



Report No.:

Test Time: 2021-04-13 08:46

## Luminaire Property

Luminaire Manufacturer:

Luminaire Description: RAD-S-CIS-18.5000.24.-.17

Luminous Length (mm): -100

Luminous Width (mm): -100

Luminous Height (mm): 72.7

Voltage: 24.0 V

Current: 0.803 A

Power: 19.27 W

Power Factor: 1.000

## Photometric Results

CIE Class: Direct

Measurement Flux: 2186.8 lm

Downward Ratio: 100%

Total Rated Lamp Lumens: 2186.8 lm

Efficiency: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 34.2, 34.3, 34.3, 34.1

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 17.0, 17.0, 16.9, 17.0

Luminaire Efficacy Rating (LER): 113.53

Central Intensity: 16809.22 cd

Max. Intensity: 16923.78 cd

Pos of Max. Intensity: H180 V1

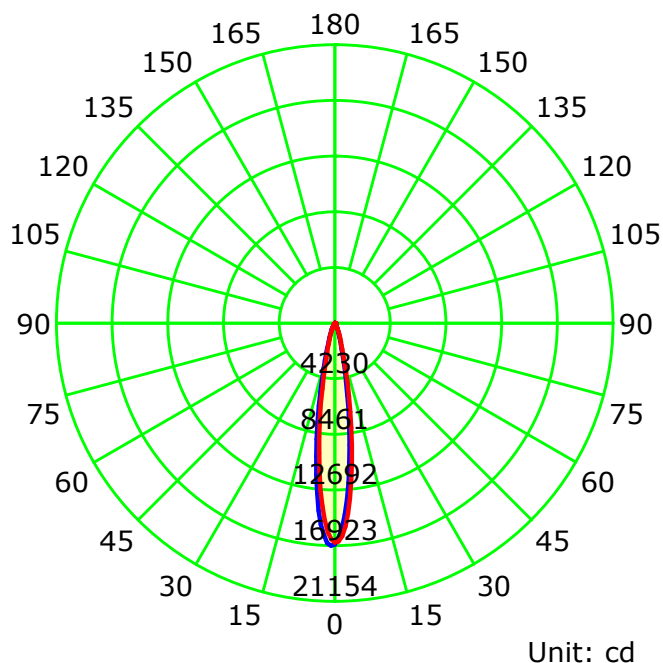
S/MH(C0/C180): 0.29

S/MH(C90/C270): 0.29

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

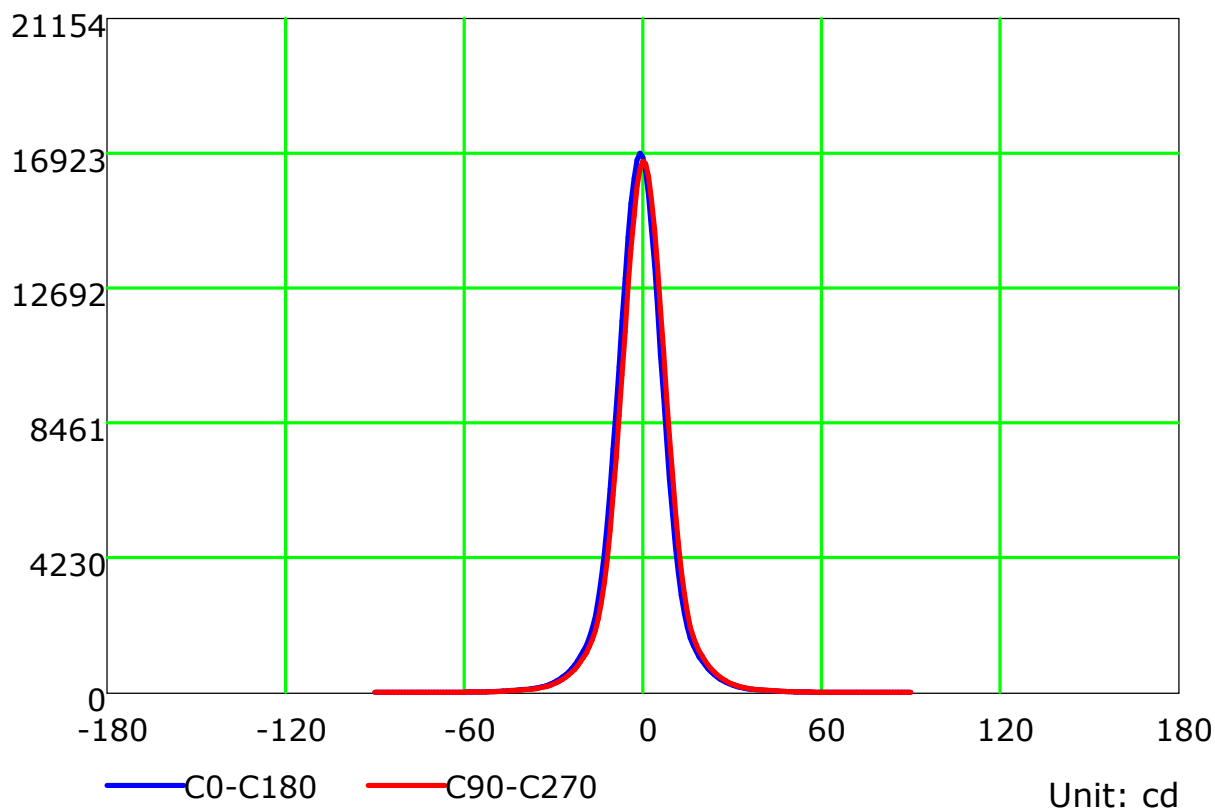
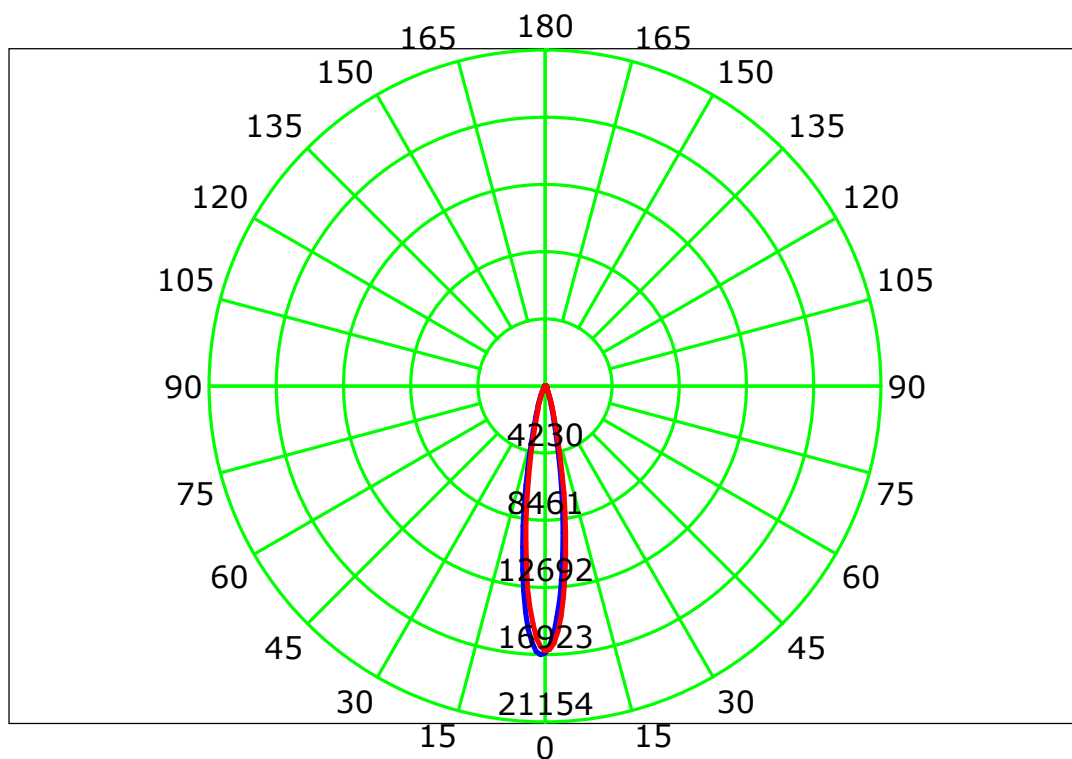
Test Device: LSG-1700B

Distance: 9.600 m

Humidity:

Inspector:

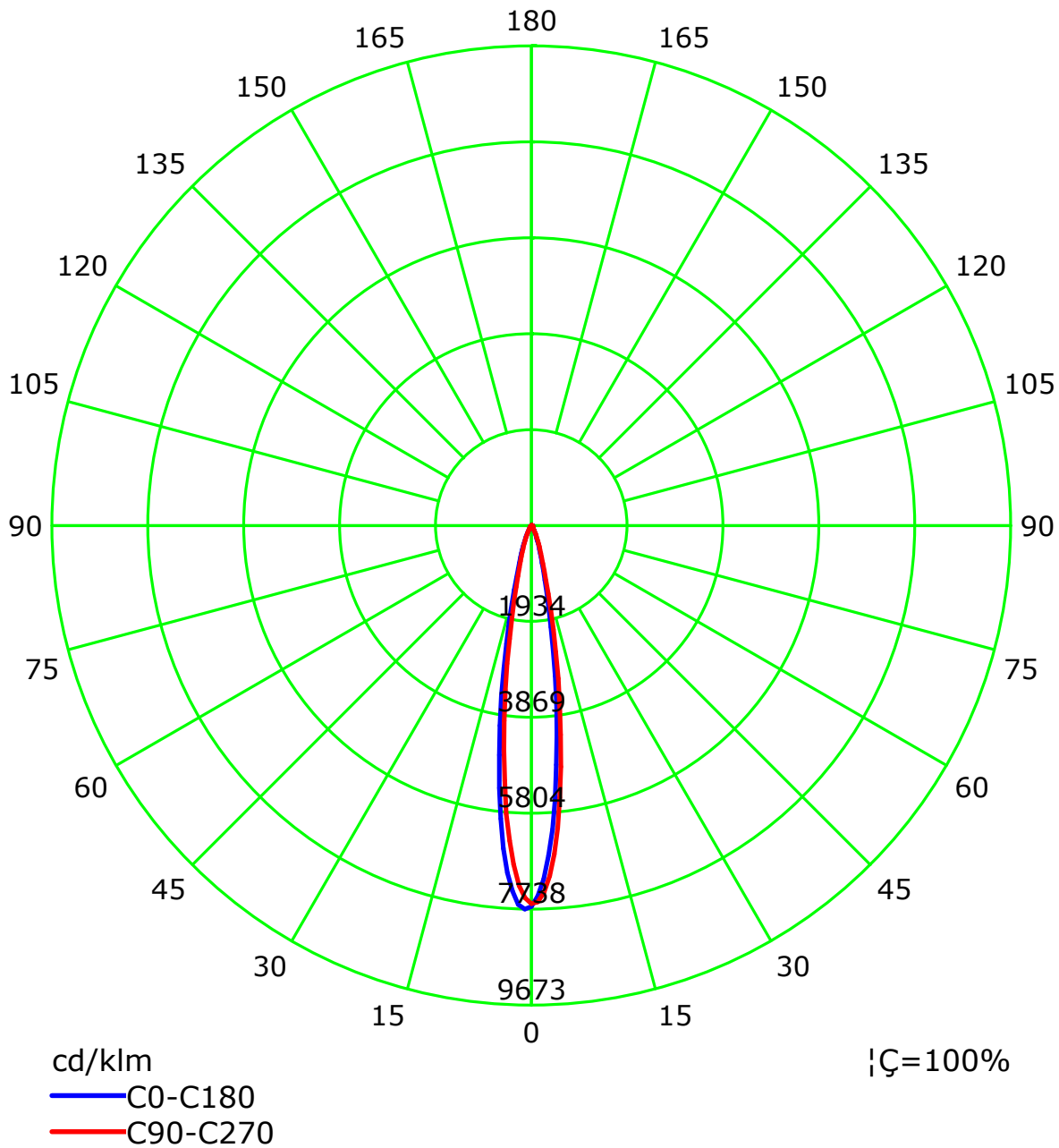
## Luminous Intensity Distribution Curve



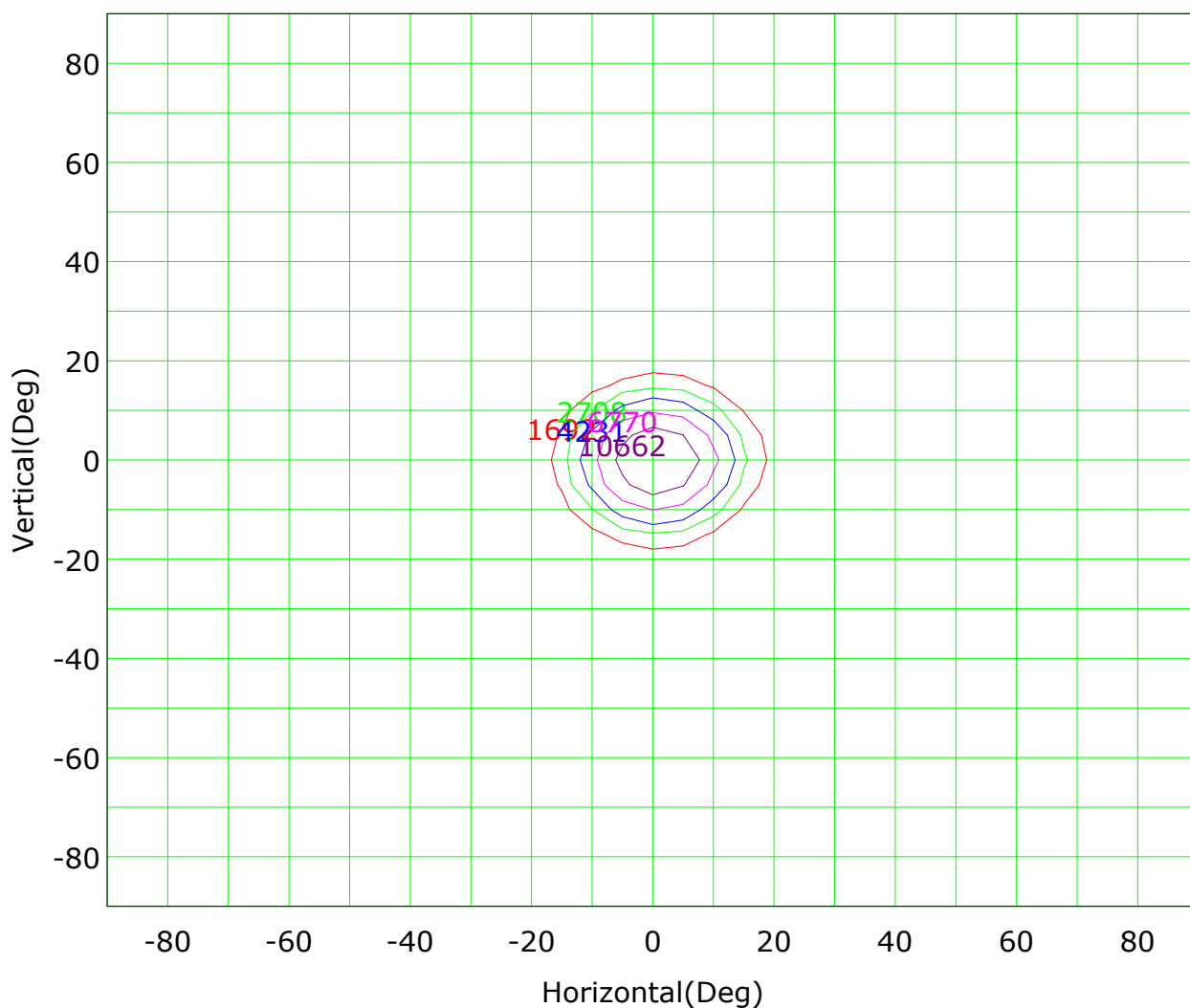
C Plane (°):0.0-360.0: 10.0  
Test Lab: Svet-lab  
Test Type: TYPE C  
Temperature:  
Operator: Svet-lab

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

## Luminous Intensity Distribution Curve(cd/klm)



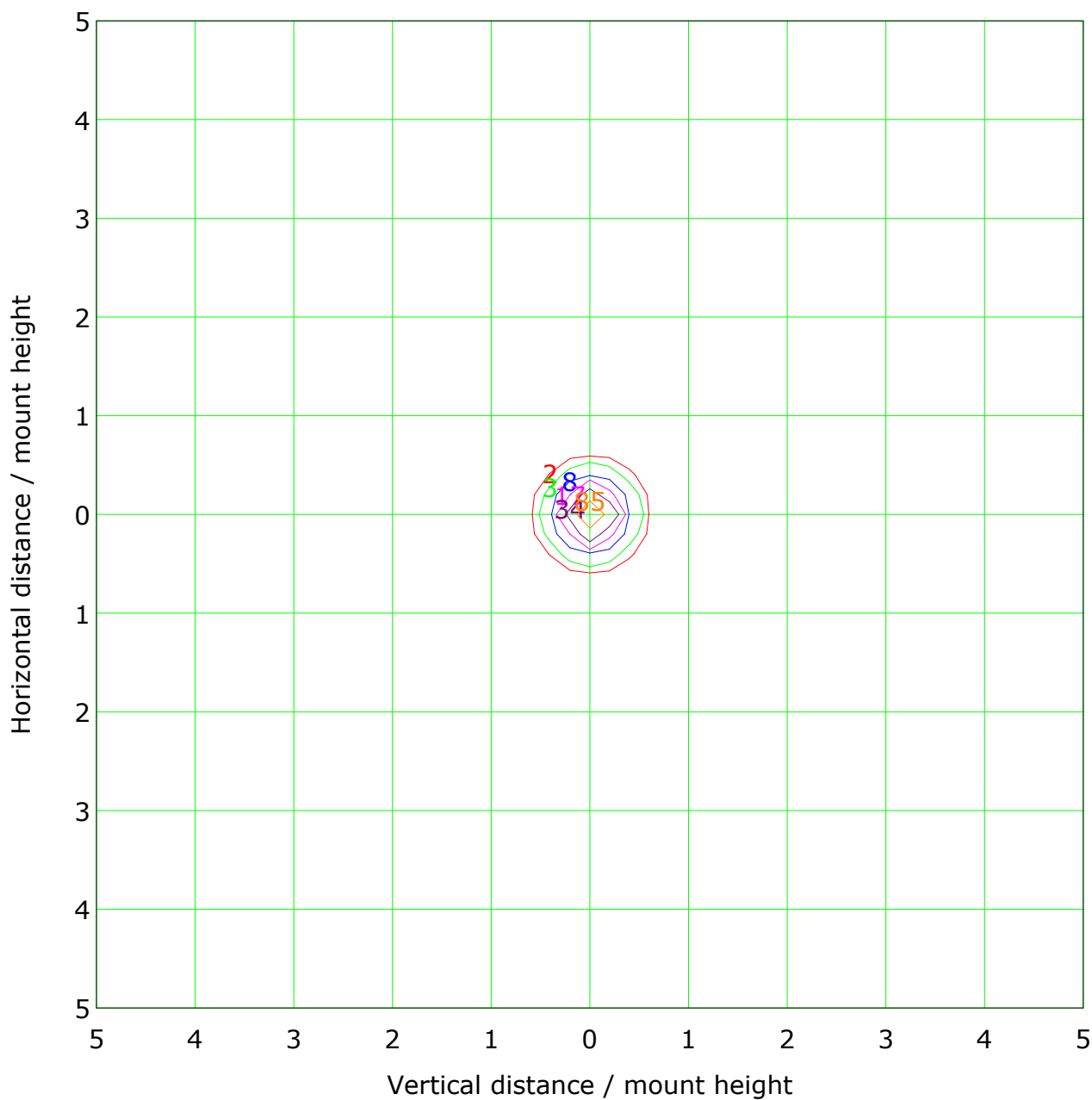
## Isocandela (rectangle)



Imax (100%): 16924 cd

|                  |                  |
|------------------|------------------|
| ( 10%): 1692 cd  | ( 16%): 2708 cd  |
| ( 25%): 4231 cd  | ( 40%): 6770 cd  |
| ( 63%): 10662 cd | (100%): 16924 cd |

## IsoLux Plot



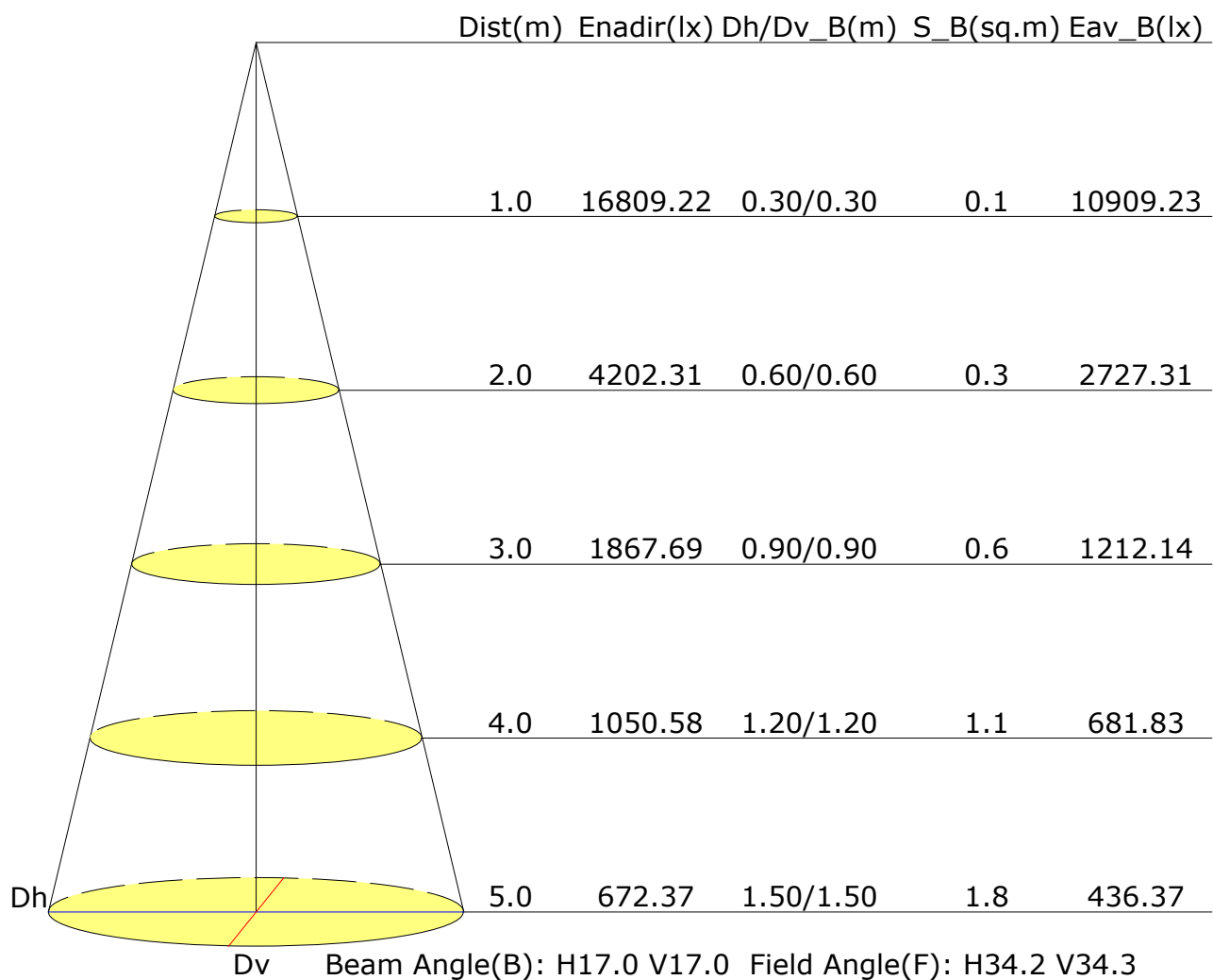
Mounting Height: 10.0m    Max Lux(100%): 169.2 lx

|                  |                 |
|------------------|-----------------|
| ( 1%): 1.7 lx    | ( 2%): 3.4 lx   |
| ( 5%): 8.5 lx    | ( 10%): 16.9 lx |
| ( 20%): 33.8 lx  | ( 50%): 84.6 lx |
| (100%): 169.2 lx |                 |

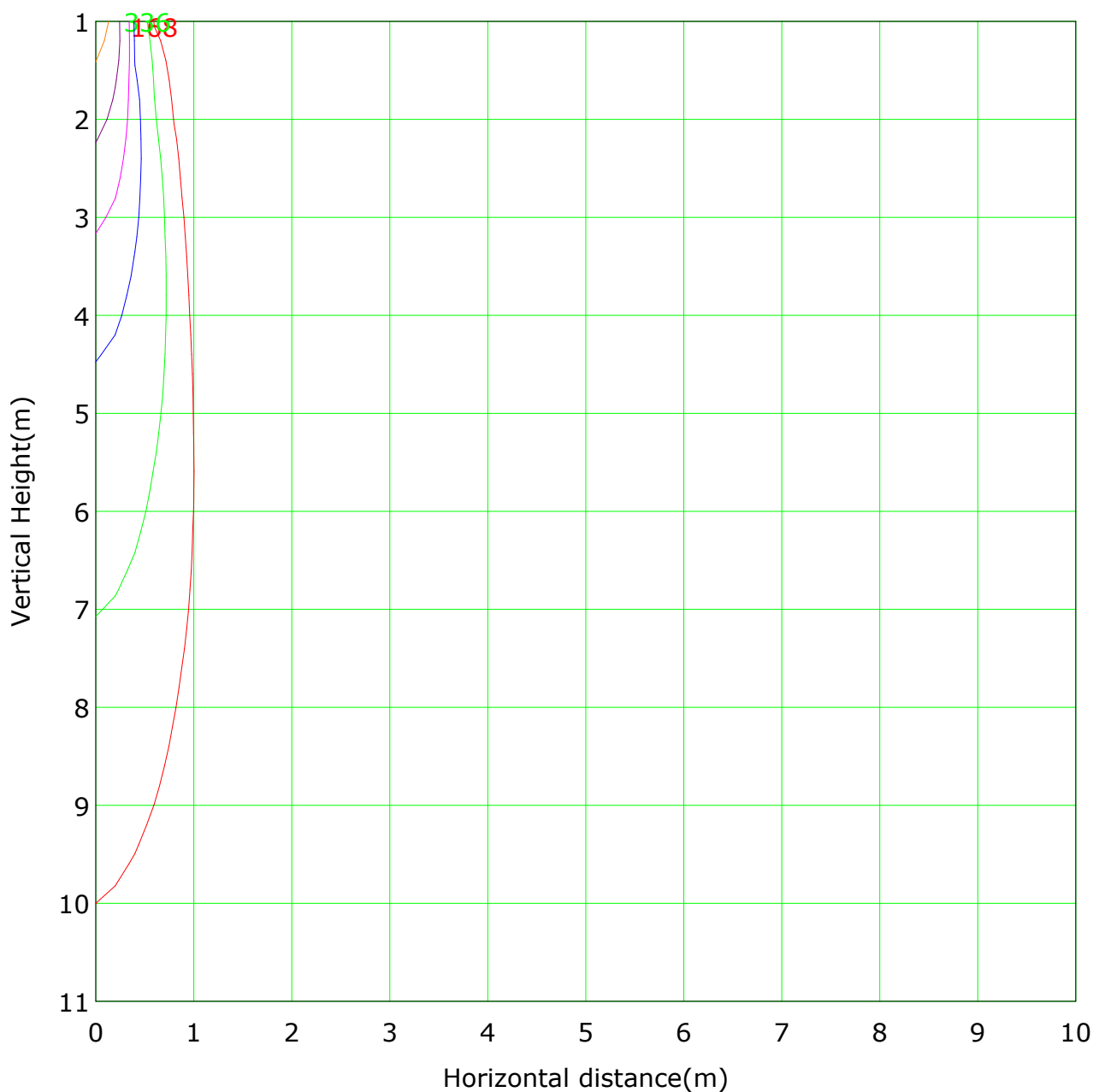
C Plane (°):0.0-360.0: 10.0  
Test Lab: Svet-lab  
Test Type: TYPE C  
Temperature:  
Operator: Svet-lab

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

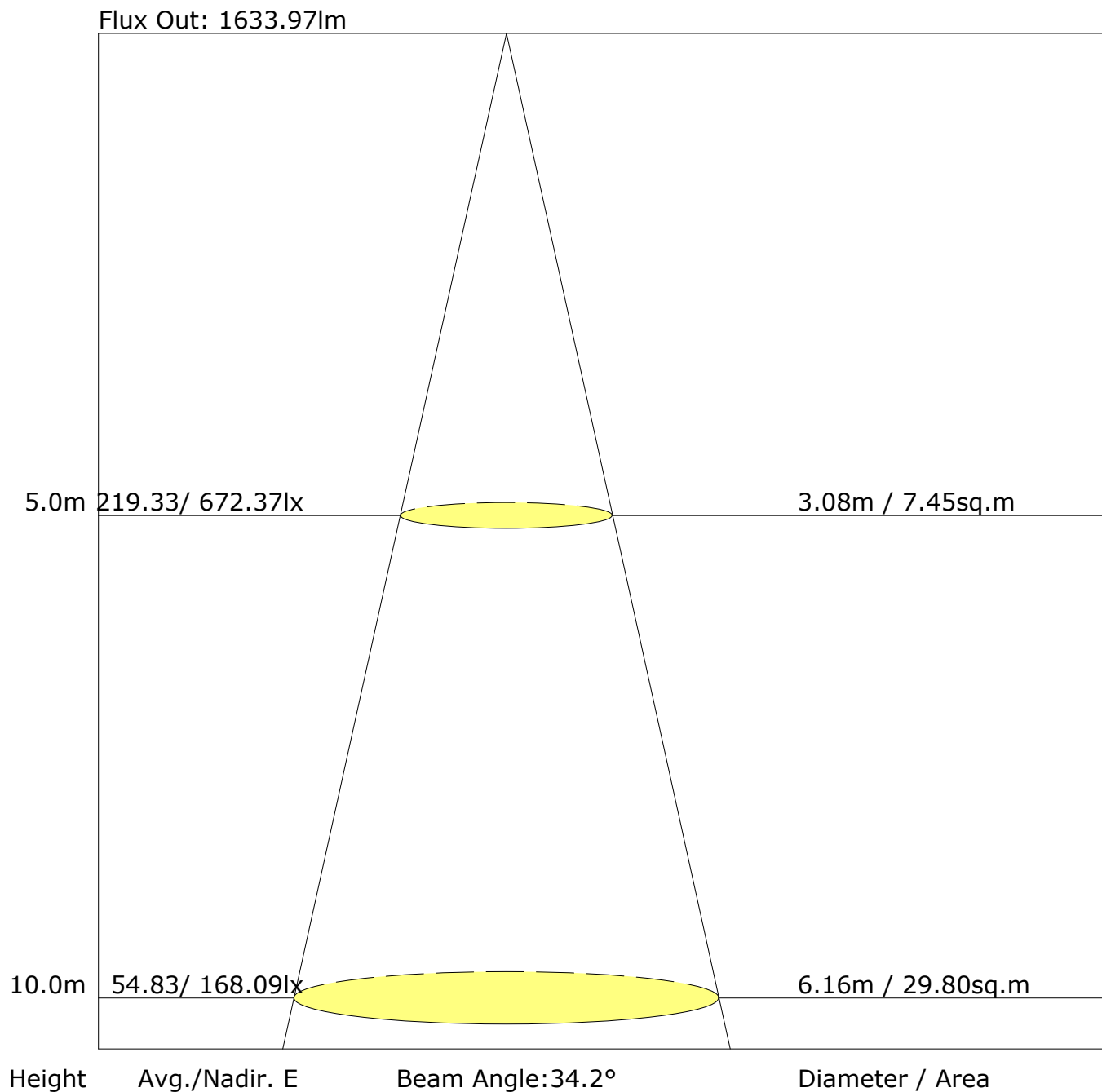


Lowest(m): 1.0m   Highest(m): 11.0m   Max Lux: 16809.2 lx  
 ( 1%): 168.1 lx   ( 2%): 336.2 lx  
 ( 5%): 840.5 lx   ( 10%): 1680.9 lx  
 ( 20%): 3361.8 lx   ( 50%): 8404.6 lx  
 (100%): 16809.2 lx

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:

## The Average Illuminance Effective Figure



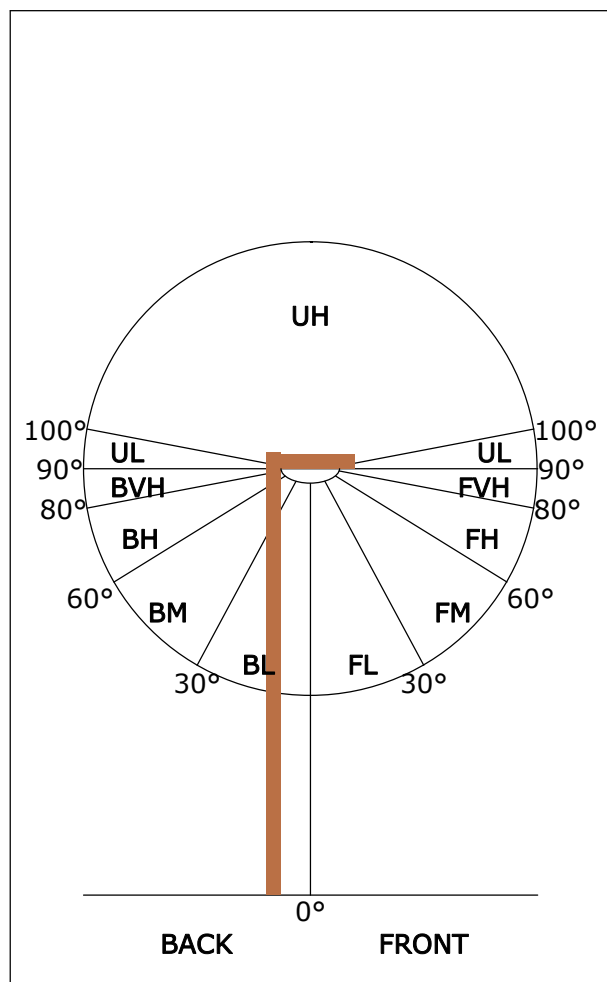


## UGR Table

|  |                  |      |      |      |      |                |      |      |      |      |
|--|------------------|------|------|------|------|----------------|------|------|------|------|
| 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  | 13.4             | 14.0 | 13.7 | 14.2 | 14.4 | 14.0           | 14.5 | 14.2 | 14.7 | 14.9 |
| 3H   | 13.3             | 13.8 | 13.6 | 14.0 | 14.3 | 13.8           | 14.3 | 14.1 | 14.6 | 14.8 |
| 4H   | 13.2             | 13.7 | 13.5 | 14.0 | 14.2 | 13.7           | 14.2 | 14.0 | 14.5 | 14.7 |
| 6H   | 13.1             | 13.6 | 13.5 | 13.9 | 14.2 | 13.7           | 14.1 | 14.0 | 14.4 | 14.7 |
| 8H   | 13.1             | 13.5 | 13.4 | 13.8 | 14.1 | 13.6           | 14.1 | 14.0 | 14.4 | 14.7 |
| 12H  | 13.1             | 13.5 | 13.4 | 13.8 | 14.1 | 13.6           | 14.0 | 13.9 | 14.3 | 14.6 |
| X=4H Y=2H  | 13.2             | 13.7 | 13.5 | 13.9 | 14.2 | 13.7           | 14.2 | 14.0 | 14.5 | 14.7 |
| 3H   | 13.0             | 13.5 | 13.4 | 13.8 | 14.1 | 13.6           | 14.0 | 13.9 | 14.3 | 14.6 |
| 4H   | 12.9             | 13.3 | 13.3 | 13.7 | 14.0 | 13.5           | 13.9 | 13.9 | 14.2 | 14.5 |
| 6H   | 12.9             | 13.2 | 13.3 | 13.6 | 13.9 | 13.4           | 13.7 | 13.8 | 14.1 | 14.5 |
| 8H   | 12.8             | 13.1 | 13.2 | 13.5 | 13.9 | 13.3           | 13.7 | 13.8 | 14.0 | 14.4 |
| 12H  | 12.8             | 13.0 | 13.2 | 13.4 | 13.9 | 13.3           | 13.6 | 13.7 | 14.0 | 14.4 |
| X=8H Y=4H  | 12.8             | 13.1 | 13.2 | 13.5 | 13.9 | 13.3           | 13.7 | 13.8 | 14.0 | 14.4 |
| 6H   | 12.7             | 13.0 | 13.2 | 13.4 | 13.8 | 13.2           | 13.5 | 13.7 | 13.9 | 14.4 |
| 8H   | 12.7             | 12.9 | 13.1 | 13.3 | 13.8 | 13.2           | 13.4 | 13.7 | 13.9 | 14.3 |
| 12H  | 12.6             | 12.8 | 13.1 | 13.3 | 13.8 | 13.1           | 13.3 | 13.6 | 13.8 | 14.3 |
| X=12H Y=4H   | 12.8             | 13.0 | 13.2 | 13.4 | 13.9 | 13.3           | 13.6 | 13.7 | 14.0 | 14.4 |
| 6H   | 12.7             | 12.9 | 13.1 | 13.3 | 13.8 | 13.2           | 13.4 | 13.7 | 13.9 | 14.3 |
| 8H   | 12.6             | 12.8 | 13.1 | 13.3 | 13.8 | 13.1           | 13.3 | 13.6 | 13.8 | 14.3 |
| Variations with the observer position at spacings: |                  |      |      |      |      |                |      |      |      |      |
| S=1.0H   | +5.2/-1.\$       |      |      |      |      | +5.1/-1.\$     |      |      |      |      |
| S=1.5H   | +8.5/-1.\$       |      |      |      |      | +8.4/-1.\$     |      |      |      |      |
| S=2.0H   | +10.6/-1.\$      |      |      |      |      | +10.4/-1.\$    |      |      |      |      |

Calculate in accordance with CIE Pub.117. The table is revised with  $2187\text{lm}$  ( $8\log(F/F_0) = 2.7$ ).

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



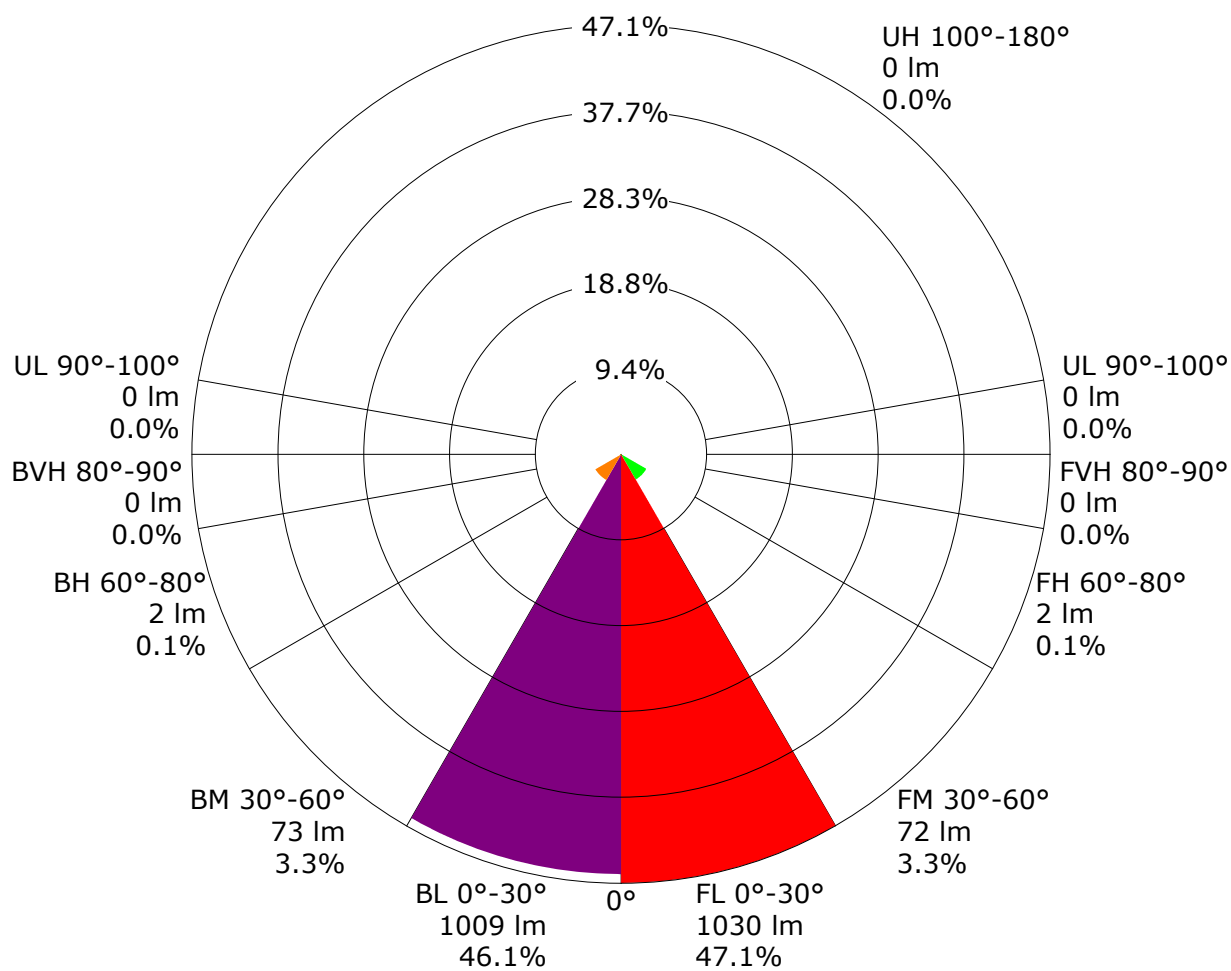
| ZONE           | LUMENS | % LAMP LUMENS |
|----------------|--------|---------------|
| FORWARD LIGHT  | 1104   | 50.5          |
| FL ( 0°-30°)   | 1030   | 47.1          |
| FM (30°-60°)   | 72     | 3.3           |
| FH (60°-80°)   | 2      | 0.1           |
| FVH (80°-90°)  | 0      | 0.0           |
| BACK LIGHT     | 1083   | 49.5          |
| BL ( 0°-30°)   | 1009   | 46.1          |
| BM (30°-60°)   | 73     | 3.3           |
| BH (60°-80°)   | 2      | 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<br>(Type I,II,III,IV)               | B3 U0 G0 |
| Quadrilateral Symmetrical Luminaire Types<br>(Type V,Area Light) | B3 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

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

| Gamma<br>[°] | I <sub>mean</sub><br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 0.0-1.0      | 16631.3                   | 15.9               | 15.9                   | 0.73                  | 0.73                      |
| 1.0-2.0      | 16313.1                   | 46.8               | 62.7                   | 2.14                  | 2.87                      |
| 2.0-3.0      | 15666.3                   | 74.9               | 137.7                  | 3.43                  | 6.30                      |
| 3.0-4.0      | 14756.1                   | 98.8               | 236.5                  | 4.52                  | 10.81                     |
| 4.0-5.0      | 13674.0                   | 117.6              | 354.1                  | 5.38                  | 16.19                     |
| 5.0-6.0      | 12392.9                   | 130.3              | 484.4                  | 5.96                  | 22.15                     |
| 6.0-7.0      | 11033.5                   | 137.0              | 621.3                  | 6.26                  | 28.41                     |
| 7.0-8.0      | 9689.1                    | 138.7              | 760.0                  | 6.34                  | 34.75                     |
| 8.0-9.0      | 8354.6                    | 135.4              | 895.4                  | 6.19                  | 40.95                     |
| 9.0-10.0     | 7114.7                    | 128.8              | 1024.2                 | 5.89                  | 46.84                     |
| 10.0-11.0    | 5953.0                    | 119.0              | 1143.2                 | 5.44                  | 52.28                     |
| 11.0-12.0    | 4913.4                    | 107.4              | 1250.6                 | 4.91                  | 57.19                     |
| 12.0-13.0    | 4050.4                    | 96.1               | 1346.7                 | 4.40                  | 61.58                     |
| 13.0-14.0    | 3299.5                    | 84.5               | 1431.2                 | 3.86                  | 65.45                     |
| 14.0-15.0    | 2686.8                    | 73.8               | 1505.0                 | 3.37                  | 68.82                     |
| 15.0-16.0    | 2215.7                    | 64.9               | 1569.9                 | 2.97                  | 71.79                     |
| 16.0-17.0    | 1851.7                    | 57.7               | 1627.6                 | 2.64                  | 74.43                     |
| 17.0-18.0    | 1585.0                    | 52.3               | 1679.9                 | 2.39                  | 76.82                     |
| 18.0-19.0    | 1372.0                    | 47.7               | 1727.6                 | 2.18                  | 79.00                     |
| 19.0-20.0    | 1195.1                    | 43.7               | 1771.3                 | 2.00                  | 81.00                     |
| 20.0-21.0    | 1046.8                    | 40.2               | 1811.5                 | 1.84                  | 82.84                     |
| 21.0-22.0    | 911.6                     | 36.6               | 1848.2                 | 1.68                  | 84.51                     |
| 22.0-23.0    | 792.6                     | 33.3               | 1881.4                 | 1.52                  | 86.04                     |
| 23.0-24.0    | 688.9                     | 30.1               | 1911.6                 | 1.38                  | 87.41                     |
| 24.0-25.0    | 597.4                     | 27.2               | 1938.7                 | 1.24                  | 88.65                     |
| 25.0-26.0    | 520.1                     | 24.6               | 1963.3                 | 1.12                  | 89.78                     |
| 26.0-27.0    | 450.3                     | 22.0               | 1985.3                 | 1.01                  | 90.79                     |
| 27.0-28.0    | 388.8                     | 19.7               | 2005.0                 | 0.90                  | 91.69                     |
| 28.0-29.0    | 336.7                     | 17.6               | 2022.6                 | 0.81                  | 92.49                     |
| 29.0-30.0    | 289.8                     | 15.6               | 2038.3                 | 0.72                  | 93.21                     |
| 30.0-31.0    | 250.1                     | 13.9               | 2052.2                 | 0.64                  | 93.84                     |
| 31.0-32.0    | 216.3                     | 12.4               | 2064.6                 | 0.57                  | 94.41                     |
| 32.0-33.0    | 187.6                     | 11.1               | 2075.6                 | 0.51                  | 94.92                     |
| 33.0-34.0    | 164.7                     | 10.0               | 2085.6                 | 0.46                  | 95.37                     |
| 34.0-35.0    | 144.9                     | 9.0                | 2094.6                 | 0.41                  | 95.78                     |
| 35.0-36.0    | 128.4                     | 8.2                | 2102.8                 | 0.37                  | 96.16                     |

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<br>[°] | I <sub>mean</sub><br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 36.0-37.0    | 115.5                     | 7.5                | 2110.3                 | 0.34                  | 96.50                     |
| 37.0-38.0    | 104.7                     | 7.0                | 2117.3                 | 0.32                  | 96.82                     |
| 38.0-39.0    | 95.8                      | 6.5                | 2123.8                 | 0.30                  | 97.12                     |
| 39.0-40.0    | 87.7                      | 6.1                | 2130.0                 | 0.28                  | 97.40                     |
| 40.0-41.0    | 80.1                      | 5.7                | 2135.7                 | 0.26                  | 97.66                     |
| 41.0-42.0    | 73.2                      | 5.3                | 2141.0                 | 0.24                  | 97.90                     |
| 42.0-43.0    | 66.4                      | 4.9                | 2145.9                 | 0.22                  | 98.13                     |
| 43.0-44.0    | 59.8                      | 4.5                | 2150.4                 | 0.21                  | 98.33                     |
| 44.0-45.0    | 53.7                      | 4.1                | 2154.5                 | 0.19                  | 98.52                     |
| 45.0-46.0    | 47.7                      | 3.7                | 2158.3                 | 0.17                  | 98.69                     |
| 46.0-47.0    | 42.4                      | 3.4                | 2161.6                 | 0.15                  | 98.85                     |
| 47.0-48.0    | 37.2                      | 3.0                | 2164.7                 | 0.14                  | 98.99                     |
| 48.0-49.0    | 32.4                      | 2.7                | 2167.3                 | 0.12                  | 99.11                     |
| 49.0-50.0    | 28.3                      | 2.4                | 2169.7                 | 0.11                  | 99.22                     |
| 50.0-51.0    | 24.5                      | 2.1                | 2171.7                 | 0.09                  | 99.31                     |
| 51.0-52.0    | 21.2                      | 1.8                | 2173.6                 | 0.08                  | 99.39                     |
| 52.0-53.0    | 18.6                      | 1.6                | 2175.2                 | 0.07                  | 99.47                     |
| 53.0-54.0    | 16.4                      | 1.4                | 2176.6                 | 0.07                  | 99.53                     |
| 54.0-55.0    | 14.6                      | 1.3                | 2177.9                 | 0.06                  | 99.59                     |
| 55.0-56.0    | 13.1                      | 1.2                | 2179.1                 | 0.05                  | 99.65                     |
| 56.0-57.0    | 11.7                      | 1.1                | 2180.2                 | 0.05                  | 99.70                     |
| 57.0-58.0    | 10.5                      | 1.0                | 2181.2                 | 0.04                  | 99.74                     |
| 58.0-59.0    | 9.6                       | 0.9                | 2182.0                 | 0.04                  | 99.78                     |
| 59.0-60.0    | 8.6                       | 0.8                | 2182.9                 | 0.04                  | 99.82                     |
| 60.0-61.0    | 7.7                       | 0.7                | 2183.6                 | 0.03                  | 99.85                     |
| 61.0-62.0    | 6.8                       | 0.7                | 2184.2                 | 0.03                  | 99.88                     |
| 62.0-63.0    | 5.9                       | 0.6                | 2184.8                 | 0.03                  | 99.91                     |
| 63.0-64.0    | 5.0                       | 0.5                | 2185.3                 | 0.02                  | 99.93                     |
| 64.0-65.0    | 4.2                       | 0.4                | 2185.7                 | 0.02                  | 99.95                     |
| 65.0-66.0    | 3.5                       | 0.3                | 2186.1                 | 0.02                  | 99.97                     |
| 66.0-67.0    | 2.7                       | 0.3                | 2186.3                 | 0.01                  | 99.98                     |
| 67.0-68.0    | 2.0                       | 0.2                | 2186.5                 | 0.01                  | 99.99                     |
| 68.0-69.0    | 1.4                       | 0.1                | 2186.7                 | 0.01                  | 99.99                     |
| 69.0-70.0    | 0.9                       | 0.1                | 2186.8                 | 0.00                  | 100.00                    |
| 70.0-71.0    | 0.4                       | 0.0                | 2186.8                 | 0.00                  | 100.00                    |
| 71.0-72.0    | 0.1                       | 0.0                | 2186.8                 | 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:



## 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  | 16809.2 | 16739.7 | 16762.2 | 16707.6 | 16727.4 | 16683.1 | 16691.2 | 16675.6 | 16672.2 | 16679.7 |
| G1.0  | 16349.6 | 16305.3 | 16352.3 | 16341.4 | 16404.1 | 16407.6 | 16481.9 | 16501.0 | 16576.0 | 16599.2 |
| G2.0  | 15606.3 | 15566.7 | 15690.8 | 15666.3 | 15819.7 | 15822.5 | 15961.6 | 16005.9 | 16160.7 | 16199.6 |
| G3.0  | 14560.8 | 14530.8 | 14649.5 | 14641.3 | 14851.4 | 14882.0 | 15118.0 | 15193.0 | 15405.8 | 15469.9 |
| G4.0  | 13423.4 | 13351.8 | 13548.2 | 13551.6 | 13793.0 | 13840.7 | 14119.6 | 14176.2 | 14432.0 | 14525.4 |
| G5.0  | 12109.3 | 12045.2 | 12256.6 | 12271.6 | 12540.9 | 12605.7 | 12913.3 | 12984.9 | 13330.6 | 13383.8 |
| G6.0  | 10616.5 | 10616.5 | 10844.9 | 10866.1 | 11150.5 | 11220.7 | 11549.4 | 11626.5 | 11937.4 | 12057.4 |
| G7.0  | 9313.3  | 9249.2  | 9484.5  | 9506.3  | 9803.6  | 9871.8  | 10208.7 | 10282.3 | 10666.3 | 10720.2 |
| G8.0  | 7996.5  | 7873.7  | 8224.2  | 8128.8  | 8543.4  | 8490.2  | 8887.1  | 8896.0  | 9335.8  | 9317.4  |
| G9.0  | 6709.6  | 6696.0  | 6868.5  | 6938.8  | 7173.4  | 7289.3  | 7563.4  | 7676.0  | 7986.2  | 8072.8  |
| G10.0 | 5594.7  | 5581.0  | 5785.6  | 5802.6  | 6070.7  | 6126.6  | 6433.5  | 6488.0  | 6774.4  | 6850.1  |
| G11.0 | 4564.3  | 4555.4  | 4689.0  | 4747.7  | 4983.6  | 5042.3  | 5266.6  | 5362.8  | 5613.1  | 5682.0  |
| G12.0 | 3760.2  | 3722.7  | 3867.3  | 3887.8  | 4084.8  | 4141.4  | 4369.9  | 4419.0  | 4631.1  | 4695.2  |
| G13.0 | 3060.6  | 3033.3  | 3149.2  | 3171.0  | 3329.3  | 3379.7  | 3600.7  | 3610.9  | 3824.3  | 3845.5  |
| G14.0 | 2478.9  | 2459.8  | 2547.1  | 2563.4  | 2687.5  | 2729.8  | 2879.2  | 2916.0  | 3056.5  | 3102.8  |
| G15.0 | 2050.6  | 2034.2  | 2101.1  | 2110.6  | 2206.8  | 2238.8  | 2355.4  | 2403.2  | 2516.4  | 2530.0  |
| G16.0 | 1715.8  | 1700.1  | 1749.2  | 1754.6  | 1826.9  | 1848.1  | 1936.0  | 1952.4  | 2037.0  | 2064.2  |
| G17.0 | 1473.7  | 1470.9  | 1510.5  | 1512.6  | 1558.2  | 1584.2  | 1638.7  | 1661.9  | 1725.3  | 1745.1  |
| G18.0 | 1289.6  | 1280.0  | 1316.2  | 1317.5  | 1366.6  | 1374.8  | 1428.7  | 1436.8  | 1486.6  | 1499.6  |
| G19.0 | 1114.3  | 1113.6  | 1145.7  | 1148.4  | 1193.4  | 1202.3  | 1238.4  | 1252.1  | 1290.2  | 1302.5  |
| G20.0 | 980.0   | 973.8   | 1001.1  | 1007.2  | 1046.8  | 1058.4  | 1093.8  | 1098.6  | 1128.6  | 1140.2  |
| G21.0 | 858.6   | 845.6   | 877.7   | 868.1   | 922.0   | 922.0   | 965.0   | 955.4   | 992.9   | 988.1   |
| G22.0 | 737.9   | 736.5   | 754.9   | 761.7   | 795.8   | 806.1   | 834.7   | 832.0   | 860.6   | 859.3   |
| G23.0 | 645.8   | 645.8   | 660.8   | 666.9   | 699.0   | 707.9   | 733.8   | 729.0   | 748.8   | 750.8   |
| G24.0 | 554.4   | 554.4   | 570.8   | 572.2   | 604.9   | 610.3   | 632.2   | 626.7   | 646.5   | 643.8   |
| G25.0 | 486.2   | 484.9   | 495.8   | 499.9   | 527.1   | 534.0   | 553.7   | 548.3   | 561.2   | 562.6   |
| G26.0 | 421.4   | 423.5   | 429.6   | 432.4   | 459.6   | 463.7   | 482.8   | 476.0   | 489.6   | 491.7   |
| G27.0 | 362.1   | 361.4   | 368.3   | 371.7   | 392.1   | 396.9   | 411.9   | 407.8   | 419.4   | 420.1   |
| G28.0 | 313.7   | 314.4   | 317.8   | 322.6   | 339.6   | 345.1   | 358.0   | 353.9   | 364.2   | 365.5   |
| G29.0 | 273.5   | 268.7   | 276.2   | 274.8   | 293.2   | 293.2   | 308.2   | 300.7   | 315.7   | 311.0   |
| G30.0 | 233.2   | 233.2   | 236.6   | 239.4   | 250.3   | 252.3   | 263.2   | 260.5   | 269.4   | 270.7   |
| G31.0 | 203.9   | 202.5   | 205.3   | 207.3   | 217.5   | 219.6   | 227.1   | 225.7   | 233.9   | 233.9   |
| G32.0 | 175.9   | 175.3   | 177.3   | 177.3   | 186.2   | 189.6   | 195.0   | 194.4   | 199.8   | 201.2   |
| G33.0 | 153.4   | 153.4   | 154.1   | 154.8   | 162.3   | 165.7   | 169.8   | 168.4   | 175.3   | 174.6   |
| G34.0 | 135.7   | 135.7   | 135.7   | 137.1   | 143.2   | 147.3   | 150.0   | 148.0   | 153.4   | 153.4   |
| G35.0 | 118.7   | 118.7   | 120.0   | 119.3   | 126.2   | 128.9   | 131.6   | 130.3   | 133.0   | 133.7   |
| G36.0 | 107.1   | 107.1   | 107.1   | 107.1   | 113.2   | 115.3   | 118.0   | 115.9   | 118.0   | 118.7   |

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:

## Candlepower Table (Continue 1)

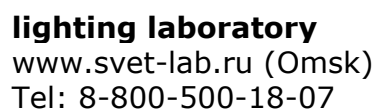
Unit: cd

| G\C   | C0.0 | C10.0 | C20.0 | C30.0 | C40.0 | C50.0 | C60.0 | C70.0 | C80.0 | C90.0 |
|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| G37.0 | 97.5 | 96.2  | 96.8  | 97.5  | 102.3 | 103.7 | 107.1 | 103.7 | 105.7 | 104.3 |
| G38.0 | 88.0 | 88.7  | 88.0  | 88.7  | 92.1  | 93.4  | 95.5  | 94.1  | 95.5  | 95.5  |
| G39.0 | 81.2 | 81.8  | 81.2  | 81.8  | 85.2  | 85.9  | 87.3  | 85.2  | 87.3  | 87.3  |
| G40.0 | 73.7 | 74.3  | 73.0  | 75.7  | 77.1  | 77.7  | 79.8  | 77.1  | 80.5  | 79.8  |
| G41.0 | 66.8 | 68.9  | 66.2  | 68.2  | 70.2  | 71.6  | 72.3  | 70.9  | 73.7  | 73.0  |
| G42.0 | 60.7 | 62.1  | 59.3  | 63.4  | 64.1  | 66.2  | 67.5  | 64.8  | 68.2  | 66.2  |
| G43.0 | 55.2 | 55.9  | 55.9  | 55.9  | 58.7  | 58.0  | 60.7  | 58.7  | 61.4  | 60.7  |
| G44.0 | 49.1 | 50.5  | 50.5  | 50.5  | 52.5  | 53.2  | 54.6  | 53.2  | 55.9  | 53.9  |
| G45.0 | 44.3 | 45.0  | 45.0  | 46.4  | 47.7  | 47.7  | 49.1  | 47.7  | 50.5  | 48.4  |
| G46.0 | 38.9 | 40.9  | 40.2  | 40.9  | 42.3  | 43.0  | 43.6  | 43.0  | 45.7  | 43.6  |
| G47.0 | 34.8 | 35.5  | 34.8  | 35.5  | 36.8  | 37.5  | 38.9  | 38.2  | 40.2  | 39.5  |
| G48.0 | 29.3 | 30.7  | 30.7  | 31.4  | 32.7  | 33.4  | 34.1  | 32.7  | 35.5  | 34.1  |
| G49.0 | 25.2 | 26.6  | 26.6  | 26.6  | 29.3  | 29.3  | 29.3  | 28.6  | 31.4  | 29.3  |
| G50.0 | 22.5 | 23.9  | 23.2  | 23.9  | 25.2  | 25.2  | 25.2  | 25.2  | 28.0  | 25.2  |
| G51.0 | 18.4 | 21.1  | 20.5  | 20.5  | 21.8  | 21.8  | 21.8  | 21.8  | 23.9  | 22.5  |
| G52.0 | 15.7 | 18.4  | 17.7  | 18.4  | 19.1  | 19.8  | 17.7  | 19.1  | 20.5  | 19.1  |
| G53.0 | 13.6 | 16.4  | 16.4  | 16.4  | 17.0  | 17.0  | 15.7  | 16.4  | 17.7  | 17.0  |
| G54.0 | 13.6 | 15.0  | 13.6  | 14.3  | 15.0  | 15.7  | 13.6  | 15.0  | 17.0  | 15.0  |
| G55.0 | 11.6 | 13.6  | 12.3  | 13.0  | 13.6  | 15.0  | 12.3  | 13.6  | 14.3  | 13.0  |
| G56.0 | 10.9 | 12.3  | 10.2  | 11.6  | 12.3  | 13.0  | 10.9  | 11.6  | 13.0  | 11.6  |
| G57.0 | 9.6  | 10.9  | 9.6   | 10.9  | 10.9  | 12.3  | 8.9   | 10.9  | 10.9  | 10.9  |
| G58.0 | 8.2  | 9.6   | 8.9   | 9.6   | 8.9   | 11.6  | 10.2  | 10.2  | 10.2  | 9.6   |
| G59.0 | 8.2  | 8.9   | 6.8   | 8.2   | 8.2   | 10.2  | 8.9   | 9.6   | 9.6   | 8.2   |
| G60.0 | 7.5  | 8.2   | 6.1   | 7.5   | 7.5   | 8.9   | 7.5   | 8.9   | 8.9   | 8.2   |
| G61.0 | 6.8  | 6.8   | 5.5   | 6.8   | 6.1   | 8.2   | 6.8   | 6.8   | 8.2   | 7.5   |
| G62.0 | 5.5  | 6.1   | 4.8   | 6.1   | 5.5   | 6.8   | 6.1   | 6.8   | 7.5   | 6.8   |
| G63.0 | 4.8  | 5.5   | 4.1   | 4.8   | 4.8   | 5.5   | 4.8   | 6.8   | 6.1   | 5.5   |
| G64.0 | 4.1  | 4.8   | 4.1   | 4.1   | 4.1   | 4.8   | 3.4   | 5.5   | 5.5   | 4.8   |
| G65.0 | 2.7  | 4.1   | 2.7   | 4.8   | 2.7   | 4.8   | 2.7   | 4.8   | 4.8   | 4.1   |
| G66.0 | 2.7  | 2.7   | 2.7   | 3.4   | 2.0   | 4.1   | 2.0   | 4.1   | 4.8   | 4.1   |
| G67.0 | 2.0  | 2.7   | 1.4   | 2.0   | 0.7   | 2.7   | 1.4   | 3.4   | 3.4   | 3.4   |
| G68.0 | 2.0  | 2.0   | 1.4   | 2.0   | 0.7   | 2.0   | 0.7   | 2.7   | 2.7   | 2.0   |
| G69.0 | 1.4  | 1.4   | 0.0   | 2.0   | 0.0   | 2.0   | 0.0   | 2.0   | 1.4   | 2.0   |
| G70.0 | 0.0  | 0.0   | 0.0   | 1.4   | 0.0   | 1.4   | 0.0   | 0.7   | 0.7   | 0.7   |
| G71.0 | 0.0  | 0.0   | 0.0   | 1.4   | 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:



[illegible]

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  | 16662.6 | 16697.4 | 16673.5 | 16723.3 | 16704.2 | 16752.6 | 16726.7 | 16772.4 | 16809.2 | 16739.7 |
| G1.0  | 16666.7 | 16683.1 | 16668.1 | 16679.0 | 16728.8 | 16749.2 | 16796.3 | 16810.6 | 16923.8 | 16876.1 |
| G2.0  | 16336.0 | 16353.7 | 16350.3 | 16344.1 | 16438.2 | 16429.4 | 16527.6 | 16536.4 | 16721.9 | 16673.5 |
| G3.0  | 15671.7 | 15692.2 | 15645.8 | 15622.6 | 15754.3 | 15771.3 | 15905.0 | 15873.6 | 16140.2 | 16084.3 |
| G4.0  | 14767.5 | 14791.3 | 14776.3 | 14741.6 | 14890.2 | 14863.0 | 15023.9 | 15026.6 | 15354.0 | 15285.1 |
| G5.0  | 13713.2 | 13688.0 | 13713.9 | 13615.0 | 13775.9 | 13796.4 | 13973.0 | 13918.5 | 14292.8 | 14224.7 |
| G6.0  | 12356.8 | 12379.3 | 12345.9 | 12225.2 | 12457.1 | 12402.5 | 12596.8 | 12587.3 | 12999.2 | 12936.5 |
| G7.0  | 11090.4 | 11043.4 | 11014.1 | 10935.6 | 11109.5 | 11102.7 | 11310.0 | 11226.2 | 11660.5 | 11604.6 |
| G8.0  | 9747.0  | 9627.0  | 9723.8  | 9451.0  | 9809.8  | 9612.7  | 9938.6  | 9781.8  | 10223.0 | 10293.9 |
| G9.0  | 8371.5  | 8307.4  | 8284.9  | 8190.1  | 8420.6  | 8340.8  | 8536.6  | 8497.0  | 8932.8  | 8821.6  |
| G10.0 | 7131.1  | 7117.4  | 7099.0  | 7007.0  | 7167.9  | 7091.5  | 7268.8  | 7226.5  | 7641.2  | 7587.3  |
| G11.0 | 5929.5  | 5924.0  | 5901.5  | 5771.3  | 5910.4  | 5892.0  | 6044.1  | 5958.8  | 6394.6  | 6335.9  |
| G12.0 | 4905.2  | 4905.9  | 4880.0  | 4815.9  | 4934.5  | 4874.5  | 5045.0  | 4975.5  | 5319.8  | 5266.6  |
| G13.0 | 4054.8  | 4022.1  | 4034.4  | 3947.1  | 4080.8  | 4029.6  | 4135.3  | 4080.8  | 4379.4  | 4374.7  |
| G14.0 | 3241.3  | 3246.7  | 3222.9  | 3186.0  | 3262.4  | 3225.6  | 3341.5  | 3266.5  | 3551.6  | 3550.9  |
| G15.0 | 2665.0  | 2643.9  | 2648.0  | 2594.1  | 2680.7  | 2629.6  | 2726.4  | 2692.3  | 2931.7  | 2912.6  |
| G16.0 | 2148.1  | 2149.5  | 2136.5  | 2110.6  | 2163.1  | 2142.7  | 2222.4  | 2199.9  | 2395.0  | 2425.7  |
| G17.0 | 1810.6  | 1809.9  | 1801.7  | 1766.2  | 1822.2  | 1807.2  | 1858.3  | 1858.3  | 2005.6  | 2001.5  |
| G18.0 | 1551.4  | 1548.7  | 1543.2  | 1523.5  | 1557.6  | 1546.7  | 1599.8  | 1591.0  | 1726.7  | 1726.0  |
| G19.0 | 1344.1  | 1342.8  | 1334.6  | 1318.2  | 1346.2  | 1336.6  | 1374.1  | 1377.5  | 1480.5  | 1492.1  |
| G20.0 | 1181.8  | 1175.0  | 1165.4  | 1151.8  | 1178.4  | 1168.2  | 1209.8  | 1205.0  | 1301.2  | 1304.6  |
| G21.0 | 1032.5  | 1019.5  | 1023.6  | 999.7   | 1034.5  | 1016.1  | 1057.7  | 1039.3  | 1144.3  | 1145.0  |
| G22.0 | 894.0   | 887.2   | 885.8   | 871.5   | 890.6   | 886.5   | 915.8   | 913.1   | 990.9   | 988.8   |
| G23.0 | 776.7   | 774.7   | 767.9   | 758.3   | 779.5   | 776.7   | 801.3   | 799.9   | 860.6   | 859.3   |
| G24.0 | 669.7   | 662.8   | 661.5   | 654.7   | 671.0   | 667.6   | 686.7   | 685.3   | 742.0   | 750.8   |
| G25.0 | 581.0   | 579.7   | 575.6   | 572.8   | 587.8   | 584.4   | 598.1   | 594.7   | 641.7   | 644.4   |
| G26.0 | 507.4   | 502.6   | 501.9   | 497.8   | 510.8   | 510.8   | 523.0   | 519.0   | 560.6   | 562.6   |
| G27.0 | 435.1   | 433.0   | 431.7   | 428.9   | 441.2   | 437.1   | 450.1   | 446.0   | 483.5   | 484.9   |
| G28.0 | 378.5   | 374.4   | 373.7   | 371.0   | 386.0   | 380.5   | 390.8   | 386.0   | 418.0   | 419.4   |
| G29.0 | 326.6   | 322.6   | 322.6   | 319.1   | 332.8   | 323.9   | 340.3   | 331.4   | 364.2   | 365.5   |
| G30.0 | 280.3   | 279.6   | 276.9   | 278.2   | 286.4   | 282.3   | 289.8   | 288.5   | 309.6   | 311.6   |
| G31.0 | 244.1   | 242.8   | 241.4   | 241.4   | 248.2   | 244.8   | 251.6   | 248.9   | 267.3   | 270.7   |
| G32.0 | 208.0   | 207.3   | 207.3   | 207.3   | 214.1   | 211.4   | 216.2   | 213.4   | 229.8   | 231.9   |
| G33.0 | 182.1   | 182.1   | 180.7   | 182.8   | 187.5   | 184.8   | 188.2   | 186.2   | 200.5   | 201.9   |
| G34.0 | 159.6   | 160.3   | 158.2   | 162.3   | 167.1   | 164.4   | 165.7   | 163.0   | 174.6   | 175.9   |
| G35.0 | 137.8   | 138.4   | 139.8   | 142.5   | 148.7   | 144.6   | 145.3   | 141.2   | 151.4   | 154.8   |
| G36.0 | 122.1   | 123.4   | 123.4   | 128.2   | 133.7   | 130.9   | 130.9   | 126.8   | 134.3   | 136.4   |

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 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 | 109.8  | 109.1  | 111.8  | 117.3  | 123.4  | 120.7  | 120.0  | 112.5  | 120.7  | 122.1  |
| G38.0 | 98.9   | 99.6   | 100.9  | 107.1  | 113.9  | 112.5  | 109.8  | 103.0  | 109.1  | 109.1  |
| G39.0 | 90.7   | 90.7   | 92.1   | 99.6   | 107.1  | 107.1  | 100.9  | 94.1   | 99.6   | 100.3  |
| G40.0 | 82.5   | 82.5   | 83.9   | 89.3   | 99.6   | 100.3  | 92.1   | 85.2   | 90.7   | 90.0   |
| G41.0 | 75.7   | 76.4   | 76.4   | 81.2   | 92.7   | 94.1   | 83.9   | 79.1   | 83.9   | 83.2   |
| G42.0 | 68.9   | 68.2   | 70.2   | 74.3   | 85.9   | 85.2   | 76.4   | 72.3   | 75.0   | 76.4   |
| G43.0 | 62.7   | 61.4   | 63.4   | 67.5   | 79.8   | 75.7   | 68.2   | 65.5   | 68.2   | 68.2   |
| G44.0 | 56.6   | 55.2   | 58.0   | 60.0   | 70.9   | 66.8   | 61.4   | 59.3   | 62.1   | 62.1   |
| G45.0 | 50.5   | 49.8   | 51.8   | 53.2   | 62.1   | 57.3   | 54.6   | 52.5   | 55.9   | 55.2   |
| G46.0 | 45.7   | 44.3   | 45.7   | 47.0   | 53.9   | 49.8   | 47.7   | 46.4   | 49.8   | 50.5   |
| G47.0 | 40.9   | 39.5   | 40.9   | 41.6   | 47.7   | 44.3   | 42.3   | 42.3   | 44.3   | 45.7   |
| G48.0 | 36.1   | 34.1   | 36.1   | 35.5   | 40.2   | 37.5   | 37.5   | 36.1   | 38.9   | 40.2   |
| G49.0 | 32.0   | 30.7   | 31.4   | 31.4   | 35.5   | 32.7   | 32.0   | 31.4   | 34.8   | 35.5   |
| G50.0 | 28.0   | 25.9   | 27.3   | 28.0   | 30.7   | 28.6   | 28.6   | 28.0   | 30.0   | 30.7   |
| G51.0 | 23.9   | 21.8   | 23.2   | 23.9   | 25.9   | 25.2   | 24.5   | 23.9   | 25.9   | 26.6   |
| G52.0 | 20.5   | 19.1   | 20.5   | 20.5   | 23.2   | 21.8   | 21.1   | 21.1   | 23.2   | 22.5   |
| G53.0 | 18.4   | 17.7   | 18.4   | 18.4   | 20.5   | 19.1   | 19.1   | 17.7   | 19.8   | 20.5   |
| G54.0 | 16.4   | 15.0   | 16.4   | 17.0   | 18.4   | 17.0   | 16.4   | 15.0   | 17.7   | 17.7   |
| G55.0 | 15.0   | 13.6   | 14.3   | 14.3   | 16.4   | 15.0   | 15.7   | 13.6   | 15.7   | 16.4   |
| G56.0 | 12.3   | 11.6   | 13.0   | 13.0   | 14.3   | 13.6   | 13.6   | 12.3   | 13.6   | 14.3   |
| G57.0 | 11.6   | 10.9   | 11.6   | 11.6   | 13.6   | 11.6   | 12.3   | 10.9   | 12.3   | 13.6   |
| G58.0 | 9.6    | 9.6    | 10.9   | 10.9   | 11.6   | 10.9   | 10.9   | 9.6    | 10.9   | 12.3   |
| G59.0 | 8.9    | 8.9    | 9.6    | 9.6    | 10.2   | 9.6    | 10.9   | 8.9    | 10.2   | 11.6   |
| G60.0 | 7.5    | 7.5    | 8.9    | 8.2    | 10.2   | 8.2    | 8.9    | 8.2    | 9.6    | 10.9   |
| G61.0 | 6.8    | 6.1    | 8.2    | 7.5    | 8.9    | 7.5    | 7.5    | 6.8    | 8.9    | 9.6    |
| G62.0 | 6.8    | 5.5    | 6.8    | 6.1    | 8.9    | 6.1    | 7.5    | 5.5    | 7.5    | 8.2    |
| G63.0 | 6.1    | 4.8    | 6.1    | 5.5    | 8.9    | 5.5    | 6.8    | 4.8    | 7.5    | 7.5    |
| G64.0 | 5.5    | 4.1    | 4.8    | 5.5    | 6.8    | 4.1    | 5.5    | 3.4    | 6.1    | 6.1    |
| G65.0 | 4.8    | 3.4    | 4.1    | 4.1    | 6.8    | 4.1    | 5.5    | 3.4    | 4.8    | 6.1    |
| G66.0 | 4.1    | 2.0    | 2.7    | 2.7    | 5.5    | 3.4    | 4.1    | 2.7    | 4.8    | 4.8    |
| G67.0 | 3.4    | 1.4    | 2.0    | 2.0    | 4.8    | 2.7    | 3.4    | 2.0    | 4.1    | 2.7    |
| G68.0 | 2.7    | 0.7    | 1.4    | 0.7    | 3.4    | 2.7    | 2.0    | 1.4    | 2.7    | 2.0    |
| G69.0 | 2.0    | 0.0    | 0.7    | 0.7    | 2.0    | 1.4    | 1.4    | 0.7    | 2.0    | 2.0    |
| G70.0 | 1.4    | 0.0    | 1.4    | 0.0    | 1.4    | 0.7    | 1.4    | 0.0    | 2.0    | 0.7    |
| G71.0 | 0.7    | 0.0    | 0.7    | 0.0    | 0.7    | 0.0    | 0.7    | 0.0    | 0.7    | 0.7    |
| 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:



## 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  | 16762.2 | 16707.6 | 16727.4 | 16683.1 | 16691.2 | 16675.6 | 16672.2 | 16679.7 | 16662.6 | 16697.4 |
| G1.0  | 16809.9 | 16766.3 | 16689.9 | 16634.6 | 16556.2 | 16520.8 | 16437.6 | 16421.9 | 16336.6 | 16385.1 |
| G2.0  | 16534.4 | 16486.7 | 16336.0 | 16273.2 | 16130.0 | 16071.3 | 15923.4 | 15893.4 | 15746.1 | 15767.2 |
| G3.0  | 15912.5 | 15849.7 | 15630.1 | 15553.1 | 15313.7 | 15229.2 | 15060.7 | 14968.7 | 14765.4 | 14834.3 |
| G4.0  | 15027.3 | 14953.0 | 14680.9 | 14586.8 | 14301.7 | 14246.5 | 13998.3 | 13934.8 | 13696.2 | 13711.8 |
| G5.0  | 13977.8 | 13893.9 | 13576.8 | 13482.0 | 13151.3 | 13050.3 | 12766.0 | 12759.2 | 12488.4 | 12504.1 |
| G6.0  | 12596.8 | 12523.2 | 12169.3 | 12076.5 | 11721.9 | 11679.0 | 11378.9 | 11316.2 | 11028.4 | 11048.2 |
| G7.0  | 11310.0 | 11242.5 | 10873.6 | 10726.3 | 10420.1 | 10328.7 | 10017.1 | 9965.9  | 9731.3  | 9755.9  |
| G8.0  | 9821.3  | 9880.7  | 9451.7  | 9436.7  | 9012.6  | 9041.9  | 8621.8  | 8691.4  | 8290.4  | 8433.6  |
| G9.0  | 8548.8  | 8486.8  | 8139.7  | 8006.7  | 7727.1  | 7694.4  | 7411.4  | 7361.6  | 7101.1  | 7120.9  |
| G10.0 | 7341.8  | 7220.4  | 6962.0  | 6836.5  | 6583.5  | 6493.5  | 6286.8  | 6182.5  | 5949.3  | 5960.9  |
| G11.0 | 6073.4  | 6013.4  | 5741.3  | 5673.1  | 5405.1  | 5362.1  | 5139.8  | 5082.5  | 4883.4  | 4887.5  |
| G12.0 | 5081.8  | 4985.0  | 4796.1  | 4689.0  | 4500.1  | 4417.6  | 4228.0  | 4174.2  | 4041.2  | 4041.2  |
| G13.0 | 4180.3  | 4133.9  | 3945.0  | 3885.7  | 3693.4  | 3651.8  | 3494.3  | 3445.2  | 3302.0  | 3295.8  |
| G14.0 | 3390.6  | 3355.2  | 3202.4  | 3156.7  | 2998.5  | 2939.2  | 2809.6  | 2797.3  | 2655.5  | 2671.2  |
| G15.0 | 2803.5  | 2756.4  | 2632.3  | 2600.9  | 2494.6  | 2448.9  | 2343.8  | 2313.8  | 2217.7  | 2206.8  |
| G16.0 | 2282.5  | 2287.2  | 2173.4  | 2186.3  | 2054.7  | 2067.6  | 1952.4  | 1943.5  | 1851.5  | 1868.5  |
| G17.0 | 1940.1  | 1915.6  | 1856.9  | 1829.7  | 1766.9  | 1739.0  | 1683.7  | 1649.6  | 1598.5  | 1588.3  |
| G18.0 | 1668.0  | 1659.8  | 1602.6  | 1591.7  | 1540.5  | 1514.6  | 1460.0  | 1439.6  | 1389.8  | 1376.8  |
| G19.0 | 1441.6  | 1429.3  | 1388.4  | 1380.3  | 1327.7  | 1305.2  | 1265.7  | 1242.5  | 1205.0  | 1192.0  |
| G20.0 | 1268.4  | 1258.2  | 1222.7  | 1207.0  | 1166.1  | 1147.0  | 1103.4  | 1090.4  | 1050.9  | 1040.0  |
| G21.0 | 1108.2  | 1104.8  | 1070.7  | 1063.2  | 1025.6  | 1005.9  | 965.6   | 955.4   | 921.3   | 911.8   |
| G22.0 | 958.8   | 954.7   | 930.2   | 919.9   | 884.5   | 866.8   | 833.3   | 825.2   | 794.5   | 788.3   |
| G23.0 | 837.4   | 828.6   | 815.6   | 801.3   | 775.4   | 753.5   | 723.5   | 716.7   | 690.1   | 684.7   |
| G24.0 | 716.7   | 724.9   | 699.0   | 701.0   | 670.3   | 659.4   | 625.3   | 628.8   | 596.7   | 599.4   |
| G25.0 | 625.3   | 621.9   | 611.7   | 603.5   | 583.7   | 566.0   | 546.9   | 543.5   | 521.7   | 517.6   |
| G26.0 | 545.5   | 543.5   | 534.6   | 527.8   | 510.8   | 496.5   | 474.6   | 473.3   | 453.5   | 449.4   |
| G27.0 | 466.5   | 469.9   | 456.9   | 454.9   | 439.2   | 427.6   | 408.5   | 407.8   | 390.8   | 386.7   |
| G28.0 | 406.4   | 405.8   | 396.9   | 392.8   | 379.2   | 368.9   | 356.7   | 355.3   | 341.6   | 335.5   |
| G29.0 | 351.2   | 352.6   | 343.7   | 341.0   | 329.4   | 321.9   | 308.2   | 307.6   | 295.3   | 291.9   |
| G30.0 | 299.4   | 300.0   | 291.9   | 291.2   | 278.9   | 273.5   | 263.2   | 262.5   | 253.7   | 250.3   |
| G31.0 | 260.5   | 260.5   | 254.4   | 253.0   | 242.1   | 238.7   | 229.8   | 228.4   | 222.3   | 218.9   |
| G32.0 | 223.7   | 223.0   | 218.2   | 217.5   | 208.7   | 204.6   | 197.1   | 196.4   | 190.9   | 188.9   |
| G33.0 | 193.0   | 195.0   | 190.3   | 190.3   | 182.1   | 179.4   | 172.5   | 172.5   | 168.4   | 166.4   |
| G34.0 | 169.1   | 170.5   | 167.1   | 167.1   | 161.6   | 157.5   | 152.1   | 151.4   | 148.0   | 147.3   |
| G35.0 | 148.0   | 148.7   | 148.0   | 148.0   | 141.8   | 139.1   | 133.7   | 133.7   | 130.9   | 128.9   |
| G36.0 | 130.9   | 131.6   | 133.0   | 133.7   | 127.5   | 124.8   | 120.0   | 120.0   | 117.3   | 116.6   |

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:

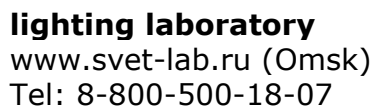
## Candlepower Table (Continue 7)

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 | 115.9  | 119.3  | 120.0  | 121.4  | 114.6  | 113.2  | 107.8  | 107.8  | 106.4  | 106.4  |
| G38.0 | 105.0  | 107.8  | 109.1  | 109.1  | 105.0  | 103.0  | 98.9   | 99.6   | 98.2   | 96.2   |
| G39.0 | 96.2   | 98.2   | 100.3  | 100.3  | 96.8   | 94.8   | 91.4   | 92.1   | 90.0   | 88.7   |
| G40.0 | 88.0   | 88.7   | 90.7   | 91.4   | 88.0   | 85.9   | 83.2   | 83.9   | 80.5   | 80.5   |
| G41.0 | 80.5   | 81.2   | 83.9   | 82.5   | 80.5   | 78.4   | 77.1   | 75.7   | 75.0   | 73.0   |
| G42.0 | 73.7   | 75.0   | 75.0   | 75.7   | 73.0   | 72.3   | 69.6   | 69.6   | 68.2   | 66.2   |
| G43.0 | 66.2   | 67.5   | 68.9   | 67.5   | 66.2   | 64.8   | 62.1   | 62.1   | 60.7   | 59.3   |
| G44.0 | 60.0   | 60.7   | 61.4   | 62.1   | 60.7   | 58.7   | 56.6   | 55.9   | 55.2   | 53.9   |
| G45.0 | 53.9   | 55.2   | 54.6   | 55.2   | 53.2   | 52.5   | 49.8   | 50.5   | 47.7   | 47.7   |
| G46.0 | 47.0   | 49.1   | 49.1   | 49.1   | 47.7   | 46.4   | 45.0   | 44.3   | 43.0   | 41.6   |
| G47.0 | 42.3   | 44.3   | 43.6   | 43.0   | 42.3   | 40.9   | 38.9   | 39.5   | 37.5   | 36.8   |
| G48.0 | 38.2   | 38.2   | 37.5   | 37.5   | 36.1   | 36.1   | 33.4   | 34.8   | 32.0   | 32.0   |
| G49.0 | 33.4   | 34.1   | 32.7   | 32.7   | 30.7   | 31.4   | 29.3   | 29.3   | 27.3   | 27.3   |
| G50.0 | 28.6   | 30.0   | 28.6   | 28.6   | 28.0   | 27.3   | 25.9   | 25.9   | 23.9   | 23.9   |
| G51.0 | 24.5   | 25.2   | 25.2   | 24.5   | 23.2   | 23.2   | 22.5   | 22.5   | 21.1   | 20.5   |
| G52.0 | 21.8   | 21.8   | 21.8   | 21.1   | 20.5   | 21.1   | 19.8   | 19.1   | 19.1   | 18.4   |
| G53.0 | 19.1   | 18.4   | 18.4   | 17.7   | 17.7   | 18.4   | 17.0   | 17.7   | 17.0   | 15.7   |
| G54.0 | 16.4   | 16.4   | 17.0   | 16.4   | 15.7   | 16.4   | 15.0   | 16.4   | 15.0   | 14.3   |
| G55.0 | 14.3   | 14.3   | 15.7   | 15.0   | 14.3   | 14.3   | 13.6   | 14.3   | 13.0   | 11.6   |
| G56.0 | 13.0   | 13.6   | 14.3   | 13.6   | 13.0   | 13.6   | 13.0   | 13.0   | 11.6   | 10.9   |
| G57.0 | 10.9   | 12.3   | 12.3   | 12.3   | 10.9   | 13.0   | 10.9   | 11.6   | 10.9   | 9.6    |
| G58.0 | 9.6    | 10.9   | 11.6   | 10.9   | 10.2   | 11.6   | 10.2   | 10.9   | 10.2   | 8.9    |
| G59.0 | 9.6    | 10.2   | 10.2   | 10.2   | 10.2   | 10.9   | 9.6    | 10.2   | 8.9    | 8.2    |
| G60.0 | 8.2    | 8.9    | 8.2    | 10.2   | 8.2    | 9.6    | 8.2    | 8.9    | 8.2    | 7.5    |
| G61.0 | 6.8    | 7.5    | 8.2    | 8.9    | 8.2    | 8.9    | 6.8    | 8.2    | 6.8    | 6.8    |
| G62.0 | 6.8    | 7.5    | 6.8    | 8.9    | 5.5    | 8.2    | 6.1    | 7.5    | 6.1    | 5.5    |
| G63.0 | 5.5    | 6.1    | 6.1    | 6.8    | 4.1    | 6.8    | 4.8    | 6.8    | 4.8    | 4.1    |
| G64.0 | 4.1    | 5.5    | 5.5    | 6.8    | 3.4    | 6.1    | 4.1    | 4.8    | 4.1    | 3.4    |
| G65.0 | 3.4    | 4.8    | 4.8    | 5.5    | 3.4    | 5.5    | 3.4    | 4.8    | 4.1    | 2.7    |
| G66.0 | 2.7    | 4.8    | 4.1    | 5.5    | 2.0    | 4.1    | 2.0    | 4.1    | 3.4    | 1.4    |
| G67.0 | 2.0    | 3.4    | 3.4    | 3.4    | 0.7    | 3.4    | 1.4    | 3.4    | 2.7    | 1.4    |
| G68.0 | 1.4    | 2.7    | 2.0    | 2.7    | 0.0    | 2.0    | 1.4    | 2.7    | 2.0    | 0.7    |
| G69.0 | 1.4    | 2.0    | 0.7    | 2.0    | 0.0    | 2.0    | 0.7    | 2.0    | 0.0    | 0.0    |
| G70.0 | 1.4    | 2.0    | 0.7    | 1.4    | 0.0    | 1.4    | 0.0    | 1.4    | 0.7    | 0.0    |
| G71.0 | 0.0    | 0.7    | 0.0    | 0.7    | 0.0    | 0.7    | 0.0    | 0.7    | 0.0    | 0.0    |
| G72.0 | 0.0    | 0.0    | 0.0    | 0.7    | 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:

[illegible]

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  | 16673.5 | 16723.3 | 16704.2 | 16752.6 | 16726.7 | 16772.4 | 16809.2 |  |  |  |
| G1.0  | 16370.7 | 16425.3 | 16372.8 | 16392.6 | 16328.5 | 16385.7 | 16349.6 |  |  |  |
| G2.0  | 15754.3 | 15821.8 | 15721.5 | 15770.6 | 15671.0 | 15699.7 | 15606.3 |  |  |  |
| G3.0  | 14821.3 | 14897.7 | 14763.4 | 14770.2 | 14627.7 | 14701.3 | 14560.8 |  |  |  |
| G4.0  | 13705.7 | 13785.5 | 13627.3 | 13683.9 | 13517.5 | 13540.7 | 13423.4 |  |  |  |
| G5.0  | 12500.7 | 12590.7 | 12412.0 | 12411.4 | 12221.1 | 12308.4 | 12109.3 |  |  |  |
| G6.0  | 11035.2 | 11134.1 | 10937.0 | 11007.9 | 10792.4 | 10825.8 | 10616.5 |  |  |  |
| G7.0  | 9740.2  | 9842.5  | 9634.5  | 9642.7  | 9483.8  | 9453.8  | 9313.3  |  |  |  |
| G8.0  | 8297.9  | 8512.7  | 8251.5  | 8374.3  | 8042.2  | 8183.3  | 7996.5  |  |  |  |
| G9.0  | 7107.9  | 7193.8  | 7009.0  | 7007.0  | 6807.2  | 6881.5  | 6709.6  |  |  |  |
| G10.0 | 5956.8  | 6076.1  | 5913.8  | 5905.0  | 5727.0  | 5737.9  | 5594.7  |  |  |  |
| G11.0 | 4884.8  | 4936.6  | 4800.9  | 4828.2  | 4676.8  | 4680.2  | 4564.3  |  |  |  |
| G12.0 | 4041.2  | 4080.8  | 3966.9  | 3945.0  | 3816.8  | 3816.8  | 3760.2  |  |  |  |
| G13.0 | 3298.6  | 3329.3  | 3233.8  | 3211.3  | 3132.9  | 3131.5  | 3060.6  |  |  |  |
| G14.0 | 2645.3  | 2695.7  | 2592.1  | 2596.2  | 2508.2  | 2528.0  | 2478.9  |  |  |  |
| G15.0 | 2199.9  | 2221.1  | 2155.6  | 2157.7  | 2085.4  | 2082.0  | 2050.6  |  |  |  |
| G16.0 | 1829.0  | 1872.6  | 1792.2  | 1806.5  | 1734.9  | 1758.7  | 1715.8  |  |  |  |
| G17.0 | 1571.9  | 1582.1  | 1541.2  | 1531.0  | 1485.3  | 1483.2  | 1473.7  |  |  |  |
| G18.0 | 1362.5  | 1367.3  | 1334.6  | 1325.0  | 1297.7  | 1296.4  | 1289.6  |  |  |  |
| G19.0 | 1181.8  | 1182.5  | 1157.3  | 1147.7  | 1127.3  | 1127.3  | 1114.3  |  |  |  |
| G20.0 | 1029.7  | 1036.6  | 1018.1  | 1010.0  | 986.8   | 992.9   | 980.0   |  |  |  |
| G21.0 | 903.6   | 912.4   | 889.3   | 888.6   | 867.4   | 867.4   | 858.6   |  |  |  |
| G22.0 | 781.5   | 787.0   | 772.0   | 772.6   | 746.7   | 750.1   | 737.9   |  |  |  |
| G23.0 | 679.9   | 686.7   | 677.8   | 675.1   | 654.0   | 653.3   | 645.8   |  |  |  |
| G24.0 | 589.2   | 604.2   | 585.1   | 594.7   | 565.3   | 572.2   | 554.4   |  |  |  |
| G25.0 | 515.5   | 523.0   | 514.9   | 512.8   | 495.1   | 494.4   | 486.2   |  |  |  |
| G26.0 | 447.4   | 455.5   | 448.0   | 449.4   | 429.6   | 429.6   | 421.4   |  |  |  |
| G27.0 | 384.6   | 392.8   | 386.7   | 388.0   | 370.3   | 370.3   | 362.1   |  |  |  |
| G28.0 | 335.5   | 341.6   | 336.9   | 334.8   | 322.6   | 322.6   | 313.7   |  |  |  |
| G29.0 | 290.5   | 294.6   | 293.2   | 291.2   | 279.6   | 278.2   | 273.5   |  |  |  |
| G30.0 | 248.2   | 251.6   | 249.6   | 248.2   | 238.7   | 237.3   | 233.2   |  |  |  |
| G31.0 | 217.5   | 220.3   | 218.9   | 215.5   | 208.7   | 206.6   | 203.9   |  |  |  |
| G32.0 | 186.9   | 191.6   | 189.6   | 187.5   | 180.0   | 178.0   | 175.9   |  |  |  |
| G33.0 | 165.7   | 169.1   | 167.8   | 165.7   | 159.6   | 156.9   | 153.4   |  |  |  |
| G34.0 | 145.9   | 150.7   | 150.0   | 147.3   | 140.5   | 137.1   | 135.7   |  |  |  |
| G35.0 | 128.9   | 133.0   | 133.7   | 130.9   | 124.8   | 120.7   | 118.7   |  |  |  |
| G36.0 | 115.9   | 120.0   | 121.4   | 118.0   | 111.8   | 108.4   | 107.1   |  |  |  |

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 | 103.7  | 110.5  | 110.5  | 109.1  | 100.9  | 98.2   | 97.5   |  |  |  |
| G38.0 | 94.8   | 100.3  | 100.9  | 99.6   | 91.4   | 89.3   | 88.0   |  |  |  |
| G39.0 | 87.3   | 91.4   | 94.1   | 92.7   | 85.2   | 81.8   | 81.2   |  |  |  |
| G40.0 | 78.4   | 83.2   | 85.9   | 83.2   | 77.1   | 75.0   | 73.7   |  |  |  |
| G41.0 | 71.6   | 75.7   | 78.4   | 77.1   | 70.2   | 68.2   | 66.8   |  |  |  |
| G42.0 | 65.5   | 68.2   | 70.9   | 70.2   | 63.4   | 61.4   | 60.7   |  |  |  |
| G43.0 | 58.7   | 60.7   | 63.4   | 63.4   | 56.6   | 55.2   | 55.2   |  |  |  |
| G44.0 | 52.5   | 54.6   | 56.6   | 57.3   | 51.2   | 49.8   | 49.1   |  |  |  |
| G45.0 | 46.4   | 49.1   | 49.8   | 51.2   | 44.3   | 44.3   | 44.3   |  |  |  |
| G46.0 | 41.6   | 43.0   | 43.6   | 45.0   | 40.2   | 38.2   | 38.9   |  |  |  |
| G47.0 | 36.8   | 38.2   | 38.9   | 39.5   | 35.5   | 34.1   | 34.8   |  |  |  |
| G48.0 | 32.0   | 32.0   | 34.1   | 34.8   | 30.7   | 29.3   | 29.3   |  |  |  |
| G49.0 | 27.3   | 28.0   | 30.0   | 30.7   | 26.6   | 25.9   | 25.2   |  |  |  |
| G50.0 | 23.9   | 24.5   | 25.9   | 25.9   | 22.5   | 22.5   | 22.5   |  |  |  |
| G51.0 | 20.5   | 20.5   | 21.8   | 21.8   | 19.8   | 19.1   | 18.4   |  |  |  |
| G52.0 | 17.7   | 18.4   | 19.8   | 19.8   | 17.0   | 16.4   | 15.7   |  |  |  |
| G53.0 | 15.7   | 16.4   | 17.0   | 15.0   | 15.0   | 15.0   | 13.6   |  |  |  |
| G54.0 | 15.0   | 13.6   | 14.3   | 13.6   | 13.6   | 13.0   | 13.6   |  |  |  |
| G55.0 | 13.6   | 11.6   | 12.3   | 12.3   | 11.6   | 11.6   | 11.6   |  |  |  |
| G56.0 | 12.3   | 10.9   | 10.9   | 10.2   | 10.9   | 10.2   | 10.9   |  |  |  |
| G57.0 | 10.2   | 9.6    | 10.2   | 9.6    | 9.6    | 8.9    | 9.6    |  |  |  |
| G58.0 | 8.9    | 8.9    | 8.9    | 8.2    | 8.2    | 7.5    | 8.2    |  |  |  |
| G59.0 | 8.2    | 7.5    | 8.9    | 6.8    | 7.5    | 6.8    | 8.2    |  |  |  |
| G60.0 | 7.5    | 6.1    | 7.5    | 6.1    | 6.8    | 6.1    | 7.5    |  |  |  |
| G61.0 | 6.1    | 5.5    | 6.1    | 5.5    | 6.1    | 4.8    | 6.8    |  |  |  |
| G62.0 | 5.5    | 4.8    | 5.5    | 4.8    | 5.5    | 4.1    | 5.5    |  |  |  |
| G63.0 | 4.8    | 3.4    | 4.8    | 4.1    | 2.7    | 2.7    | 4.8    |  |  |  |
| G64.0 | 5.5    | 2.7    | 3.4    | 3.4    | 2.0    | 2.0    | 4.1    |  |  |  |
| G65.0 | 4.8    | 2.0    | 2.7    | 1.4    | 1.4    | 2.0    | 2.7    |  |  |  |
| G66.0 | 2.7    | 0.7    | 2.0    | 0.7    | 0.0    | 0.7    | 2.7    |  |  |  |
| G67.0 | 2.0    | 1.4    | 1.4    | 0.7    | 0.0    | 0.0    | 2.0    |  |  |  |
| G68.0 | 1.4    | 1.4    | 0.7    | 0.0    | 0.0    | 0.0    | 2.0    |  |  |  |
| G69.0 | 1.4    | 0.7    | 0.0    | 0.0    | 0.0    | 0.0    | 1.4    |  |  |  |
| G70.0 | 0.7    | 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:

