



Report No.:

Test Time: 2021-08-18 17:06

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: RAD-S-CIS-30.5000.24.60

Luminous Length (mm): -165

Luminous Width (mm): -165

Luminous Height (mm): 75

Voltage: 24.0 V

Current: 1.362 A

Power: 32.70 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 2305 lm

Downward Ratio: 100%

Total Rated Lamp Lumens: 2305.0 lm

Efficiency: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 94.4, 96.0, 95.7, 95.6

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 54.5, 54.2, 54.6, 54.5

Luminaire Efficacy Rating (LER): 70.54

Central Intensity: 2515.84 cd

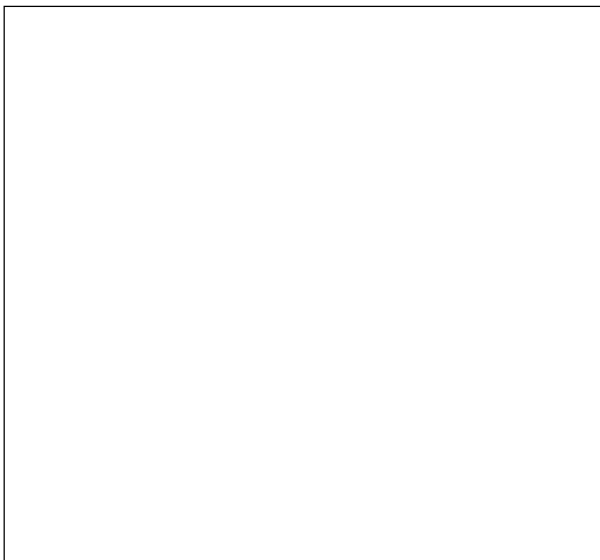
Max. Intensity: 2515.85 cd

Pos of Max. Intensity: H0 V0

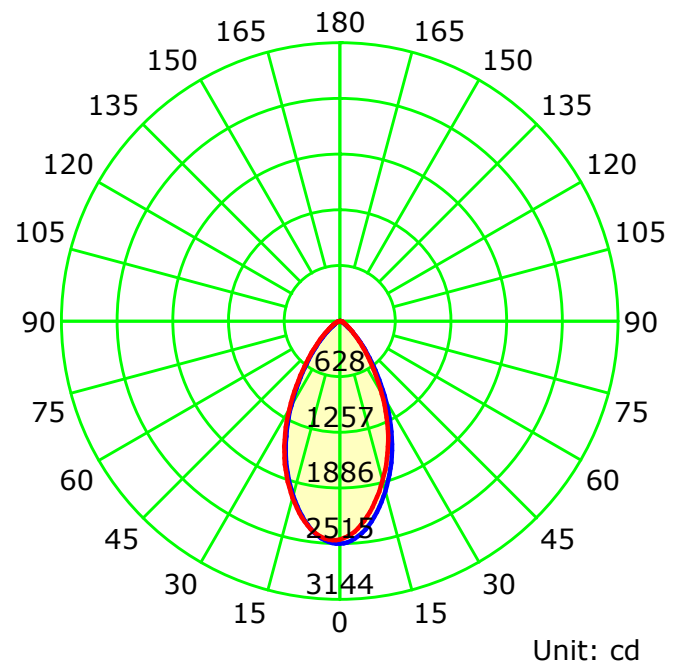
S/MH(C0/C180): 0.82

S/MH(C90/C270): 0.82

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

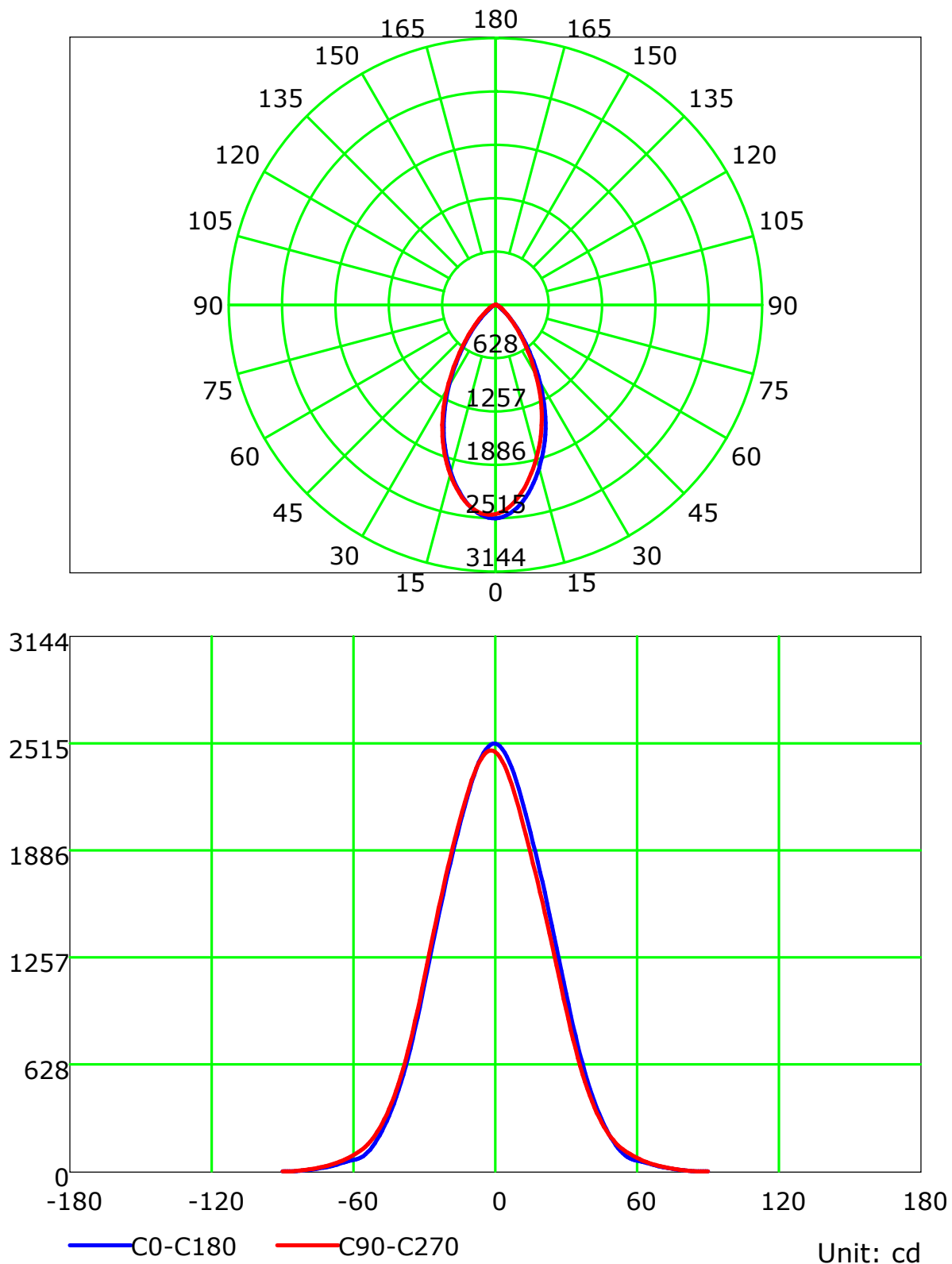
Distance: 9.600 m

Humidity:

Inspector:



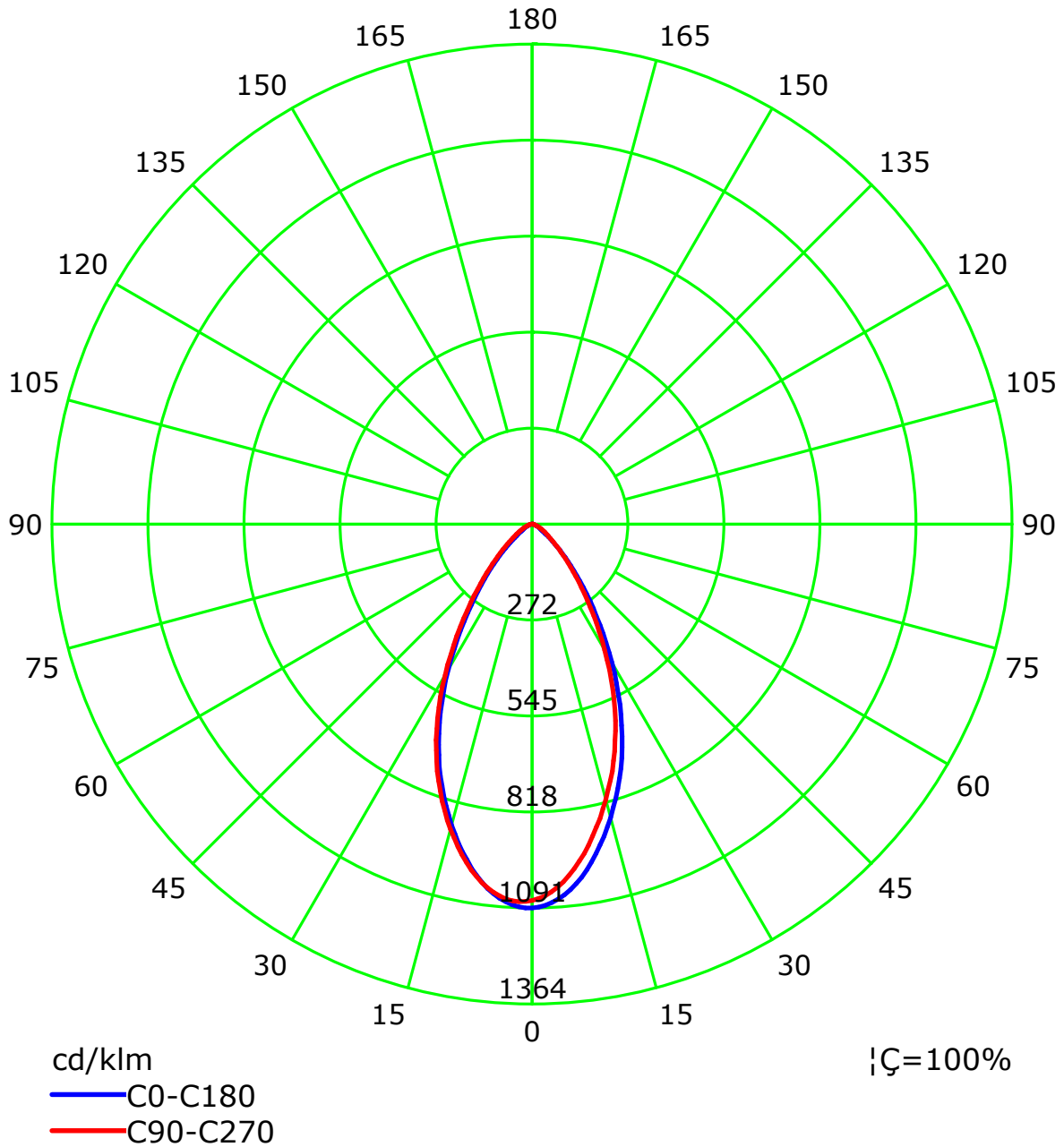
Luminous Intensity Distribution Curve



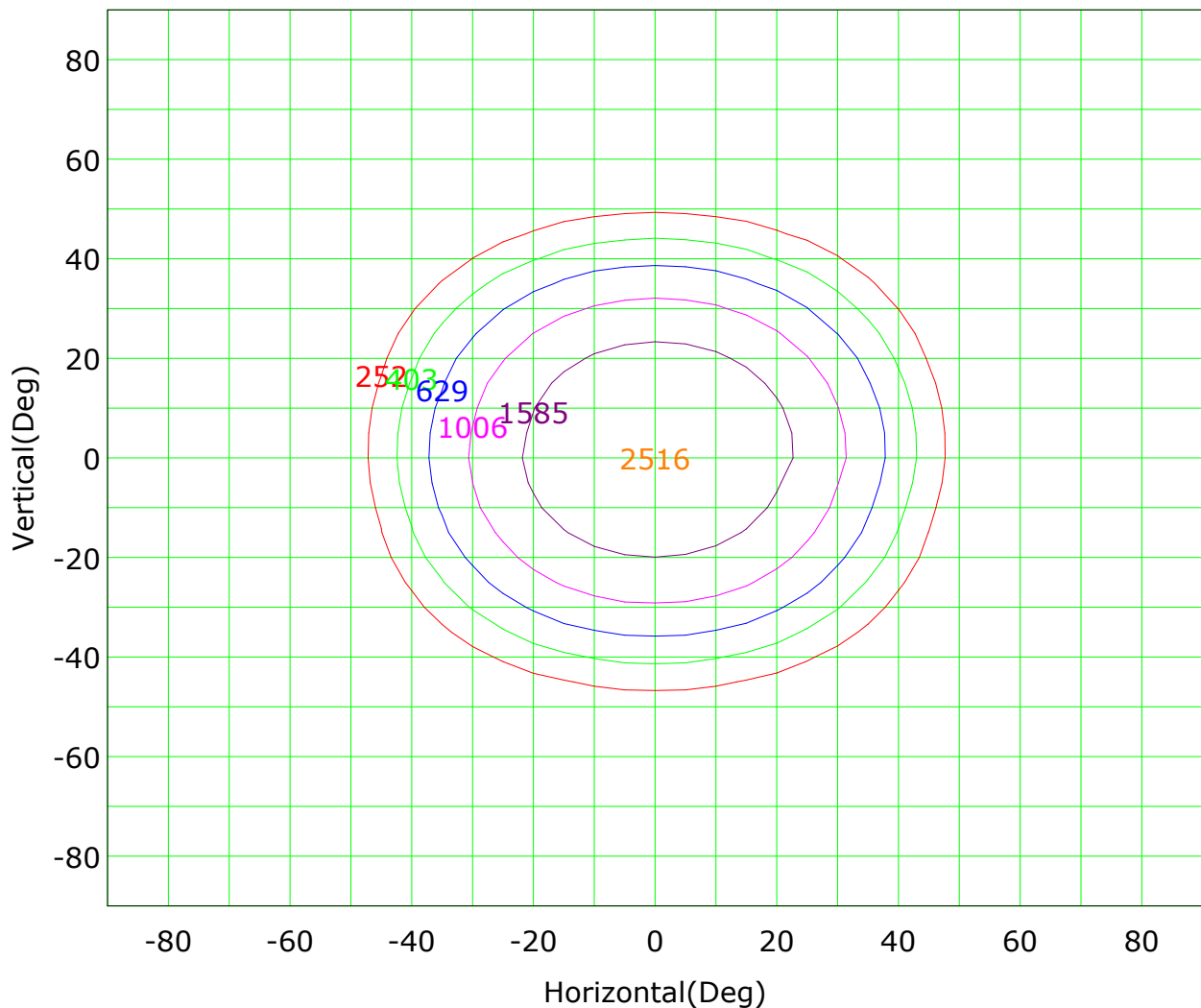
C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

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

Luminous Intensity Distribution Curve(cd/klm)



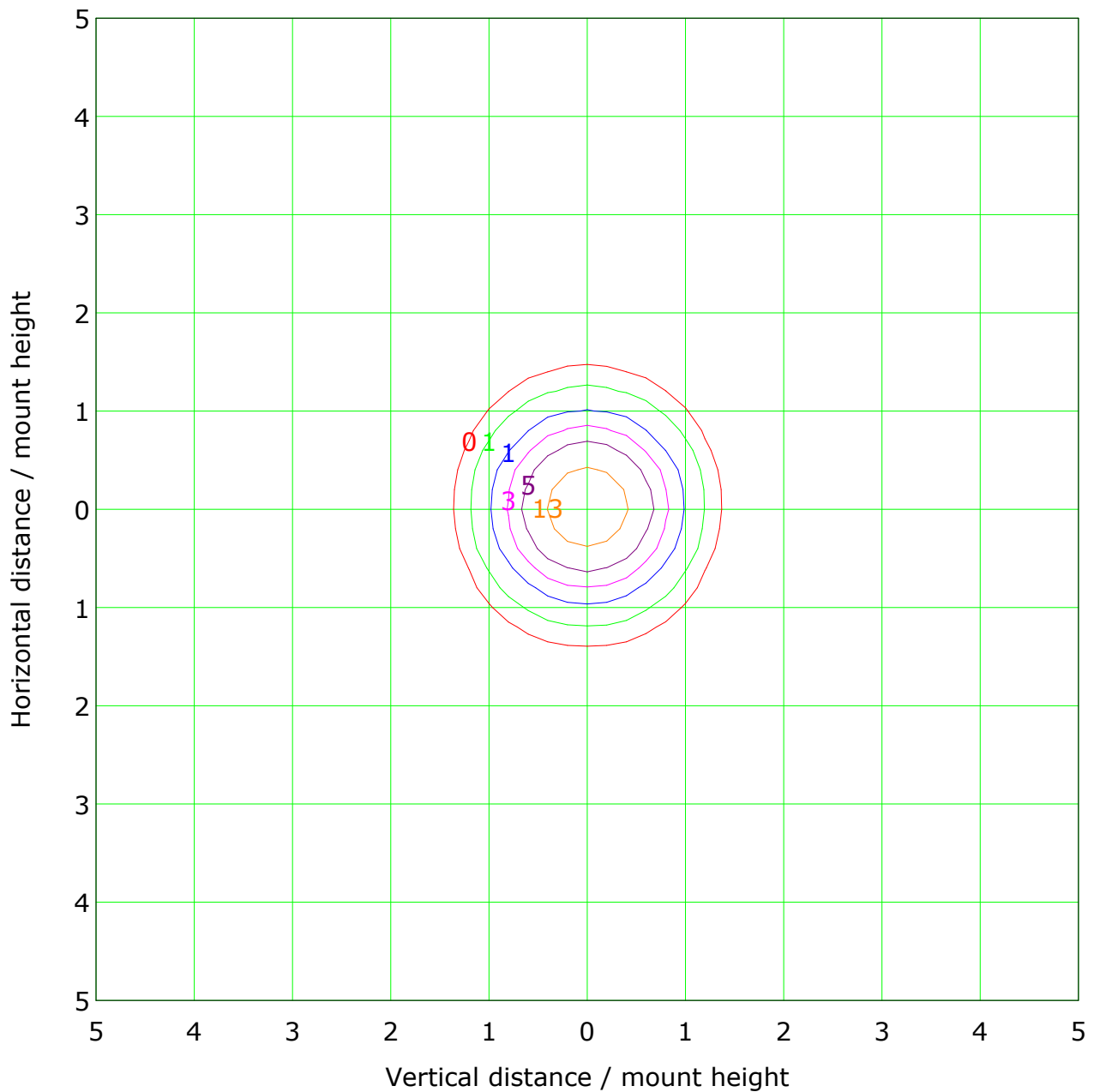
Isocandela (rectangle)



Imax (100%): 2516 cd

| | |
|-----------------|-----------------|
| (10%): 252 cd | (16%): 403 cd |
| (25%): 629 cd | (40%): 1006 cd |
| (63%): 1585 cd | (100%): 2516 cd |

IsoLux Plot



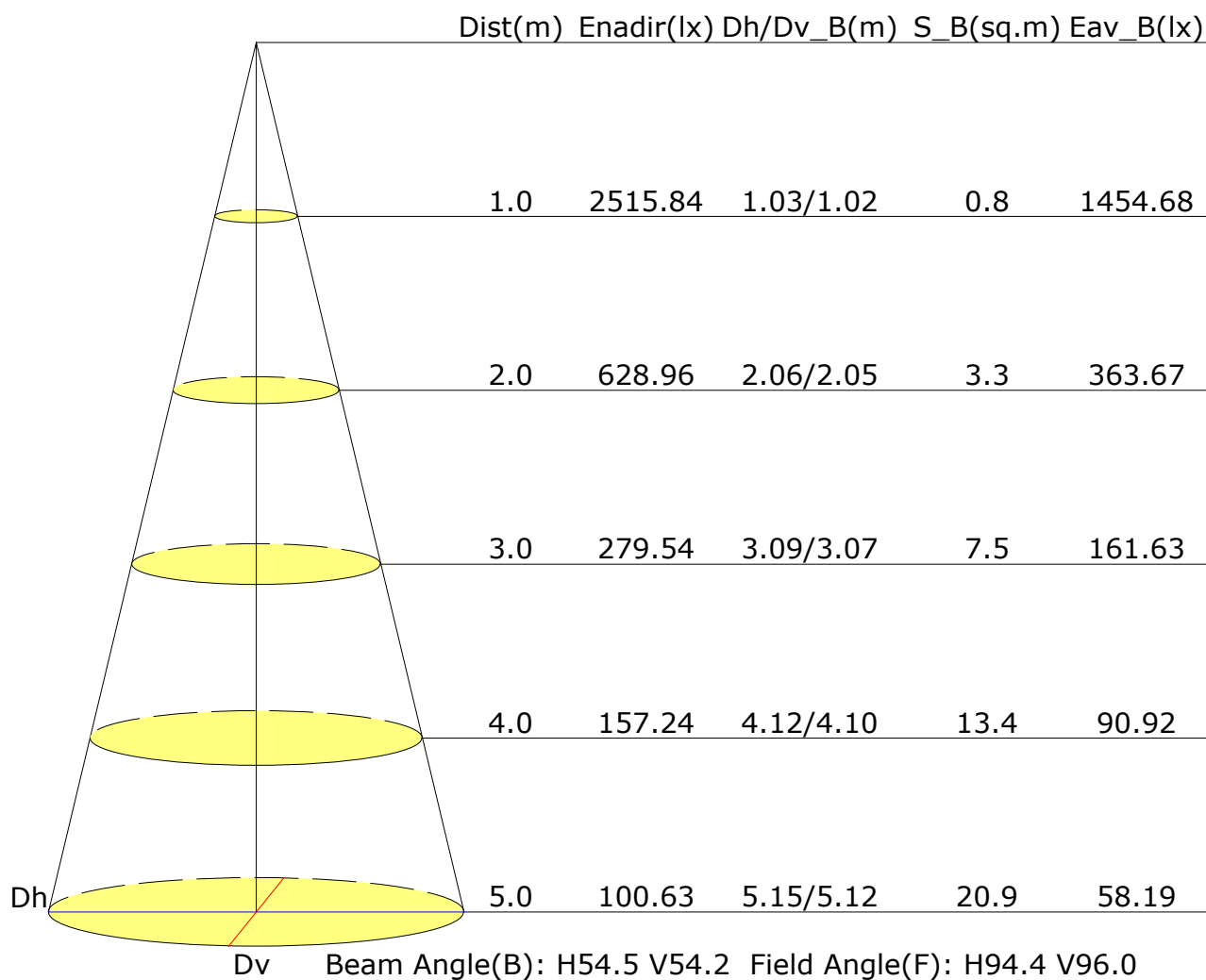
Mounting Height: 10.0m Max Lux(100%): 25.2 lx

| | |
|-----------------|-----------------|
| (1%): 0.3 lx | (2%): 0.5 lx |
| (5%): 1.3 lx | (10%): 2.5 lx |
| (20%): 5.0 lx | (50%): 12.6 lx |
| (100%): 25.2 lx | |

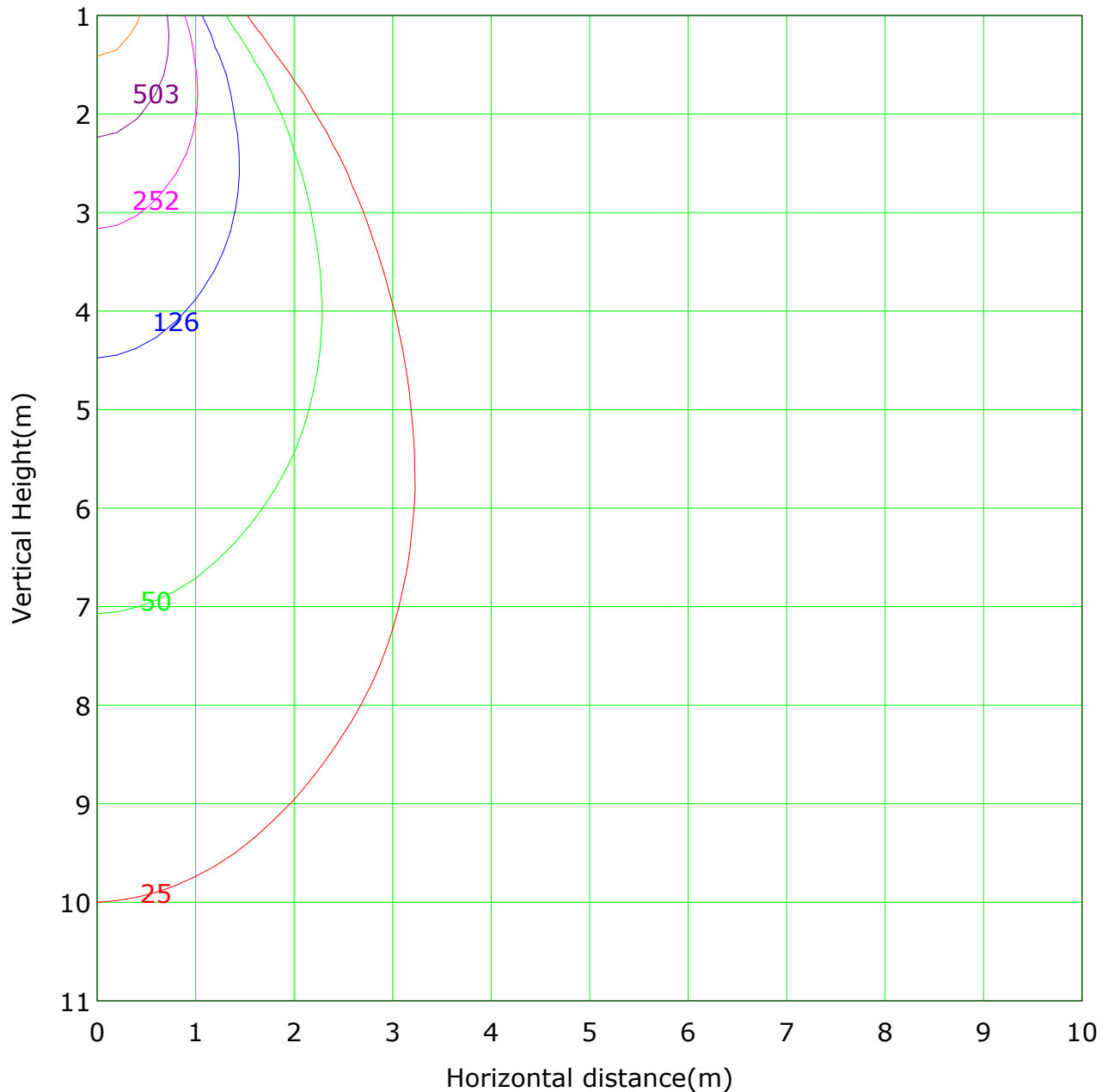
C Plane (°):0.0-360.0: 10.0
 Test Lab: Svet-lab
 Test Type: TYPE C
 Temperature:
 Operator: Svet-lab

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

Illuminance at a Distance



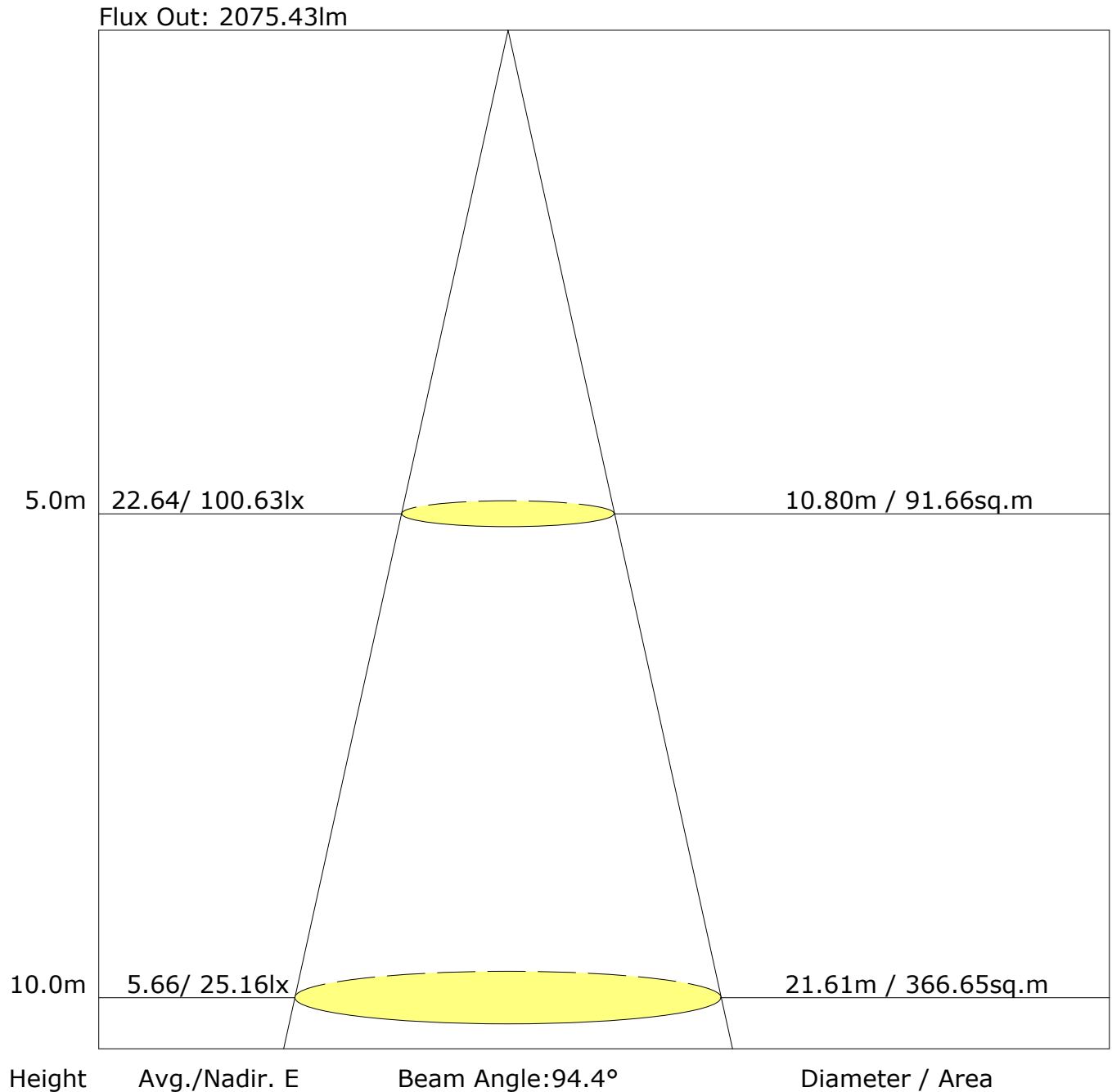
Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 2515.8 lx
 (1%): 25.2 lx (2%): 50.3 lx
 (5%): 125.8 lx (10%): 251.6 lx
 (20%): 503.2 lx (50%): 1257.9 lx
 (100%): 2515.8 lx



The Average Illuminance Effective Figure





UGR Table

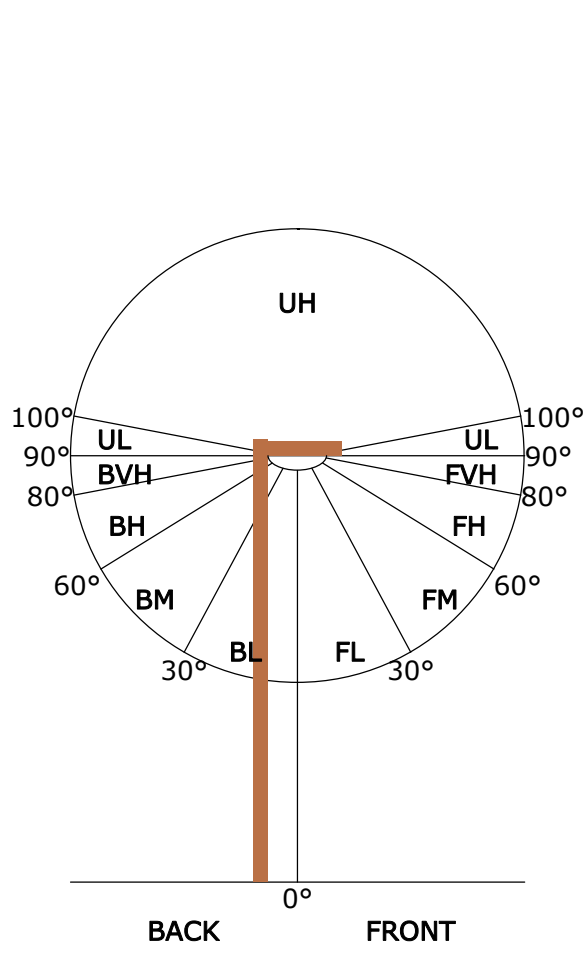
| | | | | | | | | | | |
|--|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Reflectance: | | | | | | | | | | |
| Ceiling (cavity) | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 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.\$/4.4 | | | | | -1.\$/4.7 | | | | |
| S=1.5H | -1.\$/7.2 | | | | | -1.\$/7.0 | | | | |
| S=2.0H | -1.\$/9.3 | | | | | -1.\$/8.8 | | | | |

Calculate in accordance with CIE Pub.117. The table is revised with 2305lm ($8\log(F/F_0) = 2.9$).

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:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

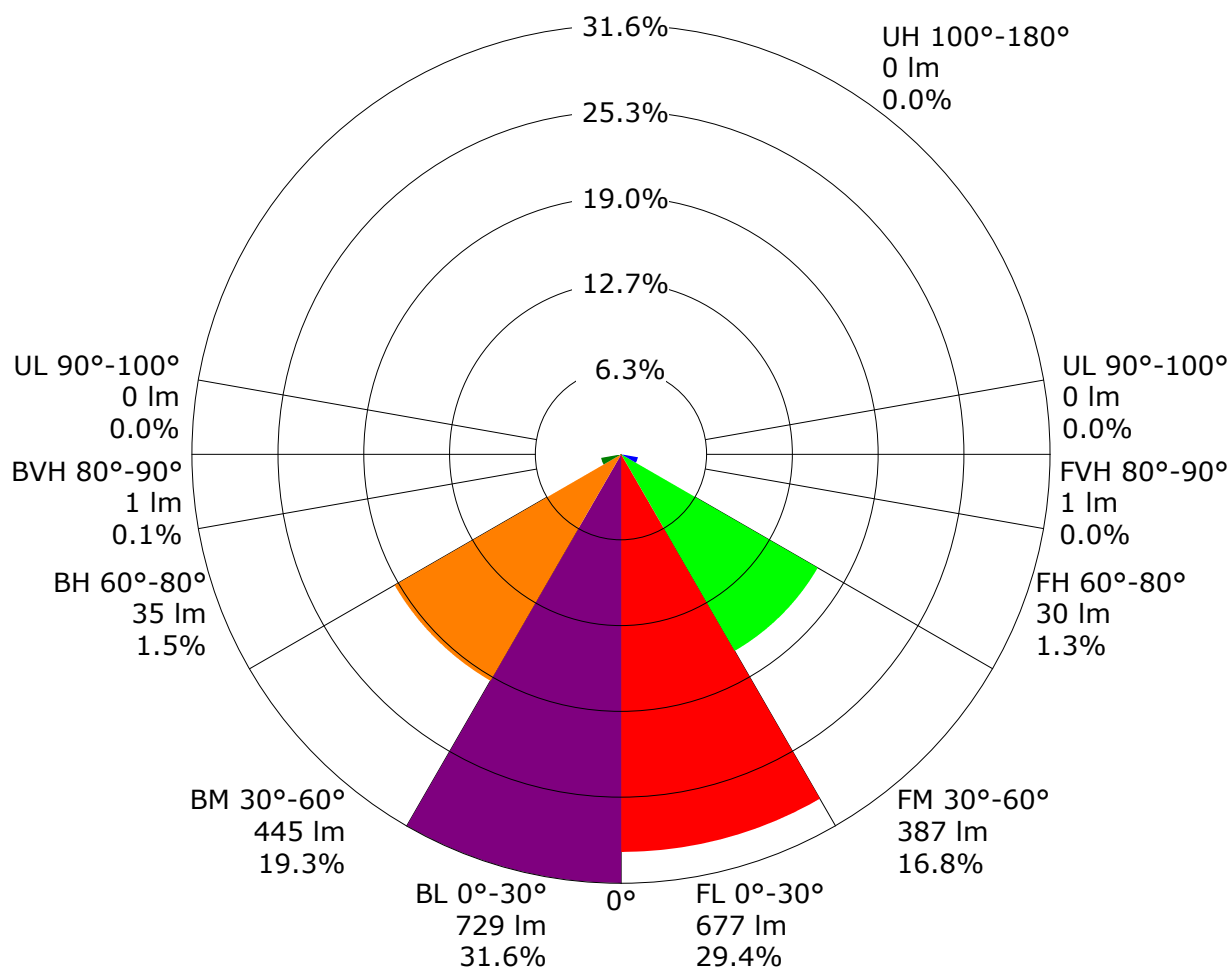
| | ZONE | LUMENS | % LAMP LUMENS |
|--|----------------|--------|---------------|
|  | FORWARD LIGHT | 1094 | 47.5 |
| | FL (0°-30°) | 677 | 29.4 |
| | FM (30°-60°) | 387 | 16.8 |
| | FH (60°-80°) | 30 | 1.3 |
| | FVH (80°-90°) | 1 | 0.0 |
| | BACK LIGHT | 1211 | 52.5 |
| | BL (0°-30°) | 729 | 31.6 |
| | BM (30°-60°) | 445 | 19.3 |
| | BH (60°-80°) | 35 | 1.5 |
| | BVH (80°-90°) | 1 | 0.1 |
| | 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) | B2 U0 G0 |
| Quadrilateral Symmetrical Luminaire Types (Type V,Area Light) | B2 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 | 2470.9 | 2.4 | 2.4 | 0.10 | 0.10 |
| 1.0-2.0 | 2465.7 | 7.1 | 9.4 | 0.31 | 0.41 |
| 2.0-3.0 | 2454.8 | 11.7 | 21.2 | 0.51 | 0.92 |
| 3.0-4.0 | 2438.7 | 16.3 | 37.5 | 0.71 | 1.63 |
| 4.0-5.0 | 2418.2 | 20.8 | 58.3 | 0.90 | 2.53 |
| 5.0-6.0 | 2392.2 | 25.1 | 83.5 | 1.09 | 3.62 |
| 6.0-7.0 | 2362.1 | 29.3 | 112.8 | 1.27 | 4.89 |
| 7.0-8.0 | 2328.1 | 33.3 | 146.1 | 1.45 | 6.34 |
| 8.0-9.0 | 2289.4 | 37.1 | 183.2 | 1.61 | 7.95 |
| 9.0-10.0 | 2247.9 | 40.7 | 223.9 | 1.77 | 9.71 |
| 10.0-11.0 | 2202.5 | 44.0 | 267.9 | 1.91 | 11.62 |
| 11.0-12.0 | 2155.1 | 47.1 | 315.0 | 2.04 | 13.67 |
| 12.0-13.0 | 2107.5 | 50.0 | 365.1 | 2.17 | 15.84 |
| 13.0-14.0 | 2056.3 | 52.6 | 417.7 | 2.28 | 18.12 |
| 14.0-15.0 | 2003.8 | 55.0 | 472.7 | 2.39 | 20.51 |
| 15.0-16.0 | 1950.8 | 57.2 | 529.9 | 2.48 | 22.99 |
| 16.0-17.0 | 1896.2 | 59.1 | 588.9 | 2.56 | 25.55 |
| 17.0-18.0 | 1842.2 | 60.7 | 649.7 | 2.64 | 28.19 |
| 18.0-19.0 | 1785.0 | 62.1 | 711.8 | 2.69 | 30.88 |
| 19.0-20.0 | 1726.6 | 63.2 | 775.0 | 2.74 | 33.62 |
| 20.0-21.0 | 1668.7 | 64.1 | 839.1 | 2.78 | 36.40 |
| 21.0-22.0 | 1607.5 | 64.6 | 903.7 | 2.80 | 39.21 |
| 22.0-23.0 | 1545.8 | 64.9 | 968.6 | 2.81 | 42.02 |
| 23.0-24.0 | 1482.7 | 64.8 | 1033.4 | 2.81 | 44.83 |
| 24.0-25.0 | 1417.7 | 64.5 | 1097.9 | 2.80 | 47.63 |
| 25.0-26.0 | 1353.8 | 63.9 | 1161.8 | 2.77 | 50.40 |
| 26.0-27.0 | 1287.2 | 63.0 | 1224.8 | 2.73 | 53.14 |
| 27.0-28.0 | 1220.1 | 61.8 | 1286.5 | 2.68 | 55.82 |
| 28.0-29.0 | 1154.9 | 60.4 | 1347.0 | 2.62 | 58.44 |
| 29.0-30.0 | 1087.3 | 58.7 | 1405.7 | 2.55 | 60.99 |
| 30.0-31.0 | 1021.7 | 56.9 | 1462.6 | 2.47 | 63.45 |
| 31.0-32.0 | 957.0 | 54.8 | 1517.4 | 2.38 | 65.83 |
| 32.0-33.0 | 893.8 | 52.7 | 1570.1 | 2.28 | 68.12 |
| 33.0-34.0 | 835.2 | 50.5 | 1620.6 | 2.19 | 70.31 |
| 34.0-35.0 | 776.0 | 48.2 | 1668.8 | 2.09 | 72.40 |
| 35.0-36.0 | 719.1 | 45.8 | 1714.6 | 1.99 | 74.39 |

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 | 666.3 | 43.5 | 1758.1 | 1.89 | 76.27 |
| 37.0-38.0 | 615.1 | 41.1 | 1799.1 | 1.78 | 78.05 |
| 38.0-39.0 | 568.0 | 38.8 | 1837.9 | 1.68 | 79.74 |
| 39.0-40.0 | 523.0 | 36.5 | 1874.4 | 1.58 | 81.32 |
| 40.0-41.0 | 480.4 | 34.2 | 1908.6 | 1.48 | 82.80 |
| 41.0-42.0 | 442.3 | 32.1 | 1940.7 | 1.39 | 84.20 |
| 42.0-43.0 | 404.8 | 30.0 | 1970.7 | 1.30 | 85.50 |
| 43.0-44.0 | 369.8 | 27.9 | 1998.6 | 1.21 | 86.71 |
| 44.0-45.0 | 338.0 | 26.0 | 2024.6 | 1.13 | 87.84 |
| 45.0-46.0 | 307.7 | 24.1 | 2048.7 | 1.04 | 88.88 |
| 46.0-47.0 | 280.0 | 22.3 | 2071.0 | 0.97 | 89.85 |
| 47.0-48.0 | 253.9 | 20.5 | 2091.5 | 0.89 | 90.74 |
| 48.0-49.0 | 229.6 | 18.9 | 2110.3 | 0.82 | 91.56 |
| 49.0-50.0 | 208.1 | 17.4 | 2127.7 | 0.75 | 92.31 |
| 50.0-51.0 | 187.6 | 15.9 | 2143.6 | 0.69 | 93.00 |
| 51.0-52.0 | 169.0 | 14.5 | 2158.1 | 0.63 | 93.63 |
| 52.0-53.0 | 152.5 | 13.3 | 2171.3 | 0.58 | 94.20 |
| 53.0-54.0 | 137.4 | 12.1 | 2183.5 | 0.53 | 94.73 |
| 54.0-55.0 | 124.2 | 11.1 | 2194.5 | 0.48 | 95.21 |
| 55.0-56.0 | 112.2 | 10.1 | 2204.7 | 0.44 | 95.65 |
| 56.0-57.0 | 101.5 | 9.3 | 2214.0 | 0.40 | 96.05 |
| 57.0-58.0 | 92.6 | 8.6 | 2222.5 | 0.37 | 96.42 |
| 58.0-59.0 | 84.4 | 7.9 | 2230.4 | 0.34 | 96.77 |
| 59.0-60.0 | 77.1 | 7.3 | 2237.7 | 0.32 | 97.08 |
| 60.0-61.0 | 70.7 | 6.7 | 2244.5 | 0.29 | 97.38 |
| 61.0-62.0 | 64.9 | 6.3 | 2250.7 | 0.27 | 97.65 |
| 62.0-63.0 | 59.7 | 5.8 | 2256.5 | 0.25 | 97.90 |
| 63.0-64.0 | 54.7 | 5.4 | 2261.9 | 0.23 | 98.13 |
| 64.0-65.0 | 49.9 | 4.9 | 2266.8 | 0.21 | 98.35 |
| 65.0-66.0 | 45.6 | 4.5 | 2271.4 | 0.20 | 98.54 |
| 66.0-67.0 | 41.3 | 4.2 | 2275.5 | 0.18 | 98.72 |
| 67.0-68.0 | 37.3 | 3.8 | 2279.3 | 0.16 | 98.89 |
| 68.0-69.0 | 33.6 | 3.4 | 2282.7 | 0.15 | 99.04 |
| 69.0-70.0 | 30.1 | 3.1 | 2285.8 | 0.13 | 99.17 |
| 70.0-71.0 | 27.0 | 2.8 | 2288.6 | 0.12 | 99.29 |
| 71.0-72.0 | 24.1 | 2.5 | 2291.1 | 0.11 | 99.40 |

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 | 2515.8 | 2509.5 | 2503.8 | 2497.0 | 2492.4 | 2485.7 | 2481.9 | 2475.1 | 2472.2 | 2465.8 |
| G1.0 | 2510.3 | 2502.3 | 2495.6 | 2487.8 | 2482.4 | 2474.9 | 2470.4 | 2463.1 | 2460.1 | 2454.0 |
| G2.0 | 2500.4 | 2490.0 | 2482.9 | 2473.4 | 2467.2 | 2458.6 | 2453.7 | 2446.6 | 2443.2 | 2436.6 |
| G3.0 | 2483.1 | 2472.4 | 2462.9 | 2452.6 | 2445.8 | 2435.6 | 2430.4 | 2422.8 | 2419.5 | 2412.7 |
| G4.0 | 2463.4 | 2449.8 | 2440.1 | 2428.2 | 2421.1 | 2409.6 | 2405.5 | 2395.8 | 2392.1 | 2384.8 |
| G5.0 | 2437.8 | 2423.8 | 2413.6 | 2400.2 | 2391.3 | 2379.3 | 2374.3 | 2364.6 | 2361.9 | 2352.3 |
| G6.0 | 2407.1 | 2390.3 | 2378.8 | 2363.7 | 2354.6 | 2342.8 | 2338.0 | 2326.6 | 2322.7 | 2315.1 |
| G7.0 | 2373.4 | 2355.5 | 2345.2 | 2328.4 | 2318.9 | 2303.9 | 2299.1 | 2286.8 | 2285.1 | 2275.1 |
| G8.0 | 2337.1 | 2313.5 | 2305.9 | 2283.0 | 2276.5 | 2258.6 | 2255.6 | 2241.0 | 2241.5 | 2229.0 |
| G9.0 | 2293.4 | 2271.9 | 2259.6 | 2240.2 | 2229.7 | 2214.3 | 2207.8 | 2196.0 | 2192.9 | 2184.5 |
| G10.0 | 2248.1 | 2225.6 | 2213.5 | 2193.4 | 2182.7 | 2166.3 | 2158.9 | 2146.4 | 2143.4 | 2135.5 |
| G11.0 | 2198.3 | 2174.8 | 2162.7 | 2142.5 | 2131.2 | 2113.9 | 2106.1 | 2092.8 | 2089.6 | 2082.3 |
| G12.0 | 2148.5 | 2124.5 | 2112.3 | 2092.1 | 2082.7 | 2062.5 | 2056.5 | 2041.2 | 2039.9 | 2030.3 |
| G13.0 | 2099.7 | 2076.0 | 2062.7 | 2042.9 | 2030.7 | 2010.7 | 2005.9 | 1991.5 | 1987.0 | 1980.4 |
| G14.0 | 2042.7 | 2019.4 | 2005.6 | 1985.0 | 1975.8 | 1955.2 | 1947.4 | 1933.2 | 1928.3 | 1921.5 |
| G15.0 | 1991.1 | 1967.8 | 1954.5 | 1934.1 | 1922.0 | 1903.6 | 1893.7 | 1881.4 | 1876.1 | 1869.7 |
| G16.0 | 1931.4 | 1907.8 | 1894.9 | 1874.3 | 1865.2 | 1844.3 | 1837.5 | 1821.1 | 1818.9 | 1809.4 |
| G17.0 | 1877.9 | 1853.8 | 1842.2 | 1820.7 | 1809.3 | 1791.3 | 1784.9 | 1767.9 | 1763.2 | 1755.8 |
| G18.0 | 1820.7 | 1799.5 | 1788.4 | 1766.5 | 1755.4 | 1734.7 | 1728.9 | 1711.2 | 1709.6 | 1701.9 |
| G19.0 | 1759.6 | 1735.8 | 1725.2 | 1703.5 | 1692.2 | 1674.5 | 1668.4 | 1651.5 | 1647.4 | 1639.1 |
| G20.0 | 1702.8 | 1679.1 | 1667.8 | 1647.4 | 1636.2 | 1616.3 | 1609.6 | 1595.8 | 1591.8 | 1583.4 |
| G21.0 | 1641.6 | 1613.1 | 1607.2 | 1582.7 | 1576.9 | 1554.0 | 1552.6 | 1530.9 | 1532.8 | 1518.8 |
| G22.0 | 1575.8 | 1553.7 | 1542.9 | 1523.7 | 1513.7 | 1496.3 | 1486.4 | 1473.1 | 1469.8 | 1461.2 |
| G23.0 | 1511.8 | 1490.6 | 1480.7 | 1461.4 | 1454.5 | 1434.7 | 1427.5 | 1411.4 | 1411.6 | 1400.6 |
| G24.0 | 1444.1 | 1423.4 | 1414.7 | 1395.1 | 1385.8 | 1369.2 | 1362.5 | 1345.5 | 1344.0 | 1335.6 |
| G25.0 | 1378.8 | 1357.7 | 1349.4 | 1329.7 | 1324.7 | 1304.7 | 1299.2 | 1282.3 | 1284.0 | 1272.3 |
| G26.0 | 1316.1 | 1294.3 | 1286.4 | 1266.9 | 1262.6 | 1242.7 | 1237.7 | 1221.3 | 1222.4 | 1211.5 |
| G27.0 | 1243.7 | 1224.7 | 1216.6 | 1197.8 | 1191.2 | 1171.8 | 1167.3 | 1151.2 | 1152.3 | 1144.3 |
| G28.0 | 1179.6 | 1158.5 | 1150.4 | 1131.9 | 1128.4 | 1109.7 | 1106.1 | 1089.9 | 1088.3 | 1080.5 |
| G29.0 | 1116.0 | 1089.4 | 1087.6 | 1063.2 | 1063.2 | 1042.4 | 1042.7 | 1023.9 | 1028.2 | 1014.3 |
| G30.0 | 1044.9 | 1024.5 | 1016.3 | 998.4 | 995.5 | 979.1 | 976.9 | 961.5 | 963.2 | 952.3 |
| G31.0 | 983.5 | 963.5 | 956.0 | 938.5 | 935.7 | 919.9 | 917.8 | 903.6 | 904.6 | 894.5 |
| G32.0 | 917.2 | 895.1 | 891.0 | 871.8 | 869.2 | 854.6 | 851.9 | 839.1 | 839.8 | 830.5 |
| G33.0 | 855.7 | 837.3 | 830.5 | 814.8 | 812.8 | 798.8 | 796.3 | 783.7 | 782.3 | 776.3 |
| G34.0 | 798.3 | 780.6 | 774.3 | 759.6 | 755.9 | 742.2 | 740.3 | 727.9 | 729.4 | 723.7 |
| G35.0 | 735.8 | 718.4 | 713.0 | 699.5 | 698.9 | 685.2 | 684.5 | 671.8 | 674.0 | 666.3 |
| G36.0 | 684.0 | 666.7 | 662.4 | 649.8 | 647.4 | 636.2 | 635.7 | 623.5 | 623.8 | 619.0 |

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:



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 | 634.4 | 613.5 | 612.1 | 598.5 | 601.4 | 584.3 | 587.0 | 574.3 | 578.8 | 568.5 |
| G38.0 | 580.3 | 565.6 | 562.8 | 552.7 | 551.4 | 541.5 | 539.8 | 530.0 | 530.4 | 527.0 |
| G39.0 | 535.8 | 522.6 | 520.1 | 508.8 | 509.2 | 500.8 | 497.5 | 488.5 | 491.3 | 487.8 |
| G40.0 | 488.0 | 476.3 | 476.0 | 466.4 | 466.8 | 457.0 | 456.3 | 447.7 | 450.1 | 445.8 |
| G41.0 | 448.9 | 438.1 | 436.7 | 430.1 | 429.0 | 421.9 | 420.5 | 413.0 | 413.7 | 411.5 |
| G42.0 | 412.0 | 400.7 | 401.7 | 394.3 | 394.9 | 386.9 | 385.8 | 378.8 | 381.4 | 377.7 |
| G43.0 | 374.0 | 363.4 | 365.6 | 359.0 | 360.2 | 352.6 | 352.1 | 345.5 | 348.5 | 344.6 |
| G44.0 | 339.9 | 331.7 | 332.9 | 328.8 | 329.5 | 323.6 | 323.6 | 317.1 | 319.2 | 317.0 |
| G45.0 | 309.2 | 298.8 | 303.9 | 296.8 | 302.3 | 294.5 | 295.4 | 288.6 | 293.1 | 288.4 |
| G46.0 | 276.5 | 269.6 | 273.9 | 270.9 | 274.1 | 268.9 | 268.4 | 263.5 | 266.9 | 263.5 |
| G47.0 | 249.4 | 243.6 | 247.3 | 246.5 | 249.1 | 246.0 | 245.9 | 241.5 | 243.6 | 241.6 |
| G48.0 | 222.0 | 216.8 | 220.7 | 221.9 | 225.1 | 221.9 | 222.4 | 219.3 | 221.3 | 218.6 |
| G49.0 | 197.5 | 193.0 | 197.1 | 199.8 | 205.1 | 203.1 | 203.6 | 200.4 | 202.1 | 200.7 |
| G50.0 | 176.3 | 172.0 | 176.3 | 180.4 | 186.3 | 185.7 | 186.4 | 183.1 | 185.3 | 184.1 |
| G51.0 | 155.0 | 151.1 | 155.5 | 159.8 | 168.2 | 167.7 | 168.9 | 166.6 | 168.6 | 167.2 |
| G52.0 | 136.9 | 133.2 | 137.4 | 143.3 | 153.1 | 153.5 | 155.2 | 153.2 | 154.5 | 153.8 |
| G53.0 | 121.4 | 116.8 | 121.9 | 126.7 | 138.4 | 139.6 | 142.5 | 140.4 | 142.4 | 140.8 |
| G54.0 | 106.7 | 103.8 | 107.0 | 112.1 | 124.4 | 128.0 | 130.6 | 130.0 | 130.8 | 130.3 |
| G55.0 | 94.6 | 92.0 | 94.6 | 99.7 | 112.6 | 117.2 | 120.7 | 120.0 | 121.2 | 120.5 |
| G56.0 | 84.0 | 81.5 | 83.3 | 87.8 | 100.1 | 106.9 | 110.7 | 110.4 | 111.3 | 111.0 |
| G57.0 | 76.4 | 73.8 | 74.3 | 77.9 | 90.1 | 97.7 | 101.9 | 102.1 | 103.4 | 103.2 |
| G58.0 | 70.5 | 67.4 | 66.8 | 69.5 | 80.7 | 89.6 | 94.2 | 94.6 | 96.0 | 95.4 |
| G59.0 | 66.2 | 62.5 | 59.8 | 61.2 | 71.5 | 80.6 | 86.4 | 87.0 | 88.0 | 87.6 |
| G60.0 | 63.3 | 59.3 | 55.2 | 55.0 | 63.8 | 73.3 | 79.3 | 80.1 | 81.4 | 80.5 |
| G61.0 | 60.6 | 56.3 | 51.1 | 49.1 | 56.4 | 65.8 | 72.1 | 72.9 | 74.3 | 73.5 |
| G62.0 | 57.7 | 53.8 | 48.2 | 44.8 | 50.5 | 59.6 | 66.0 | 67.0 | 68.0 | 67.0 |
| G63.0 | 54.8 | 51.1 | 45.6 | 41.1 | 45.4 | 53.5 | 60.2 | 61.1 | 62.3 | 61.0 |
| G64.0 | 50.7 | 47.4 | 42.5 | 38.1 | 40.7 | 47.8 | 54.2 | 55.2 | 56.3 | 55.4 |
| G65.0 | 47.0 | 44.2 | 39.8 | 35.6 | 36.6 | 42.9 | 48.9 | 50.1 | 51.2 | 50.6 |
| G66.0 | 42.9 | 40.0 | 36.7 | 32.8 | 33.5 | 38.0 | 44.2 | 45.0 | 46.6 | 45.6 |
| G67.0 | 38.4 | 36.3 | 33.2 | 30.1 | 30.5 | 34.3 | 39.6 | 40.8 | 41.9 | 41.6 |
| G68.0 | 34.6 | 32.8 | 30.2 | 27.3 | 28.1 | 30.8 | 35.6 | 36.9 | 38.1 | 37.8 |
| G69.0 | 30.8 | 29.5 | 27.0 | 24.4 | 25.4 | 27.2 | 31.6 | 32.9 | 34.2 | 34.0 |
| G70.0 | 27.8 | 26.7 | 24.6 | 21.9 | 22.5 | 24.2 | 28.1 | 29.5 | 30.9 | 30.8 |
| G71.0 | 25.3 | 24.2 | 22.2 | 19.6 | 19.8 | 21.5 | 25.0 | 26.5 | 27.7 | 27.6 |
| G72.0 | 22.9 | 21.9 | 20.1 | 17.6 | 17.0 | 18.7 | 21.9 | 23.4 | 24.6 | 24.6 |
| G73.0 | 20.9 | 19.9 | 18.3 | 15.8 | 14.9 | 16.1 | 19.3 | 20.6 | 21.7 | 21.7 |

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 | 2463.1 | 2458.1 | 2455.4 | 2450.6 | 2448.7 | 2444.8 | 2442.5 | 2439.8 | 2515.8 | 2509.5 |
| G1.0 | 2451.4 | 2446.8 | 2444.9 | 2441.1 | 2440.3 | 2438.2 | 2437.1 | 2435.8 | 2514.7 | 2510.5 |
| G2.0 | 2434.8 | 2430.2 | 2429.5 | 2426.8 | 2427.8 | 2426.8 | 2428.3 | 2428.1 | 2509.3 | 2506.8 |
| G3.0 | 2411.1 | 2406.9 | 2407.3 | 2404.9 | 2408.0 | 2408.2 | 2412.4 | 2413.6 | 2497.3 | 2496.5 |
| G4.0 | 2384.8 | 2379.5 | 2381.4 | 2382.1 | 2386.4 | 2387.8 | 2393.1 | 2396.4 | 2480.5 | 2482.1 |
| G5.0 | 2353.3 | 2350.1 | 2353.2 | 2353.4 | 2359.9 | 2362.7 | 2370.8 | 2374.3 | 2461.1 | 2462.5 |
| G6.0 | 2316.9 | 2312.1 | 2318.3 | 2319.3 | 2327.1 | 2331.0 | 2340.5 | 2344.7 | 2433.8 | 2438.0 |
| G7.0 | 2277.6 | 2275.3 | 2281.2 | 2282.0 | 2291.8 | 2296.4 | 2309.0 | 2314.3 | 2405.5 | 2410.3 |
| G8.0 | 2235.1 | 2229.2 | 2239.8 | 2238.4 | 2253.9 | 2255.4 | 2271.6 | 2274.6 | 2369.5 | 2379.5 |
| G9.0 | 2187.2 | 2185.1 | 2192.9 | 2194.1 | 2206.7 | 2214.1 | 2228.9 | 2238.2 | 2330.1 | 2338.4 |
| G10.0 | 2141.5 | 2136.8 | 2145.7 | 2149.9 | 2163.3 | 2169.5 | 2185.7 | 2196.0 | 2290.1 | 2298.5 |
| G11.0 | 2086.2 | 2084.3 | 2093.8 | 2099.6 | 2113.9 | 2121.6 | 2138.7 | 2149.9 | 2240.8 | 2251.3 |
| G12.0 | 2037.3 | 2035.3 | 2044.6 | 2049.9 | 2065.2 | 2073.6 | 2091.5 | 2103.0 | 2195.8 | 2206.5 |
| G13.0 | 1984.6 | 1983.3 | 1992.7 | 1999.3 | 2015.1 | 2026.4 | 2044.4 | 2054.5 | 2146.5 | 2158.7 |
| G14.0 | 1928.1 | 1927.3 | 1938.6 | 1942.3 | 1961.0 | 1971.2 | 1988.8 | 2001.7 | 2092.8 | 2107.1 |
| G15.0 | 1873.8 | 1874.2 | 1885.9 | 1892.2 | 1908.6 | 1921.2 | 1939.8 | 1949.9 | 2042.4 | 2055.3 |
| G16.0 | 1816.3 | 1815.1 | 1829.6 | 1836.2 | 1852.4 | 1862.9 | 1882.1 | 1894.7 | 1984.1 | 2004.4 |
| G17.0 | 1760.6 | 1762.3 | 1774.7 | 1781.1 | 1801.2 | 1810.4 | 1830.4 | 1843.4 | 1931.4 | 1944.8 |
| G18.0 | 1706.7 | 1708.1 | 1721.6 | 1728.0 | 1746.1 | 1754.2 | 1777.7 | 1787.8 | 1875.2 | 1891.8 |
| G19.0 | 1647.0 | 1646.0 | 1659.7 | 1666.2 | 1686.7 | 1694.0 | 1714.9 | 1728.1 | 1814.5 | 1832.0 |
| G20.0 | 1588.6 | 1590.4 | 1604.6 | 1610.3 | 1628.3 | 1638.2 | 1659.2 | 1669.6 | 1757.7 | 1773.3 |
| G21.0 | 1532.4 | 1526.4 | 1545.6 | 1548.2 | 1571.3 | 1573.4 | 1600.1 | 1607.9 | 1699.0 | 1715.7 |
| G22.0 | 1469.6 | 1469.4 | 1482.4 | 1487.5 | 1507.9 | 1516.2 | 1537.1 | 1547.8 | 1631.2 | 1650.1 |
| G23.0 | 1408.8 | 1408.3 | 1423.1 | 1429.1 | 1446.2 | 1455.0 | 1478.1 | 1489.4 | 1570.8 | 1589.3 |
| G24.0 | 1344.5 | 1343.8 | 1355.6 | 1361.1 | 1380.9 | 1388.7 | 1409.5 | 1424.1 | 1503.1 | 1524.8 |
| G25.0 | 1281.4 | 1280.1 | 1295.4 | 1300.1 | 1317.0 | 1324.8 | 1348.2 | 1360.4 | 1436.9 | 1453.6 |
| G26.0 | 1220.7 | 1219.0 | 1231.7 | 1235.4 | 1255.4 | 1262.7 | 1283.6 | 1297.9 | 1373.1 | 1390.3 |
| G27.0 | 1151.1 | 1150.8 | 1165.4 | 1167.8 | 1184.8 | 1194.1 | 1215.7 | 1226.2 | 1302.5 | 1320.2 |
| G28.0 | 1089.5 | 1089.6 | 1104.2 | 1106.6 | 1122.8 | 1129.1 | 1150.5 | 1163.6 | 1235.1 | 1254.8 |
| G29.0 | 1026.2 | 1020.7 | 1040.4 | 1037.7 | 1061.6 | 1058.0 | 1088.1 | 1092.2 | 1171.2 | 1185.8 |
| G30.0 | 960.8 | 958.9 | 974.5 | 977.9 | 992.0 | 997.1 | 1020.1 | 1030.4 | 1098.3 | 1111.6 |
| G31.0 | 902.1 | 901.2 | 915.7 | 915.8 | 932.5 | 937.4 | 956.8 | 966.7 | 1031.7 | 1047.6 |
| G32.0 | 837.3 | 839.3 | 850.5 | 853.0 | 865.8 | 871.2 | 892.5 | 902.7 | 963.0 | 976.4 |
| G33.0 | 782.8 | 781.5 | 795.1 | 794.1 | 810.0 | 814.9 | 832.5 | 845.0 | 901.9 | 915.3 |
| G34.0 | 727.8 | 727.8 | 738.8 | 740.3 | 755.4 | 758.0 | 777.3 | 786.0 | 840.3 | 852.3 |
| G35.0 | 672.8 | 672.0 | 682.6 | 683.9 | 695.8 | 700.0 | 716.5 | 726.3 | 778.2 | 789.0 |
| G36.0 | 623.6 | 622.1 | 633.6 | 632.2 | 645.9 | 649.9 | 666.2 | 672.3 | 721.0 | 733.9 |

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:



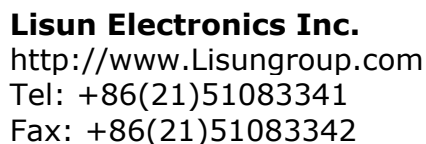
Candlepower Table (Continue 4)

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 | 579.2 | 573.5 | 585.4 | 581.8 | 596.8 | 596.9 | 618.2 | 619.3 | 663.7 | 681.3 |
| G38.0 | 533.1 | 529.4 | 536.6 | 536.6 | 548.9 | 552.6 | 566.4 | 573.3 | 614.9 | 624.5 |
| G39.0 | 491.8 | 489.9 | 496.2 | 496.3 | 505.7 | 508.8 | 523.4 | 528.3 | 566.8 | 579.6 |
| G40.0 | 450.6 | 447.6 | 454.4 | 455.0 | 463.3 | 466.9 | 477.7 | 483.3 | 518.7 | 528.7 |
| G41.0 | 415.6 | 412.5 | 417.0 | 417.6 | 427.1 | 430.2 | 440.1 | 443.1 | 477.5 | 485.3 |
| G42.0 | 381.6 | 378.5 | 383.9 | 383.9 | 393.0 | 393.8 | 404.1 | 407.2 | 436.7 | 446.2 |
| G43.0 | 348.3 | 345.4 | 350.5 | 348.5 | 357.1 | 358.3 | 367.6 | 369.5 | 396.8 | 404.5 |
| G44.0 | 320.5 | 317.6 | 320.4 | 319.9 | 327.3 | 328.3 | 335.1 | 337.2 | 360.9 | 369.9 |
| G45.0 | 293.2 | 288.9 | 293.8 | 290.8 | 300.1 | 296.4 | 305.9 | 303.0 | 325.7 | 335.9 |
| G46.0 | 266.8 | 263.8 | 266.6 | 266.0 | 271.3 | 270.3 | 274.6 | 274.9 | 295.6 | 302.4 |
| G47.0 | 243.8 | 241.6 | 243.4 | 242.1 | 247.8 | 246.0 | 248.8 | 247.1 | 266.0 | 273.7 |
| G48.0 | 221.3 | 219.7 | 221.1 | 219.9 | 223.9 | 220.8 | 222.8 | 220.3 | 237.3 | 244.4 |
| G49.0 | 202.8 | 200.7 | 202.5 | 201.1 | 203.5 | 199.9 | 199.1 | 197.6 | 211.4 | 218.2 |
| G50.0 | 186.1 | 183.9 | 184.5 | 183.0 | 185.7 | 179.8 | 178.3 | 175.5 | 188.7 | 195.2 |
| G51.0 | 168.8 | 166.6 | 167.6 | 165.9 | 167.4 | 160.6 | 157.6 | 154.5 | 165.6 | 171.2 |
| G52.0 | 155.5 | 153.0 | 154.0 | 152.2 | 151.9 | 144.0 | 139.8 | 137.4 | 147.1 | 151.2 |
| G53.0 | 143.3 | 139.8 | 141.1 | 137.8 | 138.5 | 127.1 | 124.0 | 119.9 | 128.3 | 133.3 |
| G54.0 | 131.1 | 129.1 | 128.9 | 126.6 | 123.8 | 113.3 | 108.9 | 106.3 | 113.9 | 117.0 |
| G55.0 | 121.5 | 119.4 | 119.1 | 116.9 | 112.1 | 100.4 | 96.2 | 94.3 | 101.1 | 104.0 |
| G56.0 | 112.1 | 109.4 | 109.1 | 106.9 | 100.3 | 88.2 | 84.3 | 83.4 | 89.4 | 91.6 |
| G57.0 | 103.5 | 101.6 | 100.9 | 97.9 | 89.6 | 77.9 | 75.0 | 75.0 | 81.6 | 82.6 |
| G58.0 | 95.9 | 93.9 | 93.3 | 90.2 | 80.4 | 69.4 | 67.2 | 69.0 | 75.7 | 75.6 |
| G59.0 | 88.0 | 86.4 | 85.8 | 81.5 | 71.1 | 60.9 | 59.8 | 64.1 | 70.9 | 69.8 |
| G60.0 | 80.8 | 79.6 | 79.0 | 74.2 | 63.1 | 54.5 | 55.3 | 61.1 | 67.8 | 65.9 |
| G61.0 | 73.6 | 72.6 | 72.0 | 66.2 | 55.6 | 48.5 | 51.2 | 58.1 | 64.4 | 62.9 |
| G62.0 | 67.6 | 66.9 | 66.4 | 59.2 | 49.7 | 44.2 | 48.3 | 55.5 | 61.4 | 59.8 |
| G63.0 | 61.6 | 61.2 | 60.4 | 52.8 | 44.4 | 40.7 | 45.8 | 52.4 | 57.9 | 56.8 |
| G64.0 | 55.9 | 55.3 | 54.6 | 46.5 | 39.4 | 37.6 | 43.0 | 48.6 | 53.6 | 53.1 |
| G65.0 | 50.9 | 50.4 | 49.3 | 41.2 | 35.6 | 35.3 | 40.2 | 44.8 | 49.4 | 49.3 |
| G66.0 | 46.5 | 45.5 | 44.6 | 36.3 | 32.2 | 32.4 | 37.2 | 40.6 | 44.9 | 45.2 |
| G67.0 | 42.0 | 41.1 | 39.6 | 32.3 | 29.3 | 30.0 | 33.9 | 36.6 | 40.0 | 40.5 |
| G68.0 | 38.2 | 37.3 | 35.4 | 28.9 | 26.9 | 27.7 | 30.9 | 32.8 | 36.0 | 36.5 |
| G69.0 | 34.4 | 33.2 | 31.2 | 25.4 | 24.2 | 24.8 | 27.5 | 29.3 | 32.2 | 33.2 |
| G70.0 | 30.8 | 29.9 | 27.5 | 22.8 | 21.9 | 22.1 | 24.7 | 26.5 | 29.0 | 29.7 |
| G71.0 | 27.6 | 26.7 | 24.2 | 20.3 | 19.5 | 19.8 | 22.1 | 24.0 | 26.3 | 26.7 |
| G72.0 | 24.4 | 23.4 | 20.9 | 17.6 | 16.8 | 17.6 | 19.9 | 21.8 | 23.8 | 24.1 |
| G73.0 | 21.6 | 20.6 | 18.3 | 15.5 | 14.7 | 15.9 | 18.0 | 19.9 | 21.8 | 21.9 |

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:



Unit: cd

[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 (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 | 2503.8 | 2497.0 | 2492.4 | 2485.7 | 2481.9 | 2475.1 | 2472.2 | 2465.8 | 2463.1 | 2458.1 |
| G1.0 | 2505.5 | 2501.0 | 2496.6 | 2491.6 | 2487.2 | 2482.3 | 2478.4 | 2472.9 | 2469.1 | 2464.2 |
| G2.0 | 2503.2 | 2500.4 | 2496.4 | 2492.7 | 2488.6 | 2484.5 | 2480.0 | 2475.3 | 2470.4 | 2465.6 |
| G3.0 | 2494.2 | 2492.6 | 2489.6 | 2487.6 | 2484.0 | 2481.4 | 2476.3 | 2471.1 | 2465.8 | 2460.9 |
| G4.0 | 2479.5 | 2480.2 | 2477.9 | 2477.1 | 2473.7 | 2471.1 | 2466.2 | 2461.9 | 2455.5 | 2450.8 |
| G5.0 | 2461.7 | 2462.5 | 2460.4 | 2460.8 | 2457.7 | 2456.2 | 2450.6 | 2446.3 | 2439.3 | 2434.6 |
| G6.0 | 2436.8 | 2439.5 | 2436.9 | 2438.7 | 2435.7 | 2435.2 | 2428.8 | 2425.0 | 2417.7 | 2413.2 |
| G7.0 | 2410.9 | 2414.3 | 2412.4 | 2414.4 | 2411.2 | 2411.7 | 2405.1 | 2401.0 | 2394.2 | 2388.3 |
| G8.0 | 2377.5 | 2384.1 | 2378.3 | 2384.3 | 2378.6 | 2382.3 | 2373.0 | 2373.6 | 2362.7 | 2360.9 |
| G9.0 | 2340.5 | 2345.4 | 2344.5 | 2348.0 | 2345.7 | 2347.1 | 2340.4 | 2337.4 | 2330.5 | 2324.6 |
| G10.0 | 2301.5 | 2307.4 | 2305.7 | 2308.8 | 2307.4 | 2309.0 | 2302.4 | 2301.4 | 2292.9 | 2288.0 |
| G11.0 | 2253.9 | 2262.5 | 2262.2 | 2265.6 | 2262.3 | 2265.2 | 2258.4 | 2257.4 | 2248.7 | 2244.3 |
| G12.0 | 2210.0 | 2217.2 | 2218.1 | 2223.5 | 2219.7 | 2223.0 | 2213.9 | 2213.6 | 2204.7 | 2199.3 |
| G13.0 | 2162.1 | 2172.3 | 2173.9 | 2177.3 | 2175.0 | 2176.3 | 2169.1 | 2169.2 | 2158.3 | 2154.9 |
| G14.0 | 2110.2 | 2121.1 | 2122.1 | 2126.8 | 2121.4 | 2125.0 | 2117.8 | 2118.4 | 2107.3 | 2102.4 |
| G15.0 | 2061.6 | 2070.0 | 2071.6 | 2077.0 | 2073.1 | 2075.0 | 2067.6 | 2068.2 | 2058.8 | 2054.9 |
| G16.0 | 2003.8 | 2019.8 | 2017.5 | 2027.9 | 2018.8 | 2025.8 | 2013.5 | 2018.8 | 2004.2 | 2005.8 |
| G17.0 | 1952.0 | 1961.8 | 1965.9 | 1972.8 | 1965.6 | 1970.9 | 1963.0 | 1960.6 | 1952.8 | 1948.0 |
| G18.0 | 1899.3 | 1909.9 | 1910.9 | 1918.6 | 1913.9 | 1917.0 | 1908.3 | 1908.9 | 1898.3 | 1896.5 |
| G19.0 | 1837.3 | 1851.3 | 1851.6 | 1859.8 | 1853.1 | 1858.2 | 1849.9 | 1850.2 | 1840.2 | 1838.1 |
| G20.0 | 1781.4 | 1795.4 | 1796.1 | 1804.3 | 1798.3 | 1803.4 | 1794.6 | 1792.1 | 1783.0 | 1780.6 |
| G21.0 | 1723.8 | 1734.7 | 1736.7 | 1745.0 | 1741.4 | 1747.1 | 1735.4 | 1735.1 | 1726.7 | 1724.2 |
| G22.0 | 1656.2 | 1670.1 | 1673.1 | 1681.1 | 1678.1 | 1680.3 | 1671.9 | 1671.6 | 1663.3 | 1660.8 |
| G23.0 | 1595.8 | 1610.0 | 1613.7 | 1618.7 | 1615.3 | 1620.8 | 1612.6 | 1609.6 | 1601.3 | 1599.0 |
| G24.0 | 1528.7 | 1546.6 | 1543.3 | 1558.0 | 1548.4 | 1557.8 | 1543.2 | 1549.1 | 1535.1 | 1539.3 |
| G25.0 | 1462.4 | 1478.0 | 1480.7 | 1489.4 | 1483.1 | 1489.6 | 1481.1 | 1478.9 | 1473.2 | 1470.0 |
| G26.0 | 1397.6 | 1410.6 | 1413.1 | 1422.5 | 1422.3 | 1423.0 | 1417.8 | 1416.4 | 1406.7 | 1407.7 |
| G27.0 | 1326.1 | 1339.2 | 1341.4 | 1351.8 | 1349.0 | 1353.2 | 1344.6 | 1346.5 | 1336.9 | 1338.5 |
| G28.0 | 1257.5 | 1272.7 | 1275.6 | 1285.8 | 1284.2 | 1288.1 | 1280.6 | 1281.8 | 1272.4 | 1271.0 |
| G29.0 | 1192.3 | 1203.2 | 1206.2 | 1216.5 | 1215.9 | 1220.1 | 1212.4 | 1214.0 | 1205.2 | 1206.5 |
| G30.0 | 1117.8 | 1127.8 | 1130.6 | 1142.4 | 1141.8 | 1146.0 | 1138.5 | 1140.5 | 1131.5 | 1133.3 |
| G31.0 | 1050.9 | 1062.3 | 1066.1 | 1077.8 | 1077.9 | 1081.3 | 1074.6 | 1076.5 | 1065.6 | 1070.2 |
| G32.0 | 981.1 | 993.0 | 996.9 | 1005.3 | 1005.4 | 1011.7 | 1002.9 | 1005.2 | 997.6 | 999.8 |
| G33.0 | 919.1 | 928.5 | 932.2 | 943.8 | 943.4 | 947.1 | 941.3 | 944.3 | 936.7 | 939.1 |
| G34.0 | 856.1 | 869.1 | 872.1 | 883.5 | 879.6 | 887.0 | 881.3 | 884.6 | 877.3 | 877.5 |
| G35.0 | 793.1 | 803.1 | 808.9 | 819.5 | 815.6 | 823.0 | 817.7 | 818.7 | 814.6 | 814.8 |
| G36.0 | 735.5 | 747.8 | 750.6 | 760.7 | 760.1 | 764.2 | 759.5 | 763.5 | 757.5 | 759.8 |

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 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 | 678.0 | 694.3 | 692.8 | 706.8 | 699.2 | 710.3 | 701.5 | 707.8 | 697.5 | 707.0 |
| G38.0 | 628.5 | 636.8 | 640.9 | 651.2 | 649.1 | 652.2 | 649.2 | 652.7 | 648.6 | 649.3 |
| G39.0 | 579.1 | 589.9 | 593.8 | 601.7 | 601.6 | 604.8 | 602.1 | 606.2 | 602.6 | 602.5 |
| G40.0 | 531.3 | 541.5 | 545.5 | 552.4 | 550.7 | 555.9 | 553.9 | 557.7 | 554.4 | 554.4 |
| G41.0 | 490.5 | 500.0 | 501.8 | 508.7 | 508.8 | 514.1 | 510.7 | 514.5 | 511.1 | 511.3 |
| G42.0 | 449.7 | 459.4 | 462.9 | 469.5 | 469.5 | 473.0 | 472.0 | 475.5 | 472.1 | 472.2 |
| G43.0 | 409.4 | 417.9 | 421.1 | 429.4 | 427.7 | 432.9 | 430.0 | 435.6 | 430.4 | 430.6 |
| G44.0 | 375.0 | 383.5 | 387.3 | 393.7 | 393.2 | 396.9 | 396.2 | 399.9 | 396.9 | 396.9 |
| G45.0 | 338.2 | 351.8 | 352.6 | 361.8 | 357.1 | 365.0 | 361.6 | 367.9 | 360.7 | 363.8 |
| G46.0 | 308.4 | 317.4 | 322.0 | 329.0 | 327.7 | 332.5 | 330.9 | 334.1 | 331.4 | 331.2 |
| G47.0 | 279.0 | 289.5 | 294.5 | 300.3 | 300.4 | 303.7 | 303.9 | 306.7 | 304.5 | 303.6 |
| G48.0 | 249.8 | 261.2 | 266.6 | 272.5 | 271.8 | 275.8 | 276.2 | 279.0 | 275.7 | 275.8 |
| G49.0 | 223.9 | 235.5 | 241.9 | 248.1 | 249.0 | 251.6 | 251.8 | 254.2 | 252.3 | 251.5 |
| G50.0 | 200.6 | 212.8 | 219.2 | 226.4 | 226.6 | 230.4 | 229.4 | 232.5 | 229.7 | 229.1 |
| G51.0 | 176.0 | 188.6 | 197.4 | 203.8 | 205.2 | 208.0 | 207.9 | 210.2 | 208.4 | 207.7 |
| G52.0 | 156.4 | 169.0 | 179.1 | 185.7 | 186.8 | 190.3 | 190.1 | 191.5 | 189.8 | 189.2 |
| G53.0 | 136.4 | 150.1 | 159.8 | 168.8 | 169.3 | 173.4 | 171.9 | 175.3 | 172.2 | 173.2 |
| G54.0 | 120.9 | 131.6 | 144.6 | 152.7 | 154.5 | 157.7 | 157.9 | 158.7 | 157.3 | 156.5 |
| G55.0 | 106.5 | 116.8 | 129.8 | 139.0 | 141.9 | 144.5 | 144.5 | 146.0 | 144.8 | 143.9 |
| G56.0 | 93.8 | 102.0 | 115.2 | 125.6 | 129.2 | 131.8 | 131.7 | 133.1 | 132.0 | 130.8 |
| G57.0 | 83.1 | 90.5 | 103.5 | 115.1 | 118.7 | 121.8 | 121.8 | 123.4 | 121.7 | 120.8 |
| G58.0 | 74.2 | 80.6 | 92.3 | 105.4 | 109.6 | 112.9 | 112.5 | 113.7 | 112.8 | 111.5 |
| G59.0 | 66.7 | 70.9 | 81.8 | 95.0 | 100.3 | 103.2 | 103.5 | 104.7 | 103.3 | 102.7 |
| G60.0 | 61.4 | 63.1 | 72.8 | 86.4 | 92.3 | 95.2 | 95.5 | 96.7 | 95.6 | 94.8 |
| G61.0 | 56.9 | 56.7 | 64.5 | 78.1 | 84.5 | 88.3 | 87.8 | 89.1 | 87.7 | 87.9 |
| G62.0 | 53.8 | 51.2 | 57.5 | 70.1 | 77.5 | 80.7 | 80.9 | 81.5 | 80.6 | 80.3 |
| G63.0 | 51.1 | 47.2 | 51.7 | 63.4 | 70.9 | 74.2 | 74.5 | 74.8 | 74.0 | 73.8 |
| G64.0 | 48.2 | 43.6 | 46.0 | 56.5 | 64.5 | 67.6 | 68.0 | 68.2 | 67.4 | 67.3 |
| G65.0 | 45.4 | 40.7 | 41.7 | 51.1 | 58.6 | 62.1 | 62.0 | 62.4 | 61.5 | 61.7 |
| G66.0 | 42.0 | 38.2 | 37.8 | 45.9 | 53.2 | 56.5 | 56.9 | 56.8 | 56.0 | 56.1 |
| G67.0 | 38.4 | 35.1 | 34.3 | 40.7 | 47.4 | 50.8 | 51.2 | 51.2 | 50.7 | 50.5 |
| G68.0 | 34.5 | 32.4 | 31.6 | 36.7 | 42.7 | 46.2 | 46.2 | 46.5 | 46.0 | 45.8 |
| G69.0 | 30.8 | 29.3 | 28.7 | 32.6 | 37.7 | 41.5 | 41.7 | 42.3 | 41.3 | 41.4 |
| G70.0 | 27.9 | 26.0 | 26.0 | 28.7 | 33.8 | 37.0 | 37.5 | 37.9 | 37.5 | 37.0 |
| G71.0 | 25.1 | 23.2 | 23.1 | 25.8 | 30.1 | 33.2 | 34.0 | 34.3 | 33.8 | 33.2 |
| G72.0 | 22.4 | 20.6 | 20.2 | 22.8 | 26.6 | 29.4 | 30.2 | 30.7 | 30.0 | 29.4 |
| G73.0 | 20.7 | 18.6 | 17.6 | 19.9 | 23.4 | 26.1 | 27.0 | 27.4 | 26.7 | 26.0 |

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 | 2455.4 | 2450.6 | 2448.7 | 2444.8 | 2442.5 | 2439.8 | 2515.8 | | | |
| G1.0 | 2460.0 | 2455.0 | 2450.5 | 2446.2 | 2441.5 | 2437.6 | 2510.3 | | | |
| G2.0 | 2460.1 | 2454.2 | 2447.7 | 2442.4 | 2435.6 | 2429.9 | 2500.4 | | | |
| G3.0 | 2453.9 | 2447.7 | 2439.5 | 2431.9 | 2423.7 | 2416.6 | 2483.1 | | | |
| G4.0 | 2442.4 | 2435.5 | 2425.9 | 2418.1 | 2407.0 | 2398.6 | 2463.4 | | | |
| G5.0 | 2425.9 | 2419.3 | 2407.6 | 2399.6 | 2386.8 | 2377.3 | 2437.8 | | | |
| G6.0 | 2403.1 | 2395.1 | 2383.5 | 2373.0 | 2358.9 | 2348.7 | 2407.1 | | | |
| G7.0 | 2378.6 | 2370.3 | 2356.1 | 2346.2 | 2330.0 | 2319.5 | 2373.4 | | | |
| G8.0 | 2345.6 | 2339.7 | 2322.2 | 2314.0 | 2294.6 | 2284.4 | 2337.1 | | | |
| G9.0 | 2312.7 | 2303.2 | 2288.0 | 2276.1 | 2256.6 | 2243.7 | 2293.4 | | | |
| G10.0 | 2273.6 | 2266.0 | 2248.8 | 2235.6 | 2216.0 | 2201.6 | 2248.1 | | | |
| G11.0 | 2229.6 | 2221.6 | 2204.5 | 2190.6 | 2169.8 | 2154.3 | 2198.3 | | | |
| G12.0 | 2184.9 | 2176.9 | 2159.6 | 2147.4 | 2125.3 | 2109.0 | 2148.5 | | | |
| G13.0 | 2140.7 | 2130.2 | 2112.6 | 2099.7 | 2077.0 | 2060.0 | 2099.7 | | | |
| G14.0 | 2088.6 | 2079.4 | 2061.1 | 2047.7 | 2023.8 | 2007.1 | 2042.7 | | | |
| G15.0 | 2041.3 | 2031.6 | 2012.2 | 1996.7 | 1971.9 | 1955.2 | 1991.1 | | | |
| G16.0 | 1987.2 | 1980.4 | 1955.5 | 1947.4 | 1917.2 | 1904.9 | 1931.4 | | | |
| G17.0 | 1935.8 | 1925.7 | 1907.1 | 1891.7 | 1865.4 | 1848.7 | 1877.9 | | | |
| G18.0 | 1881.6 | 1871.7 | 1853.0 | 1837.2 | 1812.7 | 1794.1 | 1820.7 | | | |
| G19.0 | 1823.8 | 1813.4 | 1795.2 | 1777.8 | 1752.1 | 1735.4 | 1759.6 | | | |
| G20.0 | 1767.2 | 1758.9 | 1737.7 | 1722.7 | 1696.4 | 1679.8 | 1702.8 | | | |
| G21.0 | 1711.1 | 1702.8 | 1681.0 | 1662.8 | 1639.2 | 1623.3 | 1641.6 | | | |
| G22.0 | 1648.4 | 1639.6 | 1617.9 | 1599.7 | 1573.5 | 1557.3 | 1575.8 | | | |
| G23.0 | 1586.8 | 1578.3 | 1556.3 | 1541.4 | 1515.0 | 1498.9 | 1511.8 | | | |
| G24.0 | 1519.8 | 1518.3 | 1490.5 | 1479.6 | 1450.3 | 1437.2 | 1444.1 | | | |
| G25.0 | 1458.5 | 1449.0 | 1426.6 | 1413.4 | 1386.8 | 1371.3 | 1378.8 | | | |
| G26.0 | 1393.0 | 1387.2 | 1364.7 | 1351.9 | 1324.8 | 1309.9 | 1316.1 | | | |
| G27.0 | 1324.0 | 1318.7 | 1296.2 | 1280.5 | 1253.8 | 1239.3 | 1243.7 | | | |
| G28.0 | 1261.0 | 1252.1 | 1230.1 | 1217.3 | 1191.1 | 1177.2 | 1179.6 | | | |
| G29.0 | 1194.7 | 1188.7 | 1167.1 | 1151.1 | 1126.2 | 1114.7 | 1116.0 | | | |
| G30.0 | 1122.2 | 1116.6 | 1095.2 | 1079.0 | 1058.3 | 1044.9 | 1044.9 | | | |
| G31.0 | 1059.8 | 1051.3 | 1030.3 | 1017.5 | 994.1 | 981.8 | 983.5 | | | |
| G32.0 | 989.4 | 983.8 | 963.7 | 951.4 | 928.5 | 916.6 | 917.2 | | | |
| G33.0 | 929.2 | 923.6 | 903.9 | 889.8 | 867.2 | 856.0 | 855.7 | | | |
| G34.0 | 870.0 | 862.3 | 846.0 | 832.7 | 810.9 | 800.0 | 798.3 | | | |
| G35.0 | 804.6 | 800.0 | 781.9 | 772.0 | 751.3 | 741.2 | 735.8 | | | |
| G36.0 | 750.0 | 743.1 | 728.0 | 716.7 | 696.8 | 687.1 | 684.0 | | | |

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:



Candlepower Table (Continue 10)

Unit: cd

| G\C | C300.0 | C310.0 | C320.0 | C330.0 | C340.0 | C350.0 | C360.0 | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G37.0 | 692.6 | 690.9 | 669.3 | 665.8 | 642.5 | 637.3 | 634.4 | | | |
| G38.0 | 641.1 | 636.1 | 621.0 | 613.0 | 593.9 | 585.8 | 580.3 | | | |
| G39.0 | 594.4 | 589.1 | 575.5 | 567.8 | 549.8 | 541.5 | 535.8 | | | |
| G40.0 | 546.0 | 539.2 | 526.6 | 519.3 | 504.4 | 494.0 | 488.0 | | | |
| G41.0 | 502.4 | 498.3 | 486.5 | 479.9 | 465.2 | 455.3 | 448.9 | | | |
| G42.0 | 463.8 | 460.1 | 448.7 | 440.7 | 426.3 | 416.9 | 412.0 | | | |
| G43.0 | 422.4 | 418.6 | 408.0 | 400.4 | 388.0 | 379.3 | 374.0 | | | |
| G44.0 | 388.6 | 383.4 | 374.8 | 367.5 | 354.1 | 345.4 | 339.9 | | | |
| G45.0 | 354.0 | 352.1 | 339.6 | 336.6 | 320.7 | 314.8 | 309.2 | | | |
| G46.0 | 323.6 | 320.2 | 311.0 | 304.9 | 292.1 | 283.5 | 276.5 | | | |
| G47.0 | 296.6 | 293.0 | 283.4 | 276.7 | 263.9 | 255.3 | 249.4 | | | |
| G48.0 | 269.0 | 264.4 | 256.4 | 249.3 | 236.6 | 227.3 | 222.0 | | | |
| G49.0 | 245.1 | 241.5 | 232.6 | 225.4 | 212.3 | 203.2 | 197.5 | | | |
| G50.0 | 223.1 | 219.6 | 212.0 | 203.8 | 190.4 | 181.6 | 176.3 | | | |
| G51.0 | 202.0 | 197.8 | 191.1 | 181.3 | 167.5 | 159.2 | 155.0 | | | |
| G52.0 | 183.6 | 180.6 | 172.9 | 163.1 | 149.1 | 141.4 | 136.9 | | | |
| G53.0 | 166.7 | 164.3 | 155.8 | 145.5 | 130.5 | 124.9 | 121.4 | | | |
| G54.0 | 152.2 | 149.1 | 140.9 | 128.4 | 115.7 | 109.7 | 106.7 | | | |
| G55.0 | 139.8 | 136.1 | 127.2 | 113.6 | 102.2 | 96.9 | 94.6 | | | |
| G56.0 | 127.1 | 124.3 | 113.9 | 99.9 | 89.1 | 85.5 | 84.0 | | | |
| G57.0 | 117.2 | 113.9 | 102.3 | 88.3 | 79.3 | 76.4 | 76.4 | | | |
| G58.0 | 108.3 | 104.9 | 91.9 | 78.5 | 70.4 | 69.6 | 70.5 | | | |
| G59.0 | 99.6 | 95.8 | 81.2 | 68.8 | 62.8 | 64.4 | 66.2 | | | |
| G60.0 | 91.9 | 87.6 | 72.6 | 61.2 | 57.5 | 61.3 | 63.3 | | | |
| G61.0 | 84.4 | 79.7 | 63.9 | 54.8 | 53.4 | 58.9 | 60.6 | | | |
| G62.0 | 77.7 | 71.6 | 57.3 | 48.7 | 50.5 | 56.1 | 57.7 | | | |
| G63.0 | 71.3 | 64.3 | 51.0 | 44.5 | 48.2 | 53.4 | 54.8 | | | |
| G64.0 | 65.1 | 57.1 | 45.2 | 40.9 | 45.5 | 49.9 | 50.7 | | | |
| G65.0 | 59.3 | 50.9 | 40.5 | 38.3 | 42.8 | 46.4 | 47.0 | | | |
| G66.0 | 53.7 | 45.3 | 36.4 | 35.8 | 39.8 | 42.7 | 42.9 | | | |
| G67.0 | 48.0 | 40.0 | 32.8 | 33.3 | 36.3 | 38.1 | 38.4 | | | |
| G68.0 | 43.0 | 35.6 | 30.0 | 30.7 | 32.8 | 34.0 | 34.6 | | | |
| G69.0 | 38.1 | 31.5 | 27.3 | 28.3 | 29.2 | 30.5 | 30.8 | | | |
| G70.0 | 33.7 | 27.7 | 24.9 | 25.4 | 26.3 | 27.2 | 27.8 | | | |
| G71.0 | 29.7 | 24.8 | 22.3 | 22.8 | 23.7 | 24.7 | 25.3 | | | |
| G72.0 | 26.0 | 21.8 | 19.7 | 20.1 | 21.1 | 22.5 | 22.9 | | | |
| G73.0 | 22.8 | 19.3 | 17.4 | 18.0 | 19.3 | 20.5 | 20.9 | | | |

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: