



Report No.:

Test Time: 2021-08-22 10:28

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: RAD-S-CIS-9.5000.24.8

Luminous Length (mm): -80

Luminous Width (mm): -80

Luminous Height (mm): 73

Voltage: 24.0 V

Current: 0.361 A

Power: 8.66 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 959.9 lm

Downward Ratio: 100%

Total Rated Lamp Lumens: 959.9 lm

Efficiency: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 21.8, 21.5, 21.6, 21.7

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 11.9, 11.8, 11.8, 11.8

Luminaire Efficacy Rating (LER): 110.89

Central Intensity: 15746.41 cd

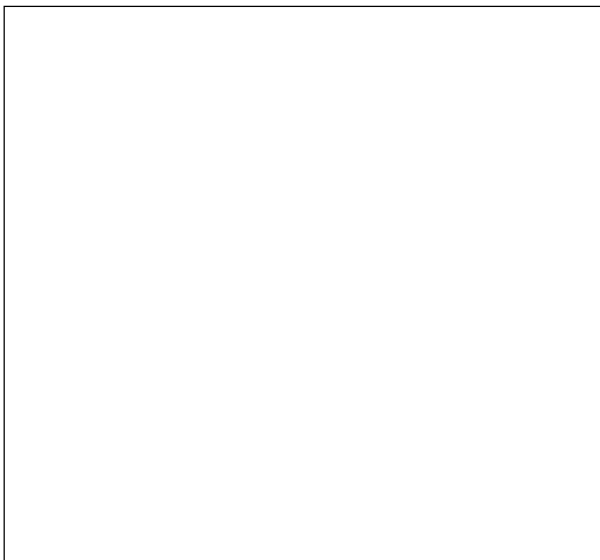
Max. Intensity: 15746.42 cd

Pos of Max. Intensity: H0 V0

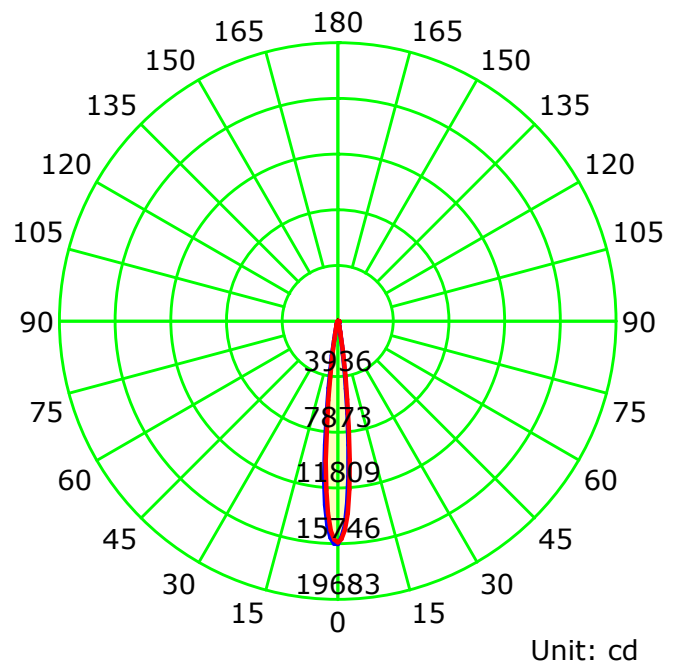
S/MH(C0/C180): 0.21

S/MH(C90/C270): 0.20

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 10.0

Test Lab: Svet-lab

Test Type: TYPE C

Temperature:

Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B

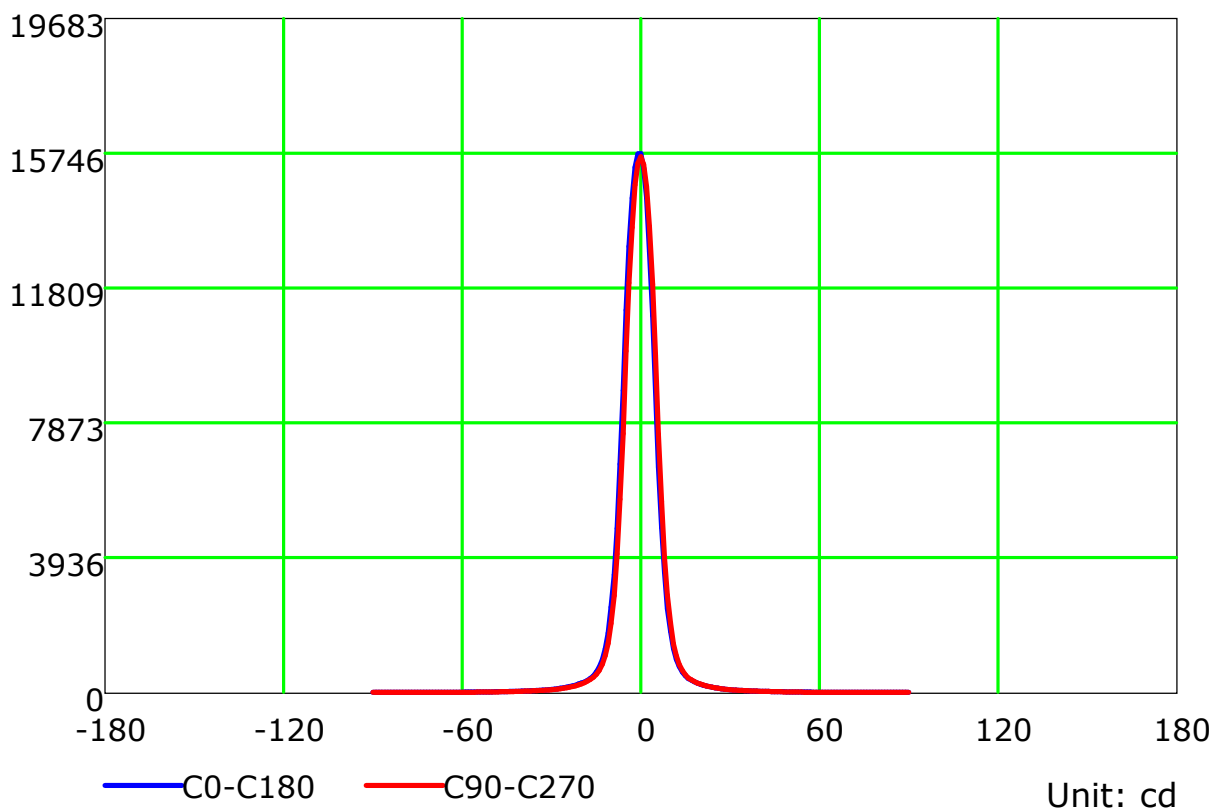
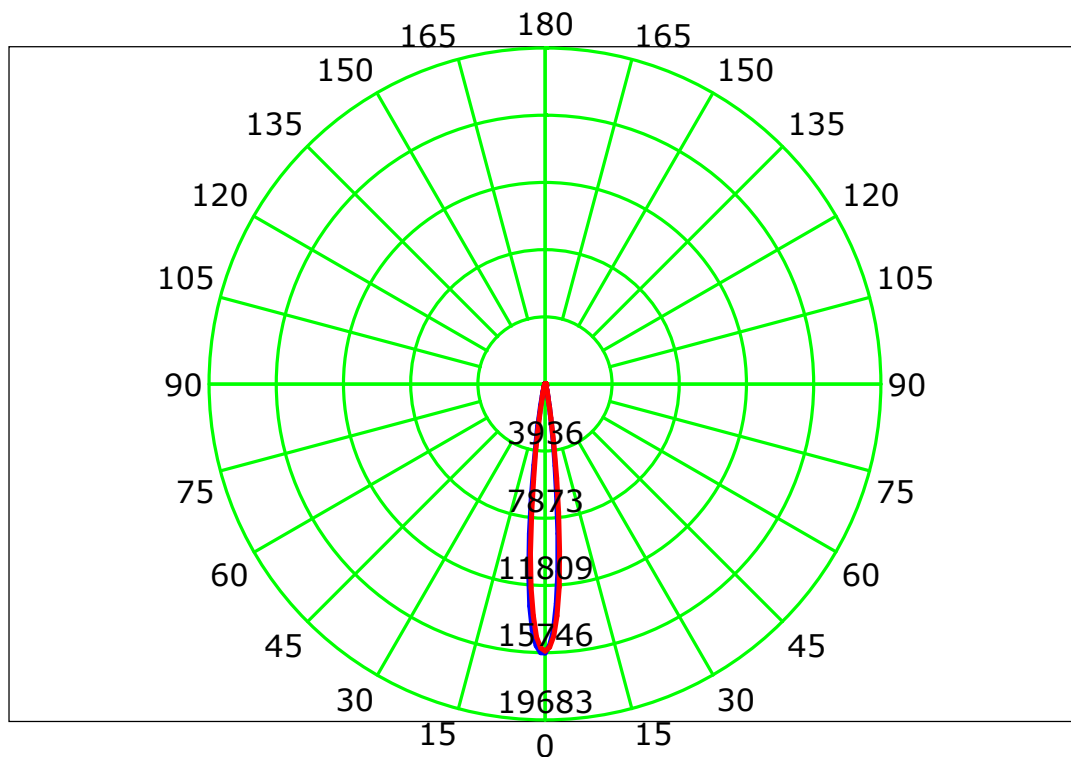
Distance: 9.600 m

Humidity:

Inspector:



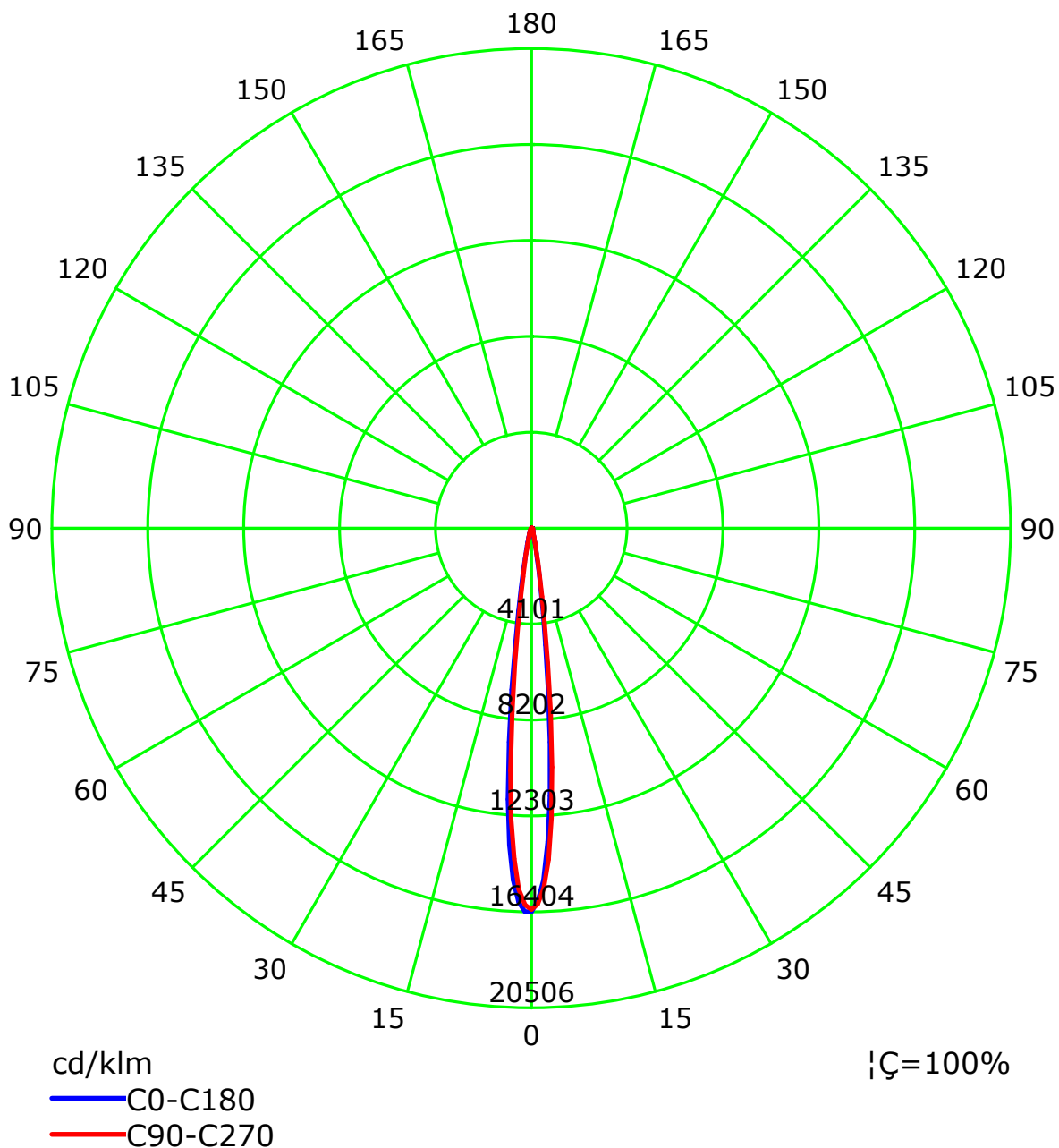
Luminous Intensity Distribution Curve



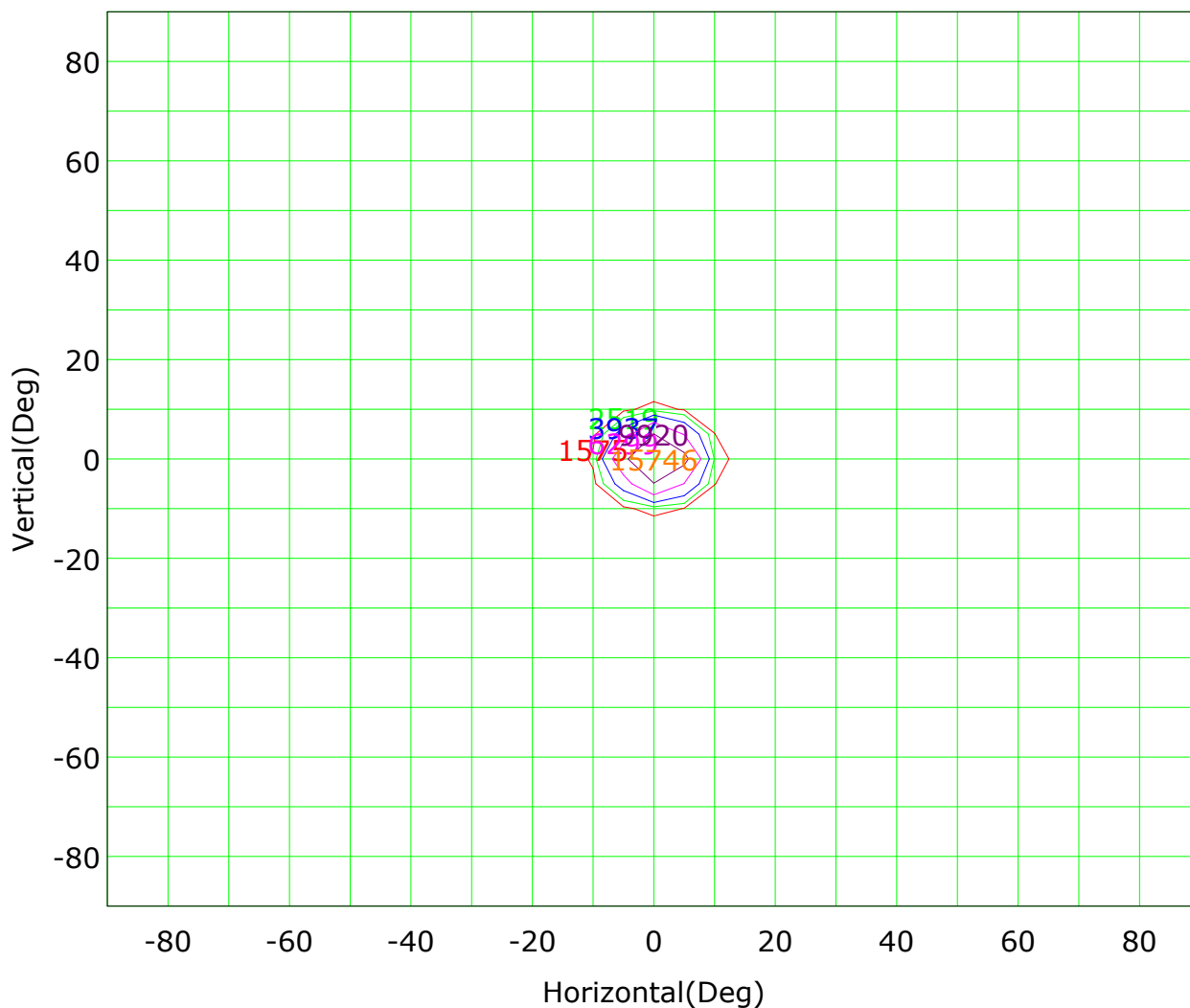
C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



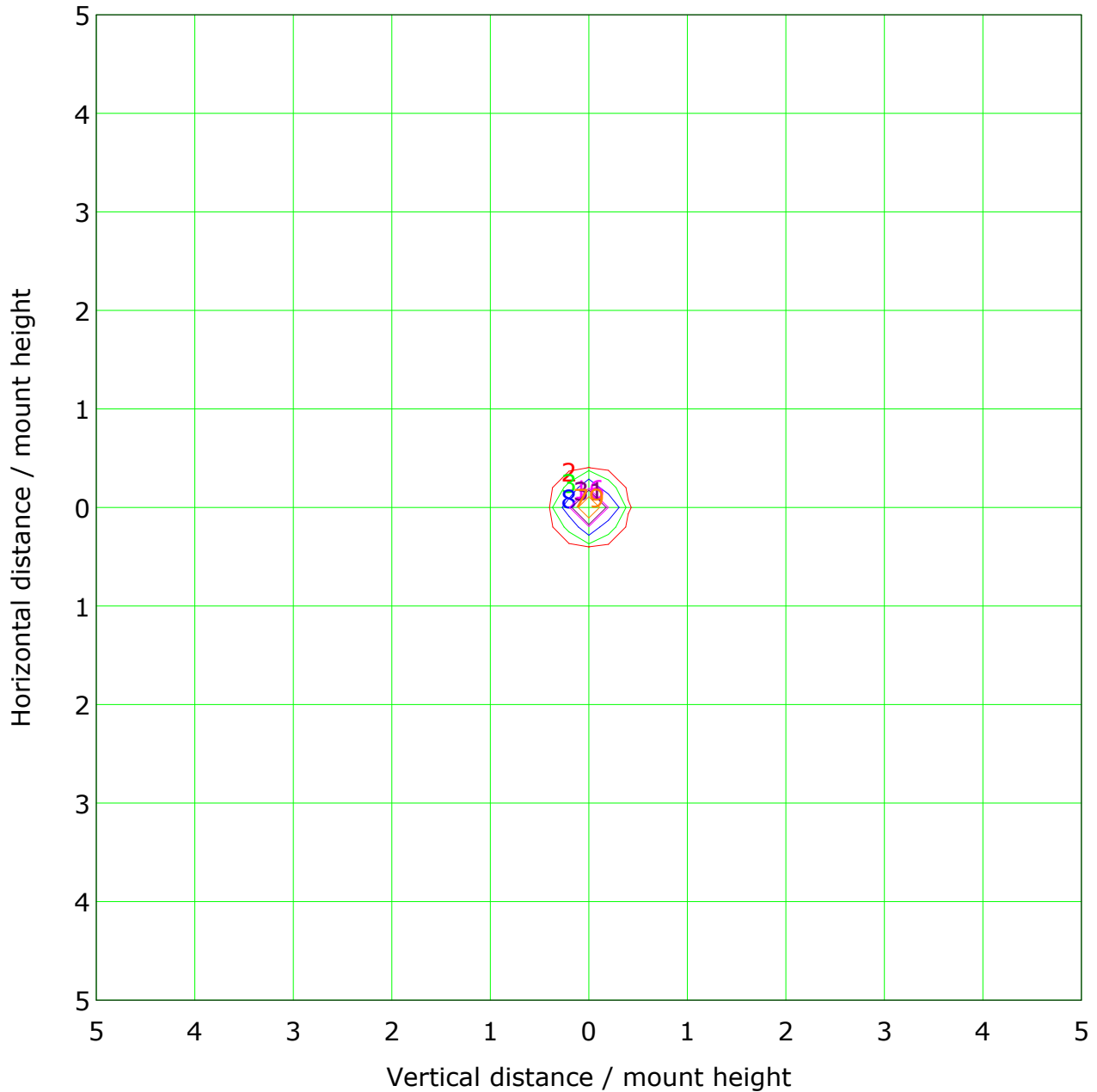
Isocandela (rectangle)



Imax (100%): 15746 cd

| | |
|-----------------|------------------|
| (10%): 1575 cd | (16%): 2519 cd |
| (25%): 3937 cd | (40%): 6299 cd |
| (63%): 9920 cd | (100%): 15746 cd |

IsoLux Plot



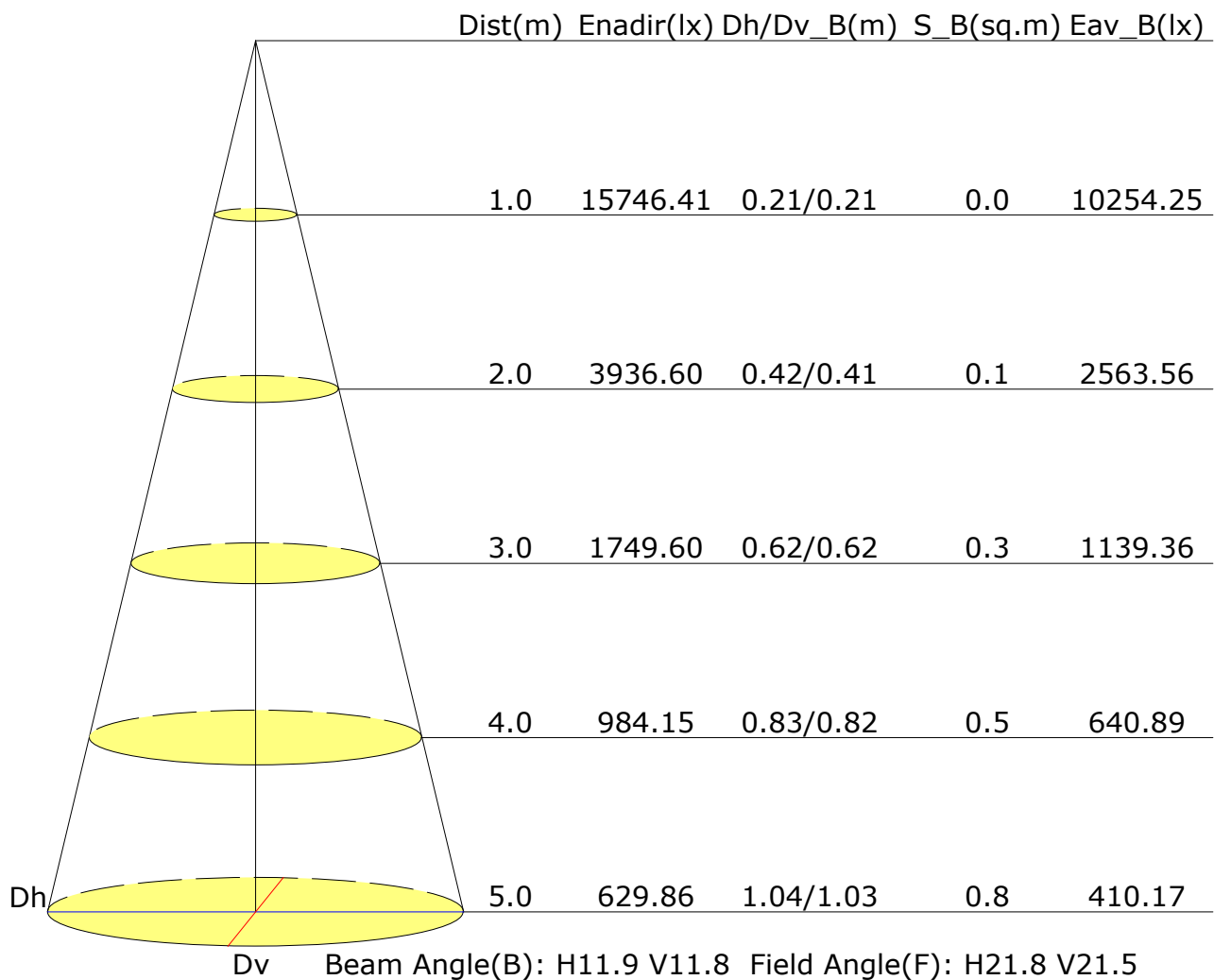
Mounting Height: 10.0m Max Lux(100%): 157.5 lx

| | |
|------------------|-----------------|
| (1%): 1.6 lx | (2%): 3.1 lx |
| (5%): 7.9 lx | (10%): 15.7 lx |
| (20%): 31.5 lx | (50%): 78.7 lx |
| (100%): 157.5 lx | |

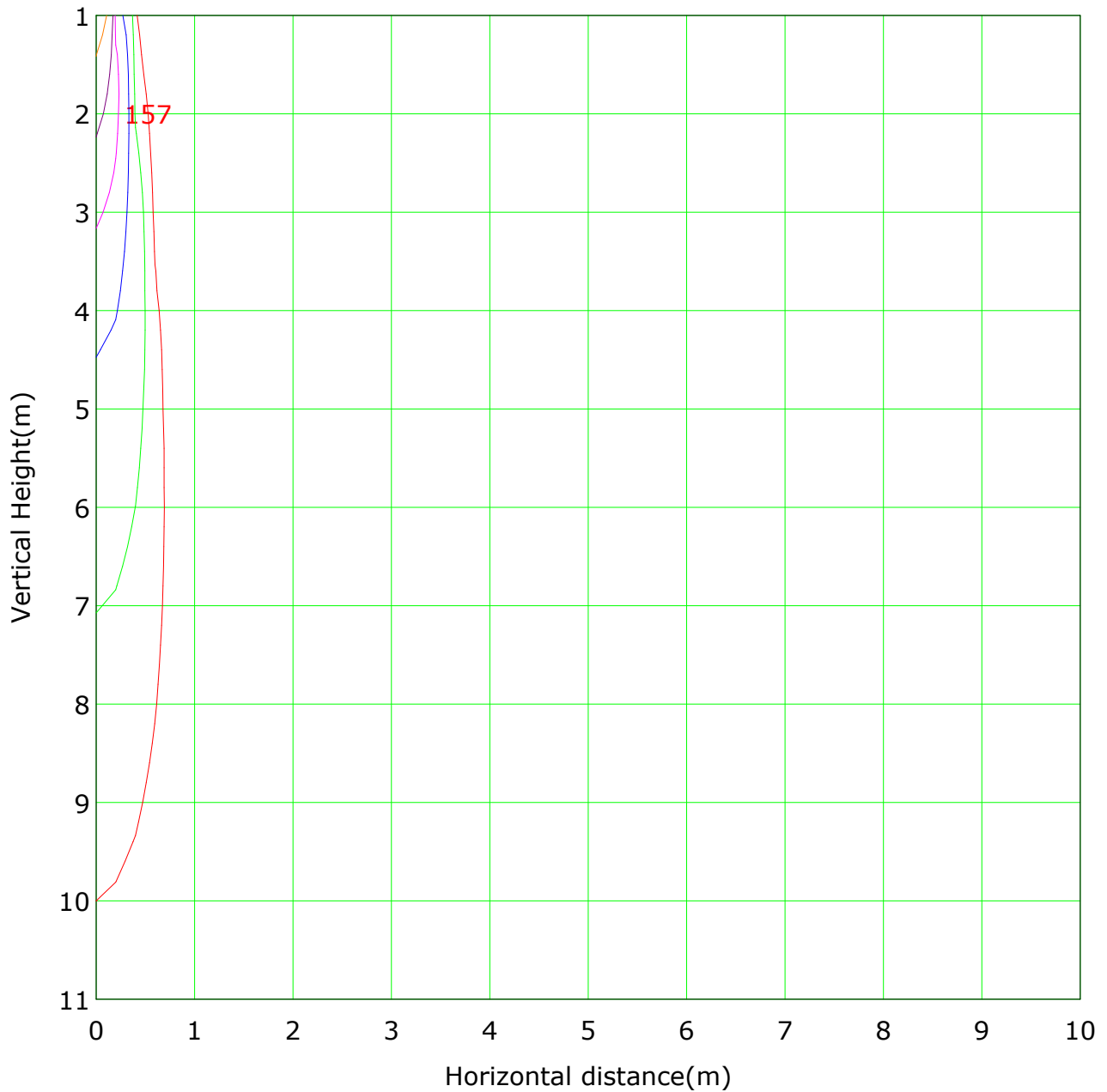
C Plane (°):0.0-360.0: 10.0
 Test Lab: Svet-lab
 Test Type: TYPE C
 Temperature:
 Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
 Test Device: LSG-1700B
 Distance: 9.600 m
 Humidity:
 Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

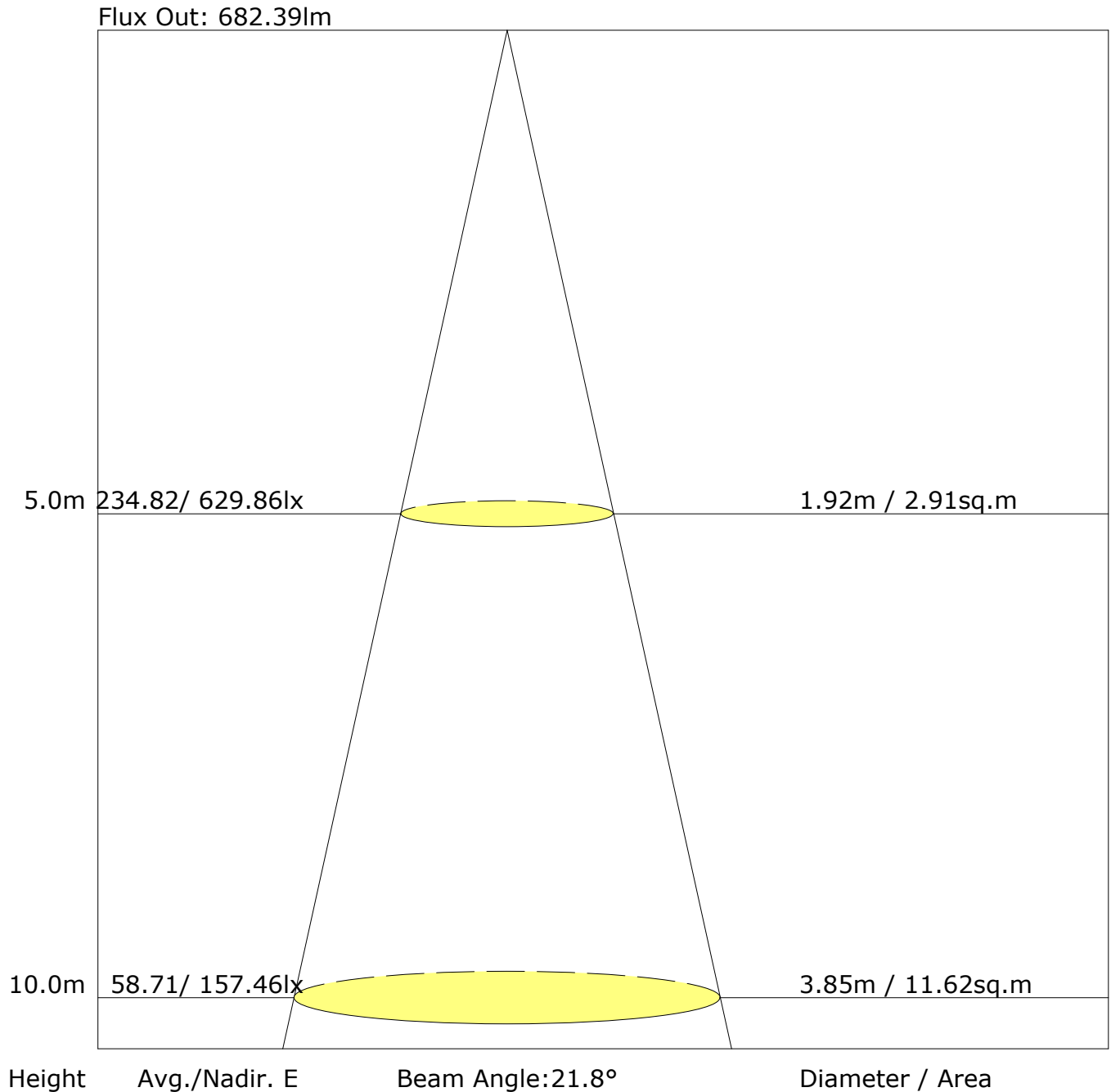


Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 15746.4 lx

| | |
|----------------------|---------------------|
| — (1%): 157.5 lx | — (2%): 314.9 lx |
| — (5%): 787.3 lx | — (10%): 1574.6 lx |
| — (20%): 3149.3 lx | — (50%): 7873.2 lx |
| — (100%): 15746.4 lx | |



The Average Illuminance Effective Figure



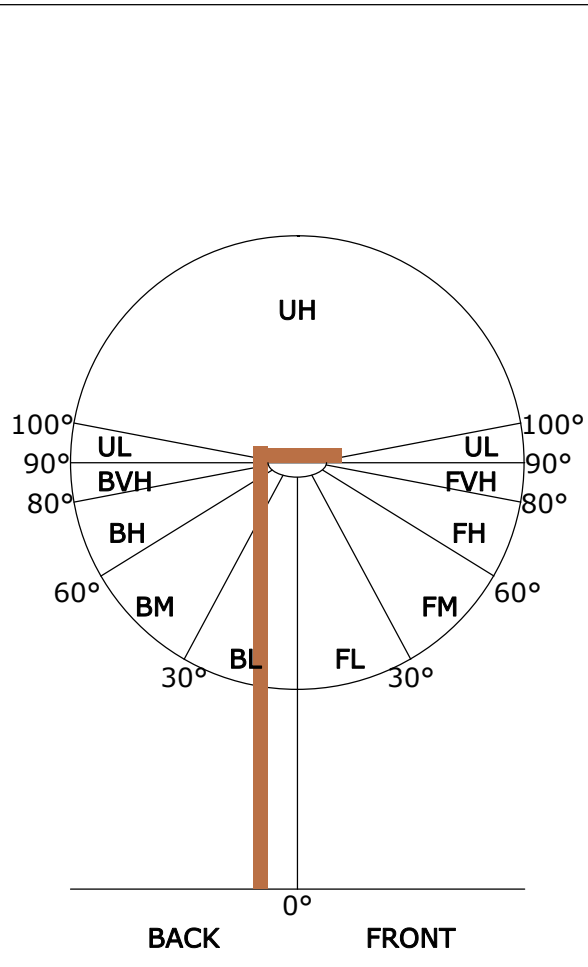


UGR Table

| | | | | | | | | | | |
|--|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| 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.\$/7.2 | | | | | -1.\$/7.8 | | | | |
| S=1.5H | -1.\$/9.2 | | | | | -1.\$/10.7 | | | | |
| S=2.0H | -1.\$/11.2 | | | | | -1.\$/12.8 | | | | |

Calculate in accordance with CIE Pub.117. The table is revised with 960lm ($8\log(F/F_0) = -0.1$).

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

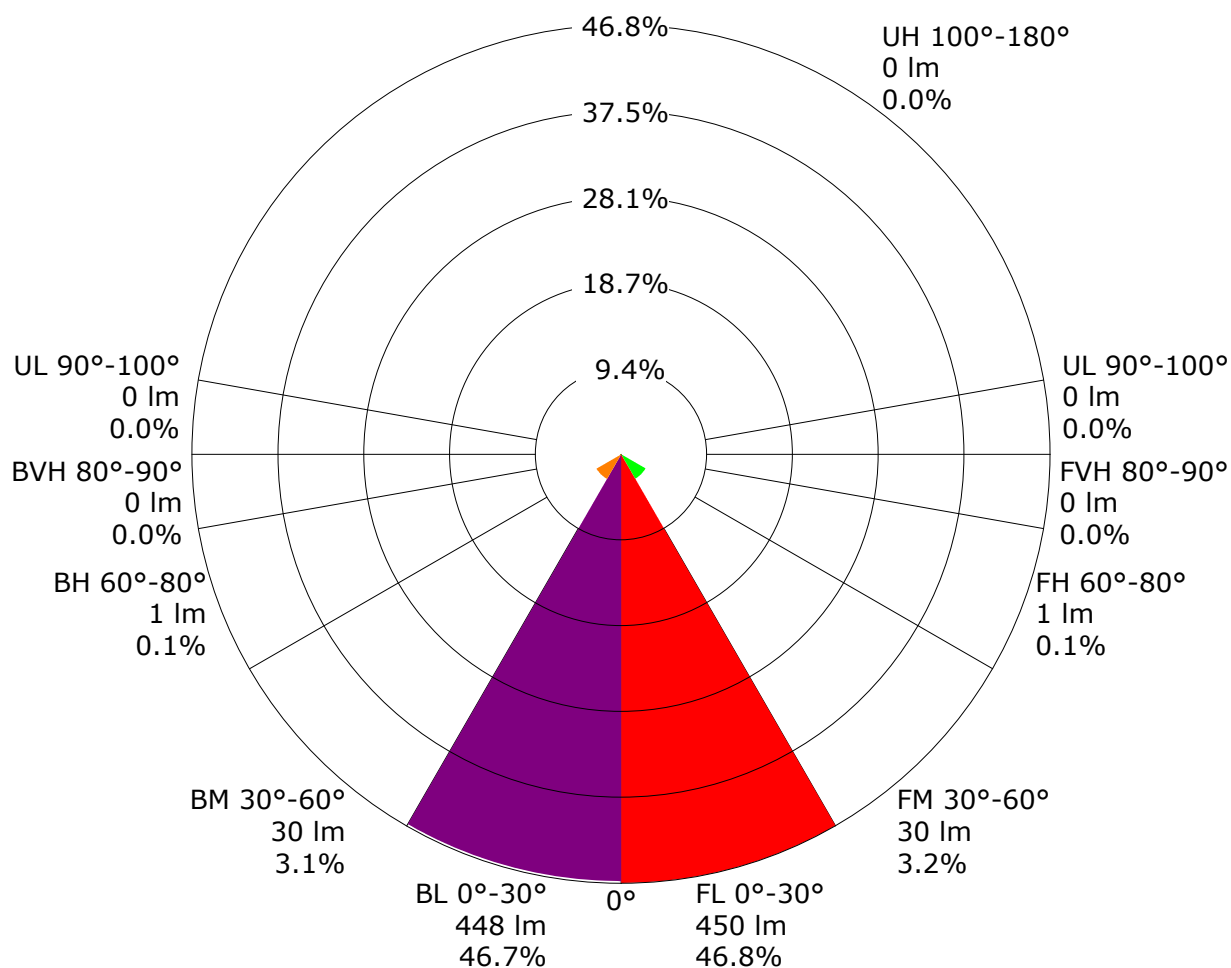
| | ZONE | LUMENS | % LAMP LUMENS |
|--|----------------|--------|---------------|
|  | FORWARD LIGHT | 481 | 50.1 |
| | FL (0°-30°) | 450 | 46.8 |
| | FM (30°-60°) | 30 | 3.2 |
| | FH (60°-80°) | 1 | 0.1 |
| | FVH (80°-90°) | 0 | 0.0 |
| | BACK LIGHT | 479 | 49.9 |
| | BL (0°-30°) | 448 | 46.7 |
| | BM (30°-60°) | 30 | 3.1 |
| | BH (60°-80°) | 1 | 0.1 |
| | BVH (80°-90°) | 0 | 0.0 |
| | UP LIGHT | 0 | 0.0 |
| | UL (90°-100°) | 0 | 0.0 |
| | UH (100°-180°) | 0 | 0.0 |
| | TRAPPED LIGHT | NA | NA |

| BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07 | |
|--|----------|
| Asymmetrical Luminaire Types (Type I,II,III,IV) | B1 U0 G0 |
| Quadrilateral Symmetrical Luminaire Types (Type V,Area Light) | B1 U0 G0 |

C Plane (°):0.0-360.0: 10.0
 Test Lab: Svet-lab
 Test Type: TYPE C
 Temperature:
 Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
 Test Device: LSG-1700B
 Distance: 9.600 m
 Humidity:
 Inspector:

LCS Graph



Back Light

Forward Light

Scale= MAX LCS%

Trapped Light:NA,NA



Zonal Lumen

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 0.0-1.0 | 15564.3 | 14.9 | 14.9 | 1.55 | 1.55 |
| 1.0-2.0 | 15143.5 | 43.5 | 58.4 | 4.53 | 6.08 |
| 2.0-3.0 | 14215.2 | 68.0 | 126.4 | 7.08 | 13.16 |
| 3.0-4.0 | 12774.7 | 85.5 | 211.9 | 8.91 | 22.07 |
| 4.0-5.0 | 10933.5 | 94.1 | 306.0 | 9.80 | 31.87 |
| 5.0-6.0 | 8755.5 | 92.0 | 398.0 | 9.59 | 41.46 |
| 6.0-7.0 | 6629.0 | 82.3 | 480.3 | 8.57 | 50.04 |
| 7.0-8.0 | 4858.1 | 69.5 | 549.8 | 7.24 | 57.28 |
| 8.0-9.0 | 3459.3 | 56.1 | 605.9 | 5.84 | 63.12 |
| 9.0-10.0 | 2469.0 | 44.7 | 650.6 | 4.66 | 67.78 |
| 10.0-11.0 | 1772.0 | 35.4 | 686.0 | 3.69 | 71.47 |
| 11.0-12.0 | 1288.1 | 28.2 | 714.1 | 2.93 | 74.40 |
| 12.0-13.0 | 973.9 | 23.1 | 737.3 | 2.41 | 76.81 |
| 13.0-14.0 | 749.3 | 19.2 | 756.4 | 2.00 | 78.81 |
| 14.0-15.0 | 592.7 | 16.3 | 772.7 | 1.70 | 80.50 |
| 15.0-16.0 | 486.0 | 14.2 | 787.0 | 1.48 | 81.99 |
| 16.0-17.0 | 407.7 | 12.7 | 799.6 | 1.32 | 83.31 |
| 17.0-18.0 | 350.8 | 11.6 | 811.2 | 1.21 | 84.51 |
| 18.0-19.0 | 304.9 | 10.6 | 821.8 | 1.11 | 85.62 |
| 19.0-20.0 | 267.2 | 9.8 | 831.6 | 1.02 | 86.64 |
| 20.0-21.0 | 236.4 | 9.1 | 840.7 | 0.95 | 87.58 |
| 21.0-22.0 | 209.0 | 8.4 | 849.1 | 0.88 | 88.46 |
| 22.0-23.0 | 185.3 | 7.8 | 856.9 | 0.81 | 89.27 |
| 23.0-24.0 | 164.5 | 7.2 | 864.1 | 0.75 | 90.02 |
| 24.0-25.0 | 146.2 | 6.7 | 870.7 | 0.69 | 90.71 |
| 25.0-26.0 | 131.0 | 6.2 | 876.9 | 0.64 | 91.36 |
| 26.0-27.0 | 117.1 | 5.7 | 882.6 | 0.60 | 91.95 |
| 27.0-28.0 | 105.0 | 5.3 | 887.9 | 0.55 | 92.51 |
| 28.0-29.0 | 94.8 | 5.0 | 892.9 | 0.52 | 93.02 |
| 29.0-30.0 | 85.8 | 4.6 | 897.5 | 0.48 | 93.51 |
| 30.0-31.0 | 78.1 | 4.3 | 901.9 | 0.45 | 93.96 |
| 31.0-32.0 | 71.3 | 4.1 | 906.0 | 0.43 | 94.39 |
| 32.0-33.0 | 65.0 | 3.8 | 909.8 | 0.40 | 94.78 |
| 33.0-34.0 | 59.7 | 3.6 | 913.4 | 0.38 | 95.16 |
| 34.0-35.0 | 54.7 | 3.4 | 916.8 | 0.35 | 95.51 |
| 35.0-36.0 | 50.3 | 3.2 | 920.0 | 0.33 | 95.85 |

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:

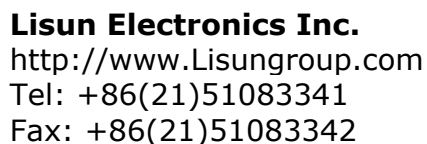


Zonal Lumen (Continue 1)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 36.0-37.0 | 46.4 | 3.0 | 923.0 | 0.32 | 96.16 |
| 37.0-38.0 | 42.7 | 2.9 | 925.9 | 0.30 | 96.46 |
| 38.0-39.0 | 39.4 | 2.7 | 928.6 | 0.28 | 96.74 |
| 39.0-40.0 | 36.4 | 2.5 | 931.1 | 0.26 | 97.01 |
| 40.0-41.0 | 33.7 | 2.4 | 933.5 | 0.25 | 97.26 |
| 41.0-42.0 | 31.2 | 2.3 | 935.8 | 0.24 | 97.49 |
| 42.0-43.0 | 28.8 | 2.1 | 937.9 | 0.22 | 97.71 |
| 43.0-44.0 | 26.5 | 2.0 | 939.9 | 0.21 | 97.92 |
| 44.0-45.0 | 24.5 | 1.9 | 941.8 | 0.20 | 98.12 |
| 45.0-46.0 | 22.5 | 1.8 | 943.6 | 0.18 | 98.30 |
| 46.0-47.0 | 20.6 | 1.6 | 945.2 | 0.17 | 98.47 |
| 47.0-48.0 | 18.8 | 1.5 | 946.7 | 0.16 | 98.63 |
| 48.0-49.0 | 17.2 | 1.4 | 948.1 | 0.15 | 98.78 |
| 49.0-50.0 | 15.7 | 1.3 | 949.4 | 0.14 | 98.91 |
| 50.0-51.0 | 14.3 | 1.2 | 950.6 | 0.13 | 99.04 |
| 51.0-52.0 | 13.0 | 1.1 | 951.8 | 0.12 | 99.16 |
| 52.0-53.0 | 11.8 | 1.0 | 952.8 | 0.11 | 99.26 |
| 53.0-54.0 | 10.7 | 0.9 | 953.7 | 0.10 | 99.36 |
| 54.0-55.0 | 9.7 | 0.9 | 954.6 | 0.09 | 99.45 |
| 55.0-56.0 | 8.9 | 0.8 | 955.4 | 0.08 | 99.54 |
| 56.0-57.0 | 8.2 | 0.7 | 956.2 | 0.08 | 99.61 |
| 57.0-58.0 | 7.4 | 0.7 | 956.8 | 0.07 | 99.68 |
| 58.0-59.0 | 6.6 | 0.6 | 957.5 | 0.06 | 99.75 |
| 59.0-60.0 | 6.0 | 0.6 | 958.0 | 0.06 | 99.81 |
| 60.0-61.0 | 5.3 | 0.5 | 958.5 | 0.05 | 99.86 |
| 61.0-62.0 | 4.4 | 0.4 | 959.0 | 0.04 | 99.91 |
| 62.0-63.0 | 3.4 | 0.3 | 959.3 | 0.03 | 99.94 |
| 63.0-64.0 | 2.3 | 0.2 | 959.5 | 0.02 | 99.96 |
| 64.0-65.0 | 1.4 | 0.1 | 959.7 | 0.01 | 99.98 |
| 65.0-66.0 | 0.9 | 0.1 | 959.7 | 0.01 | 99.99 |
| 66.0-67.0 | 0.5 | 0.1 | 959.8 | 0.01 | 99.99 |
| 67.0-68.0 | 0.3 | 0.0 | 959.8 | 0.00 | 100.00 |
| 68.0-69.0 | 0.2 | 0.0 | 959.8 | 0.00 | 100.00 |
| 69.0-70.0 | 0.1 | 0.0 | 959.9 | 0.00 | 100.00 |
| 70.0-71.0 | 0.0 | 0.0 | 959.9 | 0.00 | 100.00 |
| 71.0-72.0 | 0.0 | 0.0 | 959.9 | 0.00 | 100.00 |

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:



Zonal Lumen (Continue 2)

[illegible]

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:



Candlepower Table

Unit: cd

| G\C | C0.0 | C10.0 | C20.0 | C30.0 | C40.0 | C50.0 | C60.0 | C70.0 | C80.0 | C90.0 |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| G0.0 | 15746.4 | 15693.2 | 15724.3 | 15680.6 | 15697.7 | 15659.5 | 15671.7 | 15652.3 | 15652.3 | 15647.2 |
| G1.0 | 15307.6 | 15250.3 | 15306.6 | 15256.1 | 15321.9 | 15295.0 | 15357.7 | 15360.4 | 15422.8 | 15420.1 |
| G2.0 | 14459.2 | 14328.0 | 14483.5 | 14413.2 | 14541.4 | 14464.4 | 14637.2 | 14620.5 | 14758.3 | 14780.4 |
| G3.0 | 12884.3 | 12786.4 | 12935.4 | 12850.2 | 13056.8 | 13043.9 | 13250.5 | 13262.8 | 13550.2 | 13606.8 |
| G4.0 | 11009.3 | 10814.6 | 11079.5 | 10999.1 | 11260.9 | 11188.0 | 11535.4 | 11476.4 | 11941.8 | 11926.5 |
| G5.0 | 8800.5 | 8605.8 | 8982.2 | 8813.8 | 9088.9 | 9132.2 | 9504.6 | 9448.3 | 9846.2 | 9839.4 |
| G6.0 | 6588.3 | 6422.2 | 6674.2 | 6608.4 | 6860.0 | 6804.1 | 7146.8 | 7085.7 | 7558.7 | 7543.3 |
| G7.0 | 4820.7 | 4691.4 | 4894.6 | 4835.0 | 5039.2 | 5055.2 | 5265.3 | 5281.3 | 5596.4 | 5568.8 |
| G8.0 | 3523.9 | 3319.0 | 3585.3 | 3425.7 | 3685.6 | 3518.8 | 3847.5 | 3728.9 | 4033.7 | 3941.3 |
| G9.0 | 2448.5 | 2404.9 | 2486.7 | 2448.2 | 2560.4 | 2555.6 | 2664.0 | 2653.1 | 2826.0 | 2842.0 |
| G10.0 | 1788.7 | 1726.7 | 1808.8 | 1761.5 | 1873.3 | 1842.3 | 1945.9 | 1929.6 | 2043.8 | 2020.9 |
| G11.0 | 1287.5 | 1246.6 | 1281.7 | 1289.9 | 1330.1 | 1333.2 | 1397.0 | 1366.3 | 1434.1 | 1419.5 |
| G12.0 | 967.3 | 940.7 | 972.8 | 966.7 | 1005.5 | 1010.6 | 1039.3 | 1032.1 | 1079.5 | 1068.9 |
| G13.0 | 758.3 | 732.4 | 759.3 | 747.8 | 781.2 | 776.4 | 803.0 | 791.0 | 823.5 | 818.0 |
| G14.0 | 595.3 | 581.7 | 592.6 | 584.1 | 604.5 | 600.8 | 617.8 | 618.2 | 640.7 | 637.3 |
| G15.0 | 490.0 | 480.8 | 491.3 | 484.2 | 497.8 | 494.8 | 507.4 | 503.6 | 519.6 | 517.3 |
| G16.0 | 410.9 | 403.4 | 407.5 | 405.8 | 411.2 | 408.8 | 417.7 | 418.4 | 430.0 | 427.6 |
| G17.0 | 356.3 | 350.9 | 353.9 | 352.2 | 356.0 | 354.3 | 359.7 | 360.8 | 367.9 | 366.5 |
| G18.0 | 310.6 | 306.5 | 309.3 | 307.2 | 310.3 | 310.3 | 313.4 | 313.7 | 320.9 | 318.1 |
| G19.0 | 271.4 | 267.3 | 270.0 | 267.7 | 270.7 | 269.7 | 273.8 | 273.5 | 280.6 | 276.9 |
| G20.0 | 241.4 | 237.7 | 239.0 | 237.3 | 238.3 | 239.4 | 243.8 | 240.7 | 246.5 | 244.8 |
| G21.0 | 213.8 | 209.7 | 213.8 | 209.0 | 211.7 | 210.4 | 216.2 | 212.4 | 219.9 | 216.2 |
| G22.0 | 188.2 | 187.9 | 188.2 | 185.8 | 186.9 | 187.5 | 190.3 | 188.2 | 193.0 | 192.0 |
| G23.0 | 169.1 | 167.8 | 168.1 | 165.4 | 165.0 | 165.7 | 168.4 | 167.8 | 172.9 | 172.5 |
| G24.0 | 150.4 | 149.4 | 149.4 | 146.6 | 147.0 | 147.3 | 148.7 | 147.3 | 152.1 | 151.7 |
| G25.0 | 134.7 | 134.3 | 133.7 | 132.3 | 131.6 | 130.9 | 132.6 | 132.6 | 136.4 | 136.7 |
| G26.0 | 122.1 | 120.7 | 120.0 | 118.3 | 118.0 | 116.9 | 119.0 | 119.3 | 123.4 | 122.8 |
| G27.0 | 108.8 | 108.1 | 106.7 | 105.7 | 104.3 | 104.3 | 106.0 | 105.7 | 110.5 | 109.1 |
| G28.0 | 98.5 | 97.5 | 96.8 | 95.5 | 95.1 | 93.8 | 96.2 | 96.5 | 100.6 | 98.2 |
| G29.0 | 89.7 | 88.7 | 87.6 | 86.3 | 85.9 | 84.6 | 88.0 | 86.6 | 90.7 | 88.7 |
| G30.0 | 81.5 | 80.1 | 79.8 | 79.4 | 78.1 | 77.1 | 78.8 | 79.8 | 82.5 | 80.5 |
| G31.0 | 74.7 | 74.0 | 74.3 | 72.6 | 70.9 | 70.2 | 72.3 | 73.7 | 75.3 | 74.7 |
| G32.0 | 67.2 | 66.5 | 66.2 | 66.2 | 65.1 | 63.4 | 65.8 | 66.8 | 70.2 | 68.2 |
| G33.0 | 61.7 | 61.4 | 58.3 | 59.7 | 59.3 | 59.0 | 60.7 | 61.7 | 65.8 | 62.7 |
| G34.0 | 56.9 | 55.6 | 53.2 | 54.9 | 53.9 | 54.2 | 55.6 | 56.6 | 61.4 | 58.3 |
| G35.0 | 52.5 | 51.8 | 48.8 | 50.5 | 49.1 | 49.1 | 50.5 | 52.2 | 56.6 | 53.5 |
| G36.0 | 48.1 | 48.1 | 45.7 | 47.0 | 45.7 | 45.7 | 46.7 | 48.8 | 52.5 | 49.8 |

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:



Candlepower Table (Continue 1)

Unit: cd

| G\C | C0.0 | C10.0 | C20.0 | C30.0 | C40.0 | C50.0 | C60.0 | C70.0 | C80.0 | C90.0 |
|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| G37.0 | 44.7 | 44.0 | 40.9 | 43.3 | 42.3 | 41.6 | 43.6 | 44.3 | 48.8 | 46.0 |
| G38.0 | 41.3 | 40.2 | 38.5 | 40.6 | 38.5 | 38.2 | 39.9 | 41.6 | 44.3 | 42.3 |
| G39.0 | 37.5 | 37.2 | 36.1 | 37.2 | 35.5 | 35.1 | 36.8 | 37.8 | 39.5 | 39.2 |
| G40.0 | 35.8 | 34.4 | 33.1 | 32.7 | 32.4 | 32.4 | 33.8 | 35.5 | 35.8 | 36.5 |
| G41.0 | 32.7 | 32.4 | 30.7 | 31.0 | 30.0 | 30.7 | 31.7 | 33.1 | 33.1 | 33.8 |
| G42.0 | 30.4 | 29.3 | 29.3 | 28.0 | 27.6 | 28.3 | 29.7 | 31.0 | 30.4 | 31.0 |
| G43.0 | 28.6 | 27.6 | 26.9 | 25.9 | 25.6 | 26.3 | 27.6 | 28.3 | 28.3 | 28.3 |
| G44.0 | 26.3 | 25.9 | 25.2 | 23.9 | 22.9 | 24.2 | 24.5 | 26.3 | 25.2 | 26.6 |
| G45.0 | 24.2 | 23.9 | 24.9 | 23.5 | 21.1 | 21.8 | 22.9 | 24.2 | 23.5 | 24.5 |
| G46.0 | 22.9 | 23.2 | 22.5 | 21.1 | 19.4 | 21.1 | 20.8 | 22.2 | 20.8 | 22.9 |
| G47.0 | 21.5 | 20.1 | 21.1 | 20.5 | 18.1 | 19.1 | 19.4 | 20.5 | 19.1 | 20.1 |
| G48.0 | 19.4 | 19.1 | 19.1 | 18.4 | 16.4 | 15.3 | 17.0 | 18.1 | 18.1 | 18.4 |
| G49.0 | 17.7 | 17.4 | 17.4 | 16.0 | 15.0 | 14.7 | 15.7 | 16.4 | 16.0 | 16.4 |
| G50.0 | 16.7 | 16.0 | 16.4 | 15.0 | 13.3 | 13.3 | 14.7 | 14.3 | 14.3 | 15.0 |
| G51.0 | 15.3 | 15.3 | 14.7 | 14.0 | 12.3 | 11.6 | 12.6 | 14.0 | 13.6 | 13.3 |
| G52.0 | 13.6 | 13.6 | 14.0 | 12.6 | 10.6 | 10.2 | 12.3 | 13.0 | 12.6 | 11.9 |
| G53.0 | 13.3 | 13.0 | 13.0 | 10.9 | 8.2 | 9.6 | 11.3 | 11.6 | 10.6 | 10.6 |
| G54.0 | 12.3 | 11.9 | 12.3 | 11.6 | 7.2 | 7.8 | 10.2 | 10.6 | 9.6 | 9.6 |
| G55.0 | 10.9 | 11.6 | 11.6 | 9.9 | 5.8 | 7.2 | 9.2 | 9.2 | 8.5 | 8.9 |
| G56.0 | 10.2 | 10.9 | 10.9 | 9.2 | 5.8 | 6.8 | 8.5 | 9.2 | 7.8 | 7.8 |
| G57.0 | 9.9 | 9.9 | 9.6 | 8.9 | 4.8 | 5.8 | 7.8 | 8.5 | 6.8 | 7.8 |
| G58.0 | 8.9 | 8.9 | 10.2 | 8.5 | 3.8 | 5.1 | 7.5 | 7.5 | 6.5 | 6.5 |
| G59.0 | 8.2 | 8.2 | 9.6 | 7.5 | 3.1 | 4.8 | 6.1 | 6.8 | 6.5 | 5.8 |
| G60.0 | 7.5 | 8.2 | 8.5 | 7.2 | 2.4 | 4.1 | 5.8 | 7.2 | 4.8 | 4.8 |
| G61.0 | 7.2 | 7.2 | 7.2 | 5.8 | 1.7 | 3.1 | 5.1 | 5.8 | 4.8 | 4.8 |
| G62.0 | 6.1 | 5.8 | 6.5 | 4.4 | 0.7 | 1.7 | 4.8 | 5.1 | 4.1 | 3.4 |
| G63.0 | 5.1 | 5.1 | 5.1 | 3.4 | 0.0 | 0.3 | 3.4 | 3.1 | 3.1 | 2.4 |
| G64.0 | 3.8 | 3.4 | 3.8 | 2.4 | 0.0 | 0.0 | 0.7 | 2.4 | 2.0 | 2.4 |
| G65.0 | 3.1 | 2.7 | 2.7 | 1.7 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 |
| G66.0 | 2.0 | 1.7 | 1.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 |
| G67.0 | 1.7 | 1.0 | 0.7 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G68.0 | 1.0 | 1.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G69.0 | 0.7 | 0.7 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G70.0 | 0.0 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G71.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G72.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G73.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

C Plane (°):0.0-360.0: 10.0
 Test Lab: Svet-lab
 Test Type: TYPE C
 Temperature:
 Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
 Test Device: LSG-1700B
 Distance: 9.600 m
 Humidity:
 Inspector:



C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:



Candlepower Table (Continue 3)

Unit: cd

| G\C | C100.0 | C110.0 | C120.0 | C130.0 | C140.0 | C150.0 | C160.0 | C170.0 | C180.0 | C190.0 |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| G0.0 | 15642.1 | 15654.0 | 15640.4 | 15663.5 | 15645.1 | 15678.2 | 15655.4 | 15684.0 | 15746.4 | 15693.2 |
| G1.0 | 15489.3 | 15496.8 | 15567.4 | 15582.7 | 15623.7 | 15624.7 | 15661.5 | 15643.1 | 15736.2 | 15726.0 |
| G2.0 | 14932.5 | 14979.9 | 15107.8 | 15119.0 | 15219.6 | 15191.7 | 15278.9 | 15247.6 | 15342.4 | 15371.0 |
| G3.0 | 13836.6 | 13847.5 | 14110.4 | 14071.2 | 14295.2 | 14252.6 | 14397.9 | 14289.4 | 14446.3 | 14462.3 |
| G4.0 | 12237.1 | 12333.3 | 12596.5 | 12606.4 | 12825.3 | 12769.7 | 12975.3 | 12824.6 | 13027.8 | 13123.7 |
| G5.0 | 10283.4 | 10300.4 | 10694.2 | 10602.2 | 10947.6 | 10868.5 | 11097.6 | 10918.6 | 11165.1 | 11214.6 |
| G6.0 | 7972.6 | 7985.9 | 8280.5 | 8183.0 | 8537.3 | 8441.4 | 8672.3 | 8477.9 | 8823.0 | 8907.5 |
| G7.0 | 5932.6 | 5921.6 | 6282.1 | 6195.1 | 6526.5 | 6435.5 | 6650.0 | 6454.9 | 6673.8 | 6841.3 |
| G8.0 | 4283.6 | 4142.5 | 4553.3 | 4414.9 | 4760.0 | 4545.5 | 4863.3 | 4551.3 | 4794.1 | 4994.9 |
| G9.0 | 3014.2 | 3006.0 | 3211.6 | 3156.0 | 3359.6 | 3299.6 | 3431.9 | 3294.1 | 3434.6 | 3462.2 |
| G10.0 | 2147.4 | 2186.0 | 2307.7 | 2302.2 | 2408.6 | 2355.8 | 2446.5 | 2386.5 | 2487.4 | 2498.3 |
| G11.0 | 1519.7 | 1534.4 | 1646.9 | 1651.7 | 1717.8 | 1677.9 | 1730.1 | 1661.2 | 1732.1 | 1765.6 |
| G12.0 | 1136.8 | 1149.1 | 1230.2 | 1222.7 | 1282.7 | 1234.7 | 1264.0 | 1230.9 | 1281.0 | 1285.8 |
| G13.0 | 863.0 | 871.9 | 925.7 | 923.3 | 963.9 | 940.1 | 958.1 | 924.7 | 958.5 | 973.5 |
| G14.0 | 667.6 | 666.9 | 701.7 | 705.8 | 725.6 | 709.9 | 731.0 | 708.2 | 732.4 | 743.0 |
| G15.0 | 538.7 | 540.4 | 566.0 | 562.6 | 581.4 | 571.5 | 582.0 | 566.7 | 590.6 | 593.3 |
| G16.0 | 442.6 | 443.9 | 460.6 | 457.2 | 469.9 | 460.3 | 473.3 | 459.3 | 481.1 | 492.7 |
| G17.0 | 375.8 | 375.8 | 388.4 | 385.6 | 395.2 | 390.8 | 398.6 | 391.4 | 407.5 | 409.9 |
| G18.0 | 327.0 | 326.6 | 336.5 | 332.8 | 342.3 | 335.2 | 345.1 | 341.0 | 351.5 | 356.3 |
| G19.0 | 285.7 | 282.3 | 289.5 | 288.1 | 293.6 | 290.2 | 297.3 | 294.3 | 306.5 | 309.9 |
| G20.0 | 251.3 | 250.6 | 256.4 | 254.7 | 259.5 | 256.8 | 262.9 | 261.5 | 272.4 | 273.5 |
| G21.0 | 223.7 | 219.6 | 226.1 | 223.7 | 228.8 | 223.7 | 231.5 | 228.8 | 243.8 | 245.2 |
| G22.0 | 196.7 | 196.7 | 198.4 | 197.4 | 201.2 | 199.1 | 204.6 | 205.9 | 214.5 | 215.8 |
| G23.0 | 176.3 | 174.6 | 177.6 | 176.6 | 179.4 | 176.6 | 182.4 | 183.1 | 193.0 | 193.3 |
| G24.0 | 156.2 | 154.8 | 155.5 | 154.1 | 157.2 | 155.5 | 161.3 | 162.6 | 170.1 | 173.9 |
| G25.0 | 139.8 | 138.1 | 139.5 | 138.1 | 140.5 | 138.1 | 144.6 | 145.6 | 154.1 | 154.8 |
| G26.0 | 125.8 | 123.8 | 125.8 | 122.8 | 125.8 | 123.4 | 128.9 | 131.3 | 139.5 | 140.1 |
| G27.0 | 111.5 | 110.5 | 111.8 | 109.4 | 112.2 | 110.1 | 114.9 | 116.6 | 124.4 | 125.1 |
| G28.0 | 100.9 | 99.9 | 99.9 | 99.2 | 101.3 | 98.9 | 102.6 | 104.3 | 111.5 | 112.9 |
| G29.0 | 91.0 | 90.4 | 91.4 | 89.3 | 92.4 | 89.3 | 93.4 | 93.1 | 101.3 | 101.9 |
| G30.0 | 82.2 | 81.8 | 82.9 | 81.8 | 83.2 | 81.8 | 83.2 | 83.9 | 90.4 | 91.7 |
| G31.0 | 76.7 | 75.0 | 75.7 | 75.0 | 76.0 | 75.3 | 76.4 | 76.7 | 81.8 | 83.5 |
| G32.0 | 69.9 | 67.5 | 68.5 | 68.5 | 70.2 | 67.5 | 68.5 | 68.9 | 74.0 | 75.7 |
| G33.0 | 65.1 | 62.1 | 62.7 | 63.1 | 64.8 | 62.1 | 62.4 | 62.1 | 67.5 | 69.2 |
| G34.0 | 60.3 | 57.3 | 57.6 | 58.3 | 59.3 | 56.9 | 57.3 | 58.0 | 62.4 | 63.4 |
| G35.0 | 55.6 | 51.8 | 52.2 | 52.5 | 53.5 | 51.5 | 52.2 | 52.2 | 56.9 | 58.3 |
| G36.0 | 51.5 | 47.7 | 48.8 | 48.4 | 49.4 | 47.7 | 48.1 | 48.4 | 53.5 | 53.2 |

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:



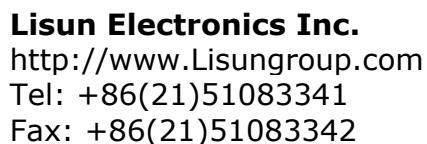
Candlepower Table (Continue 4)

Unit: cd

| G\C | C100.0 | C110.0 | C120.0 | C130.0 | C140.0 | C150.0 | C160.0 | C170.0 | C180.0 | C190.0 |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| G37.0 | 47.7 | 43.6 | 44.7 | 44.7 | 45.7 | 43.6 | 44.0 | 44.3 | 48.4 | 49.8 |
| G38.0 | 43.3 | 39.9 | 41.6 | 41.3 | 41.6 | 40.2 | 39.9 | 40.2 | 45.3 | 46.0 |
| G39.0 | 39.2 | 36.8 | 37.8 | 38.2 | 38.9 | 37.5 | 36.8 | 37.2 | 42.3 | 42.3 |
| G40.0 | 35.5 | 34.1 | 34.8 | 35.1 | 35.8 | 33.8 | 34.1 | 33.8 | 38.9 | 39.9 |
| G41.0 | 32.4 | 31.7 | 33.1 | 33.1 | 33.4 | 31.4 | 32.0 | 31.4 | 36.5 | 37.2 |
| G42.0 | 30.4 | 29.3 | 30.0 | 31.0 | 31.4 | 28.3 | 30.0 | 29.0 | 34.1 | 34.1 |
| G43.0 | 28.0 | 26.6 | 28.3 | 29.0 | 28.3 | 26.3 | 26.6 | 26.6 | 31.7 | 31.7 |
| G44.0 | 25.9 | 24.9 | 25.9 | 26.6 | 25.9 | 24.2 | 25.2 | 24.9 | 29.0 | 29.3 |
| G45.0 | 24.2 | 22.5 | 23.9 | 24.5 | 24.5 | 22.2 | 23.2 | 22.5 | 27.3 | 26.9 |
| G46.0 | 21.8 | 21.5 | 22.5 | 23.2 | 22.5 | 20.1 | 20.5 | 20.8 | 25.9 | 24.9 |
| G47.0 | 20.1 | 19.1 | 20.5 | 20.8 | 20.8 | 19.4 | 19.4 | 19.1 | 23.2 | 23.2 |
| G48.0 | 18.4 | 17.4 | 18.8 | 19.4 | 18.8 | 17.7 | 17.4 | 18.1 | 21.8 | 22.5 |
| G49.0 | 16.7 | 16.0 | 17.0 | 17.7 | 17.4 | 16.4 | 15.7 | 16.0 | 20.1 | 20.8 |
| G50.0 | 15.0 | 14.7 | 16.0 | 16.4 | 16.4 | 15.3 | 14.3 | 14.3 | 18.4 | 19.8 |
| G51.0 | 14.7 | 13.3 | 14.3 | 14.7 | 14.7 | 14.3 | 13.0 | 12.3 | 17.0 | 18.4 |
| G52.0 | 12.6 | 11.9 | 13.6 | 13.0 | 14.0 | 12.3 | 11.9 | 11.9 | 15.7 | 16.4 |
| G53.0 | 12.3 | 10.9 | 12.6 | 10.9 | 12.6 | 11.6 | 10.9 | 10.2 | 14.7 | 14.7 |
| G54.0 | 10.9 | 9.9 | 11.6 | 10.9 | 10.6 | 9.6 | 9.9 | 9.6 | 13.3 | 14.0 |
| G55.0 | 9.6 | 9.6 | 9.9 | 9.6 | 9.9 | 9.2 | 7.8 | 8.5 | 12.6 | 12.6 |
| G56.0 | 9.6 | 8.9 | 8.9 | 8.9 | 8.9 | 7.8 | 8.2 | 7.5 | 11.9 | 11.6 |
| G57.0 | 8.5 | 7.8 | 8.9 | 8.5 | 8.2 | 7.8 | 7.8 | 7.2 | 10.9 | 11.3 |
| G58.0 | 7.5 | 7.2 | 7.5 | 7.2 | 6.5 | 7.2 | 6.1 | 6.5 | 9.9 | 10.2 |
| G59.0 | 6.8 | 7.2 | 7.2 | 6.5 | 6.5 | 6.5 | 5.8 | 5.8 | 9.6 | 9.9 |
| G60.0 | 6.5 | 6.1 | 7.2 | 5.8 | 5.8 | 5.5 | 5.5 | 5.1 | 8.9 | 9.6 |
| G61.0 | 5.8 | 6.1 | 5.8 | 5.5 | 5.1 | 4.8 | 3.8 | 3.8 | 8.2 | 9.2 |
| G62.0 | 5.8 | 4.8 | 5.5 | 4.1 | 3.8 | 3.8 | 3.4 | 3.1 | 6.8 | 8.2 |
| G63.0 | 2.7 | 4.4 | 4.4 | 2.7 | 2.0 | 2.4 | 2.4 | 1.7 | 5.5 | 7.5 |
| G64.0 | 1.7 | 3.1 | 3.1 | 2.0 | 1.0 | 1.4 | 1.0 | 0.3 | 5.1 | 5.8 |
| G65.0 | 1.0 | 1.7 | 2.4 | 0.7 | 1.0 | 0.3 | 0.0 | 0.0 | 3.8 | 4.4 |
| G66.0 | 0.3 | 1.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.7 | 4.1 |
| G67.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 2.4 |
| G68.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 1.7 |
| G69.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 |
| G70.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| G71.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| G72.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G73.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:



C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:



Candlepower Table (Continue 6)

Unit: cd

| G\C | C200.0 | C210.0 | C220.0 | C230.0 | C240.0 | C250.0 | C260.0 | C270.0 | C280.0 | C290.0 |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| G0.0 | 15724.3 | 15680.6 | 15697.7 | 15659.5 | 15671.7 | 15652.3 | 15652.3 | 15647.2 | 15642.1 | 15654.0 |
| G1.0 | 15686.7 | 15680.9 | 15620.6 | 15597.1 | 15537.0 | 15526.5 | 15446.0 | 15458.0 | 15359.1 | 15381.6 |
| G2.0 | 15287.8 | 15252.7 | 15123.5 | 15129.6 | 14974.5 | 14967.6 | 14843.2 | 14828.8 | 14678.8 | 14655.0 |
| G3.0 | 14311.9 | 14316.4 | 14106.3 | 14067.8 | 13881.0 | 13872.1 | 13610.6 | 13580.9 | 13333.0 | 13351.8 |
| G4.0 | 12833.2 | 12843.7 | 12572.3 | 12611.9 | 12292.4 | 12276.7 | 12010.7 | 11964.7 | 11649.0 | 11577.7 |
| G5.0 | 10961.5 | 10984.7 | 10660.5 | 10636.3 | 10342.0 | 10326.7 | 9913.8 | 9968.0 | 9510.4 | 9546.5 |
| G6.0 | 8643.6 | 8607.8 | 8263.1 | 8336.8 | 7916.3 | 7915.0 | 7595.5 | 7562.4 | 7208.1 | 7252.1 |
| G7.0 | 6506.1 | 6572.9 | 6255.8 | 6238.8 | 5947.2 | 5952.0 | 5585.1 | 5645.1 | 5263.9 | 5311.7 |
| G8.0 | 4644.7 | 4755.5 | 4426.1 | 4554.4 | 4195.3 | 4272.4 | 3935.8 | 4046.0 | 3700.6 | 3848.9 |
| G9.0 | 3305.7 | 3320.7 | 3133.2 | 3121.6 | 2973.6 | 2987.6 | 2841.3 | 2833.1 | 2674.6 | 2647.0 |
| G10.0 | 2392.6 | 2397.4 | 2263.0 | 2251.1 | 2151.2 | 2160.1 | 2030.8 | 2017.9 | 1913.2 | 1924.1 |
| G11.0 | 1676.9 | 1680.3 | 1595.1 | 1602.6 | 1514.3 | 1512.9 | 1447.8 | 1436.5 | 1373.1 | 1383.7 |
| G12.0 | 1249.3 | 1256.5 | 1202.6 | 1188.3 | 1139.5 | 1133.7 | 1075.4 | 1079.2 | 1026.3 | 1034.2 |
| G13.0 | 943.8 | 949.6 | 915.2 | 913.8 | 867.8 | 861.3 | 832.3 | 824.8 | 799.9 | 805.0 |
| G14.0 | 724.2 | 730.0 | 706.2 | 699.3 | 672.4 | 670.3 | 643.4 | 645.1 | 621.6 | 626.7 |
| G15.0 | 584.8 | 584.1 | 566.3 | 566.7 | 543.5 | 548.3 | 528.5 | 525.8 | 513.8 | 517.9 |
| G16.0 | 473.6 | 484.9 | 467.5 | 472.9 | 448.4 | 456.6 | 438.5 | 443.3 | 427.9 | 434.1 |
| G17.0 | 404.0 | 405.1 | 394.9 | 394.9 | 384.6 | 386.7 | 378.8 | 374.7 | 369.6 | 368.9 |
| G18.0 | 350.9 | 349.1 | 343.7 | 343.7 | 333.8 | 336.2 | 329.0 | 327.3 | 321.9 | 322.6 |
| G19.0 | 304.5 | 304.1 | 297.7 | 298.7 | 290.5 | 292.5 | 287.8 | 285.0 | 281.0 | 278.9 |
| G20.0 | 269.4 | 269.0 | 263.9 | 263.6 | 257.8 | 259.8 | 254.0 | 251.6 | 247.6 | 246.9 |
| G21.0 | 241.1 | 239.4 | 233.6 | 234.3 | 228.8 | 231.2 | 226.1 | 221.6 | 218.9 | 217.2 |
| G22.0 | 211.4 | 210.0 | 206.3 | 206.6 | 200.5 | 202.5 | 199.5 | 196.1 | 193.0 | 191.3 |
| G23.0 | 188.2 | 187.2 | 183.8 | 183.1 | 178.7 | 180.7 | 176.6 | 173.9 | 171.2 | 169.5 |
| G24.0 | 165.4 | 166.4 | 161.6 | 163.3 | 155.8 | 161.6 | 156.2 | 155.5 | 151.4 | 150.7 |
| G25.0 | 149.0 | 147.6 | 143.9 | 143.9 | 139.8 | 142.5 | 139.1 | 137.4 | 135.4 | 133.3 |
| G26.0 | 134.3 | 132.0 | 128.9 | 128.9 | 125.8 | 128.6 | 125.5 | 123.1 | 121.7 | 119.0 |
| G27.0 | 119.3 | 117.3 | 115.3 | 114.9 | 111.8 | 113.9 | 111.2 | 109.1 | 108.4 | 105.7 |
| G28.0 | 107.8 | 106.0 | 103.3 | 104.0 | 100.3 | 103.3 | 100.3 | 98.5 | 98.2 | 95.1 |
| G29.0 | 97.5 | 96.2 | 93.1 | 93.4 | 90.4 | 93.1 | 91.0 | 88.3 | 88.7 | 86.3 |
| G30.0 | 87.6 | 86.6 | 83.9 | 83.9 | 81.5 | 84.2 | 81.8 | 79.8 | 79.4 | 78.1 |
| G31.0 | 79.8 | 78.4 | 77.1 | 77.4 | 74.3 | 76.7 | 75.0 | 73.0 | 73.7 | 71.6 |
| G32.0 | 73.3 | 72.3 | 69.9 | 70.2 | 66.5 | 69.9 | 68.2 | 66.8 | 66.5 | 65.1 |
| G33.0 | 66.5 | 65.8 | 64.8 | 64.8 | 61.4 | 63.8 | 63.1 | 61.4 | 63.4 | 59.7 |
| G34.0 | 60.3 | 60.7 | 59.3 | 59.3 | 57.6 | 58.7 | 57.6 | 57.6 | 58.3 | 55.2 |
| G35.0 | 55.6 | 55.2 | 54.2 | 53.9 | 52.5 | 53.2 | 53.5 | 53.5 | 53.2 | 50.5 |
| G36.0 | 51.2 | 51.2 | 49.8 | 49.4 | 48.1 | 49.4 | 50.1 | 49.1 | 50.5 | 46.4 |

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:



Candlepower Table (Continue 7)

Unit: cd

| G\C | C200.0 | C210.0 | C220.0 | C230.0 | C240.0 | C250.0 | C260.0 | C270.0 | C280.0 | C290.0 |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| G37.0 | 47.0 | 47.7 | 45.7 | 45.0 | 44.3 | 45.7 | 46.4 | 45.7 | 46.7 | 42.6 |
| G38.0 | 43.0 | 44.0 | 41.9 | 41.9 | 41.3 | 41.9 | 43.0 | 43.0 | 44.3 | 38.5 |
| G39.0 | 40.6 | 40.6 | 38.9 | 38.5 | 38.2 | 39.5 | 40.2 | 39.5 | 41.6 | 35.8 |
| G40.0 | 38.5 | 37.2 | 36.5 | 35.8 | 35.5 | 36.5 | 36.8 | 36.8 | 37.8 | 33.1 |
| G41.0 | 36.5 | 34.1 | 33.8 | 33.4 | 32.4 | 34.1 | 33.8 | 34.1 | 36.1 | 30.4 |
| G42.0 | 33.4 | 32.0 | 31.7 | 30.7 | 30.4 | 31.4 | 31.7 | 31.0 | 32.4 | 28.0 |
| G43.0 | 30.7 | 30.0 | 28.6 | 28.3 | 27.6 | 29.0 | 29.3 | 28.0 | 29.3 | 25.6 |
| G44.0 | 28.3 | 27.6 | 25.6 | 25.9 | 25.6 | 26.6 | 27.3 | 25.9 | 26.6 | 23.2 |
| G45.0 | 26.6 | 26.3 | 24.2 | 23.9 | 24.2 | 24.9 | 24.5 | 23.9 | 23.5 | 21.1 |
| G46.0 | 24.5 | 22.9 | 22.5 | 20.1 | 22.2 | 22.9 | 22.5 | 21.8 | 22.2 | 19.4 |
| G47.0 | 22.5 | 22.2 | 20.8 | 19.4 | 20.5 | 20.8 | 19.4 | 19.1 | 20.5 | 17.7 |
| G48.0 | 20.8 | 20.1 | 18.4 | 17.0 | 18.4 | 19.4 | 16.7 | 17.0 | 17.4 | 16.4 |
| G49.0 | 19.1 | 18.4 | 17.0 | 15.7 | 17.4 | 18.4 | 15.3 | 17.0 | 15.7 | 14.0 |
| G50.0 | 17.4 | 17.0 | 15.7 | 14.0 | 15.7 | 16.0 | 13.6 | 15.3 | 14.0 | 13.3 |
| G51.0 | 16.7 | 16.0 | 13.6 | 12.3 | 14.3 | 14.3 | 12.3 | 13.6 | 12.6 | 11.3 |
| G52.0 | 15.0 | 14.0 | 13.0 | 12.3 | 13.6 | 13.6 | 11.3 | 13.0 | 11.3 | 9.6 |
| G53.0 | 14.0 | 13.6 | 12.3 | 11.6 | 11.9 | 12.3 | 10.2 | 11.3 | 10.6 | 8.9 |
| G54.0 | 13.3 | 12.3 | 10.6 | 10.6 | 11.6 | 11.3 | 8.9 | 10.6 | 9.6 | 7.8 |
| G55.0 | 12.3 | 10.9 | 9.6 | 9.9 | 10.6 | 9.6 | 8.2 | 9.9 | 8.5 | 6.8 |
| G56.0 | 11.6 | 10.2 | 8.9 | 8.5 | 9.6 | 9.2 | 7.2 | 8.5 | 7.2 | 6.1 |
| G57.0 | 10.2 | 9.6 | 8.2 | 7.5 | 8.5 | 8.5 | 6.1 | 7.5 | 6.8 | 5.5 |
| G58.0 | 10.2 | 7.8 | 6.8 | 6.1 | 7.2 | 7.8 | 5.5 | 6.8 | 6.1 | 5.1 |
| G59.0 | 9.6 | 7.5 | 6.5 | 5.5 | 5.5 | 6.5 | 4.1 | 5.8 | 5.8 | 3.8 |
| G60.0 | 8.9 | 7.2 | 6.1 | 4.8 | 4.1 | 6.1 | 4.1 | 5.8 | 4.4 | 3.4 |
| G61.0 | 8.2 | 6.1 | 5.1 | 4.4 | 3.4 | 5.5 | 3.1 | 4.1 | 4.1 | 2.4 |
| G62.0 | 7.8 | 5.5 | 4.4 | 3.4 | 2.7 | 4.8 | 1.4 | 2.4 | 2.7 | 1.7 |
| G63.0 | 7.5 | 4.4 | 3.8 | 2.7 | 1.7 | 3.1 | 0.7 | 1.4 | 2.0 | 1.0 |
| G64.0 | 6.5 | 3.1 | 2.4 | 0.3 | 0.3 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G65.0 | 4.8 | 2.4 | 1.4 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| G66.0 | 4.1 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G67.0 | 3.4 | 1.7 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G68.0 | 2.4 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G69.0 | 2.4 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G70.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G71.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G72.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G73.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:



C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:



Candlepower Table (Continue 9)

Unit: cd

| G\C | C300.0 | C310.0 | C320.0 | C330.0 | C340.0 | C350.0 | C360.0 | | | |
|-------|---------|---------|---------|---------|---------|---------|---------|--|--|--|
| G0.0 | 15640.4 | 15663.5 | 15645.1 | 15678.2 | 15655.4 | 15684.0 | 15746.4 | | | |
| G1.0 | 15283.4 | 15339.3 | 15243.5 | 15293.6 | 15256.4 | 15296.7 | 15307.6 | | | |
| G2.0 | 14514.8 | 14548.6 | 14418.0 | 14498.5 | 14380.5 | 14499.5 | 14459.2 | | | |
| G3.0 | 13051.7 | 13152.6 | 12959.0 | 12988.3 | 12808.9 | 12985.9 | 12884.3 | | | |
| G4.0 | 11286.8 | 11319.6 | 11069.3 | 11184.5 | 10958.1 | 11159.3 | 11009.3 | | | |
| G5.0 | 9124.4 | 9273.1 | 8889.5 | 9017.0 | 8764.3 | 8980.8 | 8800.5 | | | |
| G6.0 | 6857.3 | 6909.5 | 6645.5 | 6770.3 | 6535.7 | 6748.2 | 6588.3 | | | |
| G7.0 | 5054.6 | 5106.4 | 4882.4 | 4922.3 | 4815.9 | 4928.1 | 4820.7 | | | |
| G8.0 | 3477.9 | 3623.2 | 3356.5 | 3558.7 | 3335.0 | 3591.1 | 3523.9 | | | |
| G9.0 | 2509.9 | 2530.7 | 2426.0 | 2458.4 | 2420.2 | 2488.1 | 2448.5 | | | |
| G10.0 | 1810.2 | 1822.2 | 1753.6 | 1799.0 | 1770.7 | 1811.9 | 1788.7 | | | |
| G11.0 | 1315.8 | 1323.3 | 1280.7 | 1306.6 | 1267.4 | 1303.9 | 1287.5 | | | |
| G12.0 | 990.5 | 1011.3 | 972.1 | 987.5 | 969.7 | 978.6 | 967.3 | | | |
| G13.0 | 775.7 | 783.5 | 765.1 | 773.7 | 751.2 | 766.8 | 758.3 | | | |
| G14.0 | 606.3 | 618.2 | 598.8 | 603.9 | 595.3 | 599.8 | 595.3 | | | |
| G15.0 | 502.9 | 506.7 | 495.8 | 499.5 | 488.6 | 497.8 | 490.0 | | | |
| G16.0 | 419.4 | 429.3 | 414.3 | 422.5 | 408.5 | 418.0 | 410.9 | | | |
| G17.0 | 362.5 | 365.2 | 357.7 | 356.7 | 353.6 | 356.0 | 356.3 | | | |
| G18.0 | 314.7 | 316.8 | 310.6 | 312.0 | 307.9 | 312.3 | 310.6 | | | |
| G19.0 | 273.8 | 275.2 | 270.4 | 270.0 | 268.7 | 270.0 | 271.4 | | | |
| G20.0 | 241.1 | 242.1 | 239.0 | 238.3 | 237.0 | 238.7 | 241.4 | | | |
| G21.0 | 214.5 | 213.1 | 210.4 | 212.8 | 210.7 | 212.8 | 213.8 | | | |
| G22.0 | 186.9 | 188.2 | 185.5 | 187.2 | 185.8 | 187.9 | 188.2 | | | |
| G23.0 | 166.1 | 167.8 | 165.0 | 165.4 | 164.7 | 167.8 | 169.1 | | | |
| G24.0 | 146.3 | 148.0 | 145.3 | 148.7 | 145.6 | 149.7 | 150.4 | | | |
| G25.0 | 131.3 | 130.9 | 129.6 | 130.6 | 130.9 | 133.0 | 134.7 | | | |
| G26.0 | 118.0 | 118.0 | 116.3 | 117.3 | 117.6 | 120.0 | 122.1 | | | |
| G27.0 | 105.0 | 104.0 | 103.0 | 105.4 | 104.3 | 106.4 | 108.8 | | | |
| G28.0 | 95.5 | 94.4 | 93.4 | 94.4 | 94.8 | 96.2 | 98.5 | | | |
| G29.0 | 85.9 | 85.2 | 84.2 | 86.3 | 86.3 | 87.3 | 89.7 | | | |
| G30.0 | 78.4 | 77.1 | 76.7 | 77.1 | 78.8 | 78.8 | 81.5 | | | |
| G31.0 | 71.9 | 71.6 | 70.2 | 70.9 | 71.6 | 71.3 | 74.7 | | | |
| G32.0 | 65.5 | 64.8 | 65.1 | 63.8 | 64.8 | 64.1 | 67.2 | | | |
| G33.0 | 58.7 | 59.0 | 58.7 | 59.3 | 59.3 | 58.3 | 61.7 | | | |
| G34.0 | 53.9 | 53.9 | 52.5 | 53.2 | 54.6 | 53.2 | 56.9 | | | |
| G35.0 | 49.4 | 49.1 | 48.4 | 49.1 | 50.1 | 48.4 | 52.5 | | | |
| G36.0 | 45.0 | 45.0 | 44.3 | 44.7 | 46.0 | 44.7 | 48.1 | | | |

C Plane (°):0.0-360.0: 10.0
 Test Lab: Svet-lab
 Test Type: TYPE C
 Temperature:
 Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
 Test Device: LSG-1700B
 Distance: 9.600 m
 Humidity:
 Inspector:



Candlepower Table (Continue 10)

Unit: cd

| G\C | C300.0 | C310.0 | C320.0 | C330.0 | C340.0 | C350.0 | C360.0 | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G37.0 | 41.6 | 41.9 | 40.6 | 41.3 | 43.0 | 40.9 | 44.7 | | | |
| G38.0 | 37.8 | 38.5 | 37.5 | 37.8 | 39.2 | 36.5 | 41.3 | | | |
| G39.0 | 35.1 | 35.1 | 34.1 | 35.1 | 36.5 | 33.8 | 37.5 | | | |
| G40.0 | 32.4 | 32.7 | 31.7 | 32.0 | 33.1 | 31.0 | 35.8 | | | |
| G41.0 | 30.0 | 30.7 | 29.0 | 29.7 | 30.4 | 28.6 | 32.7 | | | |
| G42.0 | 28.0 | 28.0 | 26.9 | 28.0 | 28.0 | 26.3 | 30.4 | | | |
| G43.0 | 25.2 | 25.9 | 25.2 | 25.6 | 25.2 | 24.2 | 28.6 | | | |
| G44.0 | 24.2 | 22.9 | 23.2 | 23.9 | 22.9 | 21.8 | 26.3 | | | |
| G45.0 | 21.8 | 21.5 | 20.5 | 21.8 | 20.8 | 20.5 | 24.2 | | | |
| G46.0 | 19.8 | 19.8 | 18.4 | 18.4 | 18.4 | 19.1 | 22.9 | | | |
| G47.0 | 17.7 | 18.4 | 16.7 | 16.7 | 16.4 | 16.7 | 21.5 | | | |
| G48.0 | 16.4 | 16.4 | 16.0 | 14.7 | 15.0 | 15.7 | 19.4 | | | |
| G49.0 | 14.3 | 14.7 | 15.0 | 13.6 | 13.6 | 14.3 | 17.7 | | | |
| G50.0 | 13.0 | 13.3 | 13.3 | 11.9 | 13.0 | 12.6 | 16.7 | | | |
| G51.0 | 11.3 | 11.9 | 11.9 | 10.6 | 10.9 | 11.6 | 15.3 | | | |
| G52.0 | 10.6 | 10.9 | 10.9 | 9.2 | 9.9 | 10.6 | 13.6 | | | |
| G53.0 | 9.9 | 9.2 | 9.6 | 8.2 | 9.2 | 9.2 | 13.3 | | | |
| G54.0 | 7.8 | 8.5 | 8.9 | 6.5 | 7.8 | 7.5 | 12.3 | | | |
| G55.0 | 7.5 | 7.5 | 7.8 | 6.5 | 7.8 | 7.5 | 10.9 | | | |
| G56.0 | 7.5 | 6.5 | 6.5 | 6.1 | 7.2 | 6.5 | 10.2 | | | |
| G57.0 | 6.8 | 6.1 | 5.8 | 5.5 | 6.1 | 6.1 | 9.9 | | | |
| G58.0 | 5.1 | 5.8 | 5.8 | 5.1 | 5.5 | 5.5 | 8.9 | | | |
| G59.0 | 4.8 | 4.4 | 5.1 | 4.1 | 4.8 | 4.8 | 8.2 | | | |
| G60.0 | 4.1 | 3.1 | 4.8 | 3.4 | 4.4 | 3.8 | 7.5 | | | |
| G61.0 | 3.1 | 3.4 | 3.8 | 2.7 | 3.4 | 3.4 | 7.2 | | | |
| G62.0 | 2.0 | 2.0 | 2.7 | 1.7 | 3.4 | 2.7 | 6.1 | | | |
| G63.0 | 1.4 | 0.7 | 1.7 | 0.3 | 2.4 | 1.7 | 5.1 | | | |
| G64.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.7 | 0.7 | 3.8 | | | |
| G65.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.7 | 0.0 | 3.1 | | | |
| G66.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | | | |
| G67.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.7 | | | |
| G68.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | | | |
| G69.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | | | |
| G70.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G71.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G72.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G73.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |

C Plane (°):0.0-360.0: 10.0
 Test Lab: Svet-lab
 Test Type: TYPE C
 Temperature:
 Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
 Test Device: LSG-1700B
 Distance: 9.600 m
 Humidity:
 Inspector:



C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector: