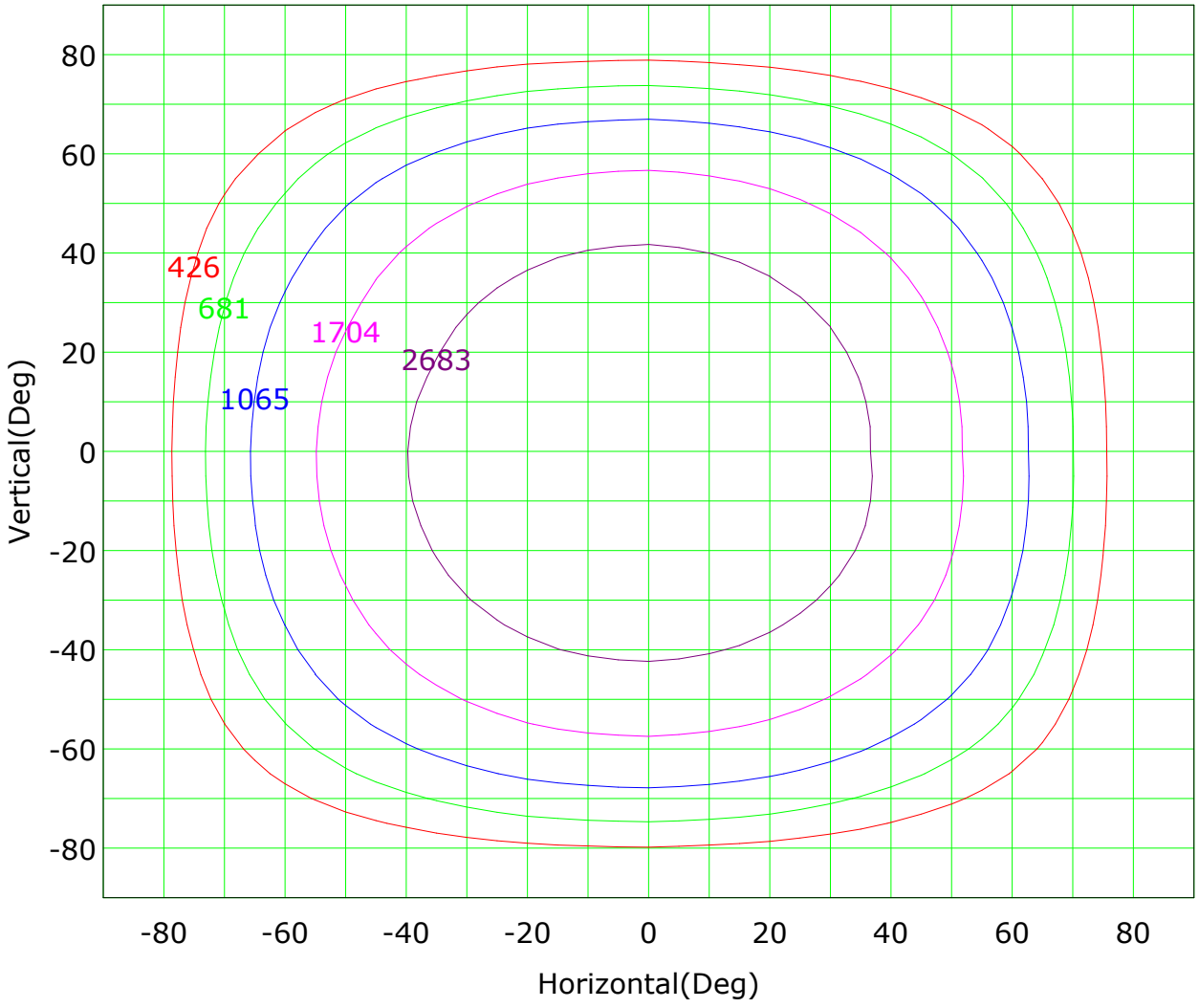
# Curves of Luminaires vs Lighting Area




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

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

# Isocandela (rectangle)

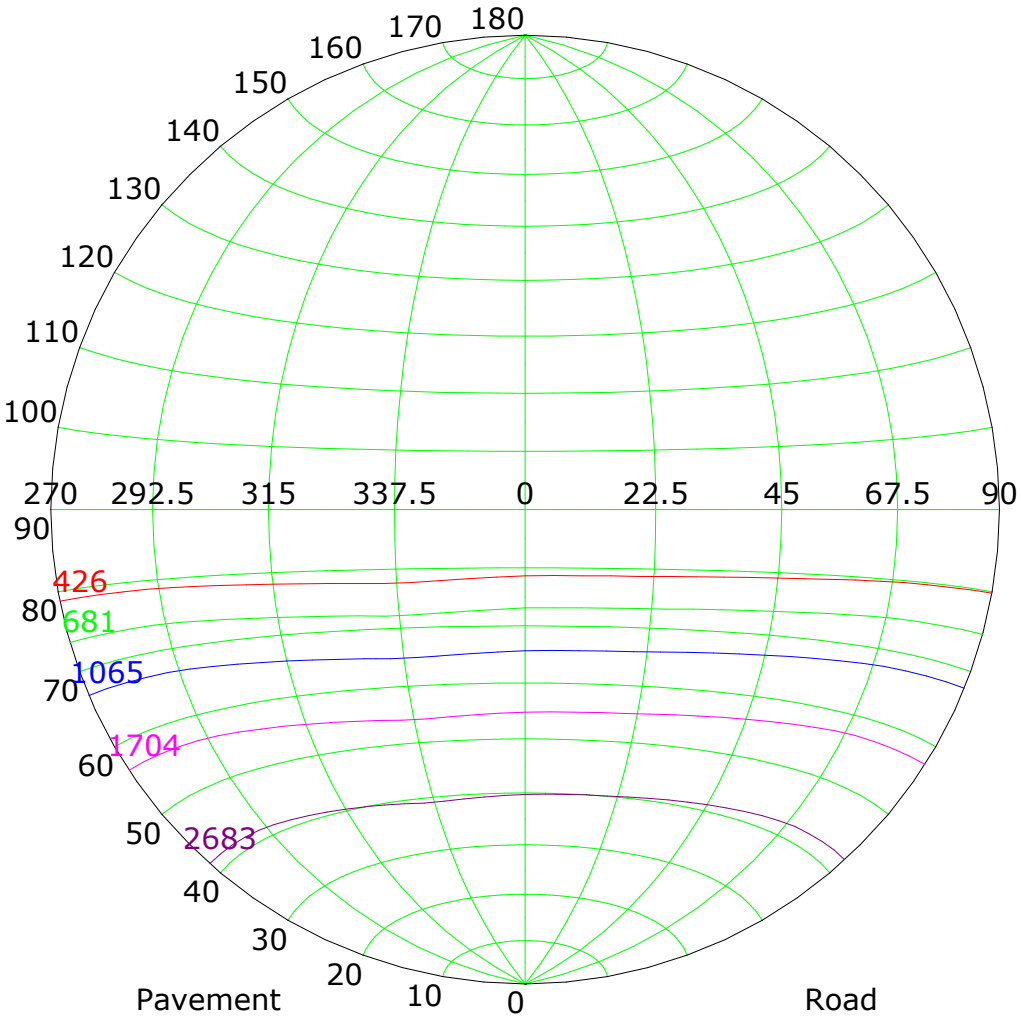



Imax (100%): 4259 cd

( 10%): 426 cd
( 16%): 681 cd
( 25%): 1065 cd
( 40%): 1704 cd
( 63%): 2683 cd
(100%): 4259 cd

C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab:
Test Device: GPM-1800B
Test Type: TYPE C
Distance: 8.190 m
Temperature:
Humidity:
Operator:
Inspector:

# Isocandela (sphere)



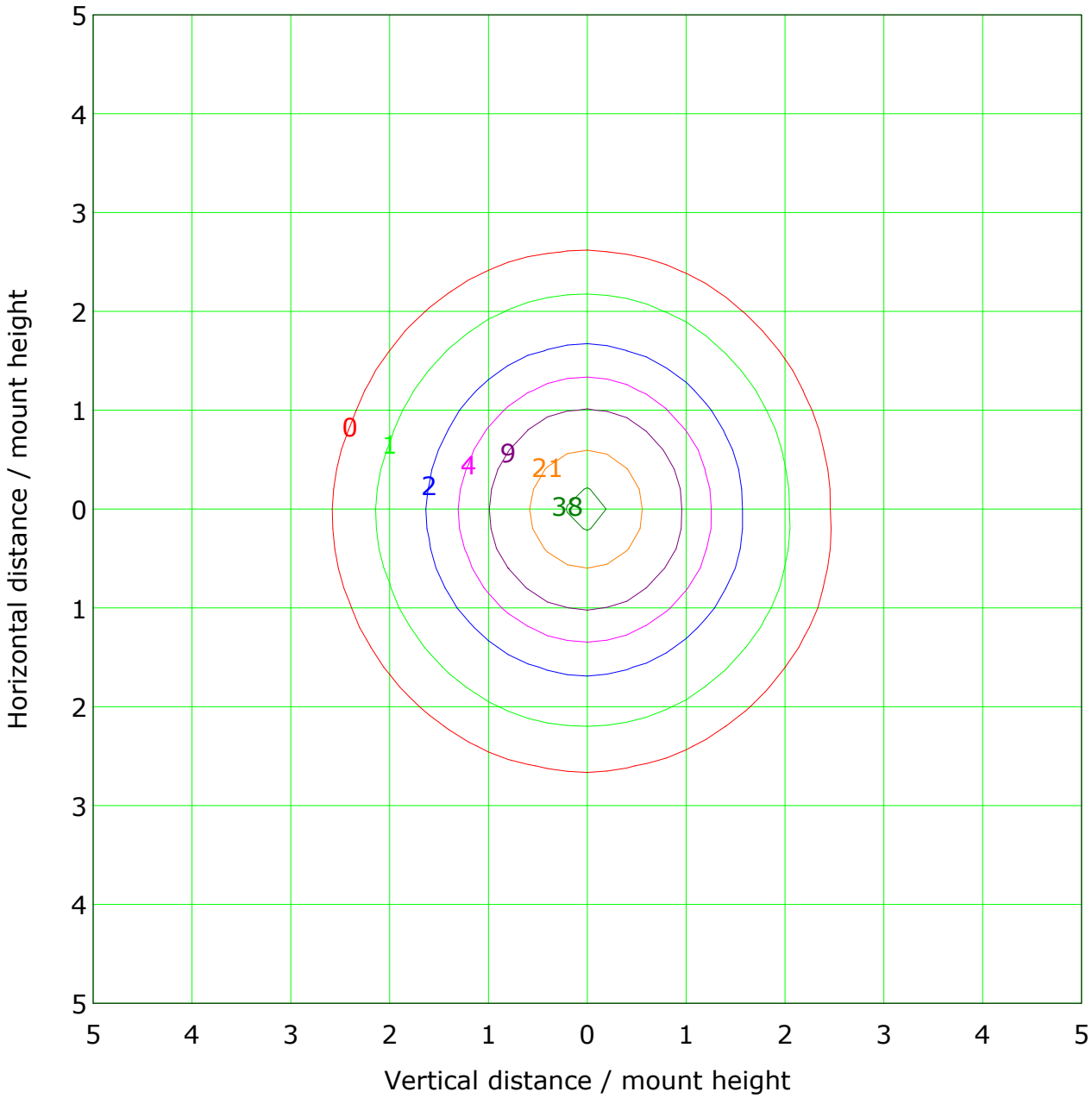

Imax (100%): 4259 cd

| | |
|---|---|
| ( 10%): 426 cd | ( 16%): 681 cd |
| ( 25%): 1065 cd | ( 40%): 1704 cd |
| ( 63%): 2683 cd | (100%): 4259 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



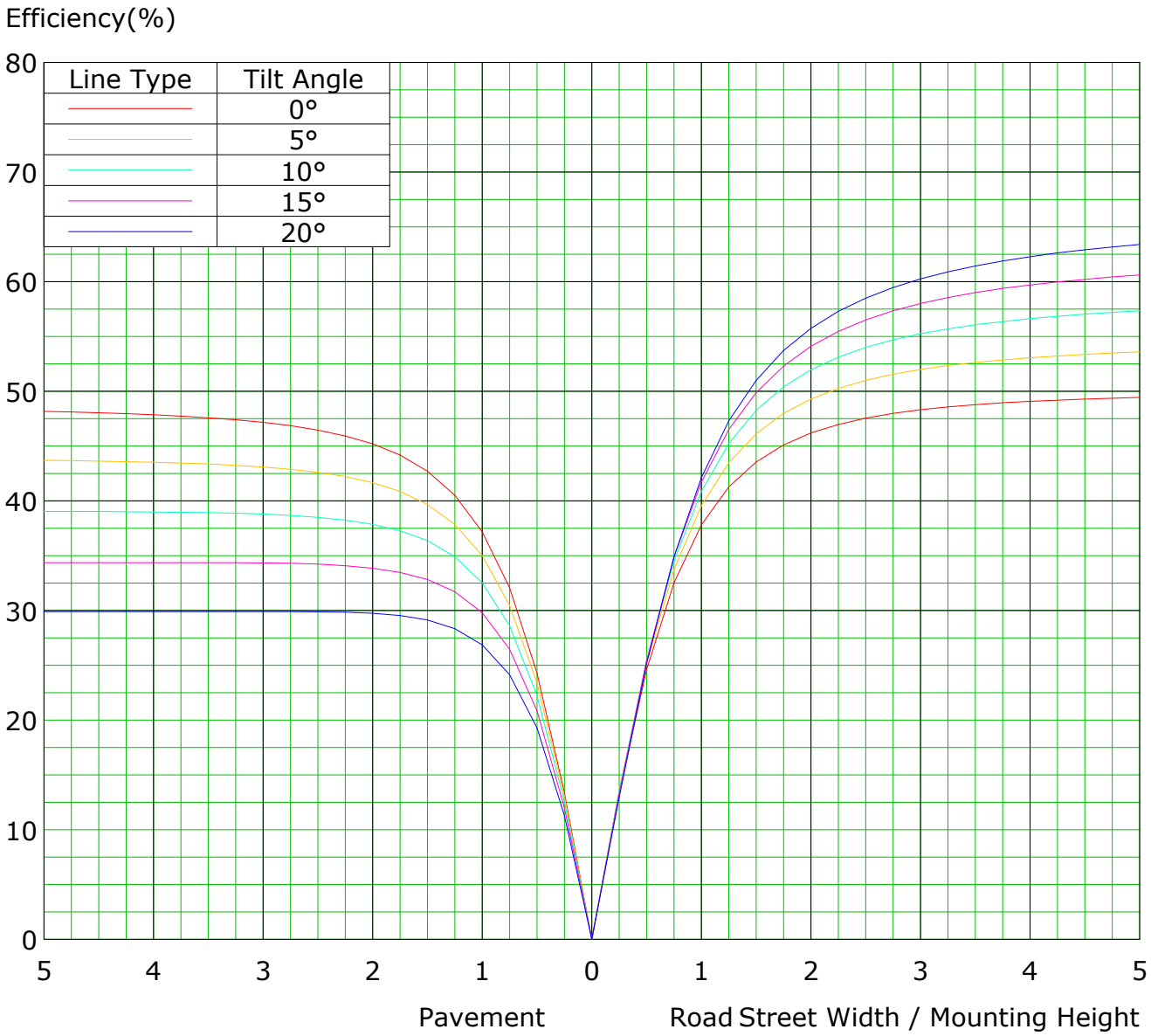

Mounting Height: 10.0m  Max Lux(100%): 42.6 lx

| | |
|---|---|
| ( 1%): 0.4 lx | ( 2%): 0.9 lx |
| ( 5%): 2.1 lx | ( 10%): 4.3 lx |
| ( 20%): 8.5 lx | ( 50%): 21.3 lx |
| ( 90%): 38.3 lx | (100%): 42.6 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

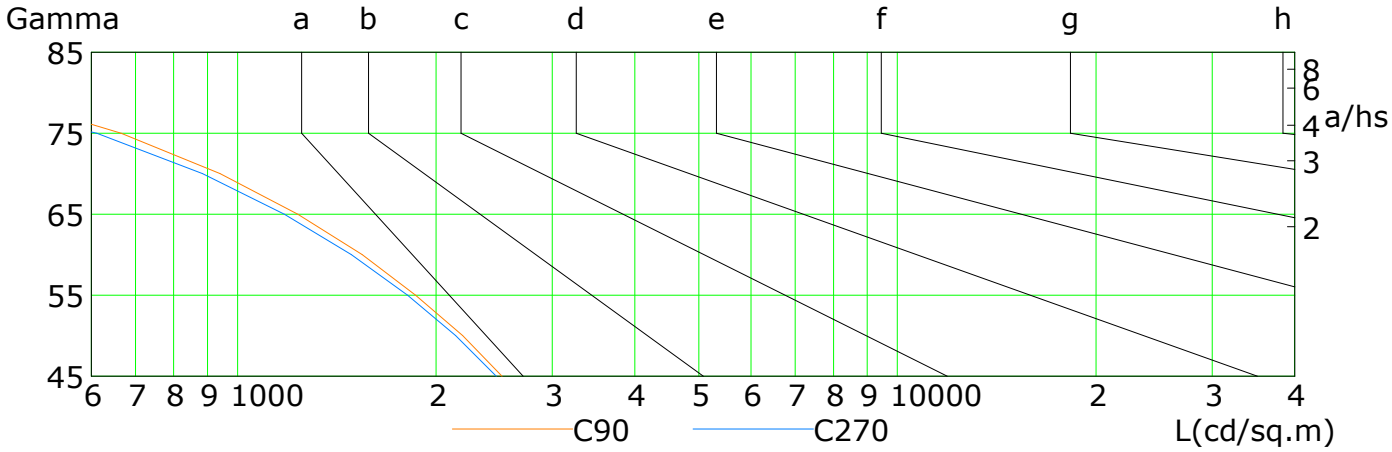


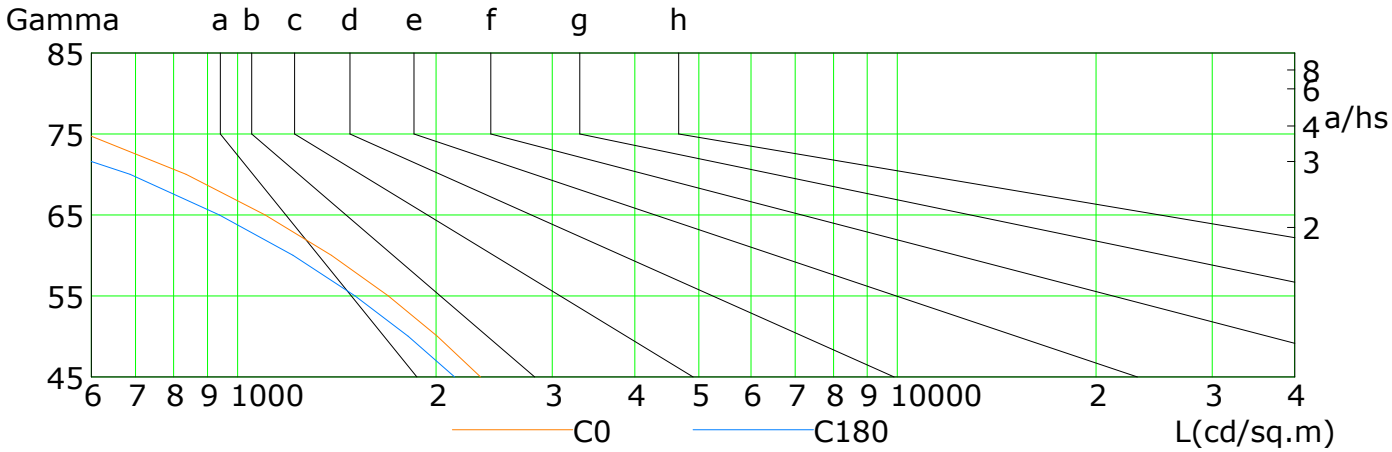

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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 |



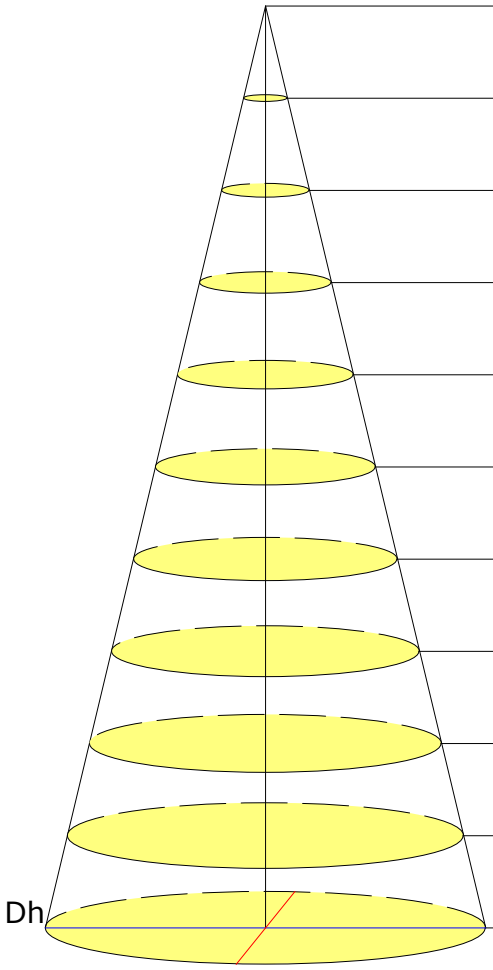




| L(cd/sq.m) | G45 | G50 | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|---|---|---|---|---|---|---|---|---|---|
| C0 | 2336 | 2008 | 1693 | 1387 | 1102 | 836 | 589 | 366 | 176 |
| C90 | 2517 | 2192 | 1861 | 1544 | 1234 | 940 | 666 | 418 | 200 |
| C180 | 2133 | 1815 | 1508 | 1213 | 938 | 687 | 451 | 245 | 78 |
| C270 | 2465 | 2140 | 1810 | 1488 | 1177 | 884 | 612 | 370 | 155 |

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)



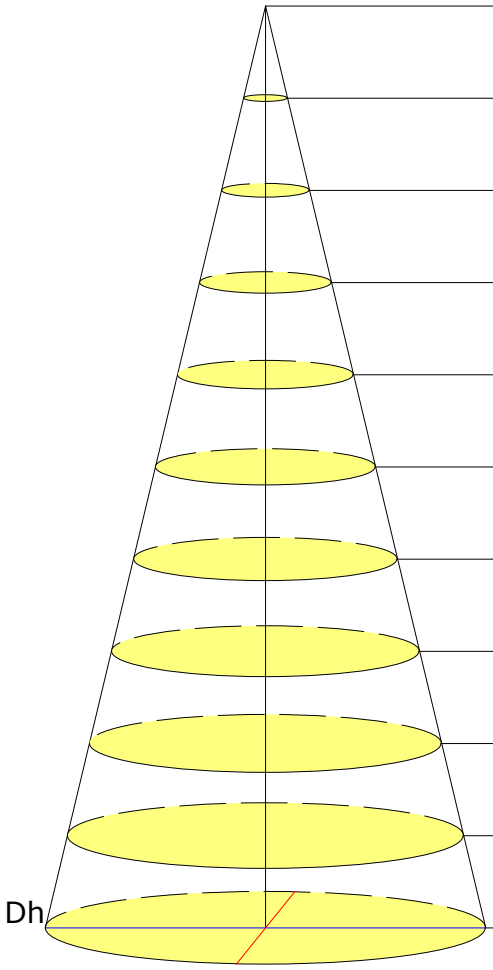

| Dist(m) | Enadir(lx) | Dh/Dv_B(m) | S_B(sq.m) | Eav_B(lx) |
|---|---|---|---|---|
| 1.0 | 4254.72 | 2.11/2.43 | 4.1 | 953.54 |
| 2.0 | 1063.68 | 4.23/4.87 | 16.3 | 238.38 |
| 3.0 | 472.75 | 6.34/7.30 | 36.6 | 105.95 |
| 4.0 | 265.92 | 8.46/9.73 | 65.0 | 59.60 |
| 5.0 | 170.19 | 10.57/12.16 | 101.6 | 38.14 |
| 6.0 | 118.19 | 12.69/14.60 | 146.3 | 26.49 |
| 7.0 | 86.83 | 14.80/17.03 | 199.1 | 19.46 |
| 8.0 | 66.48 | 16.91/19.46 | 260.1 | 14.90 |
| 9.0 | 52.53 | 19.03/21.89 | 329.2 | 11.77 |
| 10.0 | 42.55 | 21.14/24.33 | 406.4 | 9.54 |

Beam Angle(B): H93.2 V101.1 Field Angle(F): H154.2 V158.6

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

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

# Illuminance at a Distance(Field Angle)



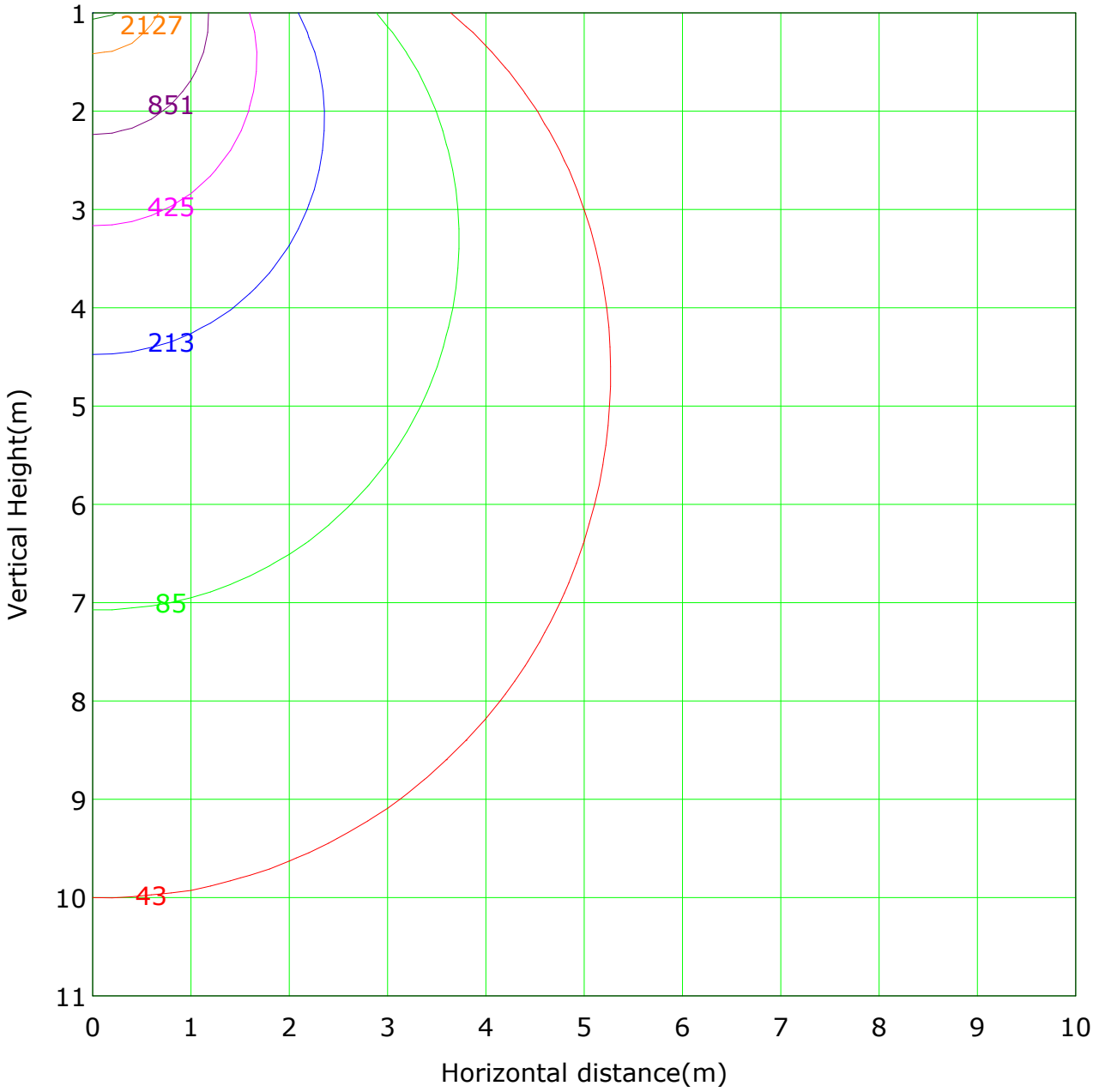

| Dist(m) | Enadir(lx) | Dh/Dv_F(m) | S_F(sq.m) | Eav_F(lx) |
|---|---|---|---|---|
| 1.0 | 4254.72 | 8.72/10.59 | 73.4 | 32.39 |
| 2.0 | 1063.68 | 17.45/21.18 | 293.5 | 8.10 |
| 3.0 | 472.75 | 26.17/31.77 | 660.4 | 3.60 |
| 4.0 | 265.92 | 34.89/42.37 | 1174.1 | 2.02 |
| 5.0 | 170.19 | 43.62/52.96 | 1834.5 | 1.30 |
| 6.0 | 118.19 | 52.34/63.55 | 2641.7 | 0.90 |
| 7.0 | 86.83 | 61.06/74.14 | 3595.7 | 0.66 |
| 8.0 | 66.48 | 69.79/84.73 | 4696.4 | 0.51 |
| 9.0 | 52.53 | 78.51/95.32 | 5943.8 | 0.40 |
| 10.0 | 42.55 | 87.23/105.91 | 7338.1 | 0.32 |

Beam Angle(B): H93.2 V101.1 Field Angle(F): H154.2 V158.6

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:

# Vertical IsoLux Plot




Lowest(m): 1.0m  Highest(m): 11.0m  Max Lux: 4254.7 lx

| | |
|---|---|
| ( 1%): 42.5 lx | ( 2%): 85.1 lx |
| ( 5%): 212.7 lx | ( 10%): 425.5 lx |
| ( 20%): 850.9 lx | ( 50%):2127.4 lx |
| ( 90%):3829.2 lx | (100%):4254.7 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:

# 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 | 0.1 | 0.3 | 0.8 | 1.4 | 2.3 | 3.3 | 4.1 | 4.7 | 4.9 | 4.5 | 3.9 | 3.0 | 2.1 | 1.3 | 0.7 | 0.3 | 0.1 | 37.7 | 0.0 | |
| -80 | 0.0 | 0.4 | 1.7 | 3.9 | 6.8 | 10.3 | 13.8 | 16.6 | 18.3 | 18.5 | 17.2 | 14.7 | 11.4 | 7.9 | 4.8 | 2.3 | 0.9 | 0.2 | 149.7 | 103.6 | |
| -70 | 0.1 | 1.0 | 3.6 | 7.8 | 13.5 | 20.1 | 26.7 | 31.9 | 35.1 | 35.4 | 32.8 | 27.9 | 21.5 | 14.9 | 8.9 | 4.4 | 1.6 | 0.2 | 287.4 | 273.3 | |
| -60 | 0.1 | 1.7 | 5.6 | 12.1 | 20.8 | 30.8 | 40.8 | 49.0 | 53.9 | 54.4 | 50.2 | 42.3 | 32.4 | 22.3 | 13.3 | 6.5 | 2.3 | 0.3 | 438.9 | 431.3 | |
| -50 | 0.2 | 2.3 | 7.5 | 16.2 | 28.0 | 41.5 | 55.3 | 66.8 | 73.5 | 74.0 | 68.1 | 57.1 | 43.5 | 29.7 | 17.6 | 8.6 | 3.0 | 0.4 | 593.6 | 588.8 | |
| -40 | 0.3 | 2.8 | 9.3 | 20.0 | 34.6 | 51.6 | 69.0 | 83.7 | 92.4 | 92.9 | 85.3 | 71.2 | 53.9 | 36.5 | 21.6 | 10.6 | 3.7 | 0.5 | 739.9 | 736.4 | |
| -30 | 0.3 | 3.3 | 10.8 | 23.2 | 40.0 | 60.2 | 80.8 | 98.2 | 108.4 | 109.0 | 99.9 | 83.2 | 62.6 | 42.2 | 25.1 | 12.3 | 4.2 | 0.6 | 864.2 | 861.3 | |
| -20 | 0.3 | 3.6 | 11.8 | 25.4 | 44.0 | 66.3 | 89.4 | 108.8 | 120.1 | 120.6 | 110.4 | 91.8 | 69.2 | 46.9 | 27.8 | 13.6 | 4.6 | 0.6 | 955.0 | 952.5 | |
| -10 | 0.4 | 3.8 | 12.3 | 26.4 | 46.0 | 69.4 | 93.7 | 114.1 | 126.1 | 126.7 | 116.2 | 97.2 | 73.6 | 49.8 | 29.4 | 14.3 | 4.8 | 0.6 | 1004.8 | 1002.5 | |
| 0 | 0.4 | 3.8 | 12.4 | 26.7 | 46.4 | 70.0 | 94.5 | 114.9 | 126.5 | 127.2 | 117.0 | 98.0 | 74.2 | 50.2 | 29.6 | 14.4 | 4.8 | 0.6 | 1011.4 | 1009.3 | |
| 10 | 0.3 | 3.7 | 12.1 | 26.0 | 45.2 | 68.0 | 91.2 | 110.0 | 120.7 | 121.3 | 111.5 | 93.4 | 70.8 | 48.0 | 28.4 | 13.8 | 4.7 | 0.6 | 969.6 | 967.1 | |
| 20 | 0.3 | 3.4 | 11.2 | 24.2 | 41.7 | 62.2 | 82.7 | 99.7 | 109.4 | 109.9 | 101.0 | 84.6 | 64.3 | 43.7 | 26.0 | 12.7 | 4.3 | 0.6 | 882.0 | 879.4 | |
| 30 | 0.3 | 3.0 | 9.9 | 21.2 | 36.2 | 53.6 | 71.0 | 85.4 | 93.7 | 94.1 | 86.6 | 72.6 | 55.4 | 37.9 | 22.7 | 11.2 | 3.8 | 0.5 | 759.2 | 756.0 | |
| 40 | 0.2 | 2.5 | 8.3 | 17.5 | 29.6 | 43.4 | 57.2 | 68.6 | 75.2 | 75.5 | 69.6 | 58.6 | 44.9 | 31.0 | 18.7 | 9.3 | 3.2 | 0.4 | 613.8 | 609.5 | |
| 50 | 0.2 | 1.9 | 6.3 | 13.3 | 22.3 | 32.6 | 42.7 | 50.9 | 55.7 | 56.0 | 51.7 | 43.8 | 33.8 | 23.5 | 14.3 | 7.2 | 2.5 | 0.4 | 459.0 | 452.7 | |
| 60 | 0.1 | 1.3 | 4.3 | 8.9 | 14.9 | 21.7 | 28.4 | 33.8 | 36.9 | 37.1 | 34.4 | 29.3 | 22.7 | 16.0 | 9.8 | 5.0 | 1.8 | 0.3 | 306.7 | 294.8 | |
| 70 | 0.1 | 0.6 | 2.3 | 4.8 | 8.0 | 11.7 | 15.4 | 18.3 | 20.0 | 20.1 | 18.7 | 16.0 | 12.5 | 8.9 | 5.5 | 2.9 | 1.1 | 0.2 | 167.1 | 129.1 | |
| 80 | 0.0 | 0.2 | 0.6 | 1.3 | 2.2 | 3.3 | 4.4 | 5.4 | 6.0 | 6.1 | 5.7 | 4.9 | 3.9 | 2.8 | 1.9 | 1.1 | 0.5 | 0.1 | 50.4 | 0.0 | |
| 90 | 3.6 | 39.4 | 130.2 | 279.6 | 481.6 | 719.1 | 960.1 | 1160.2 | 1276.8 | 1283.9 | 1180.8 | 990.7 | 753.6 | 514.1 | 306.8 | 150.6 | 52.1 | 7.3 | 10290 | | |
| Flux(T) | 0.0 | 18.4 | 114.3 | 265.0 | 467.7 | 705.6 | 946.9 | 1147.1 | 1264.0 | 1271.7 | 1167.4 | 977.7 | 740.2 | 500.2 | 292.5 | 135.6 | 33.4 | 0.0 | | 10048 | |
| Flux(E) | | | | | | | | | | | | | | | | | | | | | |

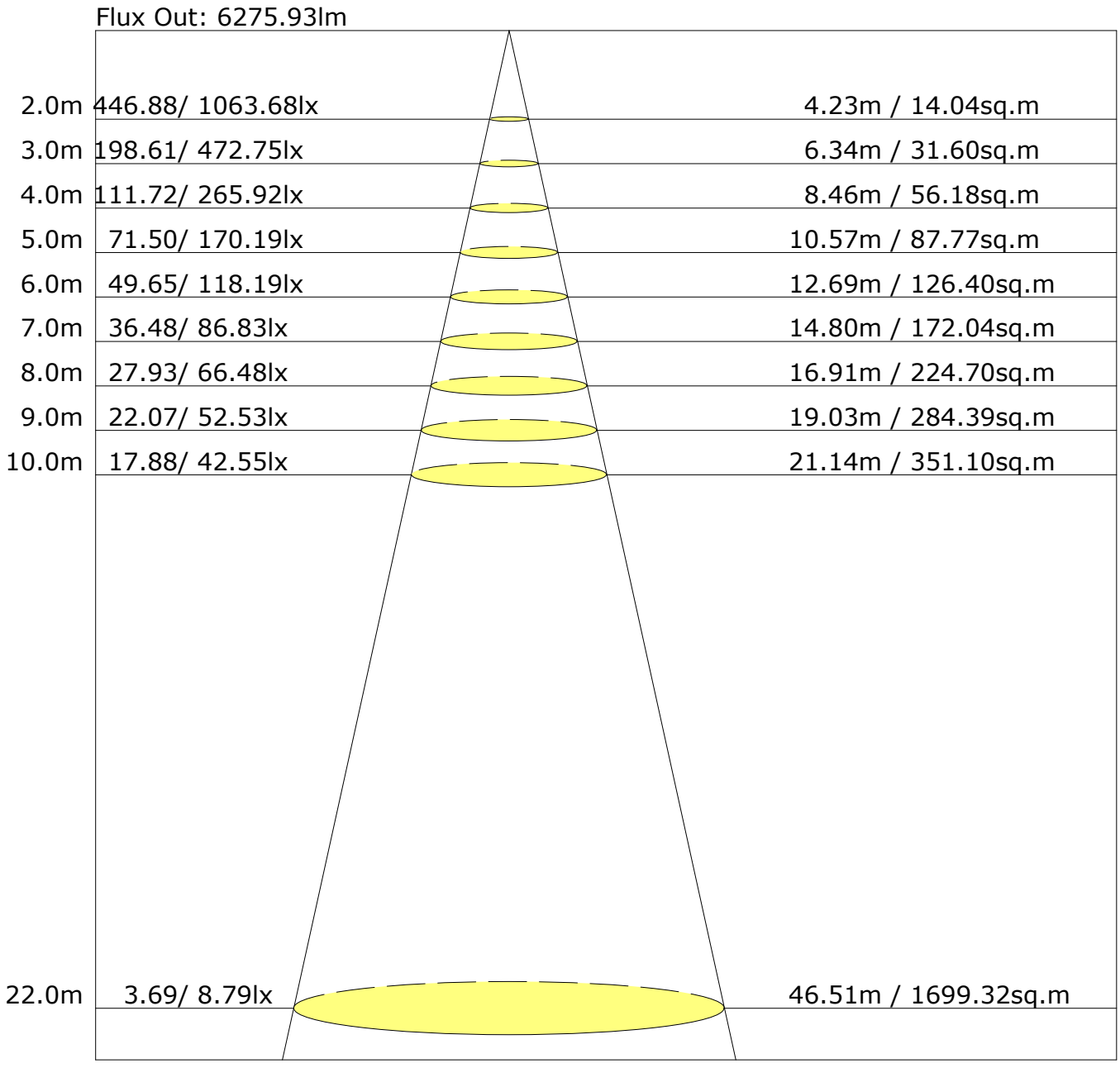
Horizontal plane



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

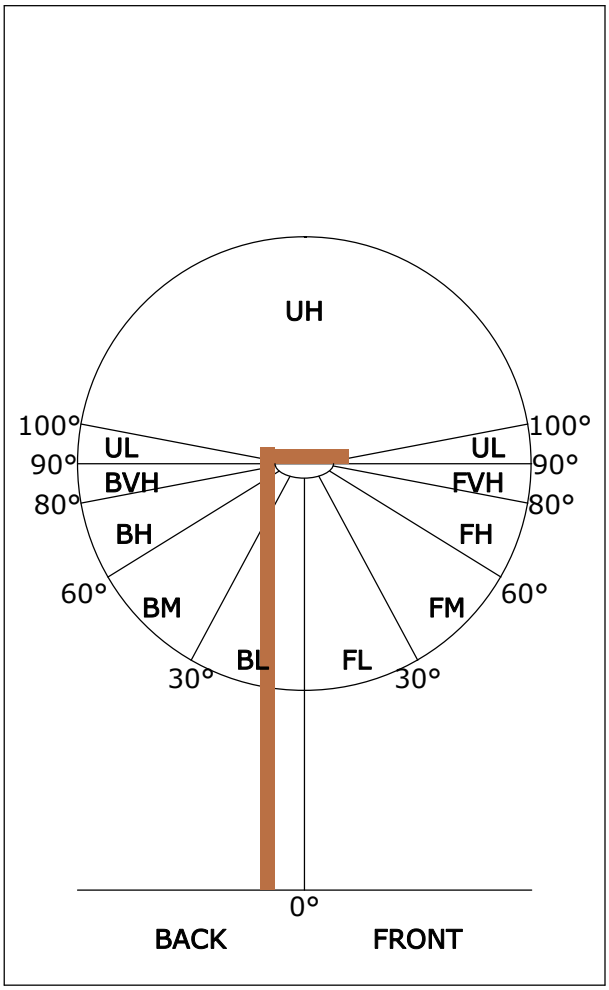
| Reflectance: | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Ceiling (cavity) | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Reference plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 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 10378lm (8log(F/F0) = 8.1).

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

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

## FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



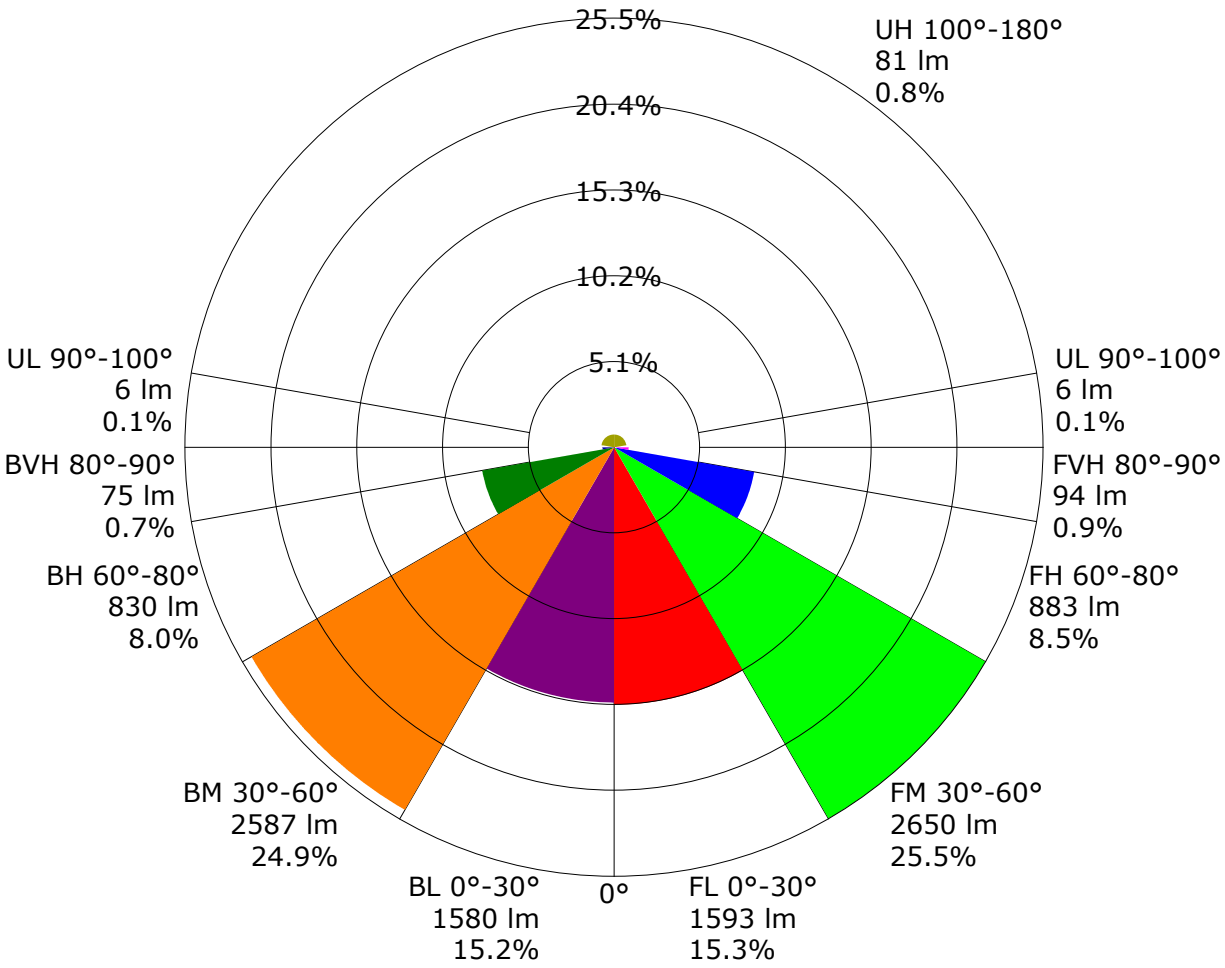

| ZONE | LUMENS | % LAMP LUMENS |
|---|---|---|
| FORWARD LIGHT | 5220 | 50.3 |
| FL ( 0°-30°) | 1593 | 15.3 |
| FM (30°-60°) | 2650 | 25.5 |
| FH (60°-80°) | 883 | 8.5 |
| FVH (80°-90°) | 94 | 0.9 |
| BACK LIGHT | 5072 | 48.9 |
| BL ( 0°-30°) | 1580 | 15.2 |
| BM (30°-60°) | 2587 | 24.9 |
| BH (60°-80°) | 830 | 8.0 |
| BVH (80°-90°) | 75 | 0.7 |
| UP LIGHT | 87 | 0.8 |
| UL (90°-100°) | 6 | 0.1 |
| UH (100°-180°) | 81 | 0.8 |
| TRAPPED LIGHT | NA | NA |

| **BUG**(**B**acklight,**U**plight,**G**lare) Rating Base On TM-15-07 | |
|---|---|
| Asymmetrical Luminaire Types<br>(Type I,II,III,IV) | B3 U2 G2 |
| Quadrilateral Symmetrical Luminaire Types<br>(Type V,Area Light) | B3 U2 G1 |

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




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 = 1.25 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 0.60 | 0.70 | 0.77 | 0.82 | 0.89 | 0.94 | 0.97 | 1.01 | 1.04 |
| | 0.30 | | 0.52 | 0.62 | 0.70 | 0.75 | 0.83 | 0.88 | 0.92 | 0.97 | 1.01 |
| | 0.20 | | 0.47 | 0.57 | 0.64 | 0.70 | 0.78 | 0.84 | 0.88 | 0.94 | 0.98 |
| 0.50 | 0.50 | 0.20 | 0.58 | 0.68 | 0.74 | 0.79 | 0.86 | 0.90 | 0.93 | 0.97 | 1.00 |
| | 0.30 | | 0.51 | 0.61 | 0.68 | 0.73 | 0.81 | 0.86 | 0.89 | 0.94 | 0.97 |
| | 0.20 | | 0.46 | 0.56 | 0.63 | 0.69 | 0.76 | 0.82 | 0.86 | 0.91 | 0.94 |
| 0.30 | 0.50 | 0.20 | 0.56 | 0.66 | 0.72 | 0.76 | 0.83 | 0.87 | 0.90 | 0.93 | 0.96 |
| | 0.30 | | 0.50 | 0.60 | 0.67 | 0.72 | 0.78 | 0.83 | 0.86 | 0.91 | 0.93 |
| | 0.20 | | 0.46 | 0.55 | 0.62 | 0.68 | 0.75 | 0.80 | 0.83 | 0.88 | 0.91 |
| 0.00 | 0.00 | 0.00 | 0.44 | 0.53 | 0.60 | 0.64 | 0.71 | 0.76 | 0.79 | 0.84 | 0.86 |

Rating:80W 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 = 1.25 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 0.95 | 0.78 | 0.66 | 0.58 | 0.46 | 0.38 | 0.33 | 0.25 | 0.21 |
| | 0.30 | | 0.79 | 0.67 | 0.58 | 0.51 | 0.42 | 0.35 | 0.30 | 0.24 | 0.20 |
| | 0.20 | | 0.68 | 0.58 | 0.51 | 0.46 | 0.38 | 0.32 | 0.28 | 0.22 | 0.19 |
| 0.50 | 0.50 | 0.20 | 0.92 | 0.75 | 0.64 | 0.55 | 0.44 | 0.40 | 0.31 | 0.24 | 0.20 |
| | 0.30 | | 0.78 | 0.65 | 0.56 | 0.49 | 0.40 | 0.34 | 0.29 | 0.23 | 0.19 |
| | 0.20 | | 0.67 | 0.57 | 0.50 | 0.45 | 0.37 | 0.31 | 0.27 | 0.22 | 0.18 |
| 0.30 | 0.50 | 0.20 | 0.89 | 0.72 | 0.61 | 0.53 | 0.42 | 0.35 | 0.29 | 0.23 | 0.19 |
| | 0.30 | | 0.76 | 0.63 | 0.54 | 0.48 | 0.39 | 0.32 | 0.28 | 0.22 | 0.18 |
| | 0.20 | | 0.66 | 0.57 | 0.49 | 0.44 | 0.36 | 0.30 | 0.26 | 0.21 | 0.17 |
| 0.00 | 0.00 | 0.00 | 0.56 | 0.46 | 0.40 | 0.35 | 0.28 | 0.23 | 0.20 | 0.16 | 0.13 |

Rating:80W 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 = 1.25 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 0.17 | 0.18 | 0.19 | 0.20 | 0.21 | 0.21 | 0.22 | 0.22 | 0.22 |
| | 0.30 | | 0.10 | 0.12 | 0.13 | 0.14 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 |
| | 0.20 | | 0.06 | 0.07 | 0.09 | 0.10 | 0.12 | 0.14 | 0.15 | 0.17 | 0.18 |
| 0.50 | 0.50 | 0.20 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 | 0.20 | 0.21 | 0.21 | 0.21 |
| | 0.30 | | 0.10 | 0.12 | 0.13 | 0.14 | 0.15 | 0.17 | 0.17 | 0.19 | 0.19 |
| | 0.20 | | 0.05 | 0.07 | 0.09 | 0.10 | 0.12 | 0.13 | 0.14 | 0.16 | 0.17 |
| 0.30 | 0.50 | 0.20 | 0.16 | 0.17 | 0.18 | 0.18 | 0.19 | 0.19 | 0.20 | 0.20 | 0.21 |
| | 0.30 | | 0.10 | 0.11 | 0.13 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 |
| | 0.20 | | 0.05 | 0.07 | 0.09 | 0.10 | 0.12 | 0.13 | 0.14 | 0.16 | 0.17 |
| 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |

Rating:80W 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 [°] | Imean [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|---|---|---|---|---|---|
| 0.0-1.0 | 4253.3 | 4.1 | 4.1 | 0.04 | 0.04 |
| 1.0-2.0 | 4250.8 | 12.2 | 16.3 | 0.12 | 0.16 |
| 2.0-3.0 | 4246.3 | 20.3 | 36.6 | 0.20 | 0.35 |
| 3.0-4.0 | 4239.1 | 28.4 | 65.0 | 0.27 | 0.63 |
| 4.0-5.0 | 4229.8 | 36.4 | 101.4 | 0.35 | 0.98 |
| 5.0-6.0 | 4218.6 | 44.3 | 145.7 | 0.43 | 1.40 |
| 6.0-7.0 | 4205.0 | 52.2 | 197.9 | 0.50 | 1.91 |
| 7.0-8.0 | 4189.2 | 60.0 | 257.9 | 0.58 | 2.48 |
| 8.0-9.0 | 4171.6 | 67.6 | 325.5 | 0.65 | 3.14 |
| 9.0-10.0 | 4151.4 | 75.1 | 400.6 | 0.72 | 3.86 |
| 10.0-11.0 | 4128.2 | 82.5 | 483.1 | 0.79 | 4.66 |
| 11.0-12.0 | 4103.4 | 89.7 | 572.8 | 0.86 | 5.52 |
| 12.0-13.0 | 4076.3 | 96.8 | 669.6 | 0.93 | 6.45 |
| 13.0-14.0 | 4046.8 | 103.6 | 773.2 | 1.00 | 7.45 |
| 14.0-15.0 | 4016.6 | 110.3 | 883.5 | 1.06 | 8.51 |
| 15.0-16.0 | 3983.6 | 116.7 | 1000.2 | 1.12 | 9.64 |
| 16.0-17.0 | 3948.2 | 123.0 | 1123.2 | 1.18 | 10.82 |
| 17.0-18.0 | 3911.9 | 129.0 | 1252.2 | 1.24 | 12.07 |
| 18.0-19.0 | 3873.1 | 134.8 | 1386.9 | 1.30 | 13.36 |
| 19.0-20.0 | 3832.2 | 140.3 | 1527.2 | 1.35 | 14.72 |
| 20.0-21.0 | 3789.6 | 145.5 | 1672.7 | 1.40 | 16.12 |
| 21.0-22.0 | 3745.4 | 150.5 | 1823.3 | 1.45 | 17.57 |
| 22.0-23.0 | 3699.5 | 155.3 | 1978.5 | 1.50 | 19.06 |
| 23.0-24.0 | 3651.2 | 159.7 | 2138.2 | 1.54 | 20.60 |
| 24.0-25.0 | 3602.3 | 163.8 | 2302.0 | 1.58 | 22.18 |
| 25.0-26.0 | 3552.2 | 167.7 | 2469.7 | 1.62 | 23.80 |
| 26.0-27.0 | 3499.4 | 171.2 | 2640.9 | 1.65 | 25.45 |
| 27.0-28.0 | 3446.0 | 174.5 | 2815.4 | 1.68 | 27.13 |
| 28.0-29.0 | 3391.0 | 177.4 | 2992.9 | 1.71 | 28.84 |
| 29.0-30.0 | 3334.6 | 180.1 | 3172.9 | 1.74 | 30.57 |
| 30.0-31.0 | 3277.5 | 182.4 | 3355.3 | 1.76 | 32.33 |
| 31.0-32.0 | 3219.7 | 184.5 | 3539.8 | 1.78 | 34.11 |
| 32.0-33.0 | 3160.1 | 186.2 | 3726.0 | 1.79 | 35.90 |
| 33.0-34.0 | 3098.8 | 187.6 | 3913.6 | 1.81 | 37.71 |
| 34.0-35.0 | 3037.5 | 188.7 | 4102.2 | 1.82 | 39.53 |
| 35.0-36.0 | 2975.9 | 189.5 | 4291.8 | 1.83 | 41.35 |

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 [°] | Imean [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|---|---|---|---|---|---|
| 36.0-37.0 | 2913.6 | 190.0 | 4481.8 | 1.83 | 43.19 |
| 37.0-38.0 | 2850.6 | 190.3 | 4672.1 | 1.83 | 45.02 |
| 38.0-39.0 | 2786.6 | 190.2 | 4862.3 | 1.83 | 46.85 |
| 39.0-40.0 | 2722.0 | 189.9 | 5052.2 | 1.83 | 48.68 |
| 40.0-41.0 | 2657.1 | 189.2 | 5241.4 | 1.82 | 50.51 |
| 41.0-42.0 | 2591.8 | 188.3 | 5429.8 | 1.81 | 52.32 |
| 42.0-43.0 | 2527.0 | 187.2 | 5617.0 | 1.80 | 54.12 |
| 43.0-44.0 | 2462.0 | 185.8 | 5802.8 | 1.79 | 55.91 |
| 44.0-45.0 | 2395.9 | 184.2 | 5987.0 | 1.77 | 57.69 |
| 45.0-46.0 | 2329.5 | 182.2 | 6169.2 | 1.76 | 59.44 |
| 46.0-47.0 | 2264.0 | 180.1 | 6349.3 | 1.74 | 61.18 |
| 47.0-48.0 | 2199.3 | 177.8 | 6527.1 | 1.71 | 62.89 |
| 48.0-49.0 | 2134.2 | 175.3 | 6702.4 | 1.69 | 64.58 |
| 49.0-50.0 | 2068.9 | 172.5 | 6874.9 | 1.66 | 66.24 |
| 50.0-51.0 | 2003.7 | 169.5 | 7044.4 | 1.63 | 67.88 |
| 51.0-52.0 | 1938.8 | 166.4 | 7210.8 | 1.60 | 69.48 |
| 52.0-53.0 | 1874.6 | 163.1 | 7373.9 | 1.57 | 71.05 |
| 53.0-54.0 | 1810.3 | 159.6 | 7533.5 | 1.54 | 72.59 |
| 54.0-55.0 | 1746.6 | 155.9 | 7689.4 | 1.50 | 74.09 |
| 55.0-56.0 | 1683.9 | 152.2 | 7841.6 | 1.47 | 75.56 |
| 56.0-57.0 | 1621.6 | 148.3 | 7989.9 | 1.43 | 76.99 |
| 57.0-58.0 | 1559.3 | 144.2 | 8134.1 | 1.39 | 78.38 |
| 58.0-59.0 | 1497.0 | 140.0 | 8274.1 | 1.35 | 79.73 |
| 59.0-60.0 | 1435.5 | 135.6 | 8409.7 | 1.31 | 81.03 |
| 60.0-61.0 | 1375.1 | 131.2 | 8541.0 | 1.26 | 82.30 |
| 61.0-62.0 | 1315.2 | 126.7 | 8667.7 | 1.22 | 83.52 |
| 62.0-63.0 | 1255.7 | 122.1 | 8789.9 | 1.18 | 84.70 |
| 63.0-64.0 | 1196.7 | 117.4 | 8907.3 | 1.13 | 85.83 |
| 64.0-65.0 | 1138.4 | 112.7 | 9020.0 | 1.09 | 86.91 |
| 65.0-66.0 | 1081.1 | 107.9 | 9127.9 | 1.04 | 87.95 |
| 66.0-67.0 | 1024.8 | 103.1 | 9230.9 | 0.99 | 88.95 |
| 67.0-68.0 | 968.3 | 98.1 | 9329.0 | 0.95 | 89.89 |
| 68.0-69.0 | 912.8 | 93.1 | 9422.2 | 0.90 | 90.79 |
| 69.0-70.0 | 858.9 | 88.2 | 9510.4 | 0.85 | 91.64 |
| 70.0-71.0 | 805.3 | 83.2 | 9593.6 | 0.80 | 92.44 |
| 71.0-72.0 | 752.5 | 78.3 | 9671.9 | 0.75 | 93.20 |

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 [°] | Imean [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|---|---|---|---|---|---|
| 72.0-73.0 | 701.1 | 73.3 | 9745.2 | 0.71 | 93.90 |
| 73.0-74.0 | 650.7 | 68.4 | 9813.6 | 0.66 | 94.56 |
| 74.0-75.0 | 600.6 | 63.5 | 9877.1 | 0.61 | 95.17 |
| 75.0-76.0 | 551.8 | 58.6 | 9935.7 | 0.56 | 95.74 |
| 76.0-77.0 | 504.1 | 53.8 | 9989.4 | 0.52 | 96.26 |
| 77.0-78.0 | 457.4 | 49.0 | 10038.4 | 0.47 | 96.73 |
| 78.0-79.0 | 411.8 | 44.3 | 10082.7 | 0.43 | 97.15 |
| 79.0-80.0 | 367.5 | 39.6 | 10122.3 | 0.38 | 97.54 |
| 80.0-81.0 | 324.2 | 35.1 | 10157.3 | 0.34 | 97.87 |
| 81.0-82.0 | 282.2 | 30.6 | 10187.9 | 0.29 | 98.17 |
| 82.0-83.0 | 241.5 | 26.3 | 10214.2 | 0.25 | 98.42 |
| 83.0-84.0 | 202.0 | 22.0 | 10236.2 | 0.21 | 98.63 |
| 84.0-85.0 | 163.9 | 17.9 | 10254.1 | 0.17 | 98.81 |
| 85.0-86.0 | 128.2 | 14.0 | 10268.1 | 0.14 | 98.94 |
| 86.0-87.0 | 94.5 | 10.3 | 10278.5 | 0.10 | 99.04 |
| 87.0-88.0 | 63.7 | 7.0 | 10285.4 | 0.07 | 99.11 |
| 88.0-89.0 | 37.4 | 4.1 | 10289.5 | 0.04 | 99.15 |
| 89.0-90.0 | 18.0 | 2.0 | 10291.5 | 0.02 | 99.17 |
| 90.0-91.0 | 7.7 | 0.8 | 10292.4 | 0.01 | 99.17 |
| 91.0-92.0 | 4.5 | 0.5 | 10292.8 | 0.00 | 99.18 |
| 92.0-93.0 | 4.1 | 0.4 | 10293.3 | 0.00 | 99.18 |
| 93.0-94.0 | 4.3 | 0.5 | 10293.8 | 0.00 | 99.19 |
| 94.0-95.0 | 4.5 | 0.5 | 10294.3 | 0.00 | 99.19 |
| 95.0-96.0 | 4.8 | 0.5 | 10294.8 | 0.01 | 99.20 |
| 96.0-97.0 | 5.1 | 0.6 | 10295.3 | 0.01 | 99.20 |
| 97.0-98.0 | 5.3 | 0.6 | 10295.9 | 0.01 | 99.21 |
| 98.0-99.0 | 5.5 | 0.6 | 10296.5 | 0.01 | 99.21 |
| 99.0-100.0 | 5.8 | 0.6 | 10297.1 | 0.01 | 99.22 |
| 100.0-101.0 | 6.0 | 0.6 | 10297.8 | 0.01 | 99.23 |
| 101.0-102.0 | 6.3 | 0.7 | 10298.5 | 0.01 | 99.23 |
| 102.0-103.0 | 6.6 | 0.7 | 10299.2 | 0.01 | 99.24 |
| 103.0-104.0 | 6.9 | 0.7 | 10299.9 | 0.01 | 99.25 |
| 104.0-105.0 | 7.2 | 0.8 | 10300.7 | 0.01 | 99.25 |
| 105.0-106.0 | 7.5 | 0.8 | 10301.5 | 0.01 | 99.26 |
| 106.0-107.0 | 7.8 | 0.8 | 10302.3 | 0.01 | 99.27 |
| 107.0-108.0 | 8.1 | 0.9 | 10303.1 | 0.01 | 99.28 |

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 3)

| Gamma [°] | Imean [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|---|---|---|---|---|---|
| 108.0-109.0 | 8.5 | 0.9 | 10304.0 | 0.01 | 99.29 |
| 109.0-110.0 | 8.8 | 0.9 | 10304.9 | 0.01 | 99.30 |
| 110.0-111.0 | 9.1 | 0.9 | 10305.9 | 0.01 | 99.30 |
| 111.0-112.0 | 9.4 | 1.0 | 10306.8 | 0.01 | 99.31 |
| 112.0-113.0 | 9.8 | 1.0 | 10307.8 | 0.01 | 99.32 |
| 113.0-114.0 | 10.1 | 1.0 | 10308.8 | 0.01 | 99.33 |
| 114.0-115.0 | 10.4 | 1.0 | 10309.9 | 0.01 | 99.34 |
| 115.0-116.0 | 10.7 | 1.1 | 10310.9 | 0.01 | 99.35 |
| 116.0-117.0 | 11.1 | 1.1 | 10312.0 | 0.01 | 99.36 |
| 117.0-118.0 | 11.5 | 1.1 | 10313.1 | 0.01 | 99.38 |
| 118.0-119.0 | 11.9 | 1.1 | 10314.3 | 0.01 | 99.39 |
| 119.0-120.0 | 12.3 | 1.2 | 10315.5 | 0.01 | 99.40 |
| 120.0-121.0 | 12.7 | 1.2 | 10316.7 | 0.01 | 99.41 |
| 121.0-122.0 | 13.0 | 1.2 | 10317.9 | 0.01 | 99.42 |
| 122.0-123.0 | 13.4 | 1.2 | 10319.1 | 0.01 | 99.43 |
| 123.0-124.0 | 13.7 | 1.3 | 10320.4 | 0.01 | 99.44 |
| 124.0-125.0 | 14.1 | 1.3 | 10321.6 | 0.01 | 99.46 |
| 125.0-126.0 | 14.5 | 1.3 | 10322.9 | 0.01 | 99.47 |
| 126.0-127.0 | 14.9 | 1.3 | 10324.2 | 0.01 | 99.48 |
| 127.0-128.0 | 15.2 | 1.3 | 10325.6 | 0.01 | 99.49 |
| 128.0-129.0 | 15.6 | 1.3 | 10326.9 | 0.01 | 99.51 |
| 129.0-130.0 | 16.0 | 1.4 | 10328.3 | 0.01 | 99.52 |
| 130.0-131.0 | 16.4 | 1.4 | 10329.6 | 0.01 | 99.53 |
| 131.0-132.0 | 16.7 | 1.4 | 10331.0 | 0.01 | 99.55 |
| 132.0-133.0 | 17.1 | 1.4 | 10332.4 | 0.01 | 99.56 |
| 133.0-134.0 | 17.5 | 1.4 | 10333.8 | 0.01 | 99.57 |
| 134.0-135.0 | 17.9 | 1.4 | 10335.2 | 0.01 | 99.59 |
| 135.0-136.0 | 18.2 | 1.4 | 10336.6 | 0.01 | 99.60 |
| 136.0-137.0 | 18.6 | 1.4 | 10338.0 | 0.01 | 99.61 |
| 137.0-138.0 | 19.0 | 1.4 | 10339.4 | 0.01 | 99.63 |
| 138.0-139.0 | 19.4 | 1.4 | 10340.8 | 0.01 | 99.64 |
| 139.0-140.0 | 19.8 | 1.4 | 10342.2 | 0.01 | 99.66 |
| 140.0-141.0 | 20.2 | 1.4 | 10343.6 | 0.01 | 99.67 |
| 141.0-142.0 | 20.5 | 1.4 | 10345.0 | 0.01 | 99.68 |
| 142.0-143.0 | 20.9 | 1.4 | 10346.4 | 0.01 | 99.70 |
| 143.0-144.0 | 21.2 | 1.4 | 10347.8 | 0.01 | 99.71 |

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 | 21.5 | 1.4 | 10349.2 | 0.01 | 99.72 |
| 145.0-146.0 | 21.8 | 1.4 | 10350.5 | 0.01 | 99.74 |
| 146.0-147.0 | 22.2 | 1.3 | 10351.9 | 0.01 | 99.75 |
| 147.0-148.0 | 22.6 | 1.3 | 10353.2 | 0.01 | 99.76 |
| 148.0-149.0 | 22.9 | 1.3 | 10354.5 | 0.01 | 99.77 |
| 149.0-150.0 | 23.2 | 1.3 | 10355.8 | 0.01 | 99.79 |
| 150.0-151.0 | 23.6 | 1.3 | 10357.1 | 0.01 | 99.80 |
| 151.0-152.0 | 24.0 | 1.3 | 10358.3 | 0.01 | 99.81 |
| 152.0-153.0 | 24.2 | 1.2 | 10359.6 | 0.01 | 99.82 |
| 153.0-154.0 | 24.6 | 1.2 | 10360.8 | 0.01 | 99.83 |
| 154.0-155.0 | 24.9 | 1.2 | 10361.9 | 0.01 | 99.85 |
| 155.0-156.0 | 25.2 | 1.1 | 10363.1 | 0.01 | 99.86 |
| 156.0-157.0 | 25.6 | 1.1 | 10364.2 | 0.01 | 99.87 |
| 157.0-158.0 | 25.8 | 1.1 | 10365.3 | 0.01 | 99.88 |
| 158.0-159.0 | 26.2 | 1.1 | 10366.3 | 0.01 | 99.89 |
| 159.0-160.0 | 26.5 | 1.0 | 10367.4 | 0.01 | 99.90 |
| 160.0-161.0 | 26.7 | 1.0 | 10368.3 | 0.01 | 99.91 |
| 161.0-162.0 | 27.0 | 0.9 | 10369.3 | 0.01 | 99.92 |
| 162.0-163.0 | 27.2 | 0.9 | 10370.2 | 0.01 | 99.92 |
| 163.0-164.0 | 27.5 | 0.9 | 10371.0 | 0.01 | 99.93 |
| 164.0-165.0 | 27.8 | 0.8 | 10371.8 | 0.01 | 99.94 |
| 165.0-166.0 | 28.0 | 0.8 | 10372.6 | 0.01 | 99.95 |
| 166.0-167.0 | 28.3 | 0.7 | 10373.3 | 0.01 | 99.96 |
| 167.0-168.0 | 28.5 | 0.7 | 10374.0 | 0.01 | 99.96 |
| 168.0-169.0 | 28.7 | 0.6 | 10374.6 | 0.01 | 99.97 |
| 169.0-170.0 | 28.9 | 0.6 | 10375.2 | 0.01 | 99.97 |
| 170.0-171.0 | 29.2 | 0.5 | 10375.7 | 0.01 | 99.98 |
| 171.0-172.0 | 29.4 | 0.5 | 10376.2 | 0.00 | 99.98 |
| 172.0-173.0 | 29.7 | 0.4 | 10376.7 | 0.00 | 99.99 |
| 173.0-174.0 | 29.8 | 0.4 | 10377.0 | 0.00 | 99.99 |
| 174.0-175.0 | 29.9 | 0.3 | 10377.3 | 0.00 | 99.99 |
| 175.0-176.0 | 30.0 | 0.3 | 10377.6 | 0.00 | 100.00 |
| 176.0-177.0 | 30.2 | 0.2 | 10377.8 | 0.00 | 100.00 |
| 177.0-178.0 | 30.2 | 0.1 | 10377.9 | 0.00 | 100.00 |
| 178.0-179.0 | 30.2 | 0.1 | 10378.0 | 0.00 | 100.00 |
| 179.0-180.0 | 30.3 | 0.0 | 10378.1 | 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 | 4254.7 | 4254.7 | 4254.7 | 4254.7 | 4254.7 | 4254.7 | 4254.7 | 4254.7 | 4254.7 | 4254.7 |
| G1.0 | 4258.7 | 4256.8 | 4248.4 | 4255.7 | 4254.0 | 4253.4 | 4251.1 | 4248.4 | 4247.8 | 4254.4 |
| G2.0 | 4258.9 | 4251.6 | 4255.8 | 4255.8 | 4251.4 | 4245.6 | 4248.2 | 4245.2 | 4244.9 | 4248.8 |
| G3.0 | 4247.5 | 4252.9 | 4250.2 | 4252.7 | 4244.8 | 4244.0 | 4240.0 | 4241.9 | 4229.3 | 4235.5 |
| G4.0 | 4246.6 | 4252.2 | 4247.1 | 4242.1 | 4241.6 | 4237.9 | 4231.2 | 4226.7 | 4214.1 | 4224.3 |
| G5.0 | 4239.8 | 4239.8 | 4230.3 | 4237.2 | 4227.3 | 4225.7 | 4219.1 | 4221.9 | 4199.8 | 4214.9 |
| G6.0 | 4232.9 | 4226.6 | 4226.8 | 4227.8 | 4219.4 | 4209.2 | 4209.8 | 4204.1 | 4181.5 | 4195.9 |
| G7.0 | 4215.0 | 4209.7 | 4216.1 | 4211.2 | 4210.2 | 4201.6 | 4194.4 | 4187.2 | 4160.8 | 4179.2 |
| G8.0 | 4197.3 | 4198.0 | 4198.7 | 4202.2 | 4193.7 | 4183.4 | 4177.1 | 4171.5 | 4138.1 | 4157.3 |
| G9.0 | 4178.0 | 4185.3 | 4182.3 | 4188.7 | 4180.5 | 4165.8 | 4158.5 | 4151.6 | 4113.8 | 4131.7 |
| G10.0 | 4161.2 | 4163.9 | 4159.9 | 4167.7 | 4160.9 | 4147.5 | 4133.9 | 4127.7 | 4083.5 | 4106.5 |
| G11.0 | 4137.9 | 4140.7 | 4141.5 | 4146.1 | 4139.8 | 4124.7 | 4114.1 | 4099.0 | 4050.3 | 4076.9 |
| G12.0 | 4107.6 | 4116.3 | 4120.4 | 4124.1 | 4118.4 | 4102.8 | 4087.1 | 4073.6 | 4017.8 | 4046.1 |
| G13.0 | 4080.9 | 4085.8 | 4090.0 | 4096.8 | 4093.0 | 4077.7 | 4056.3 | 4039.5 | 3984.5 | 4010.7 |
| G14.0 | 4049.1 | 4058.9 | 4063.6 | 4067.6 | 4070.0 | 4047.7 | 4023.9 | 4007.8 | 3946.3 | 3976.7 |
| G15.0 | 4019.2 | 4023.7 | 4037.2 | 4044.7 | 4037.0 | 4019.8 | 3997.7 | 3975.4 | 3909.8 | 3936.5 |
| G16.0 | 3982.1 | 3993.3 | 4000.9 | 4011.7 | 4008.1 | 3989.9 | 3958.3 | 3939.9 | 3866.4 | 3898.5 |
| G17.0 | 3947.8 | 3955.1 | 3968.6 | 3982.5 | 3975.9 | 3957.4 | 3923.8 | 3893.6 | 3821.7 | 3855.4 |
| G18.0 | 3909.4 | 3919.7 | 3933.2 | 3948.9 | 3944.4 | 3923.1 | 3889.5 | 3856.8 | 3782.1 | 3813.3 |
| G19.0 | 3871.0 | 3880.5 | 3895.2 | 3909.1 | 3911.5 | 3885.0 | 3849.0 | 3810.8 | 3731.2 | 3768.9 |
| G20.0 | 3824.7 | 3837.6 | 3855.2 | 3874.9 | 3875.4 | 3845.6 | 3806.6 | 3772.7 | 3682.7 | 3719.7 |
| G21.0 | 3780.1 | 3791.0 | 3811.3 | 3832.1 | 3836.1 | 3804.1 | 3763.7 | 3724.1 | 3630.2 | 3672.8 |
| G22.0 | 3732.8 | 3749.7 | 3772.1 | 3791.1 | 3791.5 | 3767.1 | 3720.8 | 3673.4 | 3581.3 | 3620.0 |
| G23.0 | 3683.9 | 3697.5 | 3726.3 | 3747.3 | 3754.0 | 3721.4 | 3674.7 | 3622.3 | 3528.3 | 3567.1 |
| G24.0 | 3633.0 | 3649.5 | 3675.2 | 3709.0 | 3709.0 | 3673.7 | 3618.7 | 3568.9 | 3468.1 | 3512.6 |
| G25.0 | 3584.3 | 3597.9 | 3631.0 | 3661.2 | 3666.4 | 3631.2 | 3574.3 | 3520.6 | 3415.3 | 3454.3 |
| G26.0 | 3531.6 | 3546.5 | 3579.0 | 3613.1 | 3618.9 | 3584.2 | 3524.6 | 3460.4 | 3357.9 | 3397.1 |
| G27.0 | 3476.3 | 3493.1 | 3527.4 | 3560.2 | 3569.1 | 3530.4 | 3468.8 | 3406.4 | 3299.3 | 3341.5 |
| G28.0 | 3421.2 | 3437.9 | 3474.1 | 3516.9 | 3521.4 | 3483.3 | 3413.3 | 3348.4 | 3235.6 | 3280.3 |
| G29.0 | 3362.3 | 3378.6 | 3421.3 | 3462.9 | 3468.9 | 3430.0 | 3358.8 | 3290.8 | 3177.6 | 3216.3 |
| G30.0 | 3305.5 | 3321.8 | 3364.7 | 3407.0 | 3420.2 | 3374.8 | 3306.0 | 3230.7 | 3111.7 | 3158.8 |
| G31.0 | 3244.3 | 3261.5 | 3305.7 | 3353.5 | 3364.7 | 3319.5 | 3246.8 | 3171.8 | 3050.5 | 3098.7 |
| G32.0 | 3184.0 | 3208.6 | 3253.2 | 3299.7 | 3312.6 | 3267.4 | 3186.8 | 3109.5 | 2989.0 | 3034.8 |
| G33.0 | 3120.8 | 3143.7 | 3192.7 | 3244.0 | 3254.5 | 3206.2 | 3127.1 | 3046.4 | 2923.9 | 2970.9 |
| G34.0 | 3057.7 | 3073.6 | 3132.1 | 3184.8 | 3193.3 | 3150.5 | 3065.2 | 2981.0 | 2858.3 | 2904.7 |
| G35.0 | 2997.6 | 3016.7 | 3068.0 | 3127.0 | 3140.5 | 3086.2 | 3003.5 | 2919.7 | 2791.4 | 2840.8 |
| G36.0 | 2929.5 | 2953.8 | 3009.4 | 3066.1 | 3077.5 | 3031.5 | 2941.0 | 2858.7 | 2722.1 | 2774.2 |

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

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

# Candlepower Table (Continue 1)

Unit: cd

| G\C | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|---|---|---|---|---|---|---|---|---|---|---|
| G37.0 | 2866.5 | 2889.9 | 2944.7 | 3008.5 | 3021.2 | 2968.1 | 2881.0 | 2793.2 | 2661.7 | 2709.6 |
| G38.0 | 2800.8 | 2820.6 | 2882.6 | 2944.3 | 2959.9 | 2908.1 | 2817.4 | 2725.2 | 2596.5 | 2647.7 |
| G39.0 | 2732.6 | 2761.8 | 2818.4 | 2886.1 | 2898.4 | 2847.0 | 2750.6 | 2661.4 | 2528.3 | 2576.0 |
| G40.0 | 2664.6 | 2691.2 | 2756.2 | 2820.2 | 2834.2 | 2780.6 | 2687.9 | 2595.3 | 2465.1 | 2510.7 |
| G41.0 | 2602.1 | 2627.1 | 2688.6 | 2757.3 | 2773.0 | 2717.2 | 2622.0 | 2526.7 | 2396.2 | 2447.4 |
| G42.0 | 2536.1 | 2558.0 | 2625.9 | 2692.7 | 2707.7 | 2654.9 | 2557.5 | 2462.8 | 2330.1 | 2379.8 |
| G43.0 | 2468.5 | 2495.8 | 2561.6 | 2628.8 | 2645.2 | 2589.5 | 2493.2 | 2401.4 | 2263.2 | 2315.2 |
| G44.0 | 2402.7 | 2429.1 | 2493.4 | 2563.9 | 2581.7 | 2527.9 | 2423.6 | 2330.5 | 2200.3 | 2250.4 |
| G45.0 | 2335.5 | 2361.8 | 2430.6 | 2499.3 | 2516.9 | 2461.3 | 2359.1 | 2266.2 | 2132.6 | 2179.8 |
| G46.0 | 2267.7 | 2293.0 | 2361.5 | 2434.7 | 2453.3 | 2396.5 | 2296.3 | 2200.6 | 2066.1 | 2116.2 |
| G47.0 | 2203.4 | 2230.0 | 2299.2 | 2367.2 | 2387.7 | 2329.8 | 2227.9 | 2136.2 | 2007.3 | 2049.3 |
| G48.0 | 2138.3 | 2164.2 | 2233.6 | 2304.2 | 2323.4 | 2267.4 | 2162.1 | 2068.4 | 1940.3 | 1987.7 |
| G49.0 | 2073.0 | 2096.9 | 2166.5 | 2236.4 | 2258.5 | 2202.4 | 2098.6 | 2007.8 | 1875.5 | 1923.8 |
| G50.0 | 2007.9 | 2031.6 | 2097.1 | 2174.8 | 2192.0 | 2135.5 | 2031.6 | 1942.5 | 1814.6 | 1860.3 |
| G51.0 | 1945.3 | 1966.2 | 2033.0 | 2108.8 | 2124.5 | 2069.5 | 1968.7 | 1876.2 | 1751.3 | 1797.8 |
| G52.0 | 1880.0 | 1902.4 | 1968.9 | 2043.5 | 2061.5 | 2006.5 | 1904.3 | 1816.1 | 1688.1 | 1734.7 |
| G53.0 | 1817.3 | 1835.9 | 1904.0 | 1976.5 | 1994.9 | 1941.5 | 1839.8 | 1753.1 | 1628.2 | 1669.9 |
| G54.0 | 1754.7 | 1775.2 | 1840.8 | 1910.7 | 1928.5 | 1872.3 | 1777.2 | 1688.0 | 1567.3 | 1606.8 |
| G55.0 | 1692.6 | 1710.3 | 1775.4 | 1844.9 | 1861.3 | 1807.6 | 1715.3 | 1626.6 | 1507.6 | 1548.1 |
| G56.0 | 1630.0 | 1649.7 | 1711.0 | 1784.0 | 1802.2 | 1747.9 | 1654.2 | 1566.9 | 1445.3 | 1486.9 |
| G57.0 | 1569.7 | 1588.8 | 1650.9 | 1718.6 | 1735.8 | 1684.2 | 1590.9 | 1504.1 | 1386.7 | 1427.1 |
| G58.0 | 1508.1 | 1527.6 | 1584.2 | 1654.7 | 1671.9 | 1620.0 | 1528.4 | 1446.6 | 1326.2 | 1366.4 |
| G59.0 | 1447.9 | 1469.1 | 1523.9 | 1590.9 | 1605.0 | 1556.2 | 1467.4 | 1383.9 | 1267.7 | 1307.0 |
| G60.0 | 1387.0 | 1405.0 | 1463.1 | 1524.2 | 1544.1 | 1492.3 | 1406.9 | 1326.1 | 1213.1 | 1250.2 |
| G61.0 | 1331.4 | 1347.4 | 1401.6 | 1464.1 | 1478.7 | 1431.2 | 1346.6 | 1269.7 | 1156.2 | 1193.4 |
| G62.0 | 1273.4 | 1288.3 | 1340.4 | 1398.6 | 1418.5 | 1373.1 | 1286.9 | 1213.4 | 1100.1 | 1137.6 |
| G63.0 | 1216.2 | 1229.4 | 1280.5 | 1338.2 | 1357.1 | 1311.1 | 1227.9 | 1156.2 | 1045.8 | 1078.0 |
| G64.0 | 1157.0 | 1174.0 | 1222.0 | 1279.7 | 1293.4 | 1249.7 | 1167.3 | 1097.9 | 991.3 | 1023.9 |
| G65.0 | 1101.5 | 1113.7 | 1164.6 | 1219.7 | 1233.6 | 1190.0 | 1111.6 | 1041.8 | 938.4 | 967.3 |
| G66.0 | 1048.4 | 1059.1 | 1104.5 | 1158.5 | 1173.0 | 1131.2 | 1056.5 | 985.5 | 884.9 | 915.5 |
| G67.0 | 994.2 | 1005.4 | 1048.4 | 1100.6 | 1114.5 | 1071.6 | 1000.0 | 936.3 | 833.7 | 861.7 |
| G68.0 | 938.3 | 951.8 | 991.4 | 1042.1 | 1054.6 | 1014.0 | 940.8 | 879.6 | 779.9 | 809.2 |
| G69.0 | 887.5 | 896.0 | 935.2 | 984.0 | 998.2 | 959.1 | 888.1 | 827.6 | 730.1 | 758.2 |
| G70.0 | 835.7 | 844.0 | 880.4 | 926.3 | 940.3 | 903.9 | 834.4 | 776.7 | 687.3 | 706.8 |
| G71.0 | 783.4 | 792.7 | 828.6 | 872.0 | 883.1 | 847.5 | 780.9 | 725.3 | 634.0 | 659.0 |
| G72.0 | 731.4 | 741.5 | 775.6 | 816.6 | 827.0 | 793.3 | 728.1 | 676.9 | 586.0 | 609.9 |
| G73.0 | 686.6 | 688.5 | 722.6 | 763.2 | 773.0 | 738.8 | 680.4 | 627.9 | 541.2 | 560.8 |

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 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 | 637.6 | 642.3 | 671.1 | 708.1 | 716.5 | 688.6 | 628.5 | 581.5 | 495.4 | 515.4 |
| G75.0 | 588.6 | 594.8 | 621.0 | 657.2 | 666.3 | 634.7 | 577.8 | 532.5 | 451.1 | 468.8 |
| G76.0 | 542.7 | 546.0 | 571.1 | 606.6 | 615.8 | 585.6 | 529.6 | 487.9 | 407.0 | 424.6 |
| G77.0 | 496.9 | 501.3 | 521.8 | 556.1 | 564.4 | 535.2 | 483.2 | 442.9 | 364.4 | 380.3 |
| G78.0 | 452.5 | 454.7 | 474.9 | 504.8 | 514.6 | 486.6 | 437.2 | 399.8 | 324.1 | 340.3 |
| G79.0 | 408.3 | 411.7 | 429.9 | 458.2 | 464.6 | 438.3 | 391.8 | 355.0 | 283.7 | 300.0 |
| G80.0 | 366.4 | 368.5 | 385.4 | 410.9 | 417.8 | 392.4 | 342.5 | 314.6 | 245.2 | 259.0 |
| G81.0 | 327.3 | 326.8 | 342.9 | 363.4 | 370.6 | 342.8 | 306.2 | 275.2 | 207.5 | 220.6 |
| G82.0 | 286.8 | 285.6 | 298.1 | 318.9 | 328.7 | 303.1 | 263.4 | 236.1 | 170.4 | 183.1 |
| G83.0 | 249.2 | 246.7 | 256.8 | 275.9 | 284.6 | 258.6 | 223.6 | 198.5 | 138.0 | 146.1 |
| G84.0 | 210.4 | 208.1 | 215.7 | 232.3 | 240.5 | 217.5 | 183.3 | 161.4 | 106.5 | 113.4 |
| G85.0 | 175.6 | 171.2 | 177.2 | 191.2 | 200.2 | 174.6 | 146.3 | 126.7 | 78.3 | 84.0 |
| G86.0 | 140.9 | 138.6 | 142.4 | 153.3 | 158.8 | 136.4 | 109.5 | 95.0 | 52.6 | 57.8 |
| G87.0 | 109.0 | 106.0 | 107.1 | 113.7 | 119.8 | 98.9 | 75.8 | 66.0 | 28.9 | 33.0 |
| G88.0 | 79.9 | 77.1 | 75.0 | 79.4 | 83.5 | 63.6 | 48.0 | 41.4 | 11.0 | 13.0 |
| G89.0 | 55.0 | 50.4 | 46.4 | 45.9 | 47.5 | 31.7 | 23.6 | 20.0 | 4.0 | 4.3 |
| G90.0 | 30.5 | 26.9 | 21.9 | 19.3 | 15.4 | 8.9 | 6.5 | 6.1 | 3.7 | 3.1 |
| G91.0 | 12.6 | 9.8 | 6.3 | 5.2 | 4.5 | 4.9 | 4.4 | 4.0 | 3.2 | 3.8 |
| G92.0 | 5.1 | 4.3 | 3.9 | 4.8 | 5.0 | 5.1 | 4.3 | 4.3 | 3.9 | 3.6 |
| G93.0 | 4.5 | 4.0 | 4.0 | 5.1 | 5.4 | 5.1 | 4.6 | 4.0 | 4.1 | 3.7 |
| G94.0 | 4.6 | 4.2 | 4.5 | 5.5 | 5.7 | 5.5 | 4.6 | 4.9 | 4.1 | 3.7 |
| G95.0 | 5.1 | 4.4 | 4.6 | 5.7 | 5.8 | 6.1 | 4.9 | 5.2 | 4.1 | 4.3 |
| G96.0 | 5.1 | 5.5 | 5.4 | 5.7 | 6.1 | 6.3 | 5.5 | 5.4 | 4.7 | 3.8 |
| G97.0 | 5.8 | 5.4 | 5.5 | 6.2 | 6.4 | 6.1 | 5.8 | 5.4 | 4.3 | 4.6 |
| G98.0 | 6.0 | 6.1 | 5.8 | 6.7 | 6.2 | 6.9 | 5.5 | 5.5 | 4.9 | 4.5 |
| G99.0 | 5.5 | 5.7 | 5.5 | 6.4 | 6.7 | 6.8 | 6.7 | 6.2 | 5.5 | 4.8 |
| G100.0 | 6.4 | 6.0 | 6.1 | 7.3 | 7.1 | 7.4 | 6.5 | 5.8 | 5.5 | 4.9 |
| G101.0 | 6.4 | 6.5 | 6.4 | 6.9 | 7.4 | 7.7 | 6.8 | 6.3 | 5.0 | 5.4 |
| G102.0 | 6.8 | 6.4 | 6.5 | 7.6 | 7.9 | 7.9 | 7.1 | 6.7 | 5.8 | 5.2 |
| G103.0 | 7.4 | 6.8 | 6.8 | 7.8 | 8.0 | 8.2 | 7.6 | 7.3 | 5.5 | 5.6 |
| G104.0 | 7.4 | 7.0 | 7.3 | 8.1 | 8.7 | 8.6 | 7.4 | 7.5 | 6.3 | 6.1 |
| G105.0 | 7.8 | 7.3 | 7.6 | 8.8 | 8.7 | 8.9 | 8.0 | 7.7 | 6.5 | 6.4 |
| G106.0 | 7.7 | 8.1 | 8.2 | 9.1 | 9.6 | 9.5 | 8.1 | 8.4 | 6.8 | 6.7 |
| G107.0 | 8.0 | 7.7 | 8.4 | 9.2 | 9.6 | 9.5 | 8.8 | 8.3 | 7.2 | 6.8 |
| G108.0 | 8.7 | 8.2 | 8.7 | 9.7 | 10.0 | 9.9 | 8.8 | 8.6 | 7.1 | 7.1 |
| G109.0 | 8.9 | 8.8 | 9.2 | 10.1 | 10.2 | 10.6 | 9.9 | 9.0 | 7.5 | 7.5 |
| G110.0 | 9.6 | 9.3 | 9.2 | 10.6 | 10.6 | 10.7 | 10.0 | 9.4 | 8.0 | 7.7 |

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 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 | 9.4 | 9.3 | 9.4 | 11.0 | 11.1 | 10.9 | 10.2 | 9.5 | 8.4 | 8.4 |
| G112.0 | 10.0 | 9.8 | 10.1 | 11.0 | 11.4 | 10.9 | 10.8 | 10.1 | 8.9 | 8.1 |
| G113.0 | 10.3 | 10.5 | 10.5 | 11.6 | 12.0 | 11.7 | 10.7 | 10.4 | 8.9 | 8.4 |
| G114.0 | 10.6 | 10.6 | 10.7 | 11.7 | 12.4 | 12.0 | 10.7 | 10.7 | 9.6 | 9.3 |
| G115.0 | 10.8 | 10.7 | 11.0 | 12.5 | 12.4 | 12.4 | 11.8 | 11.2 | 9.5 | 8.9 |
| G116.0 | 11.0 | 11.3 | 11.6 | 12.5 | 13.2 | 13.1 | 11.9 | 11.3 | 9.7 | 9.5 |
| G117.0 | 11.9 | 11.3 | 11.7 | 12.8 | 13.5 | 13.4 | 12.6 | 12.0 | 10.2 | 9.9 |
| G118.0 | 11.7 | 12.3 | 12.4 | 13.6 | 13.8 | 13.8 | 12.4 | 12.0 | 10.6 | 10.0 |
| G119.0 | 11.7 | 12.4 | 12.8 | 13.9 | 14.7 | 14.2 | 13.3 | 12.9 | 11.1 | 10.5 |
| G120.0 | 12.6 | 12.6 | 13.0 | 14.2 | 14.7 | 14.6 | 13.4 | 13.1 | 11.1 | 11.2 |
| G121.0 | 13.2 | 13.1 | 13.3 | 14.5 | 14.9 | 14.9 | 14.0 | 13.3 | 11.6 | 11.6 |
| G122.0 | 13.5 | 13.2 | 13.8 | 14.8 | 15.1 | 15.0 | 14.3 | 13.7 | 12.0 | 11.9 |
| G123.0 | 14.1 | 13.8 | 13.7 | 15.8 | 15.8 | 15.9 | 14.6 | 14.2 | 12.5 | 12.5 |
| G124.0 | 14.0 | 14.3 | 14.4 | 15.7 | 16.1 | 15.6 | 14.9 | 14.5 | 12.3 | 12.8 |
| G125.0 | 14.2 | 14.9 | 14.9 | 15.6 | 16.6 | 16.1 | 15.4 | 14.5 | 12.8 | 12.8 |
| G126.0 | 15.0 | 14.8 | 15.6 | 16.8 | 17.0 | 16.7 | 15.6 | 15.2 | 13.3 | 13.0 |
| G127.0 | 15.9 | 15.5 | 15.6 | 16.6 | 17.2 | 16.8 | 16.3 | 15.4 | 14.1 | 13.2 |
| G128.0 | 15.9 | 15.0 | 15.7 | 17.4 | 17.2 | 17.3 | 16.7 | 16.3 | 14.4 | 13.6 |
| G129.0 | 16.2 | 16.3 | 16.2 | 18.3 | 18.0 | 17.9 | 16.9 | 16.2 | 14.6 | 14.8 |
| G130.0 | 16.6 | 16.6 | 17.0 | 18.1 | 18.2 | 17.9 | 17.6 | 16.7 | 14.8 | 14.5 |
| G131.0 | 16.7 | 16.9 | 17.0 | 18.1 | 18.8 | 18.8 | 17.7 | 17.3 | 15.2 | 15.5 |
| G132.0 | 17.0 | 17.3 | 17.2 | 18.6 | 19.5 | 18.9 | 17.9 | 17.0 | 15.8 | 15.5 |
| G133.0 | 18.0 | 17.9 | 18.0 | 19.1 | 19.8 | 19.5 | 18.6 | 18.0 | 16.2 | 15.6 |
| G134.0 | 18.1 | 18.1 | 18.1 | 19.7 | 19.9 | 19.6 | 18.4 | 18.0 | 16.4 | 16.2 |
| G135.0 | 18.7 | 18.6 | 18.5 | 19.9 | 20.7 | 19.9 | 18.7 | 18.5 | 16.1 | 16.6 |
| G136.0 | 18.7 | 18.8 | 18.9 | 20.3 | 20.7 | 19.9 | 19.4 | 19.0 | 17.2 | 16.6 |
| G137.0 | 19.5 | 18.9 | 19.2 | 21.0 | 20.7 | 20.8 | 19.9 | 19.0 | 17.4 | 17.4 |
| G138.0 | 19.7 | 19.9 | 19.8 | 21.1 | 22.0 | 21.1 | 20.3 | 19.9 | 18.6 | 17.5 |
| G139.0 | 20.2 | 19.4 | 20.4 | 21.6 | 21.8 | 21.7 | 20.6 | 19.9 | 18.4 | 17.9 |
| G140.0 | 20.6 | 20.3 | 20.6 | 21.8 | 22.2 | 21.9 | 20.7 | 20.3 | 18.7 | 18.2 |
| G141.0 | 21.5 | 20.4 | 21.0 | 22.4 | 22.9 | 22.3 | 20.9 | 21.0 | 19.0 | 18.9 |
| G142.0 | 21.4 | 21.2 | 21.3 | 22.1 | 23.0 | 22.5 | 21.9 | 20.8 | 19.2 | 19.4 |
| G143.0 | 21.2 | 21.7 | 21.7 | 22.7 | 23.1 | 22.7 | 22.0 | 21.8 | 19.5 | 19.5 |
| G144.0 | 21.7 | 21.6 | 22.1 | 22.9 | 23.1 | 23.1 | 22.3 | 21.8 | 20.6 | 20.3 |
| G145.0 | 21.9 | 21.9 | 22.1 | 23.2 | 23.9 | 23.3 | 22.5 | 21.8 | 20.4 | 20.7 |
| G146.0 | 22.1 | 22.5 | 22.7 | 23.2 | 24.2 | 23.9 | 22.7 | 22.1 | 20.8 | 20.6 |
| G147.0 | 22.6 | 23.1 | 22.9 | 24.2 | 24.3 | 23.9 | 23.3 | 22.9 | 21.0 | 21.7 |

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 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 | 23.2 | 22.9 | 23.4 | 24.2 | 24.7 | 24.4 | 23.4 | 22.9 | 21.0 | 22.0 |
| G149.0 | 23.0 | 23.2 | 23.5 | 24.8 | 25.1 | 24.5 | 23.9 | 23.2 | 21.7 | 21.4 |
| G150.0 | 23.8 | 23.7 | 23.8 | 25.1 | 25.5 | 24.6 | 24.5 | 23.4 | 22.2 | 21.7 |
| G151.0 | 24.2 | 24.3 | 24.2 | 24.9 | 25.8 | 25.3 | 24.5 | 24.1 | 22.6 | 22.9 |
| G152.0 | 24.4 | 24.1 | 24.6 | 26.1 | 25.7 | 25.2 | 25.3 | 24.0 | 23.2 | 23.1 |
| G153.0 | 24.8 | 24.5 | 24.8 | 26.2 | 26.1 | 25.8 | 25.3 | 24.7 | 23.6 | 23.5 |
| G154.0 | 25.0 | 25.0 | 25.4 | 26.2 | 26.6 | 25.9 | 25.0 | 25.2 | 23.7 | 23.8 |
| G155.0 | 25.1 | 25.5 | 25.1 | 26.3 | 27.3 | 26.5 | 25.2 | 25.1 | 23.2 | 23.8 |
| G156.0 | 25.4 | 25.7 | 25.6 | 27.2 | 27.3 | 26.7 | 26.4 | 25.6 | 24.1 | 24.4 |
| G157.0 | 25.7 | 25.8 | 25.6 | 27.8 | 27.4 | 26.7 | 25.6 | 25.9 | 24.1 | 25.4 |
| G158.0 | 26.8 | 25.7 | 26.2 | 27.3 | 28.2 | 27.7 | 26.3 | 26.0 | 25.0 | 25.4 |
| G159.0 | 27.3 | 26.9 | 27.1 | 27.9 | 28.1 | 27.6 | 26.5 | 26.6 | 25.5 | 25.4 |
| G160.0 | 26.6 | 26.9 | 26.7 | 28.0 | 28.3 | 27.8 | 26.9 | 26.9 | 25.7 | 25.6 |
| G161.0 | 26.9 | 27.3 | 27.1 | 28.0 | 28.2 | 27.8 | 27.5 | 27.0 | 26.0 | 26.1 |
| G162.0 | 27.4 | 26.9 | 27.2 | 28.5 | 28.3 | 28.2 | 27.3 | 27.2 | 26.1 | 26.2 |
| G163.0 | 28.0 | 27.3 | 27.5 | 28.6 | 28.2 | 28.6 | 28.2 | 27.5 | 26.2 | 26.7 |
| G164.0 | 28.1 | 27.9 | 27.6 | 28.6 | 28.6 | 28.6 | 27.3 | 27.8 | 26.9 | 27.4 |
| G165.0 | 27.5 | 27.9 | 27.8 | 29.4 | 28.9 | 28.8 | 27.8 | 28.4 | 27.2 | 27.3 |
| G166.0 | 28.6 | 28.0 | 28.0 | 29.8 | 29.5 | 28.8 | 28.2 | 28.3 | 27.2 | 27.6 |
| G167.0 | 28.9 | 28.6 | 28.2 | 29.7 | 29.5 | 29.2 | 28.2 | 28.4 | 27.6 | 28.6 |
| G168.0 | 28.8 | 28.6 | 28.5 | 29.9 | 29.5 | 29.3 | 28.6 | 28.3 | 27.8 | 28.0 |
| G169.0 | 28.9 | 28.8 | 28.7 | 30.0 | 29.8 | 29.2 | 29.0 | 28.5 | 28.3 | 27.6 |
| G170.0 | 29.8 | 28.7 | 29.1 | 29.7 | 29.8 | 29.8 | 29.3 | 29.3 | 29.1 | 28.7 |
| G171.0 | 29.5 | 29.4 | 29.3 | 30.4 | 30.2 | 30.0 | 28.9 | 29.4 | 29.1 | 29.0 |
| G172.0 | 30.1 | 29.8 | 29.3 | 30.4 | 30.1 | 29.9 | 29.2 | 29.7 | 29.3 | 29.1 |
| G173.0 | 30.5 | 29.7 | 29.1 | 31.1 | 30.6 | 30.1 | 29.9 | 29.6 | 29.8 | 29.9 |
| G174.0 | 30.5 | 29.9 | 29.7 | 30.4 | 30.4 | 30.2 | 29.4 | 29.5 | 29.4 | 29.4 |
| G175.0 | 30.5 | 30.1 | 29.6 | 30.4 | 31.1 | 29.9 | 29.5 | 29.6 | 29.8 | 29.9 |
| G176.0 | 30.5 | 29.4 | 29.8 | 30.9 | 30.8 | 30.3 | 29.8 | 29.7 | 30.2 | 30.0 |
| G177.0 | 30.6 | 30.1 | 30.1 | 31.0 | 30.6 | 30.6 | 29.9 | 30.0 | 30.4 | 30.0 |
| G178.0 | 30.2 | 30.3 | 30.1 | 31.1 | 30.2 | 30.8 | 29.8 | 29.9 | 30.7 | 30.4 |
| G179.0 | 31.0 | 29.9 | 29.9 | 31.1 | 30.0 | 30.3 | 29.5 | 29.6 | 30.7 | 30.0 |
| G180.0 | 31.3 | 30.5 | 30.4 | 31.0 | 30.8 | 30.3 | 29.8 | 29.4 | 30.7 | 30.3 |
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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 | 4254.7 | 4254.7 | 4254.7 | 4254.7 | 4254.7 | 4254.7 | 4254.7 | | | |
| G1.0 | 4249.2 | 4253.1 | 4249.1 | 4249.7 | 4252.2 | 4248.4 | 4258.7 | | | |
| G2.0 | 4243.3 | 4248.2 | 4250.9 | 4246.5 | 4250.3 | 4249.3 | 4258.9 | | | |
| G3.0 | 4233.7 | 4240.4 | 4244.0 | 4240.2 | 4246.5 | 4245.0 | 4247.5 | | | |
| G4.0 | 4224.1 | 4228.9 | 4236.8 | 4237.9 | 4237.0 | 4233.0 | 4246.6 | | | |
| G5.0 | 4213.2 | 4221.5 | 4227.4 | 4222.8 | 4227.8 | 4223.3 | 4239.8 | | | |
| G6.0 | 4203.1 | 4205.4 | 4213.6 | 4219.0 | 4217.0 | 4209.9 | 4232.9 | | | |
| G7.0 | 4181.8 | 4192.3 | 4200.8 | 4203.1 | 4203.9 | 4190.3 | 4215.0 | | | |
| G8.0 | 4164.6 | 4179.1 | 4186.0 | 4189.2 | 4185.2 | 4174.8 | 4197.3 | | | |
| G9.0 | 4141.4 | 4157.6 | 4167.5 | 4168.2 | 4166.5 | 4158.3 | 4178.0 | | | |
| G10.0 | 4119.9 | 4134.6 | 4153.5 | 4150.9 | 4144.0 | 4134.8 | 4161.2 | | | |
| G11.0 | 4087.4 | 4112.9 | 4126.8 | 4127.2 | 4122.8 | 4104.7 | 4137.9 | | | |
| G12.0 | 4063.9 | 4091.4 | 4107.7 | 4101.9 | 4094.5 | 4081.8 | 4107.6 | | | |
| G13.0 | 4032.9 | 4062.7 | 4076.0 | 4078.3 | 4069.8 | 4050.4 | 4080.9 | | | |
| G14.0 | 4000.2 | 4029.8 | 4054.2 | 4054.3 | 4041.5 | 4020.8 | 4049.1 | | | |
| G15.0 | 3968.1 | 4001.8 | 4025.8 | 4025.1 | 4010.4 | 3985.7 | 4019.2 | | | |
| G16.0 | 3933.4 | 3967.0 | 3994.4 | 3989.6 | 3975.2 | 3948.7 | 3982.1 | | | |
| G17.0 | 3891.8 | 3933.7 | 3960.5 | 3961.3 | 3943.2 | 3912.4 | 3947.8 | | | |
| G18.0 | 3854.0 | 3899.2 | 3923.7 | 3925.0 | 3901.9 | 3870.9 | 3909.4 | | | |
| G19.0 | 3808.3 | 3859.3 | 3887.3 | 3887.3 | 3863.4 | 3827.6 | 3871.0 | | | |
| G20.0 | 3767.6 | 3819.7 | 3851.2 | 3846.2 | 3818.8 | 3786.0 | 3824.7 | | | |
| G21.0 | 3720.4 | 3776.5 | 3811.9 | 3810.3 | 3779.3 | 3740.2 | 3780.1 | | | |
| G22.0 | 3673.4 | 3736.1 | 3772.7 | 3764.5 | 3733.3 | 3688.4 | 3732.8 | | | |
| G23.0 | 3626.9 | 3692.8 | 3723.1 | 3720.2 | 3687.2 | 3643.2 | 3683.9 | | | |
| G24.0 | 3573.5 | 3643.8 | 3680.9 | 3679.2 | 3636.4 | 3589.5 | 3633.0 | | | |
| G25.0 | 3525.7 | 3595.1 | 3639.9 | 3631.4 | 3587.4 | 3537.4 | 3584.3 | | | |
| G26.0 | 3469.0 | 3546.4 | 3583.7 | 3581.4 | 3538.7 | 3484.5 | 3531.6 | | | |
| G27.0 | 3414.6 | 3492.2 | 3538.1 | 3531.0 | 3484.6 | 3431.3 | 3476.3 | | | |
| G28.0 | 3359.6 | 3441.7 | 3487.9 | 3480.2 | 3432.4 | 3372.0 | 3421.2 | | | |
| G29.0 | 3299.8 | 3385.5 | 3436.4 | 3424.9 | 3379.8 | 3313.1 | 3362.3 | | | |
| G30.0 | 3238.9 | 3331.3 | 3382.8 | 3372.4 | 3321.8 | 3253.5 | 3305.5 | | | |
| G31.0 | 3182.9 | 3277.9 | 3330.1 | 3318.2 | 3263.4 | 3189.4 | 3244.3 | | | |
| G32.0 | 3119.0 | 3218.3 | 3271.3 | 3260.1 | 3203.0 | 3133.0 | 3184.0 | | | |
| G33.0 | 3058.4 | 3155.9 | 3216.9 | 3203.7 | 3143.0 | 3066.3 | 3120.8 | | | |
| G34.0 | 2996.5 | 3099.0 | 3158.9 | 3145.3 | 3081.0 | 3005.0 | 3057.7 | | | |
| G35.0 | 2935.3 | 3041.8 | 3101.0 | 3084.9 | 3018.0 | 2941.5 | 2997.6 | | | |
| G36.0 | 2871.6 | 2976.6 | 3037.4 | 3028.0 | 2956.1 | 2881.7 | 2929.5 | | | |

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 6)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| G37.0 | 2807.6 | 2916.0 | 2978.2 | 2965.0 | 2892.3 | 2816.1 | 2866.5 | | | |
| G38.0 | 2742.4 | 2855.6 | 2918.0 | 2903.6 | 2830.0 | 2747.3 | 2800.8 | | | |
| G39.0 | 2677.7 | 2790.3 | 2855.1 | 2842.1 | 2766.3 | 2680.1 | 2732.6 | | | |
| G40.0 | 2611.9 | 2723.5 | 2793.0 | 2778.5 | 2702.8 | 2616.8 | 2664.6 | | | |
| G41.0 | 2550.5 | 2662.7 | 2726.9 | 2711.0 | 2635.5 | 2550.2 | 2602.1 | | | |
| G42.0 | 2480.9 | 2596.3 | 2662.3 | 2645.8 | 2571.8 | 2481.8 | 2536.1 | | | |
| G43.0 | 2418.4 | 2530.8 | 2597.6 | 2585.8 | 2505.7 | 2417.7 | 2468.5 | | | |
| G44.0 | 2350.2 | 2467.8 | 2533.8 | 2515.9 | 2441.9 | 2351.1 | 2402.7 | | | |
| G45.0 | 2284.6 | 2400.9 | 2465.2 | 2451.1 | 2373.8 | 2284.5 | 2335.5 | | | |
| G46.0 | 2214.7 | 2334.1 | 2397.4 | 2385.9 | 2307.2 | 2217.0 | 2267.7 | | | |
| G47.0 | 2150.3 | 2267.4 | 2336.5 | 2318.4 | 2240.9 | 2153.8 | 2203.4 | | | |
| G48.0 | 2088.2 | 2203.9 | 2273.0 | 2253.5 | 2174.9 | 2088.2 | 2138.3 | | | |
| G49.0 | 2022.1 | 2137.6 | 2203.2 | 2186.9 | 2109.2 | 2023.3 | 2073.0 | | | |
| G50.0 | 1956.4 | 2074.8 | 2140.2 | 2122.5 | 2043.6 | 1958.6 | 2007.9 | | | |
| G51.0 | 1890.8 | 2003.7 | 2072.6 | 2055.3 | 1977.7 | 1892.2 | 1945.3 | | | |
| G52.0 | 1826.4 | 1937.8 | 2006.2 | 1990.0 | 1913.0 | 1828.4 | 1880.0 | | | |
| G53.0 | 1764.3 | 1874.1 | 1939.8 | 1924.5 | 1849.2 | 1765.5 | 1817.3 | | | |
| G54.0 | 1704.6 | 1808.1 | 1873.8 | 1860.1 | 1783.9 | 1700.6 | 1754.7 | | | |
| G55.0 | 1637.2 | 1745.0 | 1810.1 | 1793.7 | 1722.0 | 1642.0 | 1692.6 | | | |
| G56.0 | 1578.0 | 1683.9 | 1742.7 | 1730.5 | 1655.4 | 1577.3 | 1630.0 | | | |
| G57.0 | 1514.7 | 1616.7 | 1679.7 | 1666.3 | 1591.5 | 1519.6 | 1569.7 | | | |
| G58.0 | 1453.7 | 1555.7 | 1616.8 | 1602.6 | 1529.6 | 1459.0 | 1508.1 | | | |
| G59.0 | 1392.1 | 1492.2 | 1550.2 | 1535.4 | 1468.6 | 1395.6 | 1447.9 | | | |
| G60.0 | 1332.4 | 1429.4 | 1487.5 | 1476.2 | 1405.7 | 1340.7 | 1387.0 | | | |
| G61.0 | 1275.1 | 1364.8 | 1422.3 | 1411.5 | 1347.5 | 1278.1 | 1331.4 | | | |
| G62.0 | 1213.7 | 1305.1 | 1361.5 | 1349.1 | 1285.7 | 1220.4 | 1273.4 | | | |
| G63.0 | 1154.1 | 1245.6 | 1298.0 | 1289.1 | 1226.6 | 1163.5 | 1216.2 | | | |
| G64.0 | 1095.2 | 1185.9 | 1236.7 | 1227.8 | 1168.8 | 1106.7 | 1157.0 | | | |
| G65.0 | 1037.3 | 1125.5 | 1176.9 | 1167.1 | 1110.0 | 1050.8 | 1101.5 | | | |
| G66.0 | 985.0 | 1067.2 | 1118.0 | 1108.4 | 1053.2 | 997.0 | 1048.4 | | | |
| G67.0 | 927.2 | 1009.3 | 1056.1 | 1049.3 | 997.5 | 941.5 | 994.2 | | | |
| G68.0 | 872.7 | 952.5 | 997.3 | 989.1 | 938.8 | 886.3 | 938.3 | | | |
| G69.0 | 820.0 | 897.5 | 940.3 | 933.9 | 883.7 | 832.9 | 887.5 | | | |
| G70.0 | 766.5 | 840.2 | 884.4 | 877.2 | 828.5 | 781.1 | 835.7 | | | |
| G71.0 | 714.8 | 783.2 | 826.6 | 819.6 | 775.6 | 730.8 | 783.4 | | | |
| G72.0 | 664.3 | 731.4 | 770.1 | 764.2 | 722.5 | 684.8 | 731.4 | | | |
| G73.0 | 612.9 | 679.3 | 718.3 | 711.9 | 673.7 | 633.6 | 686.6 | | | |

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 7)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| G74.0 | 563.6 | 625.8 | 665.7 | 661.0 | 622.2 | 585.7 | 637.6 | | | |
| G75.0 | 514.1 | 574.7 | 611.9 | 608.3 | 572.4 | 537.5 | 588.6 | | | |
| G76.0 | 467.9 | 525.8 | 561.8 | 557.1 | 524.5 | 491.7 | 542.7 | | | |
| G77.0 | 422.0 | 476.9 | 512.0 | 507.6 | 476.1 | 445.8 | 496.9 | | | |
| G78.0 | 378.4 | 429.0 | 461.4 | 459.3 | 428.9 | 402.1 | 452.5 | | | |
| G79.0 | 336.1 | 383.9 | 415.2 | 410.8 | 384.4 | 358.0 | 408.3 | | | |
| G80.0 | 292.5 | 338.8 | 369.9 | 366.2 | 342.5 | 317.3 | 366.4 | | | |
| G81.0 | 250.5 | 292.5 | 323.2 | 320.1 | 297.7 | 276.9 | 327.3 | | | |
| G82.0 | 210.0 | 250.7 | 280.2 | 277.1 | 254.6 | 237.8 | 286.8 | | | |
| G83.0 | 170.3 | 208.1 | 237.0 | 233.2 | 215.9 | 201.5 | 249.2 | | | |
| G84.0 | 133.6 | 168.2 | 195.0 | 191.7 | 176.1 | 165.2 | 210.4 | | | |
| G85.0 | 98.3 | 128.3 | 154.8 | 150.7 | 139.6 | 130.1 | 175.6 | | | |
| G86.0 | 67.2 | 90.8 | 116.2 | 112.6 | 104.2 | 98.0 | 140.9 | | | |
| G87.0 | 40.4 | 56.1 | 79.0 | 75.3 | 71.2 | 69.1 | 109.0 | | | |
| G88.0 | 17.9 | 28.6 | 42.0 | 41.8 | 43.0 | 43.4 | 79.9 | | | |
| G89.0 | 4.6 | 7.8 | 12.5 | 15.6 | 19.4 | 20.8 | 55.0 | | | |
| G90.0 | 3.2 | 3.5 | 3.2 | 3.7 | 4.6 | 6.3 | 30.5 | | | |
| G91.0 | 3.3 | 3.8 | 3.2 | 3.6 | 2.9 | 2.7 | 12.6 | | | |
| G92.0 | 3.1 | 3.8 | 3.6 | 3.6 | 3.1 | 3.1 | 5.1 | | | |
| G93.0 | 3.5 | 4.2 | 4.3 | 3.7 | 3.0 | 3.2 | 4.5 | | | |
| G94.0 | 3.6 | 4.3 | 4.0 | 3.9 | 3.9 | 3.1 | 4.6 | | | |
| G95.0 | 3.9 | 4.5 | 4.4 | 4.4 | 3.6 | 3.6 | 5.1 | | | |
| G96.0 | 4.0 | 4.9 | 4.8 | 4.6 | 4.0 | 3.8 | 5.1 | | | |
| G97.0 | 3.8 | 5.1 | 5.1 | 4.9 | 4.5 | 4.2 | 5.8 | | | |
| G98.0 | 4.0 | 5.1 | 5.1 | 5.0 | 4.3 | 4.2 | 6.0 | | | |
| G99.0 | 4.8 | 5.5 | 5.8 | 5.4 | 4.8 | 4.3 | 5.5 | | | |
| G100.0 | 5.1 | 6.0 | 5.4 | 5.6 | 4.5 | 4.8 | 6.4 | | | |
| G101.0 | 5.7 | 6.1 | 5.8 | 6.0 | 5.1 | 4.9 | 6.4 | | | |
| G102.0 | 5.2 | 6.2 | 6.4 | 6.2 | 5.2 | 5.5 | 6.8 | | | |
| G103.0 | 6.0 | 6.5 | 6.7 | 6.7 | 5.7 | 5.7 | 7.4 | | | |
| G104.0 | 6.2 | 7.2 | 7.0 | 6.9 | 6.3 | 5.6 | 7.4 | | | |
| G105.0 | 6.2 | 6.8 | 7.1 | 7.1 | 6.1 | 5.7 | 7.8 | | | |
| G106.0 | 6.5 | 7.5 | 7.6 | 7.6 | 6.5 | 6.0 | 7.7 | | | |
| G107.0 | 6.8 | 7.2 | 8.1 | 7.7 | 6.8 | 6.4 | 8.0 | | | |
| G108.0 | 7.4 | 8.5 | 8.2 | 8.4 | 7.4 | 6.9 | 8.7 | | | |
| G109.0 | 7.9 | 8.5 | 8.3 | 8.3 | 7.1 | 6.8 | 8.9 | | | |
| G110.0 | 7.8 | 8.6 | 8.9 | 8.7 | 7.3 | 7.6 | 9.6 | | | |

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 8)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| G111.0 | 7.9 | 9.1 | 9.3 | 8.4 | 8.2 | 7.7 | 9.4 | | | |
| G112.0 | 8.6 | 9.1 | 9.5 | 9.0 | 8.3 | 7.5 | 10.0 | | | |
| G113.0 | 8.6 | 9.5 | 9.4 | 9.8 | 8.7 | 8.2 | 10.3 | | | |
| G114.0 | 8.9 | 10.0 | 10.4 | 9.8 | 8.8 | 8.1 | 10.6 | | | |
| G115.0 | 9.1 | 10.1 | 10.2 | 10.1 | 9.3 | 8.9 | 10.8 | | | |
| G116.0 | 9.8 | 10.8 | 10.4 | 10.6 | 9.4 | 8.9 | 11.0 | | | |
| G117.0 | 9.9 | 11.2 | 10.7 | 10.8 | 9.6 | 9.2 | 11.9 | | | |
| G118.0 | 10.1 | 11.4 | 11.3 | 11.8 | 10.2 | 9.6 | 11.7 | | | |
| G119.0 | 10.8 | 11.3 | 11.7 | 11.9 | 10.7 | 10.1 | 11.7 | | | |
| G120.0 | 11.1 | 12.2 | 12.4 | 12.1 | 10.8 | 10.2 | 12.6 | | | |
| G121.0 | 11.6 | 12.3 | 12.6 | 12.1 | 11.7 | 10.9 | 13.2 | | | |
| G122.0 | 11.7 | 12.5 | 13.3 | 12.7 | 11.9 | 11.2 | 13.5 | | | |
| G123.0 | 11.8 | 13.2 | 13.1 | 13.1 | 12.0 | 11.3 | 14.1 | | | |
| G124.0 | 11.9 | 13.5 | 14.2 | 13.3 | 12.5 | 12.0 | 14.0 | | | |
| G125.0 | 12.9 | 14.1 | 14.2 | 13.7 | 12.9 | 12.4 | 14.2 | | | |
| G126.0 | 12.6 | 14.5 | 14.8 | 14.2 | 13.0 | 12.7 | 15.0 | | | |
| G127.0 | 13.9 | 14.8 | 15.0 | 14.6 | 13.0 | 13.2 | 15.9 | | | |
| G128.0 | 13.9 | 15.1 | 15.3 | 15.2 | 13.7 | 13.7 | 15.9 | | | |
| G129.0 | 14.4 | 15.3 | 15.7 | 15.2 | 14.4 | 13.7 | 16.2 | | | |
| G130.0 | 14.8 | 15.3 | 15.8 | 15.4 | 14.6 | 14.3 | 16.6 | | | |
| G131.0 | 15.3 | 16.6 | 16.6 | 15.8 | 15.1 | 14.4 | 16.7 | | | |
| G132.0 | 15.4 | 16.8 | 17.0 | 16.3 | 15.1 | 14.6 | 17.0 | | | |
| G133.0 | 15.7 | 16.9 | 17.5 | 16.9 | 15.6 | 15.4 | 18.0 | | | |
| G134.0 | 16.3 | 17.5 | 18.0 | 17.0 | 16.1 | 15.5 | 18.1 | | | |
| G135.0 | 16.8 | 17.6 | 18.0 | 17.3 | 16.4 | 16.3 | 18.7 | | | |
| G136.0 | 16.9 | 18.1 | 18.5 | 17.9 | 17.1 | 16.9 | 18.7 | | | |
| G137.0 | 17.4 | 18.7 | 18.2 | 17.9 | 17.4 | 17.0 | 19.5 | | | |
| G138.0 | 17.4 | 18.3 | 19.5 | 19.0 | 17.6 | 17.0 | 19.7 | | | |
| G139.0 | 18.0 | 19.4 | 19.5 | 19.0 | 18.0 | 17.3 | 20.2 | | | |
| G140.0 | 18.9 | 19.9 | 20.3 | 19.0 | 18.4 | 17.5 | 20.6 | | | |
| G141.0 | 19.1 | 20.0 | 20.6 | 19.6 | 18.7 | 18.5 | 21.5 | | | |
| G142.0 | 18.7 | 20.8 | 21.1 | 20.0 | 18.9 | 18.4 | 21.4 | | | |
| G143.0 | 19.7 | 21.0 | 21.7 | 20.7 | 19.2 | 18.8 | 21.2 | | | |
| G144.0 | 19.8 | 20.8 | 22.0 | 21.1 | 19.5 | 19.6 | 21.7 | | | |
| G145.0 | 20.5 | 21.8 | 21.8 | 21.3 | 19.6 | 19.7 | 21.9 | | | |
| G146.0 | 20.9 | 21.5 | 22.3 | 22.0 | 20.6 | 20.3 | 22.1 | | | |
| G147.0 | 21.3 | 22.4 | 22.7 | 21.8 | 20.7 | 20.7 | 22.6 | | | |

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 | 21.6 | 22.8 | 23.0 | 22.7 | 20.7 | 21.0 | 23.2 | | | |
| G149.0 | 22.3 | 22.9 | 23.3 | 22.6 | 21.7 | 21.4 | 23.0 | | | |
| G150.0 | 22.4 | 23.4 | 23.5 | 23.1 | 21.9 | 21.2 | 23.8 | | | |
| G151.0 | 22.8 | 23.7 | 23.9 | 23.4 | 22.4 | 22.0 | 24.2 | | | |
| G152.0 | 22.9 | 23.8 | 24.3 | 24.2 | 22.6 | 21.8 | 24.4 | | | |
| G153.0 | 23.0 | 24.1 | 24.3 | 23.9 | 22.8 | 22.4 | 24.8 | | | |
| G154.0 | 23.1 | 25.4 | 24.8 | 24.5 | 23.2 | 23.3 | 25.0 | | | |
| G155.0 | 23.8 | 25.1 | 25.5 | 24.5 | 23.6 | 23.3 | 25.1 | | | |
| G156.0 | 24.7 | 24.9 | 25.7 | 25.7 | 24.2 | 23.2 | 25.4 | | | |
| G157.0 | 24.6 | 25.9 | 26.0 | 25.9 | 24.5 | 24.1 | 25.7 | | | |
| G158.0 | 24.7 | 25.5 | 26.2 | 25.7 | 25.0 | 24.0 | 26.8 | | | |
| G159.0 | 24.9 | 26.5 | 26.7 | 26.2 | 25.3 | 24.6 | 27.3 | | | |
| G160.0 | 25.6 | 26.3 | 26.9 | 26.9 | 25.8 | 25.2 | 26.6 | | | |
| G161.0 | 26.0 | 26.8 | 27.3 | 26.5 | 25.1 | 25.2 | 26.9 | | | |
| G162.0 | 26.5 | 27.6 | 27.4 | 27.5 | 25.9 | 25.7 | 27.4 | | | |
| G163.0 | 26.5 | 27.2 | 27.3 | 27.1 | 26.4 | 25.8 | 28.0 | | | |
| G164.0 | 26.8 | 28.2 | 27.6 | 28.3 | 26.4 | 26.2 | 28.1 | | | |
| G165.0 | 27.1 | 28.1 | 28.2 | 28.3 | 27.6 | 27.0 | 27.5 | | | |
| G166.0 | 27.2 | 28.2 | 28.5 | 28.2 | 27.1 | 26.8 | 28.6 | | | |
| G167.0 | 27.6 | 28.5 | 28.6 | 28.9 | 27.1 | 26.9 | 28.9 | | | |
| G168.0 | 27.9 | 29.0 | 29.1 | 28.7 | 27.7 | 27.2 | 28.8 | | | |
| G169.0 | 28.1 | 29.3 | 29.1 | 29.2 | 27.6 | 27.8 | 28.9 | | | |
| G170.0 | 28.2 | 29.4 | 29.7 | 29.0 | 28.0 | 27.9 | 29.8 | | | |
| G171.0 | 29.0 | 29.7 | 29.5 | 29.4 | 28.9 | 28.2 | 29.5 | | | |
| G172.0 | 28.5 | 29.7 | 29.8 | 29.5 | 28.9 | 28.7 | 30.1 | | | |
| G173.0 | 29.0 | 29.8 | 29.8 | 30.0 | 29.5 | 29.0 | 30.5 | | | |
| G174.0 | 29.2 | 30.3 | 29.9 | 29.9 | 29.5 | 29.4 | 30.5 | | | |
| G175.0 | 29.8 | 30.6 | 29.4 | 29.9 | 29.4 | 29.6 | 30.5 | | | |
| G176.0 | 29.8 | 30.3 | 30.4 | 30.7 | 29.6 | 29.5 | 30.5 | | | |
| G177.0 | 29.2 | 31.0 | 30.1 | 30.3 | 29.6 | 29.9 | 30.6 | | | |
| G178.0 | 29.9 | 30.5 | 30.2 | 30.7 | 29.5 | 29.5 | 30.2 | | | |
| G179.0 | 29.7 | 31.2 | 30.4 | 30.8 | 30.0 | 29.9 | 31.0 | | | |
| G180.0 | 30.4 | 31.0 | 30.5 | 30.3 | 30.1 | 29.9 | 31.3 | | | |
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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: