

Report No.:

Test Time: 2023-07-11 18:09

Luminaire Property

Luminaire Manufacturer:

Lamp Catalog: LED

Luminous Width (mm): 100

Voltage: 119.9 V

Power: 28.27 W

Luminous Length (mm): 600

Luminous Height (mm): 30

Current: 0.238 A

Power Factor: 0.988

Photometric Results

CIE Class: Direct

Measurement Flux: 3736.6 lm

Downward Ratio: 94%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 206.2, 160.9, 184.9, 184.6

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 125.5, 105.8, 115.1, 115.1

Luminaire Efficacy Rating (LER): 132.23

Max. Intensity: 1127.4 cd

S/MH(C0/C180): 1.30

Total Rated Lamp Lumens: 3736.6 lm

Efficiency: 100%

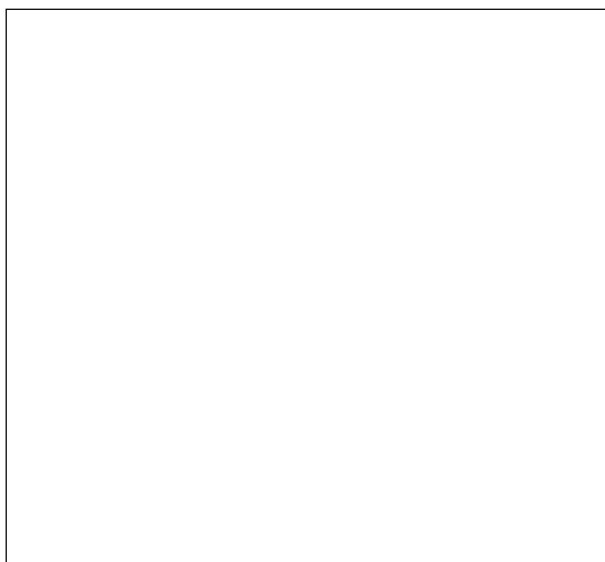
Upward Ratio: 6%

Central Intensity: 1126.91 cd

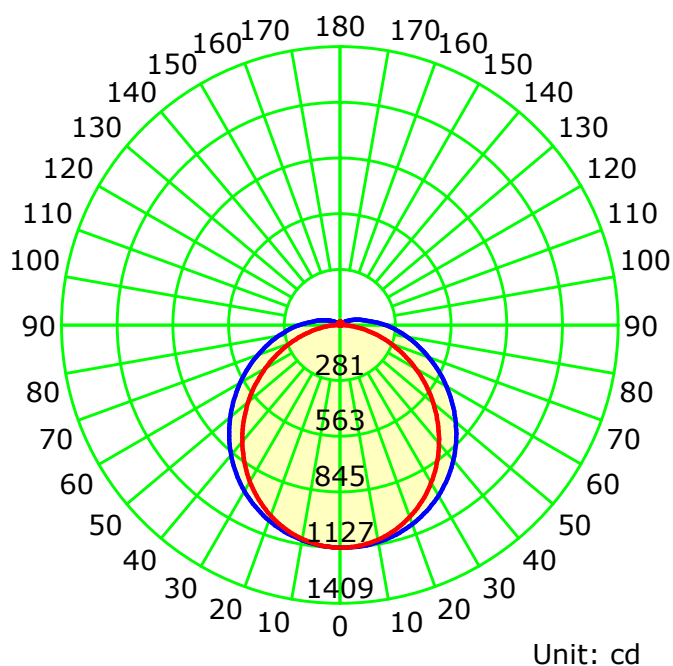
Pos of Max. Intensity: H30 V2

S/MH(C90/C270): 1.21

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

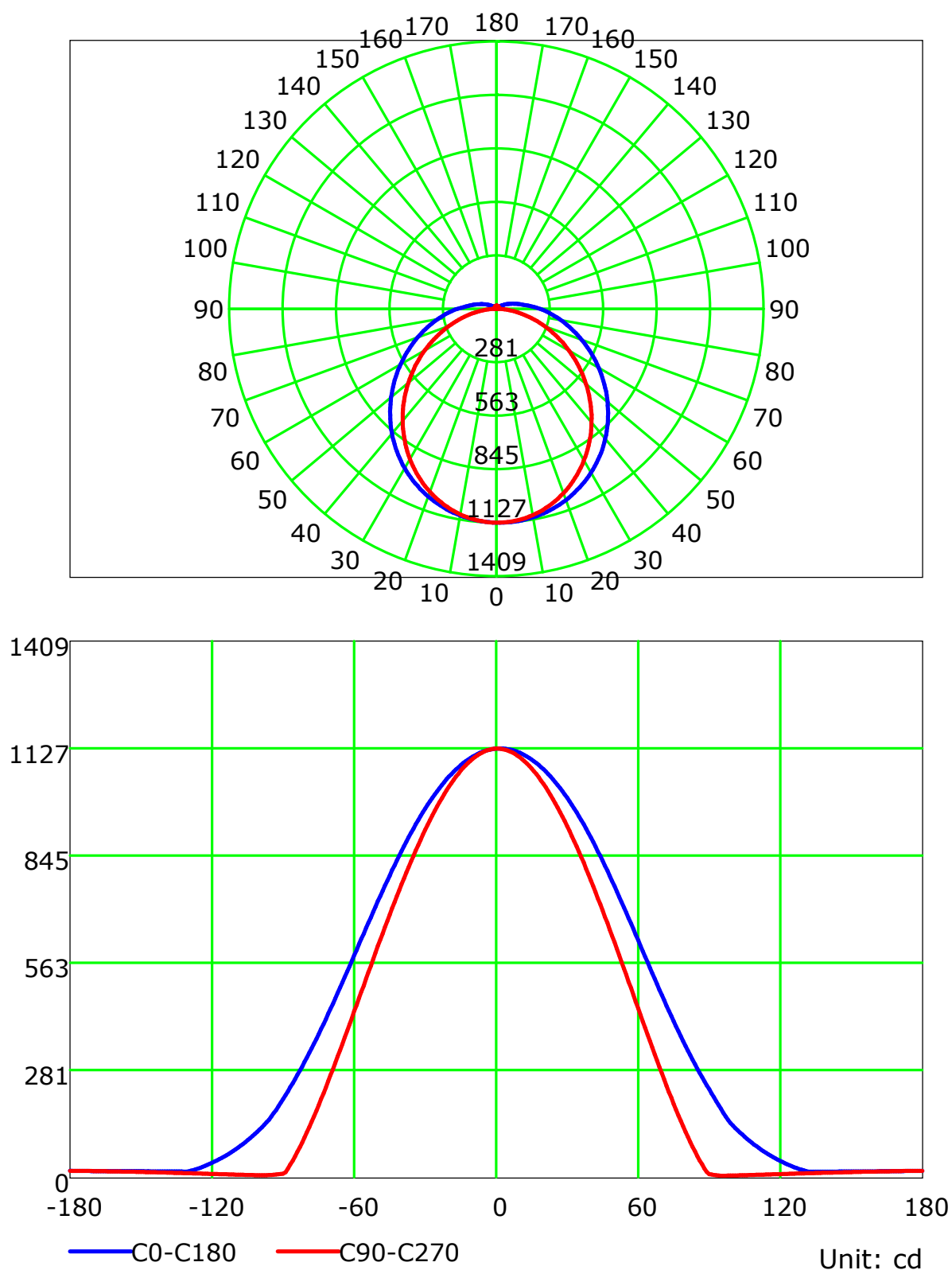
Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

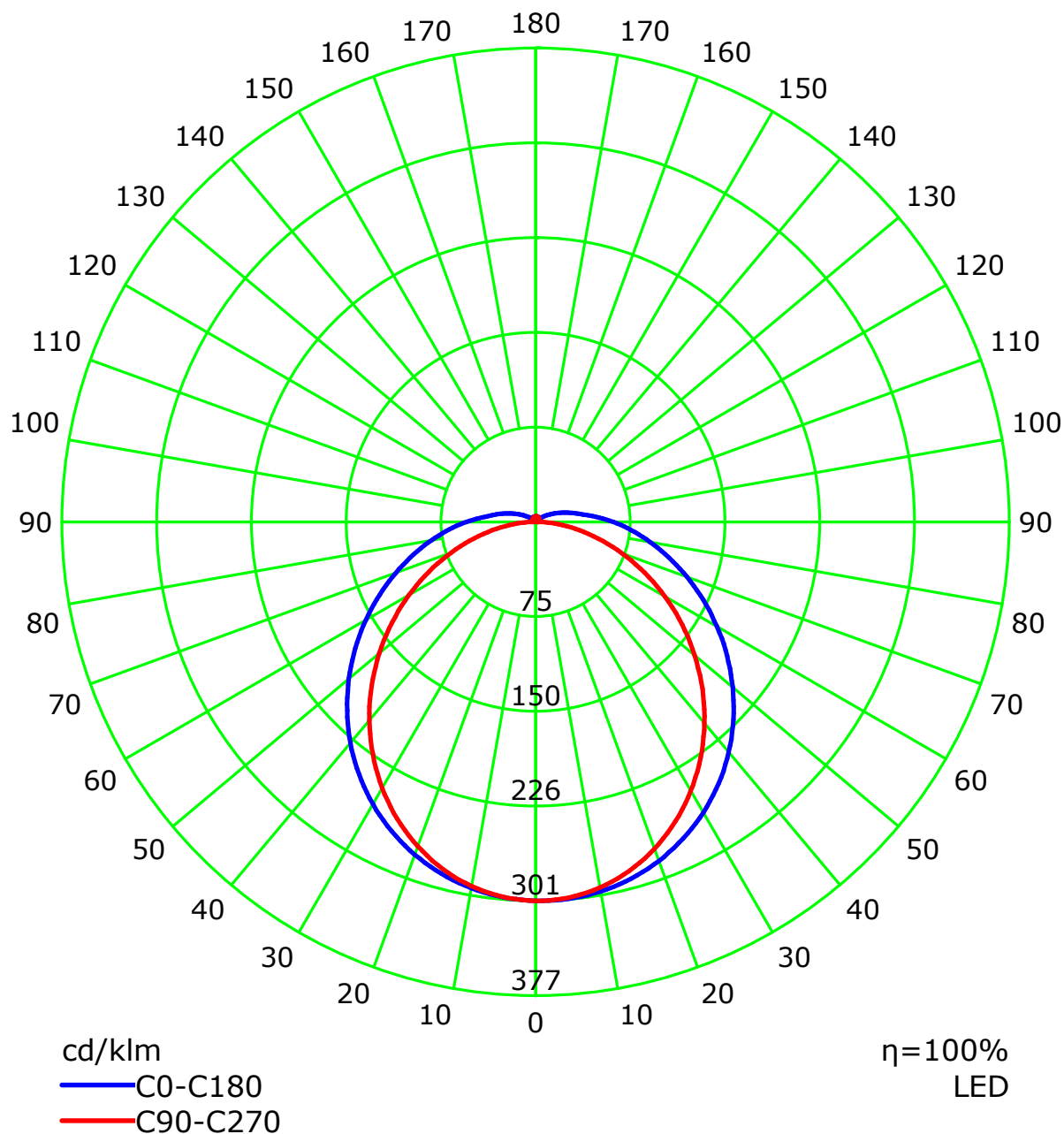
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.010 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.010 m
Humidity:
Inspector:

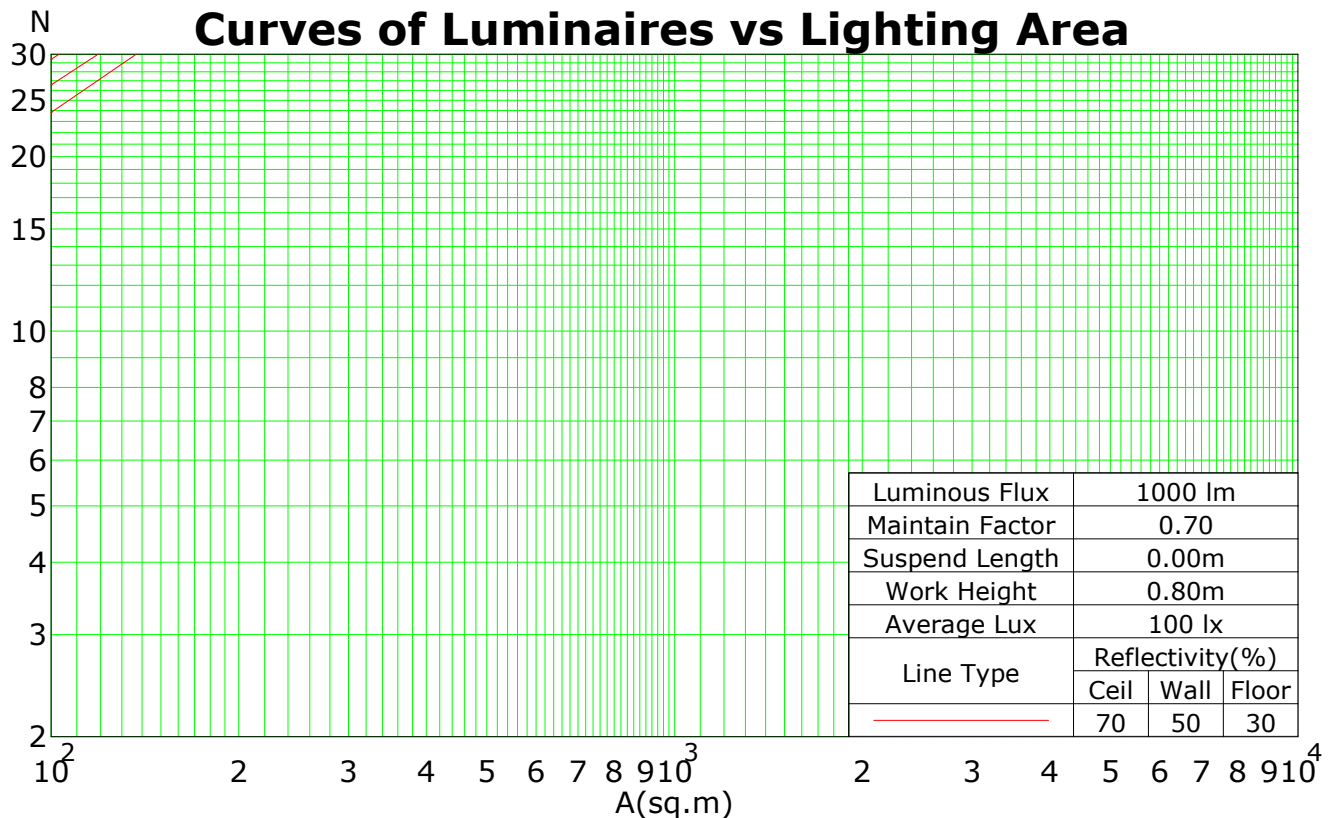
Coefficients Of Utilization - Zonal Cavity Method

| | | | | | | | | | | | | | | | | | | |
|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| RC | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.1 | 0.1 | 0.1 | 0 |
| RW | 0.7 | 0.5 | 0.3 | 0.1 | 0.7 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0 |
| RCR | RF = 0.2 | | | | | | | | | | | | | | | | | |
| 0 | 118 | 118 | 118 | 118 | 114 | 114 | 114 | 114 | 108 | 108 | 108 | 102 | 102 | 102 | 96 | 96 | 96 | 94 |
| 1 | 106 | 100 | 95 | 91 | 102 | 97 | 93 | 89 | 92 | 88 | 85 | 87 | 84 | 81 | 82 | 80 | 78 | 75 |
| 2 | 95 | 87 | 79 | 73 | 92 | 84 | 77 | 71 | 79 | 74 | 69 | 75 | 70 | 66 | 71 | 67 | 64 | 61 |
| 3 | 87 | 76 | 67 | 60 | 84 | 73 | 65 | 59 | 70 | 63 | 57 | 66 | 60 | 55 | 63 | 58 | 54 | 51 |
| 4 | 79 | 67 | 58 | 50 | 76 | 65 | 56 | 50 | 62 | 54 | 48 | 59 | 52 | 47 | 56 | 50 | 46 | 43 |
| 5 | 73 | 59 | 50 | 43 | 70 | 58 | 49 | 43 | 55 | 48 | 42 | 52 | 46 | 41 | 50 | 44 | 40 | 37 |
| 6 | 67 | 53 | 44 | 38 | 65 | 52 | 43 | 37 | 50 | 42 | 36 | 47 | 41 | 36 | 45 | 39 | 35 | 33 |
| 7 | 62 | 48 | 39 | 33 | 60 | 47 | 39 | 33 | 45 | 38 | 32 | 43 | 36 | 31 | 41 | 35 | 31 | 29 |
| 8 | 58 | 44 | 35 | 29 | 56 | 43 | 35 | 29 | 41 | 34 | 29 | 40 | 33 | 28 | 38 | 32 | 28 | 26 |
| 9 | 54 | 40 | 32 | 26 | 52 | 40 | 32 | 26 | 38 | 31 | 26 | 36 | 30 | 25 | 35 | 29 | 25 | 23 |
| 10 | 51 | 37 | 29 | 24 | 49 | 37 | 29 | 24 | 35 | 28 | 23 | 34 | 27 | 23 | 33 | 27 | 23 | 21 |

Spacing Criteria (0-180): 1.30

Spacing Criteria (90-270): 1.21

Spacing Criteria (Diagonal): 1.38



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

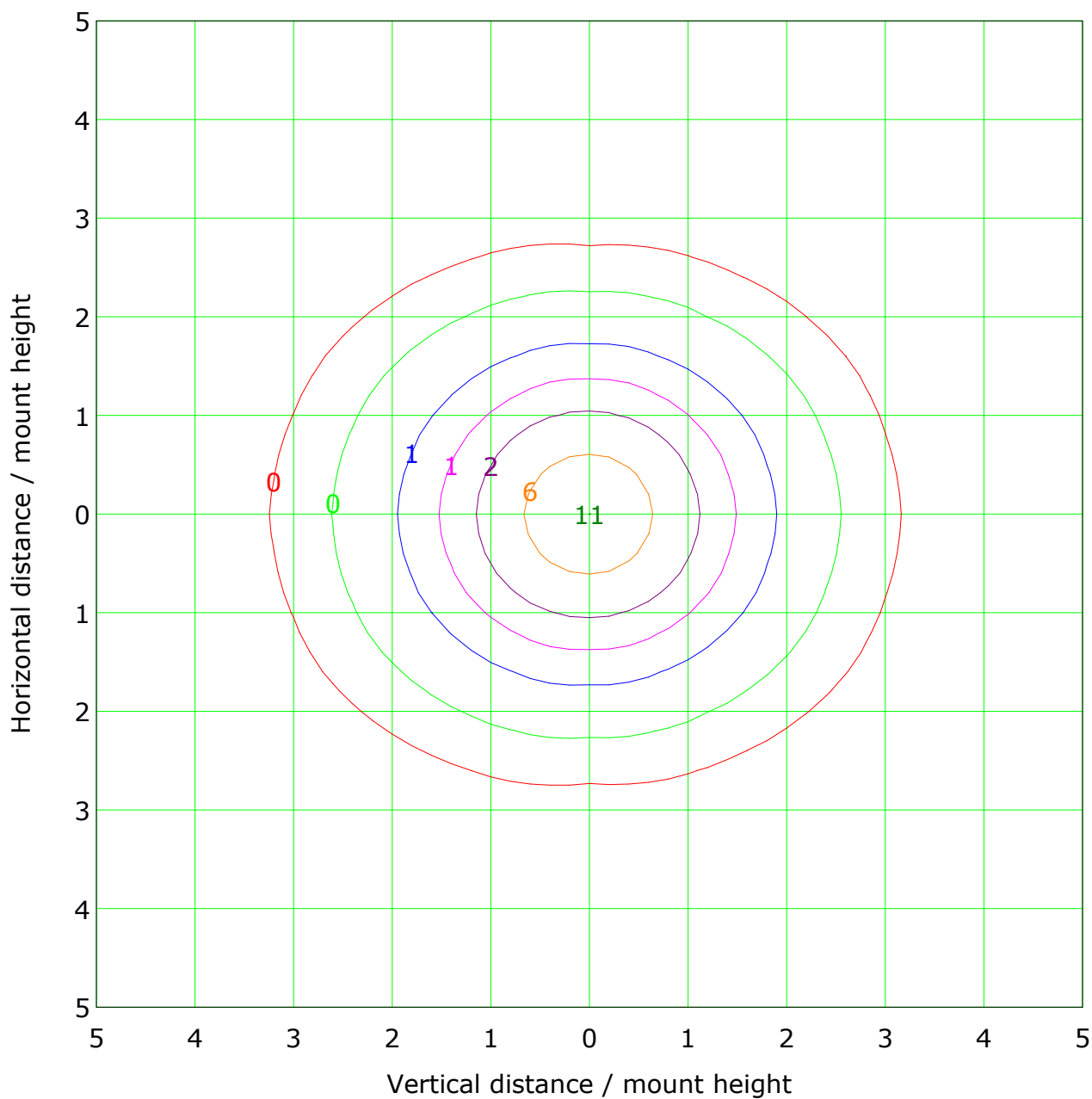
Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 11.3 lx

| | |
|-----------------|----------------|
| (1%): 0.1 lx | (2%): 0.2 lx |
| (5%): 0.6 lx | (10%): 1.1 lx |
| (20%): 2.3 lx | (50%): 5.6 lx |
| (100%): 11.3 lx | |

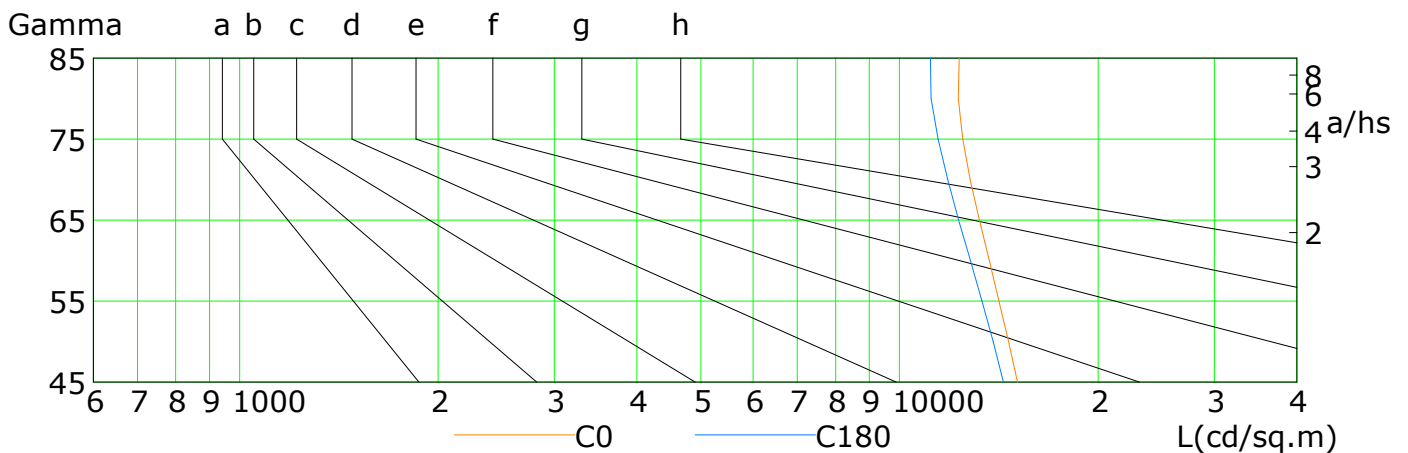
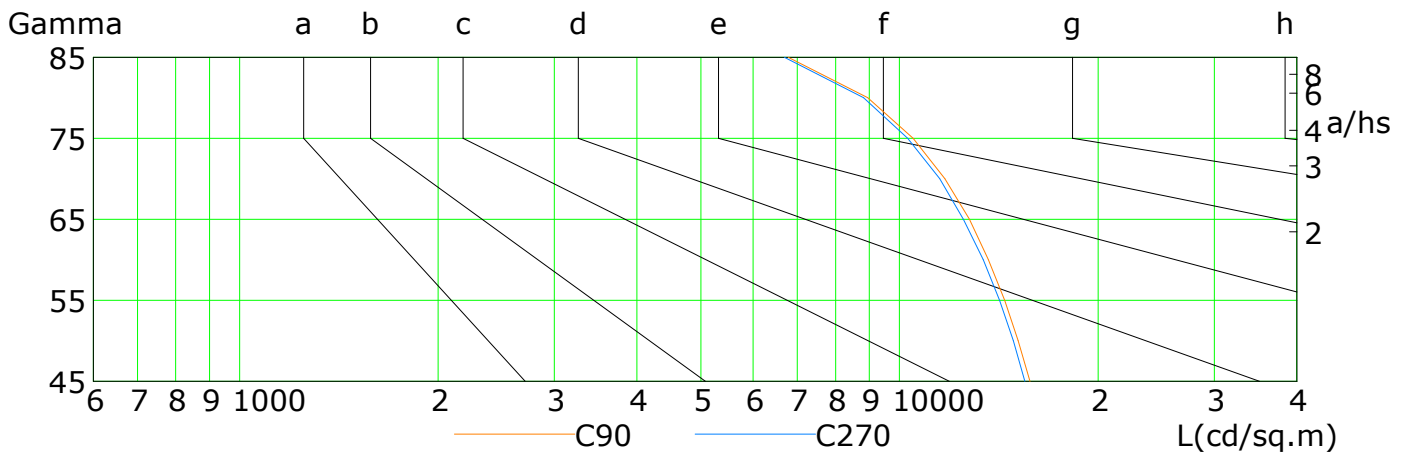
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.010 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 | 15093 | 14627 | 14152 | 13681 | 13220 | 12798 | 12470 | 12274 | 12320 |
| C90 | 15763 | 15128 | 14441 | 13635 | 12762 | 11719 | 10485 | 8951 | 6785 |
| C180 | 14378 | 13870 | 13339 | 12804 | 12292 | 11828 | 11440 | 11170 | 11144 |
| C270 | 15496 | 14876 | 14176 | 13395 | 12493 | 11505 | 10285 | 8821 | 6693 |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

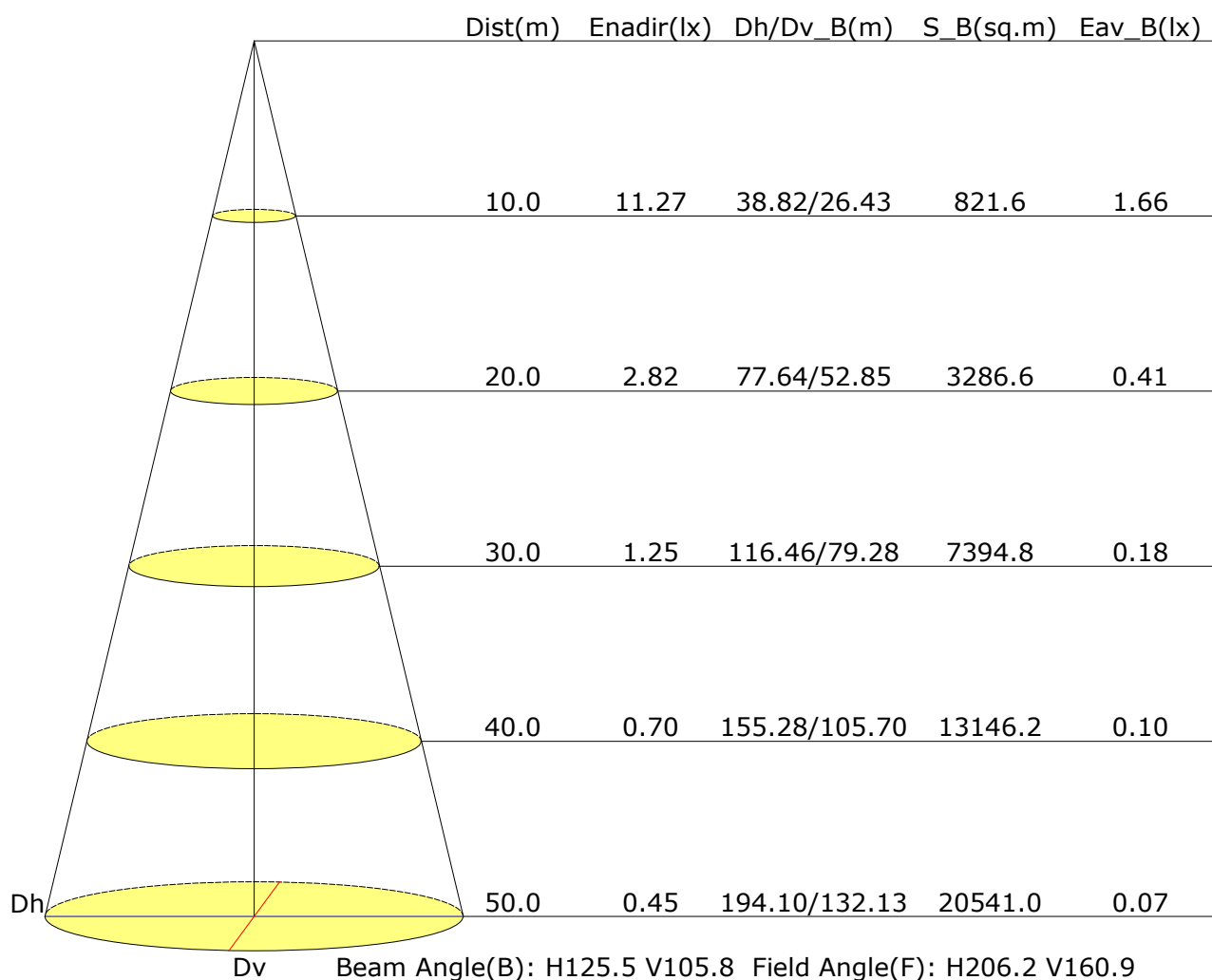
Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

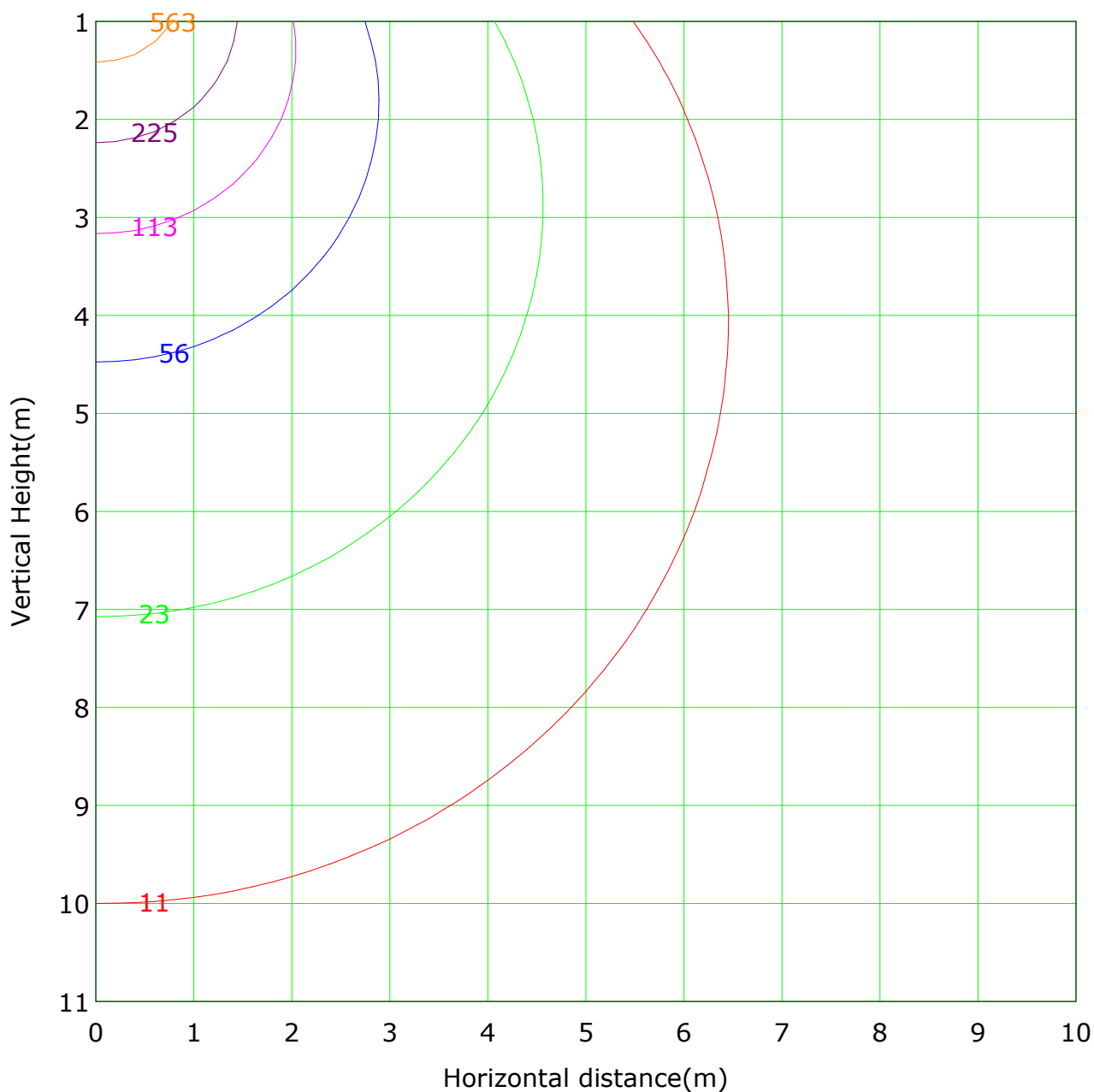
Illuminance at a Distance



C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.010 m
 Humidity:
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1126.9 lx

| | |
|--------------------|--------------------|
| — (1%): 11.3 lx | — (2%): 22.5 lx |
| — (5%): 56.3 lx | — (10%): 112.7 lx |
| — (20%): 225.4 lx | — (50%): 563.5 lx |
| — (100%):1126.9 lx | |

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.010 m
Humidity:
Inspector:

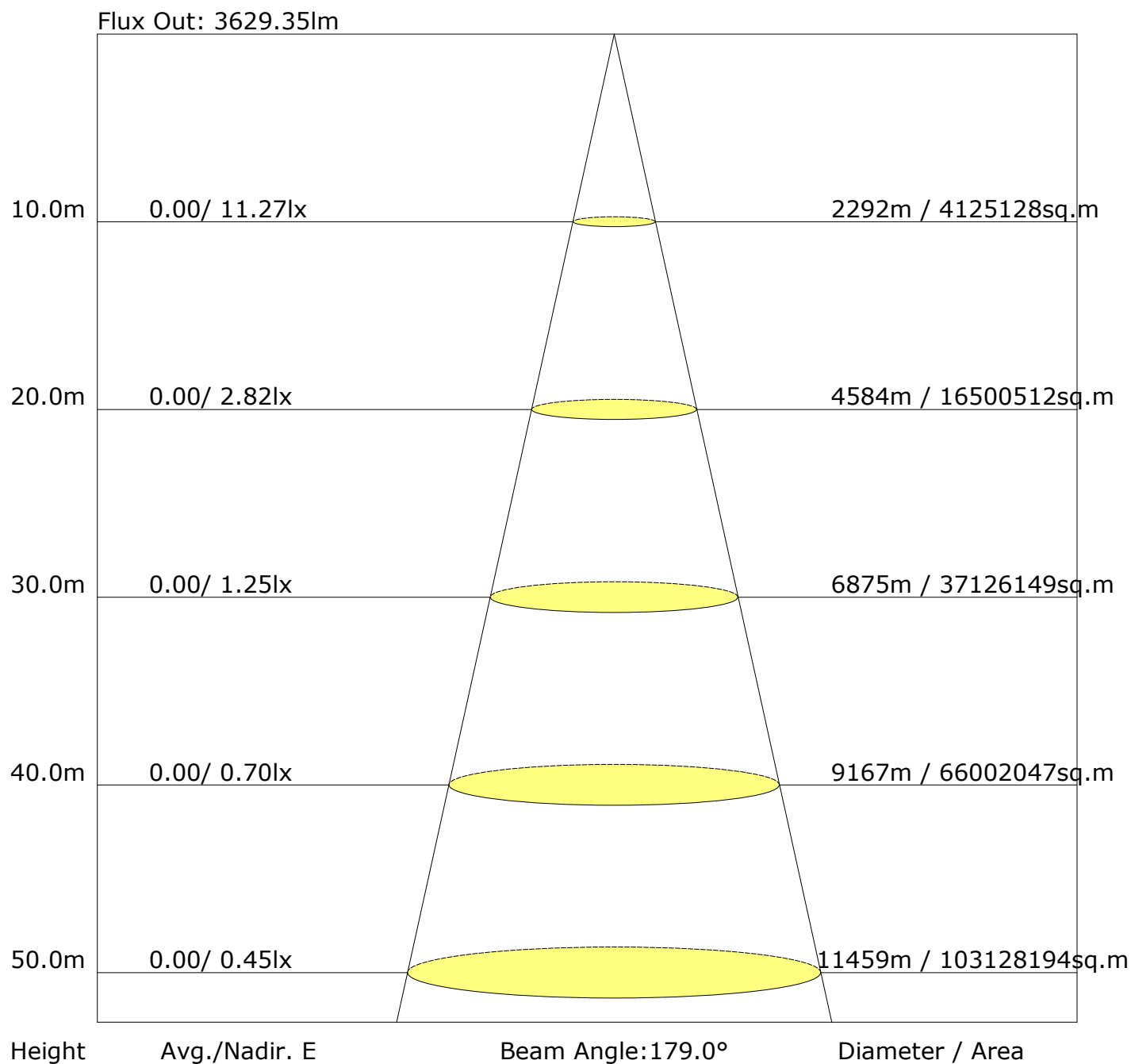
Area Flux Table

Unit: lm

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.010 m
Humidity:
Inspector:

The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1600L
 Distance: 9.010 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 | 21.6 | 23.0 | 22.0 | 23.3 | 23.7 | 20.9 | 22.2 | 21.2 | 22.6 | 22.9 |
| 3H | 23.5 | 24.7 | 23.9 | 25.1 | 25.5 | 22.3 | 23.5 | 22.7 | 23.9 | 24.3 |
| 4H | 24.4 | 25.5 | 24.8 | 25.9 | 26.4 | 22.9 | 24.0 | 23.3 | 24.5 | 24.9 |
| 6H | 25.2 | 26.3 | 25.7 | 26.7 | 27.2 | 23.3 | 24.4 | 23.8 | 24.8 | 25.3 |
| 8H | 25.6 | 26.7 | 26.1 | 27.1 | 27.6 | 23.4 | 24.5 | 23.9 | 24.9 | 25.4 |
| 12H | 26.0 | 27.0 | 26.5 | 27.5 | 27.9 | 23.5 | 24.5 | 24.0 | 25.0 | 25.5 |
| X=4H Y=2H | 22.2 | 23.3 | 22.6 | 23.7 | 24.2 | 21.6 | 22.8 | 22.0 | 23.2 | 23.6 |
| 3H | 24.2 | 25.3 | 24.7 | 25.7 | 26.2 | 23.2 | 24.2 | 23.7 | 24.7 | 25.2 |
| 4H | 25.3 | 26.2 | 25.8 | 26.7 | 27.2 | 23.9 | 24.9 | 24.4 | 25.3 | 25.8 |
| 6H | 26.3 | 27.2 | 26.9 | 27.6 | 28.2 | 24.5 | 25.3 | 25.0 | 25.8 | 26.4 |
| 8H | 26.8 | 27.6 | 27.4 | 28.1 | 28.7 | 24.7 | 25.5 | 25.2 | 26.0 | 26.5 |
| 12H | 27.3 | 28.0 | 27.9 | 28.5 | 29.1 | 24.9 | 25.5 | 25.4 | 26.1 | 26.6 |
| X=8H Y=4H | 25.6 | 26.3 | 26.1 | 26.9 | 27.4 | 24.4 | 25.2 | 24.9 | 25.7 | 26.2 |
| 6H | 26.8 | 27.5 | 27.4 | 28.0 | 28.6 | 25.2 | 25.8 | 25.7 | 26.3 | 26.9 |
| 8H | 27.5 | 28.0 | 28.1 | 28.6 | 29.2 | 25.5 | 26.0 | 26.0 | 26.6 | 27.2 |
| 12H | 28.1 | 28.6 | 28.7 | 29.2 | 29.8 | 25.7 | 26.2 | 26.3 | 26.8 | 27.4 |
| X=12H Y=4H | 25.6 | 26.3 | 26.2 | 26.8 | 27.4 | 24.5 | 25.2 | 25.0 | 25.7 | 26.3 |
| 6H | 26.9 | 27.5 | 27.5 | 28.0 | 28.6 | 25.3 | 25.9 | 25.9 | 26.5 | 27.1 |
| 8H | 27.6 | 28.1 | 28.2 | 28.7 | 29.3 | 25.7 | 26.2 | 26.3 | 26.8 | 27.4 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S=1.0H | +0.2/-0.2 | | | | | +0.2/-0.2 | | | | |
| S=1.5H | +0.4/-0.4 | | | | | +0.4/-0.5 | | | | |
| S=2.0H | +0.5/-0.7 | | | | | +0.5/-0.9 | | | | |

Calculate in accordance with CIE Pub.117. The table is revised with 3737lm ($8\log(F/F_0) = 4.6$).

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.010 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

| | ZONE | LUMENS | % LAMP LUMENS |
|--|----------------|--------|---------------|
| | FORWARD LIGHT | 1764 | 47.2 |
| | FL (0°-30°) | 438 | 11.7 |
| | FM (30°-60°) | 845 | 22.6 |
| | FH (60°-80°) | 383 | 10.2 |
| | FVH (80°-90°) | 98 | 2.6 |
| | BACK LIGHT | 1744 | 46.7 |
| | BL (0°-30°) | 436 | 11.7 |
| | BM (30°-60°) | 835 | 22.3 |
| | BH (60°-80°) | 377 | 10.1 |
| | BVH (80°-90°) | 96 | 2.6 |
| | UP LIGHT | 229 | 6.1 |
| | UL (90°-100°) | 102 | 2.7 |
| | UH (100°-180°) | 128 | 3.4 |
| | TRAPPED LIGHT | NA | NA |

| BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07 | |
|--|----------|
| Asymmetrical Luminaire Types (Type I,II,III,IV) | B1 U3 G1 |
| Quadrilateral Symmetrical Luminaire Types (Type V,Area Light) | B1 U3 G1 |

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.010 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 | 1126.8 | 1.1 | 1.1 | 0.03 | 0.03 |
| 1.0-2.0 | 1126.4 | 3.2 | 4.3 | 0.09 | 0.12 |
| 2.0-3.0 | 1125.6 | 5.4 | 9.7 | 0.14 | 0.26 |
| 3.0-4.0 | 1124.4 | 7.5 | 17.2 | 0.20 | 0.46 |
| 4.0-5.0 | 1122.8 | 9.7 | 26.9 | 0.26 | 0.72 |
| 5.0-6.0 | 1120.7 | 11.8 | 38.7 | 0.32 | 1.03 |
| 6.0-7.0 | 1118.3 | 13.9 | 52.5 | 0.37 | 1.41 |
| 7.0-8.0 | 1115.4 | 16.0 | 68.5 | 0.43 | 1.83 |
| 8.0-9.0 | 1112.1 | 18.0 | 86.5 | 0.48 | 2.32 |
| 9.0-10.0 | 1108.5 | 20.1 | 106.6 | 0.54 | 2.85 |
| 10.0-11.0 | 1104.4 | 22.1 | 128.7 | 0.59 | 3.44 |
| 11.0-12.0 | 1100.0 | 24.0 | 152.7 | 0.64 | 4.09 |
| 12.0-13.0 | 1095.4 | 26.0 | 178.7 | 0.70 | 4.78 |
| 13.0-14.0 | 1090.1 | 27.9 | 206.6 | 0.75 | 5.53 |
| 14.0-15.0 | 1084.4 | 29.8 | 236.4 | 0.80 | 6.33 |
| 15.0-16.0 | 1078.3 | 31.6 | 268.0 | 0.85 | 7.17 |
| 16.0-17.0 | 1071.8 | 33.4 | 301.4 | 0.89 | 8.07 |
| 17.0-18.0 | 1065.3 | 35.1 | 336.5 | 0.94 | 9.01 |
| 18.0-19.0 | 1058.0 | 36.8 | 373.3 | 0.99 | 9.99 |
| 19.0-20.0 | 1050.5 | 38.5 | 411.8 | 1.03 | 11.02 |
| 20.0-21.0 | 1042.9 | 40.1 | 451.8 | 1.07 | 12.09 |
| 21.0-22.0 | 1034.6 | 41.6 | 493.4 | 1.11 | 13.20 |
| 22.0-23.0 | 1026.0 | 43.1 | 536.5 | 1.15 | 14.36 |
| 23.0-24.0 | 1017.0 | 44.5 | 580.9 | 1.19 | 15.55 |
| 24.0-25.0 | 1007.6 | 45.8 | 626.8 | 1.23 | 16.77 |
| 25.0-26.0 | 998.3 | 47.1 | 673.9 | 1.26 | 18.03 |
| 26.0-27.0 | 988.3 | 48.4 | 722.2 | 1.29 | 19.33 |
| 27.0-28.0 | 978.0 | 49.5 | 771.8 | 1.33 | 20.65 |
| 28.0-29.0 | 967.8 | 50.6 | 822.4 | 1.36 | 22.01 |
| 29.0-30.0 | 956.9 | 51.7 | 874.1 | 1.38 | 23.39 |
| 30.0-31.0 | 945.6 | 52.6 | 926.7 | 1.41 | 24.80 |
| 31.0-32.0 | 934.1 | 53.5 | 980.2 | 1.43 | 26.23 |
| 32.0-33.0 | 922.2 | 54.3 | 1034.6 | 1.45 | 27.69 |
| 33.0-34.0 | 910.5 | 55.1 | 1089.7 | 1.47 | 29.16 |
| 34.0-35.0 | 898.0 | 55.8 | 1145.5 | 1.49 | 30.65 |
| 35.0-36.0 | 885.5 | 56.4 | 1201.8 | 1.51 | 32.16 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.010 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 | 872.8 | 56.9 | 1258.8 | 1.52 | 33.69 |
| 37.0-38.0 | 859.6 | 57.4 | 1316.2 | 1.54 | 35.22 |
| 38.0-39.0 | 846.5 | 57.8 | 1374.0 | 1.55 | 36.77 |
| 39.0-40.0 | 832.8 | 58.1 | 1432.0 | 1.55 | 38.32 |
| 40.0-41.0 | 818.9 | 58.3 | 1490.4 | 1.56 | 39.89 |
| 41.0-42.0 | 805.4 | 58.5 | 1548.9 | 1.57 | 41.45 |
| 42.0-43.0 | 791.2 | 58.6 | 1607.5 | 1.57 | 43.02 |
| 43.0-44.0 | 776.7 | 58.6 | 1666.1 | 1.57 | 44.59 |
| 44.0-45.0 | 762.3 | 58.6 | 1724.7 | 1.57 | 46.16 |
| 45.0-46.0 | 747.5 | 58.5 | 1783.2 | 1.56 | 47.72 |
| 46.0-47.0 | 732.8 | 58.3 | 1841.5 | 1.56 | 49.28 |
| 47.0-48.0 | 717.7 | 58.0 | 1899.5 | 1.55 | 50.83 |
| 48.0-49.0 | 702.4 | 57.7 | 1957.2 | 1.54 | 52.38 |
| 49.0-50.0 | 687.7 | 57.3 | 2014.5 | 1.53 | 53.91 |
| 50.0-51.0 | 672.3 | 56.9 | 2071.4 | 1.52 | 55.44 |
| 51.0-52.0 | 656.7 | 56.4 | 2127.8 | 1.51 | 56.94 |
| 52.0-53.0 | 641.3 | 55.8 | 2183.6 | 1.49 | 58.44 |
| 53.0-54.0 | 625.6 | 55.1 | 2238.7 | 1.48 | 59.91 |
| 54.0-55.0 | 610.2 | 54.5 | 2293.2 | 1.46 | 61.37 |
| 55.0-56.0 | 594.6 | 53.7 | 2346.9 | 1.44 | 62.81 |
| 56.0-57.0 | 578.8 | 52.9 | 2399.9 | 1.42 | 64.23 |
| 57.0-58.0 | 563.5 | 52.1 | 2452.0 | 1.39 | 65.62 |
| 58.0-59.0 | 547.5 | 51.2 | 2503.2 | 1.37 | 66.99 |
| 59.0-60.0 | 531.6 | 50.2 | 2553.4 | 1.34 | 68.33 |
| 60.0-61.0 | 515.7 | 49.2 | 2602.6 | 1.32 | 69.65 |
| 61.0-62.0 | 500.0 | 48.2 | 2650.8 | 1.29 | 70.94 |
| 62.0-63.0 | 484.9 | 47.2 | 2698.0 | 1.26 | 72.20 |
| 63.0-64.0 | 469.2 | 46.0 | 2744.0 | 1.23 | 73.44 |
| 64.0-65.0 | 453.6 | 44.9 | 2788.9 | 1.20 | 74.64 |
| 65.0-66.0 | 438.7 | 43.8 | 2832.7 | 1.17 | 75.81 |
| 66.0-67.0 | 423.3 | 42.6 | 2875.3 | 1.14 | 76.95 |
| 67.0-68.0 | 408.1 | 41.3 | 2916.6 | 1.11 | 78.05 |
| 68.0-69.0 | 393.0 | 40.1 | 2956.7 | 1.07 | 79.13 |
| 69.0-70.0 | 378.0 | 38.8 | 2995.5 | 1.04 | 80.17 |
| 70.0-71.0 | 363.8 | 37.6 | 3033.1 | 1.01 | 81.17 |
| 71.0-72.0 | 349.1 | 36.3 | 3069.4 | 0.97 | 82.14 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.010 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 | 334.6 | 35.0 | 3104.4 | 0.94 | 83.08 |
| 73.0-74.0 | 321.0 | 33.7 | 3138.2 | 0.90 | 83.98 |
| 74.0-75.0 | 306.9 | 32.4 | 3170.6 | 0.87 | 84.85 |
| 75.0-76.0 | 293.1 | 31.1 | 3201.7 | 0.83 | 85.68 |
| 76.0-77.0 | 279.5 | 29.8 | 3231.5 | 0.80 | 86.48 |
| 77.0-78.0 | 266.1 | 28.5 | 3260.0 | 0.76 | 87.24 |
| 78.0-79.0 | 253.6 | 27.3 | 3287.3 | 0.73 | 87.97 |
| 79.0-80.0 | 240.8 | 26.0 | 3313.2 | 0.69 | 88.67 |
| 80.0-81.0 | 228.2 | 24.7 | 3337.9 | 0.66 | 89.33 |
| 81.0-82.0 | 216.3 | 23.5 | 3361.4 | 0.63 | 89.96 |
| 82.0-83.0 | 204.5 | 22.2 | 3383.6 | 0.59 | 90.55 |
| 83.0-84.0 | 193.2 | 21.0 | 3404.7 | 0.56 | 91.12 |
| 84.0-85.0 | 181.9 | 19.9 | 3424.5 | 0.53 | 91.65 |
| 85.0-86.0 | 170.9 | 18.7 | 3443.2 | 0.50 | 92.15 |
| 86.0-87.0 | 160.8 | 17.6 | 3460.8 | 0.47 | 92.62 |
| 87.0-88.0 | 150.6 | 16.5 | 3477.3 | 0.44 | 93.06 |
| 88.0-89.0 | 140.7 | 15.4 | 3492.7 | 0.41 | 93.47 |
| 89.0-90.0 | 131.7 | 14.4 | 3507.2 | 0.39 | 93.86 |
| 90.0-91.0 | 123.4 | 13.5 | 3520.7 | 0.36 | 94.22 |
| 91.0-92.0 | 115.7 | 12.7 | 3533.4 | 0.34 | 94.56 |
| 92.0-93.0 | 108.1 | 11.8 | 3545.2 | 0.32 | 94.88 |
| 93.0-94.0 | 100.7 | 11.0 | 3556.2 | 0.29 | 95.17 |
| 94.0-95.0 | 94.0 | 10.3 | 3566.5 | 0.28 | 95.45 |
| 95.0-96.0 | 87.7 | 9.6 | 3576.1 | 0.26 | 95.70 |
| 96.0-97.0 | 82.1 | 8.9 | 3585.0 | 0.24 | 95.94 |
| 97.0-98.0 | 77.4 | 8.4 | 3593.5 | 0.23 | 96.17 |
| 98.0-99.0 | 73.0 | 7.9 | 3601.4 | 0.21 | 96.38 |
| 99.0-100.0 | 68.9 | 7.5 | 3608.8 | 0.20 | 96.58 |
| 100.0-101.0 | 65.1 | 7.0 | 3615.8 | 0.19 | 96.77 |
| 101.0-102.0 | 61.3 | 6.6 | 3622.4 | 0.18 | 96.94 |
| 102.0-103.0 | 58.0 | 6.2 | 3628.6 | 0.17 | 97.11 |
| 103.0-104.0 | 54.7 | 5.8 | 3634.5 | 0.16 | 97.27 |
| 104.0-105.0 | 51.6 | 5.5 | 3640.0 | 0.15 | 97.41 |
| 105.0-106.0 | 48.8 | 5.2 | 3645.1 | 0.14 | 97.55 |
| 106.0-107.0 | 46.0 | 4.8 | 3649.9 | 0.13 | 97.68 |
| 107.0-108.0 | 43.5 | 4.5 | 3654.5 | 0.12 | 97.80 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.010 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 | 40.9 | 4.3 | 3658.7 | 0.11 | 97.92 |
| 109.0-110.0 | 38.4 | 4.0 | 3662.7 | 0.11 | 98.02 |
| 110.0-111.0 | 36.2 | 3.7 | 3666.4 | 0.10 | 98.12 |
| 111.0-112.0 | 34.0 | 3.5 | 3669.9 | 0.09 | 98.21 |
| 112.0-113.0 | 31.9 | 3.2 | 3673.1 | 0.09 | 98.30 |
| 113.0-114.0 | 29.9 | 3.0 | 3676.1 | 0.08 | 98.38 |
| 114.0-115.0 | 28.0 | 2.8 | 3678.9 | 0.07 | 98.46 |
| 115.0-116.0 | 26.3 | 2.6 | 3681.5 | 0.07 | 98.53 |
| 116.0-117.0 | 24.6 | 2.4 | 3684.0 | 0.06 | 98.59 |
| 117.0-118.0 | 23.1 | 2.2 | 3686.2 | 0.06 | 98.65 |
| 118.0-119.0 | 21.8 | 2.1 | 3688.3 | 0.06 | 98.71 |
| 119.0-120.0 | 20.5 | 2.0 | 3690.3 | 0.05 | 98.76 |
| 120.0-121.0 | 19.4 | 1.8 | 3692.1 | 0.05 | 98.81 |
| 121.0-122.0 | 18.3 | 1.7 | 3693.8 | 0.05 | 98.85 |
| 122.0-123.0 | 17.3 | 1.6 | 3695.4 | 0.04 | 98.90 |
| 123.0-124.0 | 16.4 | 1.5 | 3696.9 | 0.04 | 98.94 |
| 124.0-125.0 | 15.6 | 1.4 | 3698.3 | 0.04 | 98.97 |
| 125.0-126.0 | 14.8 | 1.3 | 3699.6 | 0.04 | 99.01 |
| 126.0-127.0 | 14.2 | 1.2 | 3700.9 | 0.03 | 99.04 |
| 127.0-128.0 | 13.6 | 1.2 | 3702.1 | 0.03 | 99.07 |
| 128.0-129.0 | 13.3 | 1.1 | 3703.2 | 0.03 | 99.11 |
| 129.0-130.0 | 13.0 | 1.1 | 3704.3 | 0.03 | 99.13 |
| 130.0-131.0 | 12.9 | 1.1 | 3705.4 | 0.03 | 99.16 |
| 131.0-132.0 | 12.8 | 1.1 | 3706.4 | 0.03 | 99.19 |
| 132.0-133.0 | 12.8 | 1.0 | 3707.5 | 0.03 | 99.22 |
| 133.0-134.0 | 12.9 | 1.0 | 3708.5 | 0.03 | 99.25 |
| 134.0-135.0 | 13.1 | 1.0 | 3709.5 | 0.03 | 99.27 |
| 135.0-136.0 | 13.2 | 1.0 | 3710.5 | 0.03 | 99.30 |
| 136.0-137.0 | 13.3 | 1.0 | 3711.5 | 0.03 | 99.33 |
| 137.0-138.0 | 13.4 | 1.0 | 3712.5 | 0.03 | 99.36 |
| 138.0-139.0 | 13.5 | 1.0 | 3713.5 | 0.03 | 99.38 |
| 139.0-140.0 | 13.6 | 1.0 | 3714.5 | 0.03 | 99.41 |
| 140.0-141.0 | 13.7 | 1.0 | 3715.4 | 0.03 | 99.43 |
| 141.0-142.0 | 13.9 | 0.9 | 3716.4 | 0.03 | 99.46 |
| 142.0-143.0 | 14.0 | 0.9 | 3717.3 | 0.02 | 99.48 |
| 143.0-144.0 | 14.1 | 0.9 | 3718.2 | 0.02 | 99.51 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.010 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 | 14.2 | 0.9 | 3719.2 | 0.02 | 99.53 |
| 145.0-146.0 | 14.3 | 0.9 | 3720.0 | 0.02 | 99.56 |
| 146.0-147.0 | 14.5 | 0.9 | 3720.9 | 0.02 | 99.58 |
| 147.0-148.0 | 14.6 | 0.9 | 3721.8 | 0.02 | 99.60 |
| 148.0-149.0 | 14.7 | 0.8 | 3722.6 | 0.02 | 99.63 |
| 149.0-150.0 | 14.8 | 0.8 | 3723.4 | 0.02 | 99.65 |
| 150.0-151.0 | 14.8 | 0.8 | 3724.2 | 0.02 | 99.67 |
| 151.0-152.0 | 14.9 | 0.8 | 3725.0 | 0.02 | 99.69 |
| 152.0-153.0 | 15.1 | 0.8 | 3725.8 | 0.02 | 99.71 |
| 153.0-154.0 | 15.1 | 0.7 | 3726.5 | 0.02 | 99.73 |
| 154.0-155.0 | 15.2 | 0.7 | 3727.2 | 0.02 | 99.75 |
| 155.0-156.0 | 15.4 | 0.7 | 3727.9 | 0.02 | 99.77 |
| 156.0-157.0 | 15.4 | 0.7 | 3728.6 | 0.02 | 99.79 |
| 157.0-158.0 | 15.5 | 0.7 | 3729.3 | 0.02 | 99.80 |
| 158.0-159.0 | 15.6 | 0.6 | 3729.9 | 0.02 | 99.82 |
| 159.0-160.0 | 15.7 | 0.6 | 3730.5 | 0.02 | 99.84 |
| 160.0-161.0 | 15.7 | 0.6 | 3731.1 | 0.02 | 99.85 |
| 161.0-162.0 | 15.8 | 0.6 | 3731.6 | 0.01 | 99.87 |
| 162.0-163.0 | 15.9 | 0.5 | 3732.1 | 0.01 | 99.88 |
| 163.0-164.0 | 16.0 | 0.5 | 3732.6 | 0.01 | 99.89 |
| 164.0-165.0 | 16.0 | 0.5 | 3733.1 | 0.01 | 99.91 |
| 165.0-166.0 | 16.1 | 0.4 | 3733.6 | 0.01 | 99.92 |
| 166.0-167.0 | 16.2 | 0.4 | 3734.0 | 0.01 | 99.93 |
| 167.0-168.0 | 16.2 | 0.4 | 3734.4 | 0.01 | 99.94 |
| 168.0-169.0 | 16.3 | 0.4 | 3734.7 | 0.01 | 99.95 |
| 169.0-170.0 | 16.4 | 0.3 | 3735.0 | 0.01 | 99.96 |
| 170.0-171.0 | 16.4 | 0.3 | 3735.3 | 0.01 | 99.97 |
| 171.0-172.0 | 16.5 | 0.3 | 3735.6 | 0.01 | 99.97 |
| 172.0-173.0 | 16.6 | 0.2 | 3735.8 | 0.01 | 99.98 |
| 173.0-174.0 | 16.6 | 0.2 | 3736.0 | 0.01 | 99.98 |
| 174.0-175.0 | 16.7 | 0.2 | 3736.2 | 0.00 | 99.99 |
| 175.0-176.0 | 16.8 | 0.1 | 3736.4 | 0.00 | 99.99 |
| 176.0-177.0 | 16.9 | 0.1 | 3736.5 | 0.00 | 100.00 |
| 177.0-178.0 | 17.0 | 0.1 | 3736.6 | 0.00 | 100.00 |
| 178.0-179.0 | 17.1 | 0.0 | 3736.6 | 0.00 | 100.00 |
| 179.0-180.0 | 17.2 | 0.0 | 3736.6 | 0.00 | 100.00 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.010 m
 Humidity:
 Inspector:

Candlepower Table

Unit: cd

| G\C | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| G0.0 | 1126.9 | 1126.9 | 1126.9 | 1126.9 | 1126.9 | 1126.9 | 1126.9 | 1126.9 | 1126.9 | 1126.9 |
| G1.0 | 1127.2 | 1127.1 | 1126.9 | 1127.0 | 1126.8 | 1126.5 | 1126.3 | 1126.3 | 1126.1 | 1126.4 |
| G2.0 | 1127.1 | 1127.4 | 1126.7 | 1126.6 | 1126.1 | 1126.0 | 1125.4 | 1125.2 | 1125.0 | 1125.5 |
| G3.0 | 1126.9 | 1127.1 | 1126.1 | 1125.2 | 1124.8 | 1124.9 | 1123.8 | 1123.8 | 1123.5 | 1123.7 |
| G4.0 | 1126.2 | 1126.4 | 1125.1 | 1123.7 | 1123.0 | 1123.1 | 1122.7 | 1122.1 | 1121.4 | 1122.0 |
| G5.0 | 1125.3 | 1125.4 | 1123.5 | 1121.8 | 1121.0 | 1121.3 | 1120.5 | 1119.9 | 1118.8 | 1119.6 |
| G6.0 | 1124.3 | 1123.6 | 1121.3 | 1119.2 | 1118.6 | 1119.1 | 1118.1 | 1117.2 | 1115.8 | 1116.5 |
| G7.0 | 1122.9 | 1122.0 | 1118.9 | 1116.2 | 1115.5 | 1116.5 | 1115.8 | 1114.5 | 1112.9 | 1112.9 |
| G8.0 | 1120.8 | 1119.9 | 1116.3 | 1112.8 | 1112.4 | 1113.8 | 1112.5 | 1110.9 | 1108.8 | 1108.7 |
| G9.0 | 1118.3 | 1117.3 | 1112.4 | 1108.4 | 1108.4 | 1110.1 | 1109.2 | 1107.4 | 1104.7 | 1104.8 |
| G10.0 | 1116.0 | 1114.2 | 1108.9 | 1104.3 | 1104.3 | 1106.5 | 1106.0 | 1103.6 | 1100.3 | 1099.9 |
| G11.0 | 1113.1 | 1110.8 | 1104.4 | 1099.2 | 1099.2 | 1102.2 | 1101.9 | 1098.9 | 1094.7 | 1094.4 |
| G12.0 | 1109.8 | 1107.3 | 1099.9 | 1093.8 | 1094.0 | 1097.8 | 1097.9 | 1094.6 | 1089.8 | 1088.9 |
| G13.0 | 1106.6 | 1103.7 | 1095.0 | 1088.3 | 1088.6 | 1093.4 | 1093.7 | 1089.6 | 1083.8 | 1082.9 |
| G14.0 | 1102.6 | 1098.9 | 1089.1 | 1081.4 | 1082.3 | 1087.8 | 1088.8 | 1084.1 | 1077.0 | 1076.0 |
| G15.0 | 1098.4 | 1094.5 | 1083.2 | 1075.0 | 1075.8 | 1082.5 | 1083.4 | 1078.2 | 1070.7 | 1069.2 |
| G16.0 | 1093.7 | 1089.1 | 1076.7 | 1067.3 | 1068.6 | 1076.2 | 1077.7 | 1072.0 | 1062.7 | 1061.0 |
| G17.0 | 1088.9 | 1084.1 | 1069.6 | 1060.0 | 1061.6 | 1070.5 | 1072.1 | 1065.8 | 1055.6 | 1053.2 |
| G18.0 | 1084.2 | 1078.0 | 1063.0 | 1052.0 | 1054.1 | 1064.3 | 1066.4 | 1059.2 | 1047.8 | 1044.7 |
| G19.0 | 1078.1 | 1071.8 | 1055.0 | 1042.9 | 1045.4 | 1056.9 | 1059.4 | 1051.9 | 1038.8 | 1035.7 |
| G20.0 | 1072.9 | 1065.9 | 1046.9 | 1034.2 | 1037.6 | 1050.1 | 1053.2 | 1044.6 | 1030.2 | 1026.8 |
| G21.0 | 1067.0 | 1059.2 | 1039.1 | 1025.1 | 1029.3 | 1042.7 | 1046.5 | 1037.2 | 1021.6 | 1017.3 |
| G22.0 | 1059.8 | 1051.4 | 1029.8 | 1015.1 | 1019.1 | 1034.4 | 1038.6 | 1028.8 | 1012.0 | 1007.0 |
| G23.0 | 1053.8 | 1043.9 | 1020.7 | 1005.0 | 1009.9 | 1026.7 | 1031.1 | 1020.3 | 1002.6 | 996.5 |
| G24.0 | 1046.0 | 1035.8 | 1011.0 | 993.9 | 999.8 | 1017.3 | 1022.4 | 1011.2 | 991.6 | 985.6 |
| G25.0 | 1038.8 | 1027.7 | 1001.0 | 983.2 | 989.3 | 1008.9 | 1014.8 | 1002.5 | 981.7 | 974.9 |
| G26.0 | 1031.5 | 1019.4 | 991.4 | 972.7 | 979.4 | 999.8 | 1006.7 | 993.5 | 970.6 | 963.5 |
| G27.0 | 1023.0 | 1010.3 | 980.0 | 960.0 | 967.4 | 990.0 | 997.1 | 983.4 | 959.1 | 951.0 |
| G28.0 | 1015.2 | 1001.6 | 969.5 | 948.6 | 956.8 | 980.2 | 988.7 | 973.8 | 947.7 | 938.9 |
| G29.0 | 1006.8 | 992.6 | 958.9 | 936.7 | 945.2 | 970.9 | 979.6 | 963.6 | 936.5 | 927.1 |
| G30.0 | 997.9 | 982.2 | 946.4 | 923.1 | 932.9 | 960.3 | 969.0 | 952.6 | 924.0 | 913.8 |
| G31.0 | 988.7 | 972.8 | 934.9 | 910.9 | 920.9 | 949.6 | 959.8 | 942.2 | 911.7 | 900.8 |
| G32.0 | 979.2 | 961.7 | 921.9 | 896.9 | 907.8 | 938.4 | 949.4 | 930.5 | 898.5 | 886.7 |
| G33.0 | 969.4 | 951.7 | 910.2 | 884.0 | 895.7 | 927.6 | 938.8 | 919.4 | 885.6 | 873.2 |
| G34.0 | 959.8 | 940.9 | 897.1 | 870.1 | 882.9 | 916.9 | 928.2 | 908.0 | 872.5 | 859.5 |
| G35.0 | 949.1 | 929.4 | 883.9 | 855.6 | 869.0 | 904.3 | 916.4 | 895.5 | 858.4 | 844.7 |
| G36.0 | 939.0 | 917.9 | 870.7 | 842.0 | 855.6 | 892.9 | 905.8 | 884.2 | 845.3 | 830.8 |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

| G\C | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| G37.0 | 928.3 | 907.0 | 857.7 | 827.5 | 842.2 | 881.0 | 893.8 | 870.9 | 830.3 | 815.1 |
| G38.0 | 916.9 | 894.8 | 843.0 | 811.2 | 827.0 | 868.3 | 882.1 | 859.1 | 817.0 | 800.7 |
| G39.0 | 905.5 | 882.6 | 829.5 | 797.0 | 813.3 | 855.7 | 870.9 | 846.6 | 802.7 | 785.9 |
| G40.0 | 893.5 | 869.4 | 814.1 | 780.5 | 797.7 | 842.2 | 857.4 | 833.3 | 787.4 | 770.0 |
| G41.0 | 881.8 | 857.4 | 800.1 | 765.9 | 783.7 | 829.4 | 845.5 | 820.2 | 772.7 | 754.4 |
| G42.0 | 870.2 | 844.8 | 785.8 | 750.2 | 769.1 | 817.0 | 833.1 | 807.1 | 758.5 | 739.6 |
| G43.0 | 856.9 | 831.2 | 770.4 | 733.5 | 753.3 | 802.3 | 819.6 | 792.5 | 742.9 | 723.2 |
| G44.0 | 845.2 | 818.2 | 755.3 | 717.7 | 738.4 | 788.6 | 807.4 | 779.5 | 727.6 | 707.2 |
| G45.0 | 832.5 | 805.2 | 740.8 | 702.2 | 723.1 | 775.7 | 793.0 | 764.8 | 711.7 | 690.3 |
| G46.0 | 819.0 | 790.3 | 724.1 | 684.5 | 706.8 | 760.6 | 780.4 | 750.9 | 696.3 | 674.2 |
| G47.0 | 806.4 | 777.4 | 709.2 | 669.0 | 692.2 | 747.2 | 766.8 | 737.6 | 681.4 | 657.8 |
| G48.0 | 792.0 | 762.0 | 692.2 | 650.9 | 675.0 | 732.3 | 752.7 | 722.1 | 664.2 | 640.6 |
| G49.0 | 778.7 | 748.6 | 677.4 | 635.0 | 659.9 | 718.0 | 739.1 | 708.3 | 649.2 | 624.9 |
| G50.0 | 765.8 | 734.4 | 661.6 | 618.2 | 643.9 | 704.3 | 726.2 | 694.0 | 633.4 | 607.9 |
| G51.0 | 751.3 | 719.5 | 645.0 | 600.8 | 627.5 | 688.6 | 711.3 | 678.7 | 616.7 | 590.6 |
| G52.0 | 737.5 | 705.1 | 629.0 | 583.9 | 611.4 | 674.0 | 698.0 | 664.1 | 600.9 | 573.7 |
| G53.0 | 724.4 | 690.4 | 613.8 | 566.9 | 595.3 | 660.4 | 683.4 | 648.8 | 584.0 | 555.9 |
| G54.0 | 709.1 | 675.3 | 596.3 | 549.0 | 578.5 | 644.5 | 669.3 | 634.3 | 567.8 | 539.1 |
| G55.0 | 695.7 | 661.4 | 580.8 | 532.5 | 562.2 | 630.5 | 655.7 | 620.6 | 552.6 | 522.7 |
| G56.0 | 681.3 | 645.5 | 563.2 | 514.1 | 545.4 | 614.8 | 640.5 | 604.8 | 535.7 | 504.1 |
| G57.0 | 667.2 | 631.5 | 547.6 | 497.6 | 529.1 | 600.7 | 626.8 | 590.9 | 519.6 | 488.0 |
| G58.0 | 653.0 | 616.3 | 530.7 | 479.5 | 512.7 | 585.9 | 612.8 | 576.9 | 504.2 | 470.9 |
| G59.0 | 637.4 | 601.0 | 513.8 | 461.7 | 496.0 | 570.0 | 597.8 | 560.8 | 486.5 | 453.1 |
| G60.0 | 623.7 | 586.1 | 497.3 | 444.5 | 479.6 | 555.4 | 583.7 | 546.6 | 470.4 | 436.6 |
| G61.0 | 607.9 | 570.9 | 480.3 | 426.6 | 462.7 | 540.1 | 568.9 | 531.0 | 453.7 | 418.3 |
| G62.0 | 594.5 | 556.1 | 464.3 | 409.6 | 446.9 | 525.5 | 554.7 | 516.9 | 438.4 | 402.1 |
| G63.0 | 580.0 | 542.0 | 448.0 | 393.2 | 430.8 | 511.6 | 541.0 | 503.1 | 423.1 | 385.0 |
| G64.0 | 565.2 | 526.0 | 431.1 | 374.6 | 414.1 | 495.8 | 526.3 | 487.6 | 405.9 | 367.6 |
| G65.0 | 550.9 | 512.0 | 416.0 | 358.3 | 398.1 | 482.3 | 512.2 | 473.9 | 391.1 | 350.8 |
| G66.0 | 536.6 | 497.5 | 399.9 | 341.5 | 383.2 | 468.0 | 498.9 | 459.9 | 375.8 | 334.7 |
| G67.0 | 521.8 | 481.9 | 383.0 | 323.1 | 366.6 | 453.0 | 484.4 | 445.1 | 359.9 | 317.5 |
| G68.0 | 507.7 | 468.1 | 368.4 | 307.2 | 352.1 | 439.0 | 470.6 | 431.9 | 345.6 | 301.1 |
| G69.0 | 493.2 | 452.4 | 351.7 | 290.0 | 335.8 | 424.4 | 456.3 | 416.6 | 329.6 | 284.1 |
| G70.0 | 479.1 | 439.0 | 337.3 | 273.5 | 321.7 | 410.5 | 442.8 | 403.4 | 315.6 | 268.5 |
| G71.0 | 465.9 | 425.0 | 322.6 | 257.5 | 307.4 | 397.6 | 430.0 | 390.1 | 301.3 | 252.5 |
| G72.0 | 450.8 | 410.3 | 307.0 | 240.8 | 291.5 | 382.9 | 415.6 | 376.1 | 286.3 | 236.0 |
| G73.0 | 438.0 | 396.4 | 292.7 | 224.9 | 278.0 | 369.7 | 402.9 | 362.9 | 272.5 | 220.6 |

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.010 m
Humidity:
Inspector:

Candlepower Table (Continue 2)

Unit: cd

| G\C | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| G74.0 | 424.4 | 383.4 | 279.2 | 210.0 | 264.2 | 357.0 | 390.0 | 350.5 | 259.6 | 205.8 |
| G75.0 | 410.5 | 368.7 | 263.9 | 193.2 | 250.0 | 343.5 | 376.6 | 336.6 | 244.9 | 189.5 |
| G76.0 | 397.5 | 356.0 | 250.8 | 178.5 | 237.3 | 330.9 | 364.0 | 324.6 | 232.4 | 175.3 |
| G77.0 | 384.1 | 341.9 | 236.3 | 162.5 | 223.1 | 317.7 | 351.2 | 311.1 | 218.6 | 159.5 |
| G78.0 | 371.2 | 329.7 | 223.3 | 148.6 | 210.2 | 305.4 | 339.1 | 299.4 | 206.6 | 146.0 |
| G79.0 | 358.4 | 317.0 | 211.0 | 134.6 | 198.5 | 293.4 | 327.6 | 287.7 | 194.5 | 132.0 |
| G80.0 | 345.4 | 303.2 | 197.3 | 119.7 | 185.6 | 280.9 | 314.4 | 275.5 | 182.2 | 118.0 |
| G81.0 | 333.3 | 291.6 | 185.7 | 106.8 | 174.3 | 269.4 | 303.4 | 264.1 | 170.9 | 104.8 |
| G82.0 | 321.8 | 279.6 | 174.1 | 93.6 | 163.1 | 258.1 | 291.0 | 252.3 | 159.2 | 91.4 |
| G83.0 | 309.4 | 267.2 | 162.1 | 80.3 | 151.6 | 246.5 | 280.5 | 241.6 | 148.6 | 79.0 |
| G84.0 | 297.7 | 255.8 | 150.8 | 68.6 | 141.1 | 236.2 | 269.5 | 231.3 | 138.9 | 67.6 |
| G85.0 | 285.3 | 244.1 | 139.4 | 55.8 | 130.4 | 224.7 | 258.1 | 220.1 | 128.3 | 55.0 |
| G86.0 | 274.6 | 233.0 | 129.4 | 44.2 | 121.0 | 214.7 | 247.3 | 210.2 | 119.4 | 44.2 |
| G87.0 | 263.7 | 222.7 | 119.8 | 34.1 | 112.3 | 204.4 | 237.3 | 200.2 | 110.3 | 33.7 |
| G88.0 | 252.7 | 211.5 | 109.5 | 22.9 | 102.4 | 194.1 | 226.1 | 189.9 | 101.2 | 23.0 |
| G89.0 | 242.2 | 201.6 | 100.7 | 14.1 | 94.1 | 184.2 | 216.6 | 180.4 | 92.7 | 13.9 |
| G90.0 | 232.2 | 191.4 | 91.7 | 8.6 | 86.5 | 175.4 | 206.1 | 170.7 | 84.5 | 9.9 |
| G91.0 | 220.9 | 181.0 | 82.6 | 7.5 | 77.3 | 165.2 | 196.4 | 161.7 | 76.8 | 9.1 |
| G92.0 | 211.0 | 171.8 | 73.9 | 6.6 | 70.2 | 156.6 | 187.4 | 153.3 | 69.8 | 8.3 |
| G93.0 | 200.3 | 161.3 | 64.2 | 5.7 | 62.4 | 147.6 | 177.3 | 144.1 | 63.1 | 7.7 |
| G94.0 | 190.0 | 152.0 | 55.6 | 5.1 | 56.4 | 139.2 | 168.8 | 136.3 | 57.9 | 7.0 |
| G95.0 | 180.3 | 142.4 | 49.3 | 4.6 | 49.8 | 131.3 | 160.6 | 128.7 | 53.3 | 6.5 |
| G96.0 | 169.4 | 133.0 | 43.6 | 4.4 | 44.5 | 123.9 | 151.6 | 121.8 | 48.8 | 6.0 |
| G97.0 | 159.9 | 124.4 | 40.5 | 4.5 | 43.0 | 117.8 | 144.9 | 115.9 | 44.6 | 5.7 |
| G98.0 | 151.3 | 117.6 | 37.4 | 4.7 | 40.7 | 112.3 | 138.1 | 109.6 | 41.2 | 5.5 |
| G99.0 | 142.7 | 111.1 | 34.2 | 4.9 | 37.5 | 105.8 | 131.8 | 104.1 | 38.0 | 5.4 |
| G100.0 | 136.3 | 105.6 | 31.6 | 5.0 | 34.4 | 100.2 | 125.8 | 99.0 | 35.2 | 5.5 |
| G101.0 | 129.7 | 99.5 | 28.7 | 5.2 | 31.3 | 93.3 | 119.7 | 93.4 | 32.1 | 5.7 |
| G102.0 | 124.0 | 94.4 | 26.1 | 5.3 | 28.7 | 87.3 | 114.0 | 88.5 | 29.8 | 5.8 |
| G103.0 | 118.4 | 89.5 | 23.9 | 5.4 | 26.5 | 81.7 | 108.7 | 84.1 | 27.4 | 6.1 |
| G104.0 | 112.7 | 84.9 | 21.2 | 5.6 | 24.1 | 76.7 | 103.0 | 79.1 | 25.0 | 6.2 |
| G105.0 | 107.1 | 80.0 | 20.0 | 5.8 | 22.0 | 73.2 | 97.9 | 74.7 | 22.9 | 6.4 |
| G106.0 | 101.4 | 75.0 | 18.4 | 5.9 | 20.1 | 68.7 | 92.4 | 70.4 | 21.0 | 6.5 |
| G107.0 | 96.3 | 70.9 | 17.4 | 6.2 | 18.4 | 64.6 | 87.5 | 66.2 | 19.2 | 6.8 |
| G108.0 | 91.4 | 66.8 | 16.2 | 6.3 | 16.7 | 60.4 | 83.2 | 62.6 | 17.6 | 6.9 |
| G109.0 | 86.3 | 62.8 | 15.1 | 6.5 | 15.0 | 55.3 | 78.4 | 58.5 | 15.9 | 7.1 |
| G110.0 | 81.8 | 59.1 | 13.9 | 6.8 | 13.7 | 50.9 | 74.2 | 55.2 | 14.4 | 7.3 |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

| G\C | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|--------|------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| G111.0 | 77.3 | 55.6 | 12.6 | 6.9 | 12.5 | 47.9 | 70.1 | 51.8 | 13.1 | 7.4 |
| G112.0 | 72.8 | 51.9 | 11.4 | 7.1 | 11.2 | 45.3 | 65.9 | 48.2 | 11.8 | 7.7 |
| G113.0 | 68.6 | 48.8 | 10.5 | 7.2 | 10.4 | 43.1 | 62.2 | 44.6 | 11.0 | 7.8 |
| G114.0 | 64.6 | 45.2 | 9.5 | 7.5 | 10.0 | 39.0 | 58.2 | 39.0 | 10.8 | 8.1 |
| G115.0 | 60.7 | 42.8 | 9.3 | 7.7 | 10.0 | 35.5 | 54.8 | 35.9 | 10.9 | 8.2 |
| G116.0 | 57.3 | 39.1 | 9.3 | 7.9 | 10.0 | 32.5 | 51.2 | 32.9 | 10.8 | 8.4 |
| G117.0 | 53.3 | 33.8 | 9.5 | 8.1 | 10.0 | 29.8 | 47.8 | 30.1 | 10.9 | 8.6 |
| G118.0 | 50.1 | 31.0 | 9.5 | 8.2 | 10.1 | 28.0 | 44.4 | 27.8 | 10.9 | 8.8 |
| G119.0 | 46.6 | 28.4 | 9.6 | 8.4 | 10.2 | 25.9 | 41.7 | 25.7 | 10.9 | 8.9 |
| G120.0 | 42.9 | 25.9 | 9.7 | 8.6 | 10.4 | 23.7 | 38.5 | 23.5 | 11.0 | 9.2 |
| G121.0 | 40.2 | 23.7 | 9.8 | 8.9 | 10.4 | 21.9 | 35.8 | 21.6 | 11.0 | 9.3 |
| G122.0 | 37.2 | 21.6 | 9.9 | 9.1 | 10.4 | 20.2 | 32.8 | 19.9 | 11.1 | 9.5 |
| G123.0 | 34.4 | 19.9 | 10.0 | 9.3 | 10.6 | 18.6 | 30.3 | 18.3 | 11.2 | 9.8 |
| G124.0 | 31.9 | 18.3 | 10.2 | 9.5 | 10.7 | 17.2 | 27.8 | 16.9 | 11.2 | 9.9 |
| G125.0 | 29.1 | 16.8 | 10.3 | 9.8 | 10.9 | 15.8 | 25.2 | 15.5 | 11.4 | 10.1 |
| G126.0 | 26.7 | 15.5 | 10.4 | 9.9 | 11.0 | 14.6 | 23.0 | 14.3 | 11.4 | 10.4 |
| G127.0 | 24.3 | 14.4 | 10.6 | 10.1 | 11.1 | 13.9 | 21.0 | 13.8 | 11.6 | 10.5 |
| G128.0 | 21.9 | 13.3 | 10.7 | 10.3 | 11.3 | 13.7 | 19.1 | 13.8 | 11.7 | 10.7 |
| G129.0 | 20.1 | 13.0 | 10.8 | 10.4 | 11.3 | 13.7 | 17.5 | 13.8 | 11.7 | 10.9 |
| G130.0 | 18.2 | 12.9 | 11.0 | 10.6 | 11.4 | 13.7 | 15.8 | 13.8 | 11.9 | 11.0 |
| G131.0 | 16.6 | 13.0 | 11.1 | 10.8 | 11.6 | 13.7 | 15.3 | 13.8 | 12.1 | 11.1 |
| G132.0 | 15.2 | 12.9 | 11.3 | 10.9 | 11.8 | 13.8 | 15.4 | 13.8 | 12.2 | 11.3 |
| G133.0 | 14.8 | 13.1 | 11.4 | 11.1 | 11.8 | 13.8 | 15.4 | 13.8 | 12.3 | 11.5 |
| G134.0 | 14.9 | 13.1 | 11.5 | 11.3 | 12.0 | 14.0 | 15.5 | 13.9 | 12.4 | 11.7 |
| G135.0 | 14.9 | 13.3 | 11.6 | 11.5 | 12.2 | 14.0 | 15.5 | 14.1 | 12.5 | 11.9 |
| G136.0 | 15.0 | 13.4 | 11.9 | 11.7 | 12.2 | 14.0 | 15.5 | 14.2 | 12.7 | 12.0 |
| G137.0 | 15.0 | 13.5 | 12.0 | 11.9 | 12.4 | 14.2 | 15.6 | 14.3 | 12.8 | 12.2 |
| G138.0 | 15.1 | 13.8 | 12.1 | 12.1 | 12.5 | 14.1 | 15.6 | 14.4 | 12.9 | 12.4 |
| G139.0 | 15.2 | 13.8 | 12.3 | 12.2 | 12.7 | 14.3 | 15.7 | 14.5 | 13.1 | 12.6 |
| G140.0 | 15.1 | 13.8 | 12.3 | 12.4 | 12.9 | 14.3 | 15.7 | 14.7 | 13.2 | 12.8 |
| G141.0 | 15.3 | 13.8 | 12.6 | 12.5 | 13.0 | 14.4 | 15.8 | 14.7 | 13.3 | 12.9 |
| G142.0 | 15.2 | 14.0 | 12.7 | 12.6 | 13.1 | 14.4 | 15.9 | 14.8 | 13.5 | 13.1 |
| G143.0 | 15.4 | 14.1 | 12.9 | 12.9 | 13.2 | 14.5 | 15.9 | 14.9 | 13.6 | 13.2 |
| G144.0 | 15.4 | 14.2 | 13.1 | 13.0 | 13.5 | 14.6 | 16.0 | 15.0 | 13.8 | 13.4 |
| G145.0 | 15.5 | 14.3 | 13.2 | 13.2 | 13.5 | 14.7 | 16.0 | 15.2 | 13.9 | 13.5 |
| G146.0 | 15.5 | 14.4 | 13.3 | 13.4 | 13.7 | 14.8 | 16.0 | 15.2 | 14.0 | 13.7 |
| G147.0 | 15.6 | 14.6 | 13.5 | 13.5 | 13.9 | 15.0 | 16.1 | 15.2 | 14.1 | 14.0 |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

Candlepower Table (Continue 4)

Unit: cd

| G\C | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|--------|------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| G148.0 | 15.6 | 14.7 | 13.7 | 13.7 | 14.0 | 15.0 | 16.1 | 15.3 | 14.2 | 14.0 |
| G149.0 | 15.7 | 14.7 | 13.9 | 13.8 | 14.0 | 15.1 | 16.1 | 15.5 | 14.4 | 14.1 |
| G150.0 | 15.7 | 14.8 | 14.0 | 14.0 | 14.0 | 15.2 | 16.2 | 15.5 | 14.5 | 14.2 |
| G151.0 | 15.7 | 14.9 | 14.1 | 14.1 | 14.3 | 15.3 | 16.1 | 15.5 | 14.6 | 14.4 |
| G152.0 | 15.8 | 15.0 | 14.2 | 14.2 | 14.5 | 15.4 | 16.2 | 15.6 | 14.7 | 14.6 |
| G153.0 | 15.8 | 15.0 | 14.4 | 14.4 | 14.6 | 15.5 | 16.2 | 15.7 | 14.8 | 14.7 |
| G154.0 | 15.9 | 15.2 | 14.5 | 14.5 | 14.6 | 15.5 | 16.2 | 15.8 | 14.9 | 14.8 |
| G155.0 | 15.9 | 15.3 | 14.7 | 14.7 | 14.8 | 15.7 | 16.2 | 15.8 | 15.1 | 15.0 |
| G156.0 | 15.9 | 15.3 | 14.8 | 14.9 | 14.9 | 15.8 | 16.3 | 15.9 | 15.1 | 15.1 |
| G157.0 | 15.9 | 15.4 | 15.0 | 15.0 | 15.0 | 15.9 | 16.3 | 15.8 | 15.2 | 15.2 |
| G158.0 | 16.0 | 15.4 | 15.1 | 15.1 | 15.1 | 15.9 | 16.3 | 16.0 | 15.3 | 15.4 |
| G159.0 | 16.0 | 15.5 | 15.2 | 15.2 | 15.2 | 16.0 | 16.3 | 16.0 | 15.3 | 15.5 |
| G160.0 | 16.1 | 15.6 | 15.3 | 15.4 | 15.1 | 16.0 | 16.3 | 16.1 | 15.4 | 15.5 |
| G161.0 | 16.1 | 15.6 | 15.4 | 15.5 | 15.2 | 16.1 | 16.4 | 16.1 | 15.5 | 15.7 |
| G162.0 | 16.1 | 15.7 | 15.5 | 15.6 | 15.3 | 16.1 | 16.4 | 16.1 | 15.5 | 15.8 |
| G163.0 | 16.1 | 15.8 | 15.6 | 15.7 | 15.4 | 16.2 | 16.4 | 16.1 | 15.7 | 15.9 |
| G164.0 | 16.3 | 15.8 | 15.8 | 15.8 | 15.5 | 16.3 | 16.5 | 16.1 | 15.8 | 16.0 |
| G165.0 | 16.3 | 15.8 | 15.9 | 15.9 | 15.5 | 16.3 | 16.6 | 16.2 | 15.8 | 16.2 |
| G166.0 | 16.3 | 16.0 | 15.9 | 16.1 | 15.7 | 16.3 | 16.5 | 16.2 | 16.0 | 16.3 |
| G167.0 | 16.4 | 16.0 | 16.0 | 16.2 | 15.8 | 16.4 | 16.6 | 16.3 | 16.0 | 16.4 |
| G168.0 | 16.4 | 16.1 | 16.1 | 16.2 | 15.9 | 16.3 | 16.6 | 16.3 | 16.1 | 16.4 |
| G169.0 | 16.5 | 16.2 | 16.2 | 16.4 | 15.9 | 16.4 | 16.7 | 16.3 | 16.2 | 16.6 |
| G170.0 | 16.5 | 16.3 | 16.2 | 16.6 | 16.1 | 16.4 | 16.7 | 16.4 | 16.2 | 16.6 |
| G171.0 | 16.7 | 16.3 | 16.3 | 16.7 | 16.1 | 16.3 | 16.7 | 16.4 | 16.3 | 16.8 |
| G172.0 | 16.7 | 16.4 | 16.4 | 16.8 | 16.2 | 16.3 | 16.8 | 16.4 | 16.4 | 16.9 |
| G173.0 | 16.8 | 16.4 | 16.5 | 16.8 | 16.3 | 16.3 | 16.9 | 16.4 | 16.5 | 16.9 |
| G174.0 | 16.8 | 16.5 | 16.5 | 16.9 | 16.5 | 16.3 | 16.8 | 16.4 | 16.6 | 17.1 |
| G175.0 | 16.9 | 16.6 | 16.6 | 17.0 | 16.7 | 16.2 | 16.9 | 16.4 | 16.8 | 17.1 |
| G176.0 | 17.0 | 16.5 | 16.7 | 17.0 | 16.8 | 16.4 | 16.9 | 16.5 | 16.9 | 17.2 |
| G177.0 | 16.9 | 16.6 | 16.8 | 17.1 | 17.0 | 16.7 | 17.0 | 16.7 | 16.9 | 17.2 |
| G178.0 | 17.0 | 16.8 | 16.9 | 17.3 | 17.1 | 16.8 | 17.1 | 16.9 | 17.1 | 17.3 |
| G179.0 | 17.2 | 17.0 | 17.1 | 17.2 | 17.1 | 17.0 | 17.4 | 17.1 | 17.2 | 17.3 |
| G180.0 | 17.3 | 17.1 | 17.1 | 17.2 | 17.2 | 17.1 | 17.5 | 17.1 | 17.1 | 17.3 |
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C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

Candlepower Table (Continue 5)

Unit: cd

| G\C | C300.0 | C330.0 | C360.0 | | | | | | | |
|-------|--------|--------|--------|--|--|--|--|--|--|--|
| G0.0 | 1126.9 | 1126.9 | 1126.9 | | | | | | | |
| G1.0 | 1126.9 | 1126.9 | 1127.2 | | | | | | | |
| G2.0 | 1126.3 | 1126.5 | 1127.1 | | | | | | | |
| G3.0 | 1125.0 | 1126.0 | 1126.9 | | | | | | | |
| G4.0 | 1123.4 | 1125.0 | 1126.2 | | | | | | | |
| G5.0 | 1121.3 | 1123.8 | 1125.3 | | | | | | | |
| G6.0 | 1119.0 | 1122.1 | 1124.3 | | | | | | | |
| G7.0 | 1116.2 | 1120.0 | 1122.9 | | | | | | | |
| G8.0 | 1112.3 | 1117.1 | 1120.8 | | | | | | | |
| G9.0 | 1108.9 | 1114.5 | 1118.3 | | | | | | | |
| G10.0 | 1105.0 | 1111.7 | 1116.0 | | | | | | | |
| G11.0 | 1099.8 | 1107.6 | 1113.1 | | | | | | | |
| G12.0 | 1095.3 | 1103.9 | 1109.8 | | | | | | | |
| G13.0 | 1090.1 | 1099.7 | 1106.6 | | | | | | | |
| G14.0 | 1083.3 | 1094.9 | 1102.6 | | | | | | | |
| G15.0 | 1077.6 | 1089.9 | 1098.4 | | | | | | | |
| G16.0 | 1070.4 | 1084.3 | 1093.7 | | | | | | | |
| G17.0 | 1063.4 | 1078.6 | 1088.9 | | | | | | | |
| G18.0 | 1056.4 | 1073.1 | 1084.2 | | | | | | | |
| G19.0 | 1047.7 | 1066.2 | 1078.1 | | | | | | | |
| G20.0 | 1039.8 | 1059.4 | 1072.9 | | | | | | | |
| G21.0 | 1031.2 | 1052.8 | 1067.0 | | | | | | | |
| G22.0 | 1021.7 | 1044.8 | 1059.8 | | | | | | | |
| G23.0 | 1012.9 | 1037.6 | 1053.8 | | | | | | | |
| G24.0 | 1002.3 | 1029.2 | 1046.0 | | | | | | | |
| G25.0 | 992.6 | 1021.3 | 1038.8 | | | | | | | |
| G26.0 | 982.2 | 1012.7 | 1031.5 | | | | | | | |
| G27.0 | 970.9 | 1003.3 | 1023.0 | | | | | | | |
| G28.0 | 960.2 | 994.2 | 1015.2 | | | | | | | |
| G29.0 | 948.9 | 985.0 | 1006.8 | | | | | | | |
| G30.0 | 936.4 | 974.6 | 997.9 | | | | | | | |
| G31.0 | 925.2 | 964.4 | 988.7 | | | | | | | |
| G32.0 | 911.8 | 953.5 | 979.2 | | | | | | | |
| G33.0 | 899.0 | 942.7 | 969.4 | | | | | | | |
| G34.0 | 886.1 | 931.9 | 959.8 | | | | | | | |
| G35.0 | 872.3 | 920.2 | 949.1 | | | | | | | |
| G36.0 | 859.7 | 908.7 | 939.0 | | | | | | | |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

Candlepower Table (Continue 6)

Unit: cd

| G\C | C300.0 | C330.0 | C360.0 | | | | | | | |
|-------|--------|--------|--------|--|--|--|--|--|--|--|
| G37.0 | 844.5 | 896.6 | 928.3 | | | | | | | |
| G38.0 | 831.2 | 884.7 | 916.9 | | | | | | | |
| G39.0 | 817.7 | 872.9 | 905.5 | | | | | | | |
| G40.0 | 802.5 | 859.4 | 893.5 | | | | | | | |
| G41.0 | 787.9 | 847.2 | 881.8 | | | | | | | |
| G42.0 | 773.8 | 834.8 | 870.2 | | | | | | | |
| G43.0 | 758.4 | 820.5 | 856.9 | | | | | | | |
| G44.0 | 743.1 | 807.8 | 845.2 | | | | | | | |
| G45.0 | 727.3 | 793.5 | 832.5 | | | | | | | |
| G46.0 | 712.1 | 780.0 | 819.0 | | | | | | | |
| G47.0 | 697.1 | 766.1 | 806.4 | | | | | | | |
| G48.0 | 680.8 | 751.2 | 792.0 | | | | | | | |
| G49.0 | 665.2 | 737.4 | 778.7 | | | | | | | |
| G50.0 | 650.2 | 723.8 | 765.8 | | | | | | | |
| G51.0 | 632.7 | 708.7 | 751.3 | | | | | | | |
| G52.0 | 617.6 | 694.2 | 737.5 | | | | | | | |
| G53.0 | 600.1 | 678.6 | 724.4 | | | | | | | |
| G54.0 | 584.7 | 664.2 | 709.1 | | | | | | | |
| G55.0 | 568.9 | 650.1 | 695.7 | | | | | | | |
| G56.0 | 551.9 | 634.4 | 681.3 | | | | | | | |
| G57.0 | 535.6 | 620.3 | 667.2 | | | | | | | |
| G58.0 | 520.3 | 605.8 | 653.0 | | | | | | | |
| G59.0 | 502.7 | 590.4 | 637.4 | | | | | | | |
| G60.0 | 487.0 | 575.7 | 623.7 | | | | | | | |
| G61.0 | 470.4 | 560.4 | 607.9 | | | | | | | |
| G62.0 | 454.2 | 546.2 | 594.5 | | | | | | | |
| G63.0 | 438.8 | 531.3 | 580.0 | | | | | | | |
| G64.0 | 421.5 | 516.1 | 565.2 | | | | | | | |
| G65.0 | 406.3 | 501.5 | 550.9 | | | | | | | |
| G66.0 | 390.6 | 487.8 | 536.6 | | | | | | | |
| G67.0 | 374.7 | 472.9 | 521.8 | | | | | | | |
| G68.0 | 360.0 | 458.6 | 507.7 | | | | | | | |
| G69.0 | 343.4 | 443.6 | 493.2 | | | | | | | |
| G70.0 | 329.3 | 429.4 | 479.1 | | | | | | | |
| G71.0 | 314.6 | 416.2 | 465.9 | | | | | | | |
| G72.0 | 299.4 | 401.6 | 450.8 | | | | | | | |
| G73.0 | 285.8 | 387.8 | 438.0 | | | | | | | |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

Candlepower Table (Continue 7)

Unit: cd

| G\C | C300.0 | C330.0 | C360.0 | | | | | | | |
|--------|--------|--------|--------|--|--|--|--|--|--|--|
| G74.0 | 271.8 | 375.0 | 424.4 | | | | | | | |
| G75.0 | 256.8 | 360.5 | 410.5 | | | | | | | |
| G76.0 | 244.0 | 347.4 | 397.5 | | | | | | | |
| G77.0 | 229.4 | 333.8 | 384.1 | | | | | | | |
| G78.0 | 217.1 | 321.6 | 371.2 | | | | | | | |
| G79.0 | 205.0 | 309.2 | 358.4 | | | | | | | |
| G80.0 | 191.7 | 296.2 | 345.4 | | | | | | | |
| G81.0 | 179.4 | 284.1 | 333.3 | | | | | | | |
| G82.0 | 167.6 | 271.7 | 321.8 | | | | | | | |
| G83.0 | 156.7 | 260.2 | 309.4 | | | | | | | |
| G84.0 | 145.8 | 249.4 | 297.7 | | | | | | | |
| G85.0 | 134.4 | 237.3 | 285.3 | | | | | | | |
| G86.0 | 124.8 | 226.5 | 274.6 | | | | | | | |
| G87.0 | 115.0 | 216.3 | 263.7 | | | | | | | |
| G88.0 | 105.2 | 205.7 | 252.7 | | | | | | | |
| G89.0 | 96.8 | 195.5 | 242.2 | | | | | | | |
| G90.0 | 86.7 | 184.9 | 232.2 | | | | | | | |
| G91.0 | 78.9 | 174.5 | 220.9 | | | | | | | |
| G92.0 | 70.2 | 165.4 | 211.0 | | | | | | | |
| G93.0 | 61.4 | 154.1 | 200.3 | | | | | | | |
| G94.0 | 53.7 | 144.6 | 190.0 | | | | | | | |
| G95.0 | 48.2 | 134.8 | 180.3 | | | | | | | |
| G96.0 | 43.0 | 125.0 | 169.4 | | | | | | | |
| G97.0 | 39.0 | 116.1 | 159.9 | | | | | | | |
| G98.0 | 34.8 | 108.7 | 151.3 | | | | | | | |
| G99.0 | 31.9 | 102.5 | 142.7 | | | | | | | |
| G100.0 | 29.1 | 97.2 | 136.3 | | | | | | | |
| G101.0 | 26.3 | 91.8 | 129.7 | | | | | | | |
| G102.0 | 24.0 | 86.8 | 124.0 | | | | | | | |
| G103.0 | 21.7 | 82.9 | 118.4 | | | | | | | |
| G104.0 | 19.9 | 78.2 | 112.7 | | | | | | | |
| G105.0 | 18.5 | 74.3 | 107.1 | | | | | | | |
| G106.0 | 17.3 | 70.2 | 101.4 | | | | | | | |
| G107.0 | 16.4 | 66.8 | 96.3 | | | | | | | |
| G108.0 | 15.4 | 63.5 | 91.4 | | | | | | | |
| G109.0 | 14.0 | 60.0 | 86.3 | | | | | | | |
| G110.0 | 12.9 | 56.8 | 81.8 | | | | | | | |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

Candlepower Table (Continue 8)

Unit: cd

| G\C | C300.0 | C330.0 | C360.0 | | | | | | | |
|--------|--------|--------|--------|--|--|--|--|--|--|--|
| G111.0 | 11.9 | 53.6 | 77.3 | | | | | | | |
| G112.0 | 11.0 | 50.4 | 72.8 | | | | | | | |
| G113.0 | 10.1 | 47.1 | 68.6 | | | | | | | |
| G114.0 | 9.5 | 43.5 | 64.6 | | | | | | | |
| G115.0 | 9.5 | 41.2 | 60.7 | | | | | | | |
| G116.0 | 9.6 | 37.0 | 57.3 | | | | | | | |
| G117.0 | 9.7 | 32.9 | 53.3 | | | | | | | |
| G118.0 | 9.8 | 30.2 | 50.1 | | | | | | | |
| G119.0 | 10.0 | 27.6 | 46.6 | | | | | | | |
| G120.0 | 10.1 | 25.2 | 42.9 | | | | | | | |
| G121.0 | 10.2 | 23.2 | 40.2 | | | | | | | |
| G122.0 | 10.3 | 21.3 | 37.2 | | | | | | | |
| G123.0 | 10.5 | 19.4 | 34.4 | | | | | | | |
| G124.0 | 10.6 | 17.8 | 31.9 | | | | | | | |
| G125.0 | 10.7 | 16.4 | 29.1 | | | | | | | |
| G126.0 | 10.9 | 15.2 | 26.7 | | | | | | | |
| G127.0 | 11.0 | 14.1 | 24.3 | | | | | | | |
| G128.0 | 11.1 | 13.6 | 21.9 | | | | | | | |
| G129.0 | 11.2 | 13.5 | 20.1 | | | | | | | |
| G130.0 | 11.4 | 13.5 | 18.2 | | | | | | | |
| G131.0 | 11.6 | 13.4 | 16.6 | | | | | | | |
| G132.0 | 11.7 | 13.5 | 15.2 | | | | | | | |
| G133.0 | 11.8 | 13.6 | 14.8 | | | | | | | |
| G134.0 | 11.9 | 13.8 | 14.9 | | | | | | | |
| G135.0 | 12.1 | 13.9 | 14.9 | | | | | | | |
| G136.0 | 12.2 | 14.1 | 15.0 | | | | | | | |
| G137.0 | 12.3 | 14.0 | 15.0 | | | | | | | |
| G138.0 | 12.5 | 14.0 | 15.1 | | | | | | | |
| G139.0 | 12.7 | 14.2 | 15.2 | | | | | | | |
| G140.0 | 12.8 | 14.3 | 15.1 | | | | | | | |
| G141.0 | 13.0 | 14.4 | 15.3 | | | | | | | |
| G142.0 | 13.1 | 14.5 | 15.2 | | | | | | | |
| G143.0 | 13.3 | 14.6 | 15.4 | | | | | | | |
| G144.0 | 13.4 | 14.7 | 15.4 | | | | | | | |
| G145.0 | 13.6 | 14.8 | 15.5 | | | | | | | |
| G146.0 | 13.8 | 14.9 | 15.5 | | | | | | | |
| G147.0 | 13.9 | 15.0 | 15.6 | | | | | | | |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

Candlepower Table (Continue 9)

Unit: cd

| G\C | C300.0 | C330.0 | C360.0 | | | | | | | |
|--------|--------|--------|--------|--|--|--|--|--|--|--|
| G148.0 | 14.0 | 15.1 | 15.6 | | | | | | | |
| G149.0 | 14.0 | 15.2 | 15.7 | | | | | | | |
| G150.0 | 14.2 | 15.3 | 15.7 | | | | | | | |
| G151.0 | 14.4 | 15.3 | 15.7 | | | | | | | |
| G152.0 | 14.5 | 15.4 | 15.8 | | | | | | | |
| G153.0 | 14.6 | 15.5 | 15.8 | | | | | | | |
| G154.0 | 14.8 | 15.5 | 15.9 | | | | | | | |
| G155.0 | 15.0 | 15.6 | 15.9 | | | | | | | |
| G156.0 | 15.1 | 15.7 | 15.9 | | | | | | | |
| G157.0 | 15.2 | 15.8 | 15.9 | | | | | | | |
| G158.0 | 15.3 | 15.8 | 16.0 | | | | | | | |
| G159.0 | 15.4 | 15.8 | 16.0 | | | | | | | |
| G160.0 | 15.5 | 15.9 | 16.1 | | | | | | | |
| G161.0 | 15.7 | 16.0 | 16.1 | | | | | | | |
| G162.0 | 15.8 | 16.1 | 16.1 | | | | | | | |
| G163.0 | 15.9 | 16.2 | 16.1 | | | | | | | |
| G164.0 | 16.0 | 16.2 | 16.3 | | | | | | | |
| G165.0 | 16.1 | 16.2 | 16.3 | | | | | | | |
| G166.0 | 16.2 | 16.3 | 16.3 | | | | | | | |
| G167.0 | 16.3 | 16.4 | 16.4 | | | | | | | |
| G168.0 | 16.3 | 16.4 | 16.4 | | | | | | | |
| G169.0 | 16.4 | 16.6 | 16.5 | | | | | | | |
| G170.0 | 16.5 | 16.6 | 16.5 | | | | | | | |
| G171.0 | 16.5 | 16.7 | 16.7 | | | | | | | |
| G172.0 | 16.6 | 16.7 | 16.7 | | | | | | | |
| G173.0 | 16.7 | 16.7 | 16.8 | | | | | | | |
| G174.0 | 16.8 | 16.8 | 16.8 | | | | | | | |
| G175.0 | 16.8 | 16.8 | 16.9 | | | | | | | |
| G176.0 | 16.9 | 16.9 | 17.0 | | | | | | | |
| G177.0 | 17.0 | 16.9 | 16.9 | | | | | | | |
| G178.0 | 17.1 | 17.0 | 17.0 | | | | | | | |
| G179.0 | 17.2 | 17.1 | 17.2 | | | | | | | |
| G180.0 | 17.2 | 17.1 | 17.3 | | | | | | | |
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C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector: