

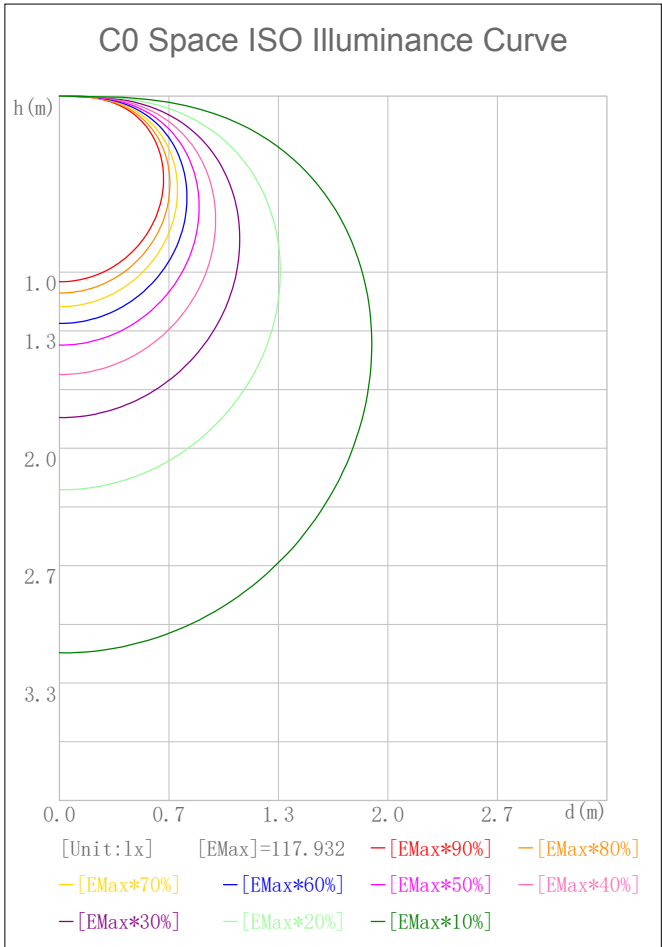
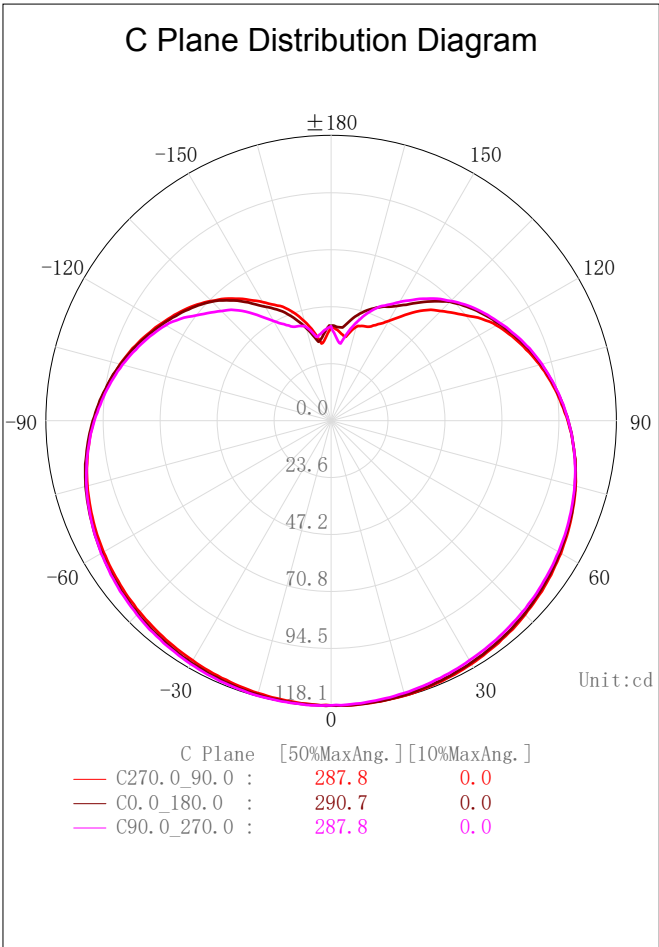
Indoor Luminaire Photometric Data

Description Information

| | | |
|--|-------------------------|-----------------------|
| Luminary Name: 55252 | Lum. Catalog: | Test ID: |
| Lamp Name: | Lamp Catalog: | Test Date: 2021/10/06 |
| Manufacture: | Shld. Ang(°): | Test Machine:GON-2000 |
| Test Lab: | Frequency (Hz): | Lamp CCT (K): Ra: |
| Lum. Size (W*L*H):0.050m*0.050m*0.000m | Lum. Area (m2):0.002 | Lum. W (kg): 0.000 |
| Test System: C, γ | Test Step: C=30.0 γ=1.0 | Temp. (°C): 25 |
| | | Humidity(%): |

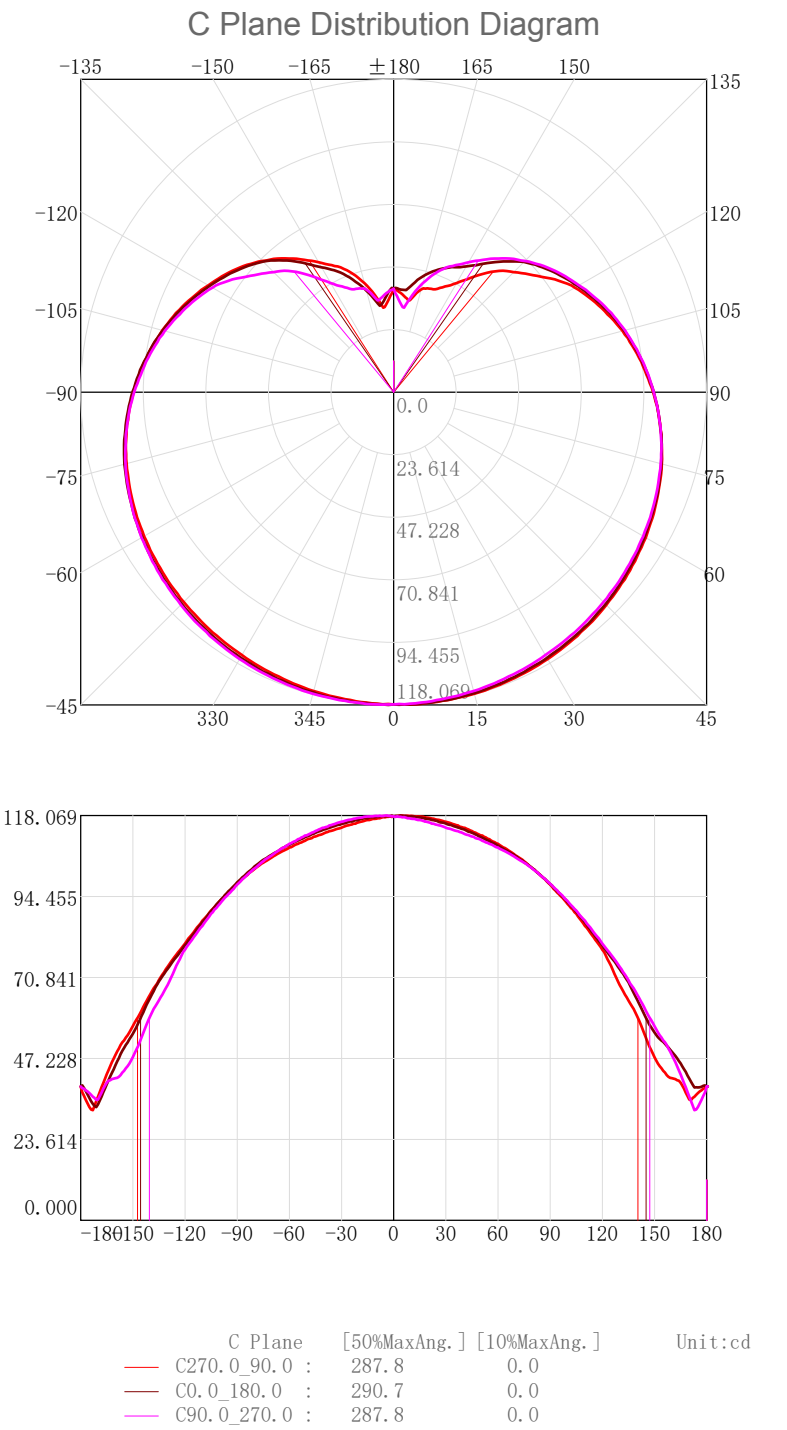
Character Parameter

| Lamp Speciality Parameter | Luminaire Speciality Parameter | |
|---|----------------------------------|---------------------------------------|
| Rated Flux(lm): 1156.300 | Luminary Flux(lm): 1156.296 | Field Angle(10%Imax): 360.0(°) |
| Rated Power(W): | Luminary Efficiency: 100.00% | Down Lumens&Percent: 683.077lm 59.07% |
| Rated Voltage(V): | Luminary EER(lm/W): 91.119 | Up Lumens&Percent: 473.219lm 40.93% |
| Tested Power(W): 12.690 | Max. Candela(cd): 118.069 | S/MH: C0_a180=1.494 C90_270=1.491 |
| Lamps' Inside: 1 | Max Cand@Ang. (°): C=270.0 γ=5.0 | CIE Type: Semi-Indirect |
| Tested Electrics (V, A, pf):23.8, 0.532 | Beam Angle(50%Imax): 287.8(°) | ErP Φ use(120°): 356.360lm |
| Lamp Size (W*L*H):0.050m*0.050m*0.000m | Left=-147.3°, Right=140.5° | IRF(%): 81.710 |



2D Plane Light Intensity Distribution Curve

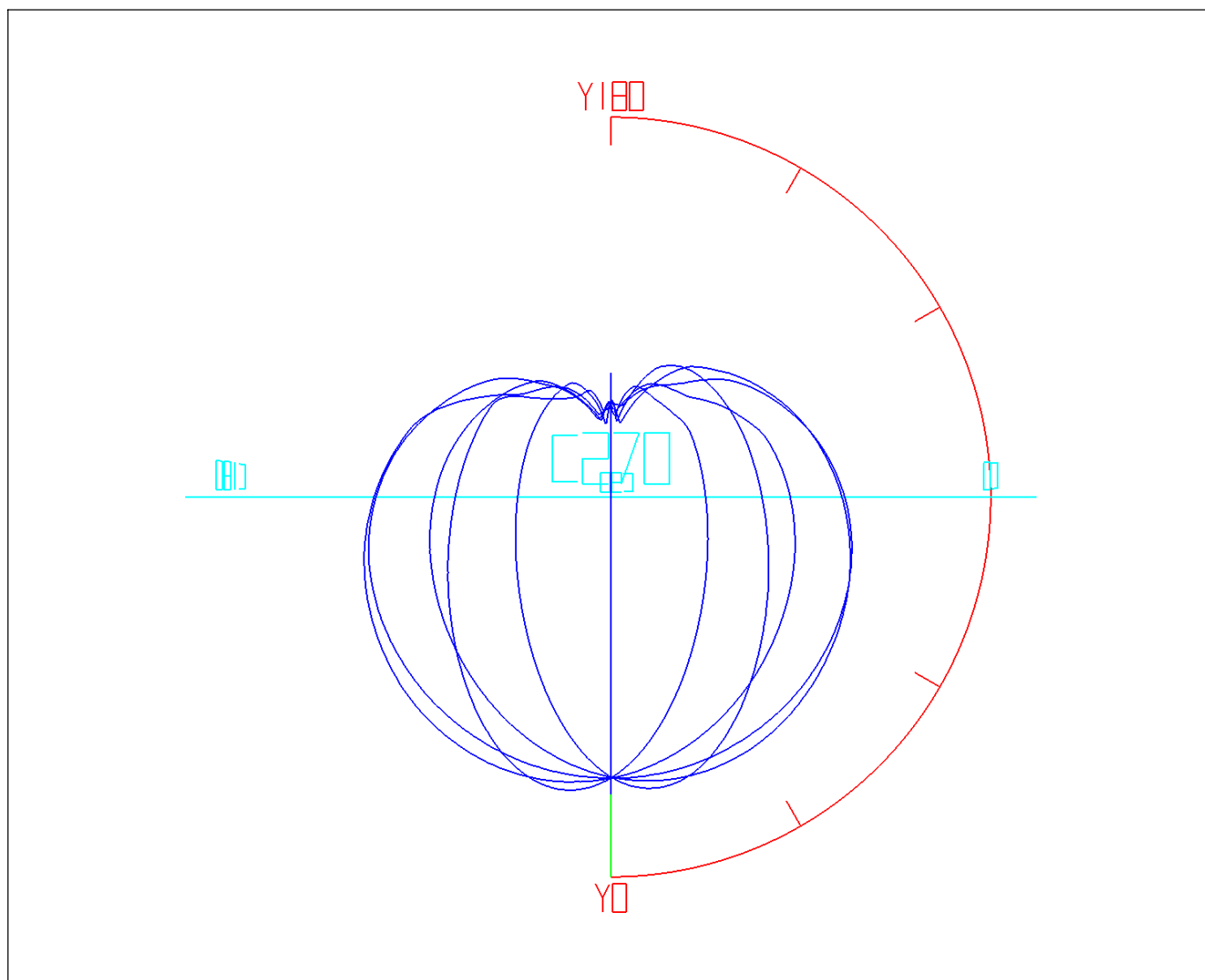
| | | |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catalog: | Test ID: |
| Lamp Name: | Lamp Catalog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2021/10/06 |



3D Light Intensity Distribution Modal

| | | |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catalog: | Test ID: |
| Lamp Name: | Lamp Catalog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2021/10/06 |

3D Light Intensity Distribution Modal



Curves: 3D Model — Fixture — Vert. HUD — Hori. HUD —
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

Zonal Flux Tabulation

| Zone(γ) | Zone Flux (lm) | Sums Flux (lm) | Zone%Lamp | Sums%Lamp | Zone(γ) | Zone Flux (lm) | Sums Flux (lm) | Zone%Lamp | Sums%Lamp |
|-----------|-------------------|-------------------|-----------|-----------|-----------|-------------------|-------------------|-----------|-----------|
| 0.0-1.0 | 0.11 | 0.11 | 0.01 | 0.01 | 47.0-48.0 | 9.07 | 238.79 | 0.78 | 20.65 |
| 1.0-2.0 | 0.34 | 0.45 | 0.03 | 0.04 | 48.0-49.0 | 9.19 | 247.98 | 0.79 | 21.45 |
| 2.0-3.0 | 0.56 | 1.01 | 0.05 | 0.09 | 49.0-50.0 | 9.31 | 257.30 | 0.81 | 22.25 |
| 3.0-4.0 | 0.79 | 1.80 | 0.07 | 0.16 | 50.0-51.0 | 9.43 | 266.73 | 0.82 | 23.07 |
| 4.0-5.0 | 1.01 | 2.82 | 0.09 | 0.24 | 51.0-52.0 | 9.55 | 276.28 | 0.83 | 23.89 |
| 5.0-6.0 | 1.24 | 4.05 | 0.11 | 0.35 | 52.0-53.0 | 9.66 | 285.94 | 0.84 | 24.73 |
| 6.0-7.0 | 1.46 | 5.51 | 0.13 | 0.48 | 53.0-54.0 | 9.76 | 295.70 | 0.84 | 25.57 |
| 7.0-8.0 | 1.68 | 7.20 | 0.15 | 0.62 | 54.0-55.0 | 9.87 | 305.57 | 0.85 | 26.43 |
| 8.0-9.0 | 1.91 | 9.10 | 0.16 | 0.79 | 55.0-56.0 | 9.96 | 315.53 | 0.86 | 27.29 |
| 9.0-10.0 | 2.13 | 11.23 | 0.18 | 0.97 | 56.0-57.0 | 10.06 | 325.59 | 0.87 | 28.16 |
| 10.0-11.0 | 2.35 | 13.58 | 0.20 | 1.17 | 57.0-58.0 | 10.15 | 335.74 | 0.88 | 29.04 |
| 11.0-12.0 | 2.57 | 16.14 | 0.22 | 1.40 | 58.0-59.0 | 10.24 | 345.98 | 0.89 | 29.92 |
| 12.0-13.0 | 2.79 | 18.93 | 0.24 | 1.64 | 59.0-60.0 | 10.32 | 356.30 | 0.89 | 30.81 |
| 13.0-14.0 | 3.00 | 21.93 | 0.26 | 1.90 | 60.0-61.0 | 10.40 | 366.70 | 0.90 | 31.71 |
| 14.0-15.0 | 3.22 | 25.15 | 0.28 | 2.17 | 61.0-62.0 | 10.48 | 377.18 | 0.91 | 32.62 |
| 15.0-16.0 | 3.43 | 28.58 | 0.30 | 2.47 | 62.0-63.0 | 10.55 | 387.72 | 0.91 | 33.53 |
| 16.0-17.0 | 3.65 | 32.23 | 0.32 | 2.79 | 63.0-64.0 | 10.61 | 398.34 | 0.92 | 34.45 |
| 17.0-18.0 | 3.86 | 36.08 | 0.33 | 3.12 | 64.0-65.0 | 10.68 | 409.01 | 0.92 | 35.37 |
| 18.0-19.0 | 4.07 | 40.15 | 0.35 | 3.47 | 65.0-66.0 | 10.73 | 419.74 | 0.93 | 36.30 |
| 19.0-20.0 | 4.27 | 44.42 | 0.37 | 3.84 | 66.0-67.0 | 10.79 | 430.53 | 0.93 | 37.23 |
| 20.0-21.0 | 4.48 | 48.90 | 0.39 | 4.23 | 67.0-68.0 | 10.84 | 441.37 | 0.94 | 38.17 |
| 21.0-22.0 | 4.68 | 53.58 | 0.40 | 4.63 | 68.0-69.0 | 10.88 | 452.25 | 0.94 | 39.11 |
| 22.0-23.0 | 4.88 | 58.47 | 0.42 | 5.06 | 69.0-70.0 | 10.92 | 463.17 | 0.94 | 40.06 |
| 23.0-24.0 | 5.08 | 63.55 | 0.44 | 5.50 | 70.0-71.0 | 10.96 | 474.13 | 0.95 | 41.00 |
| 24.0-25.0 | 5.28 | 68.83 | 0.46 | 5.95 | 71.0-72.0 | 10.99 | 485.12 | 0.95 | 41.95 |
| 25.0-26.0 | 5.48 | 74.31 | 0.47 | 6.43 | 72.0-73.0 | 11.02 | 496.14 | 0.95 | 42.91 |
| 26.0-27.0 | 5.67 | 79.98 | 0.49 | 6.92 | 73.0-74.0 | 11.04 | 507.18 | 0.95 | 43.86 |
| 27.0-28.0 | 5.86 | 85.84 | 0.51 | 7.42 | 74.0-75.0 | 11.06 | 518.24 | 0.96 | 44.82 |
| 28.0-29.0 | 6.05 | 91.89 | 0.52 | 7.95 | 75.0-76.0 | 11.07 | 529.31 | 0.96 | 45.78 |
| 29.0-30.0 | 6.24 | 98.13 | 0.54 | 8.49 | 76.0-77.0 | 11.08 | 540.39 | 0.96 | 46.73 |
| 30.0-31.0 | 6.42 | 104.54 | 0.55 | 9.04 | 77.0-78.0 | 11.08 | 551.47 | 0.96 | 47.69 |
| 31.0-32.0 | 6.60 | 111.14 | 0.57 | 9.61 | 78.0-79.0 | 11.08 | 562.56 | 0.96 | 48.65 |
| 32.0-33.0 | 6.78 | 117.92 | 0.59 | 10.20 | 79.0-80.0 | 11.08 | 573.63 | 0.96 | 49.61 |
| 33.0-34.0 | 6.95 | 124.87 | 0.60 | 10.80 | 80.0-81.0 | 11.07 | 584.70 | 0.96 | 50.57 |
| 34.0-35.0 | 7.12 | 131.99 | 0.62 | 11.41 | 81.0-82.0 | 11.05 | 595.75 | 0.96 | 51.52 |
| 35.0-36.0 | 7.29 | 139.28 | 0.63 | 12.05 | 82.0-83.0 | 11.03 | 606.79 | 0.95 | 52.48 |
| 36.0-37.0 | 7.46 | 146.74 | 0.64 | 12.69 | 83.0-84.0 | 11.01 | 617.79 | 0.95 | 53.43 |
| 37.0-38.0 | 7.62 | 154.35 | 0.66 | 13.35 | 84.0-85.0 | 10.98 | 628.77 | 0.95 | 54.38 |
| 38.0-39.0 | 7.78 | 162.13 | 0.67 | 14.02 | 85.0-86.0 | 10.95 | 639.71 | 0.95 | 55.32 |
| 39.0-40.0 | 7.94 | 170.07 | 0.69 | 14.71 | 86.0-87.0 | 10.91 | 650.62 | 0.94 | 56.27 |
| 40.0-41.0 | 8.09 | 178.16 | 0.70 | 15.41 | 87.0-88.0 | 10.87 | 661.49 | 0.94 | 57.21 |
| 41.0-42.0 | 8.24 | 186.40 | 0.71 | 16.12 | 88.0-89.0 | 10.82 | 672.31 | 0.94 | 58.14 |
| 42.0-43.0 | 8.39 | 194.78 | 0.73 | 16.85 | 89.0-90.0 | 10.77 | 683.08 | 0.93 | 59.07 |
| 43.0-44.0 | 8.53 | 203.31 | 0.74 | 17.58 | 90.0-91.0 | 10.71 | 693.79 | 0.93 | 60.00 |
| 44.0-45.0 | 8.67 | 211.98 | 0.75 | 18.33 | 91.0-92.0 | 10.66 | 704.45 | 0.92 | 60.92 |
| 45.0-46.0 | 8.80 | 220.79 | 0.76 | 19.09 | 92.0-93.0 | 10.59 | 715.04 | 0.92 | 61.84 |
| 46.0-47.0 | 8.94 | 229.73 | 0.77 | 19.87 | 93.0-94.0 | 10.53 | 725.57 | 0.91 | 62.75 |

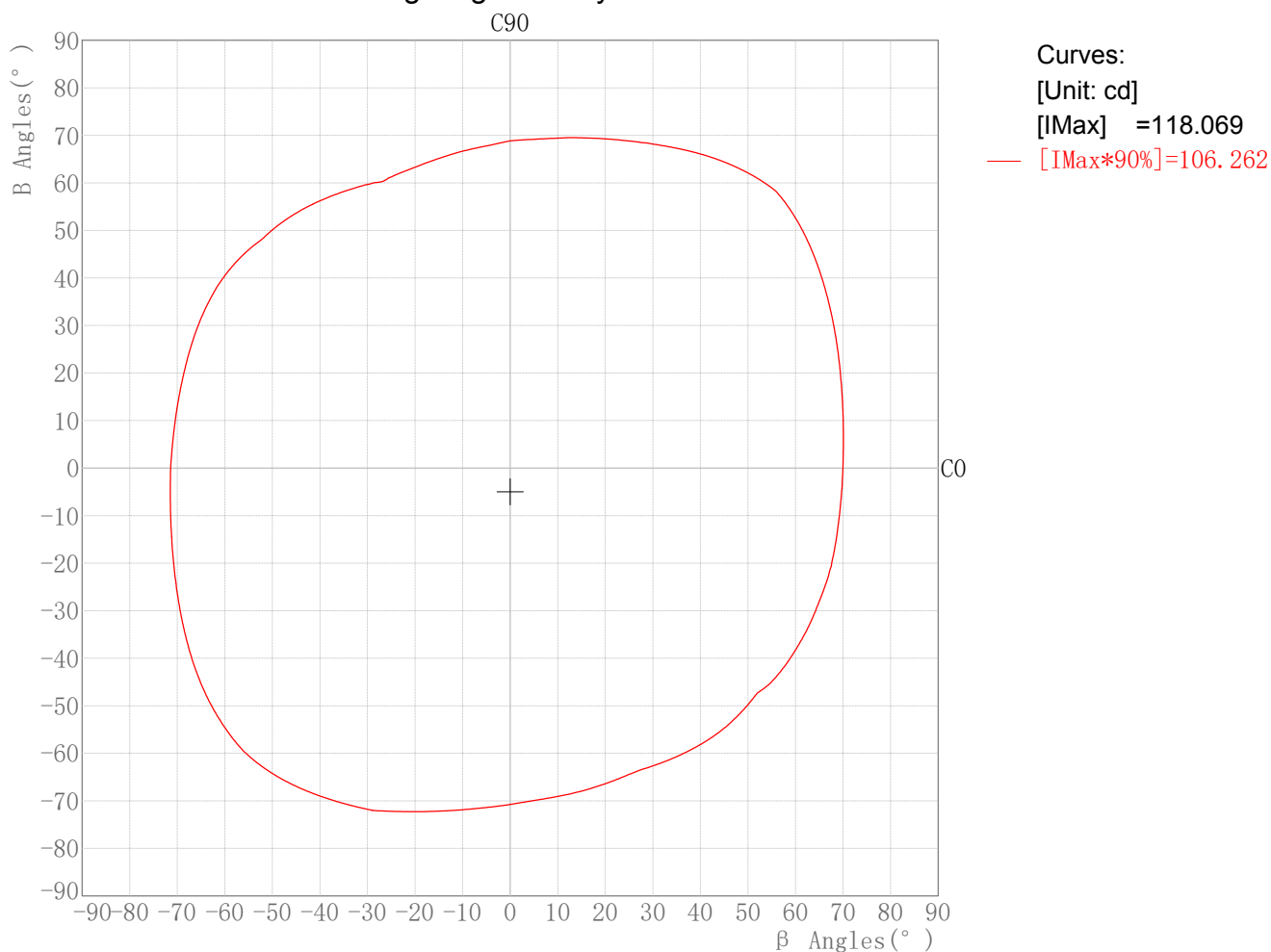
Zonal Flux Tabulation - (Cont.)

| Zone (γ) | Zone Flux (lm) | Sums Flux (lm) | Zone%Lamp | Sums%Lamp | Zone (γ) | Zone Flux (lm) | Sums Flux (lm) | Zone%Lamp | Sums%Lamp |
|-------------|-------------------|-------------------|-----------|-----------|-------------|-------------------|-------------------|-----------|-----------|
| 94.0-95.0 | 10.46 | 736.03 | 0.90 | 63.65 | 141.0-142.0 | 4.15 | 1089.34 | 0.36 | 94.21 |
| 95.0-96.0 | 10.38 | 746.41 | 0.90 | 64.55 | 142.0-143.0 | 4.01 | 1093.35 | 0.35 | 94.56 |
| 96.0-97.0 | 10.30 | 756.71 | 0.89 | 65.44 | 143.0-144.0 | 3.87 | 1097.22 | 0.33 | 94.89 |
| 97.0-98.0 | 10.22 | 766.93 | 0.88 | 66.33 | 144.0-145.0 | 3.73 | 1100.95 | 0.32 | 95.21 |
| 98.0-99.0 | 10.14 | 777.07 | 0.88 | 67.20 | 145.0-146.0 | 3.59 | 1104.55 | 0.31 | 95.52 |
| 99.0-100.0 | 10.05 | 787.12 | 0.87 | 68.07 | 146.0-147.0 | 3.45 | 1108.00 | 0.30 | 95.82 |
| 100.0-101.0 | 9.96 | 797.08 | 0.86 | 68.93 | 147.0-148.0 | 3.31 | 1111.31 | 0.29 | 96.11 |
| 101.0-102.0 | 9.86 | 806.94 | 0.85 | 69.79 | 148.0-149.0 | 3.18 | 1114.49 | 0.27 | 96.38 |
| 102.0-103.0 | 9.76 | 816.71 | 0.84 | 70.63 | 149.0-150.0 | 3.04 | 1117.53 | 0.26 | 96.65 |
| 103.0-104.0 | 9.66 | 826.37 | 0.84 | 71.47 | 150.0-151.0 | 2.91 | 1120.44 | 0.25 | 96.90 |
| 104.0-105.0 | 9.56 | 835.92 | 0.83 | 72.29 | 151.0-152.0 | 2.78 | 1123.22 | 0.24 | 97.14 |
| 105.0-106.0 | 9.45 | 845.37 | 0.82 | 73.11 | 152.0-153.0 | 2.65 | 1125.87 | 0.23 | 97.37 |
| 106.0-107.0 | 9.34 | 854.71 | 0.81 | 73.92 | 153.0-154.0 | 2.52 | 1128.39 | 0.22 | 97.59 |
| 107.0-108.0 | 9.22 | 863.92 | 0.80 | 74.71 | 154.0-155.0 | 2.40 | 1130.79 | 0.21 | 97.79 |
| 108.0-109.0 | 9.10 | 873.02 | 0.79 | 75.50 | 155.0-156.0 | 2.28 | 1133.07 | 0.20 | 97.99 |
| 109.0-110.0 | 8.97 | 882.00 | 0.78 | 76.28 | 156.0-157.0 | 2.16 | 1135.23 | 0.19 | 98.18 |
| 110.0-111.0 | 8.85 | 890.84 | 0.76 | 77.04 | 157.0-158.0 | 2.04 | 1137.26 | 0.18 | 98.35 |
| 111.0-112.0 | 8.71 | 899.56 | 0.75 | 77.80 | 158.0-159.0 | 1.92 | 1139.18 | 0.17 | 98.52 |
| 112.0-113.0 | 8.57 | 908.13 | 0.74 | 78.54 | 159.0-160.0 | 1.80 | 1140.97 | 0.16 | 98.67 |
| 113.0-114.0 | 8.43 | 916.56 | 0.73 | 79.27 | 160.0-161.0 | 1.68 | 1142.66 | 0.15 | 98.82 |
| 114.0-115.0 | 8.28 | 924.83 | 0.72 | 79.98 | 161.0-162.0 | 1.57 | 1144.22 | 0.14 | 98.96 |
| 115.0-116.0 | 8.13 | 932.96 | 0.70 | 80.68 | 162.0-163.0 | 1.45 | 1145.68 | 0.13 | 99.08 |
| 116.0-117.0 | 7.97 | 940.93 | 0.69 | 81.37 | 163.0-164.0 | 1.34 | 1147.02 | 0.12 | 99.20 |
| 117.0-118.0 | 7.81 | 948.74 | 0.68 | 82.05 | 164.0-165.0 | 1.23 | 1148.25 | 0.11 | 99.30 |
| 118.0-119.0 | 7.65 | 956.39 | 0.66 | 82.71 | 165.0-166.0 | 1.13 | 1149.38 | 0.10 | 99.40 |
| 119.0-120.0 | 7.49 | 963.88 | 0.65 | 83.36 | 166.0-167.0 | 1.02 | 1150.40 | 0.09 | 99.49 |
| 120.0-121.0 | 7.33 | 971.21 | 0.63 | 83.99 | 167.0-168.0 | 0.92 | 1151.33 | 0.08 | 99.57 |
| 121.0-122.0 | 7.17 | 978.37 | 0.62 | 84.61 | 168.0-169.0 | 0.83 | 1152.15 | 0.07 | 99.64 |
| 122.0-123.0 | 7.01 | 985.38 | 0.61 | 85.22 | 169.0-170.0 | 0.73 | 1152.89 | 0.06 | 99.70 |
| 123.0-124.0 | 6.85 | 992.23 | 0.59 | 85.81 | 170.0-171.0 | 0.65 | 1153.53 | 0.06 | 99.76 |
| 124.0-125.0 | 6.69 | 998.92 | 0.58 | 86.39 | 171.0-172.0 | 0.57 | 1154.10 | 0.05 | 99.81 |
| 125.0-126.0 | 6.53 | 1005.45 | 0.57 | 86.95 | 172.0-173.0 | 0.50 | 1154.60 | 0.04 | 99.85 |
| 126.0-127.0 | 6.38 | 1011.83 | 0.55 | 87.51 | 173.0-174.0 | 0.44 | 1155.03 | 0.04 | 99.89 |
| 127.0-128.0 | 6.22 | 1018.05 | 0.54 | 88.04 | 174.0-175.0 | 0.37 | 1155.41 | 0.03 | 99.92 |
| 128.0-129.0 | 6.06 | 1024.11 | 0.52 | 88.57 | 175.0-176.0 | 0.31 | 1155.72 | 0.03 | 99.95 |
| 129.0-130.0 | 5.91 | 1030.02 | 0.51 | 89.08 | 176.0-177.0 | 0.25 | 1155.97 | 0.02 | 99.97 |
| 130.0-131.0 | 5.76 | 1035.78 | 0.50 | 89.58 | 177.0-178.0 | 0.18 | 1156.15 | 0.02 | 99.99 |
| 131.0-132.0 | 5.61 | 1041.39 | 0.48 | 90.06 | 178.0-179.0 | 0.11 | 1156.26 | 0.01 | 100.00 |
| 132.0-133.0 | 5.46 | 1046.84 | 0.47 | 90.53 | 179.0-180.0 | 0.04 | 1156.30 | 0.00 | 100.00 |
| 133.0-134.0 | 5.30 | 1052.15 | 0.46 | 90.99 | | | | | |
| 134.0-135.0 | 5.16 | 1057.30 | 0.45 | 91.44 | | | | | |
| 135.0-136.0 | 5.01 | 1062.31 | 0.43 | 91.87 | | | | | |
| 136.0-137.0 | 4.86 | 1067.17 | 0.42 | 92.29 | | | | | |
| 137.0-138.0 | 4.72 | 1071.89 | 0.41 | 92.70 | | | | | |
| 138.0-139.0 | 4.57 | 1076.46 | 0.40 | 93.10 | | | | | |
| 139.0-140.0 | 4.43 | 1080.89 | 0.38 | 93.48 | | | | | |
| 140.0-141.0 | 4.29 | 1085.18 | 0.37 | 93.85 | | | | | |

Rectangle ISO Lighting Intensity Diagram

| | | |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catalog: | Test ID: |
| Lamp Name: | Lamp Catalog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2021/10/06 |

ISO Lighting Intensity Curve



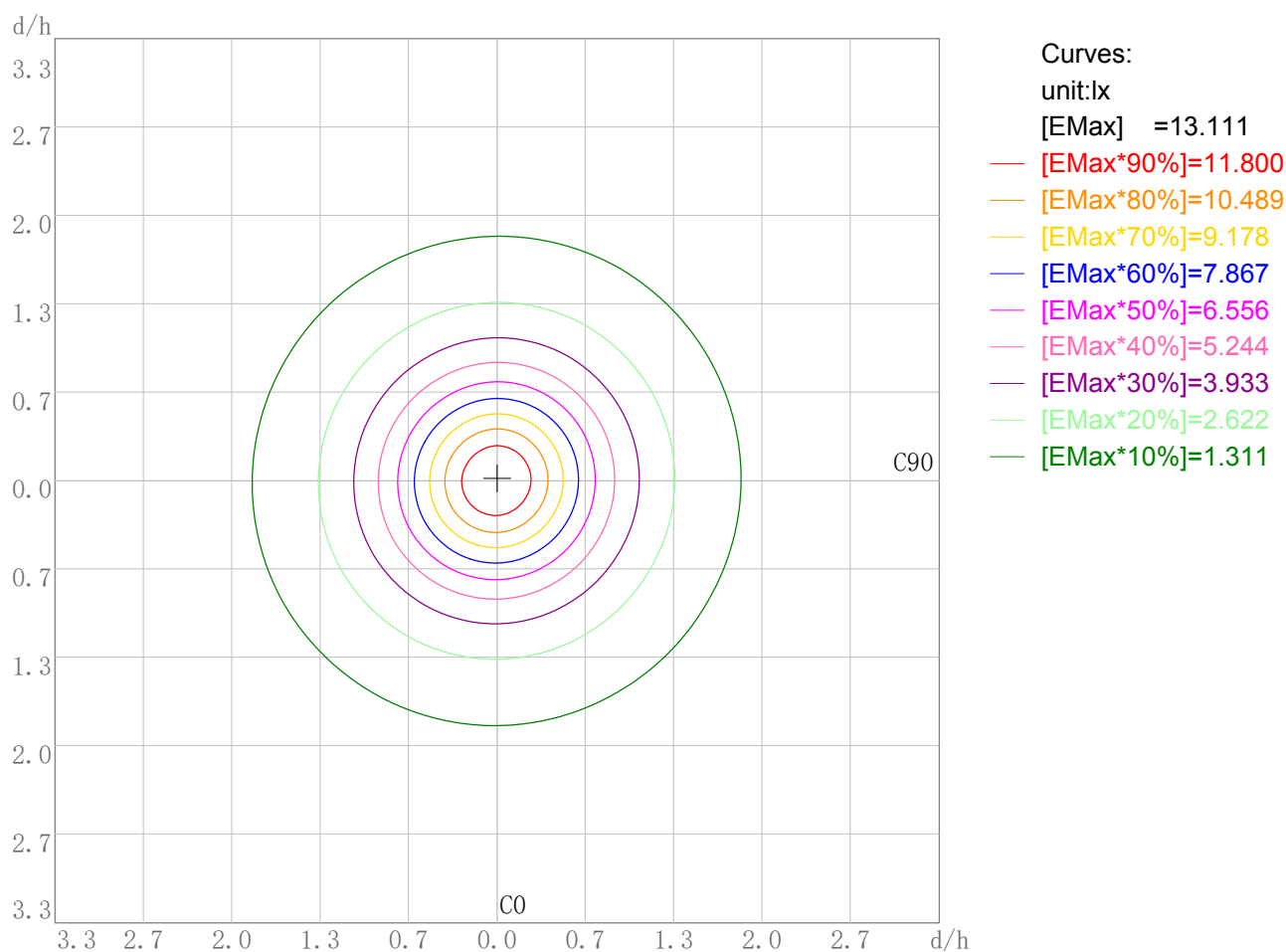
Maximum Light Intensity(cd): 118.07

Maximum Cand.@Angle: H=-0.0°,V=-5.0°

Plane ISO-Illuminance Diagram

| | | |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catalog: | Test ID: |
| Lamp Name: | Lamp Catalog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2021/10/06 |

Plane ISO-Illuminance Curve

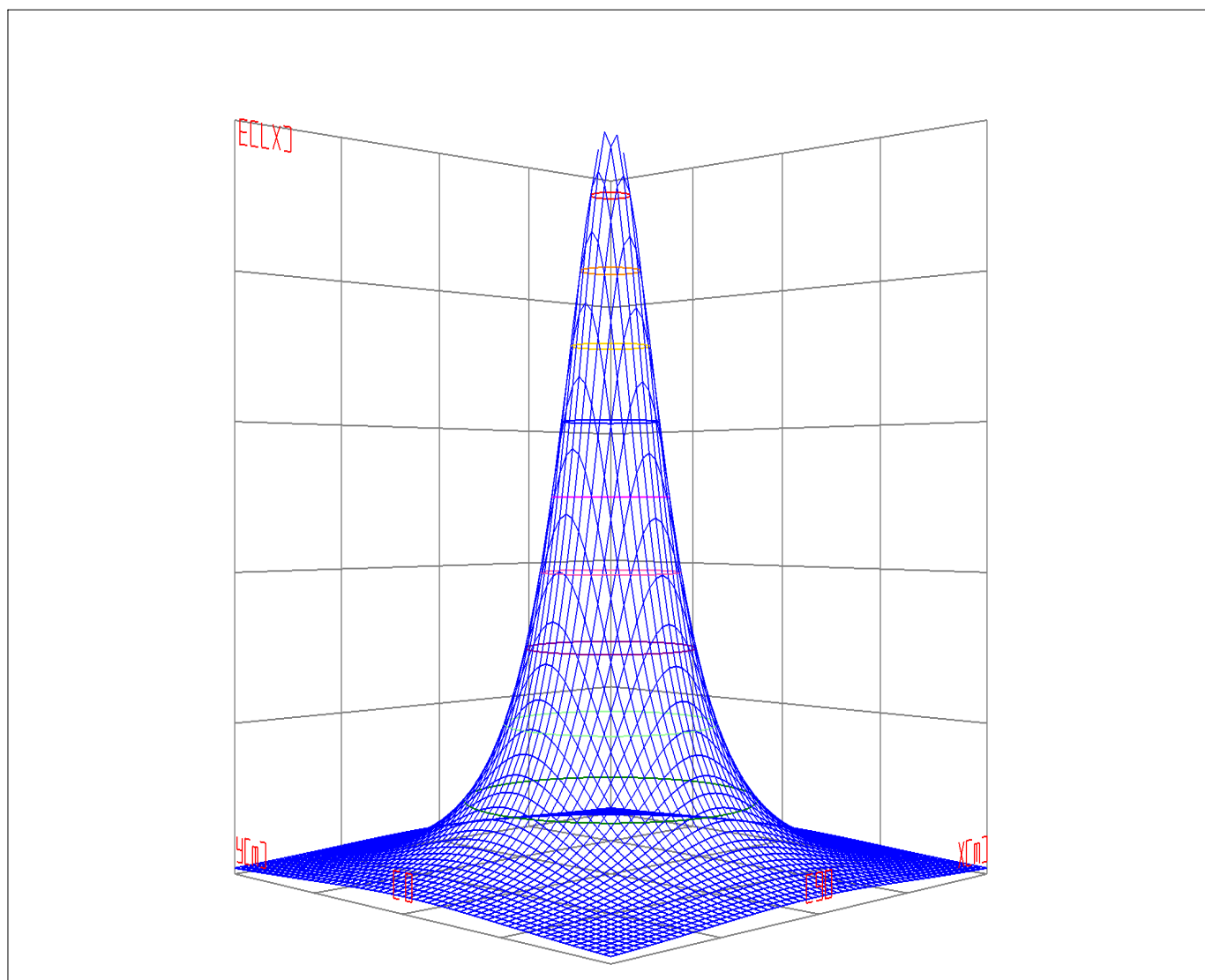


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 13.11
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

3D Plane ISO Illuminance Diagram

| | | |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catalog: | Test ID: |
| Lamp Name: | Lamp Catalog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2021/10/06 |

3D Plane Illuminance Model

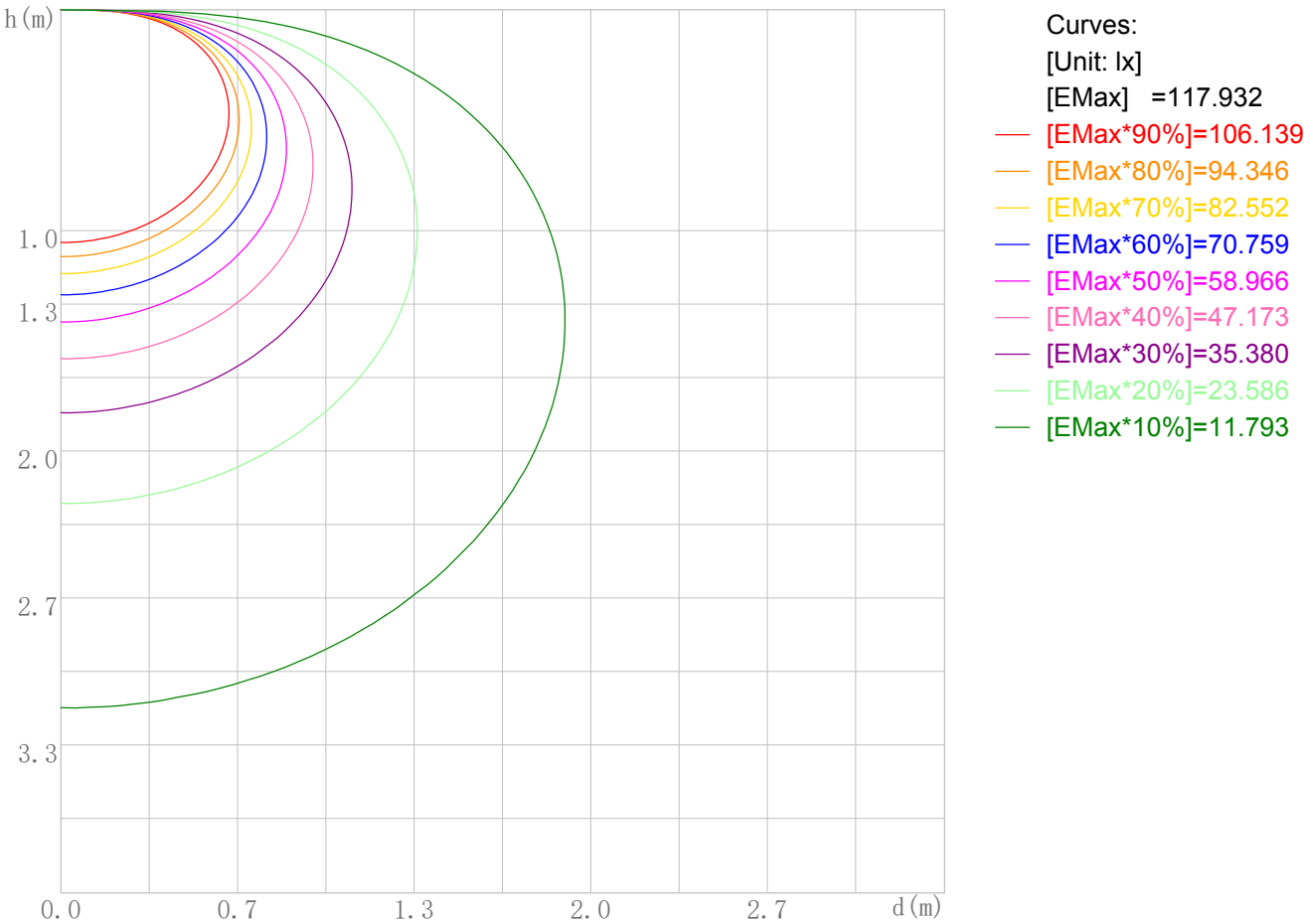


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

| | | |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catalog: | Test ID: |
| Lamp Name: | Lamp Catalog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2021/10/06 |

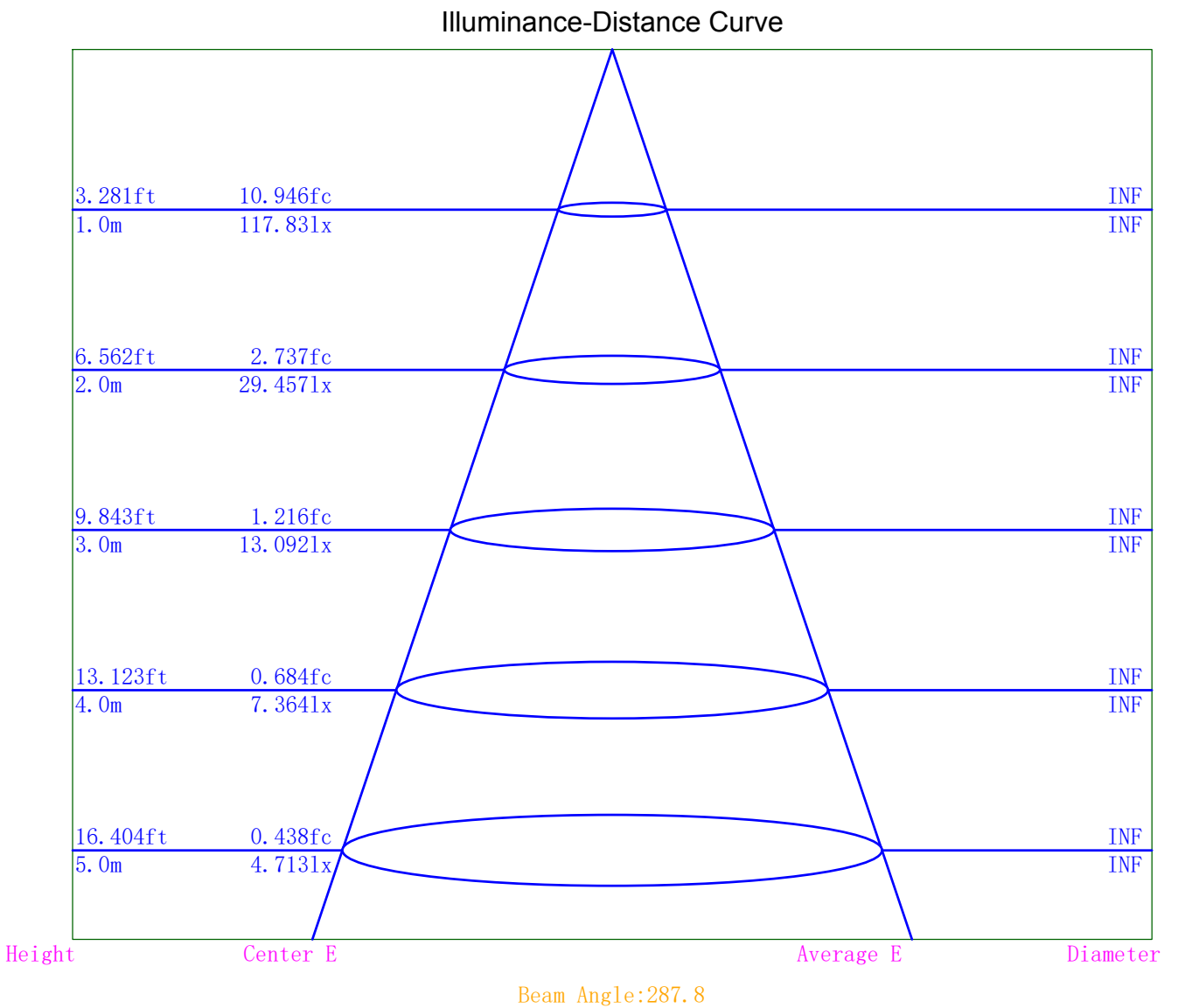
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:117.93lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:118.050cd,0eg

Illuminance-Distance Diagram

| | | |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catalog: | Test ID: |
| Lamp Name: | Lamp Catalog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2021/10/06 |



Indoor Luminance Limiting Curves

Table with 3 columns: Lum. Name, Lum. Catalog, Test ID, Lamp Name, Lamp Catalog, Test Lab, Manufacture, Test Machine, Test Date.

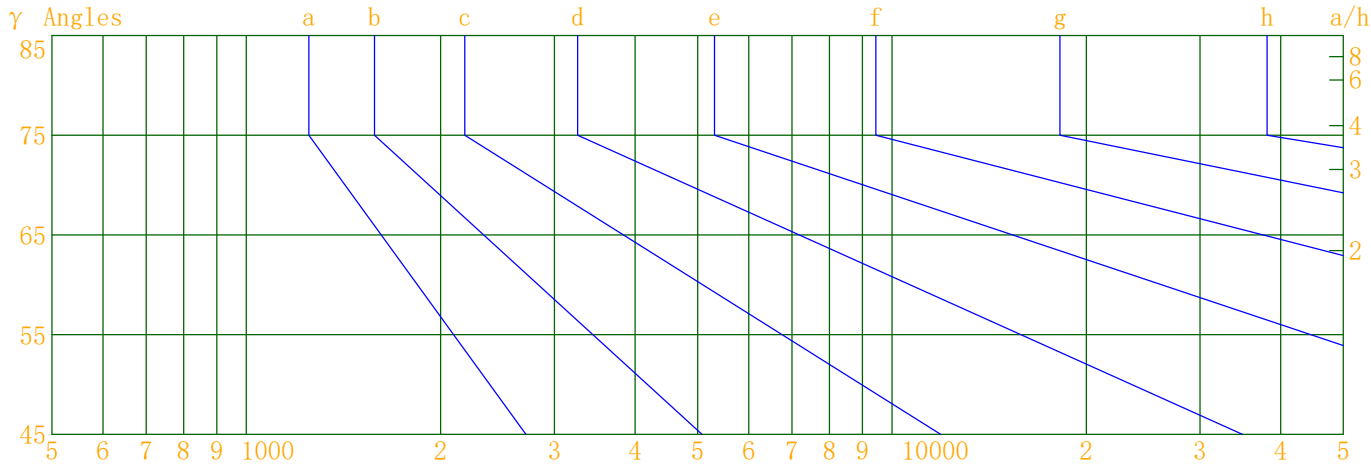
Glare Grade Table

Table with 10 columns: GI, Quality, and 8 columns for Using Illuminance (2000, 1000, 500, <=300, etc.).

Luminance Table

Table with 10 columns: Gama (deg), 45, 50, 55, 60, 65, 70, 75, 80, 85, and 3 rows of luminance data (C0, C90).

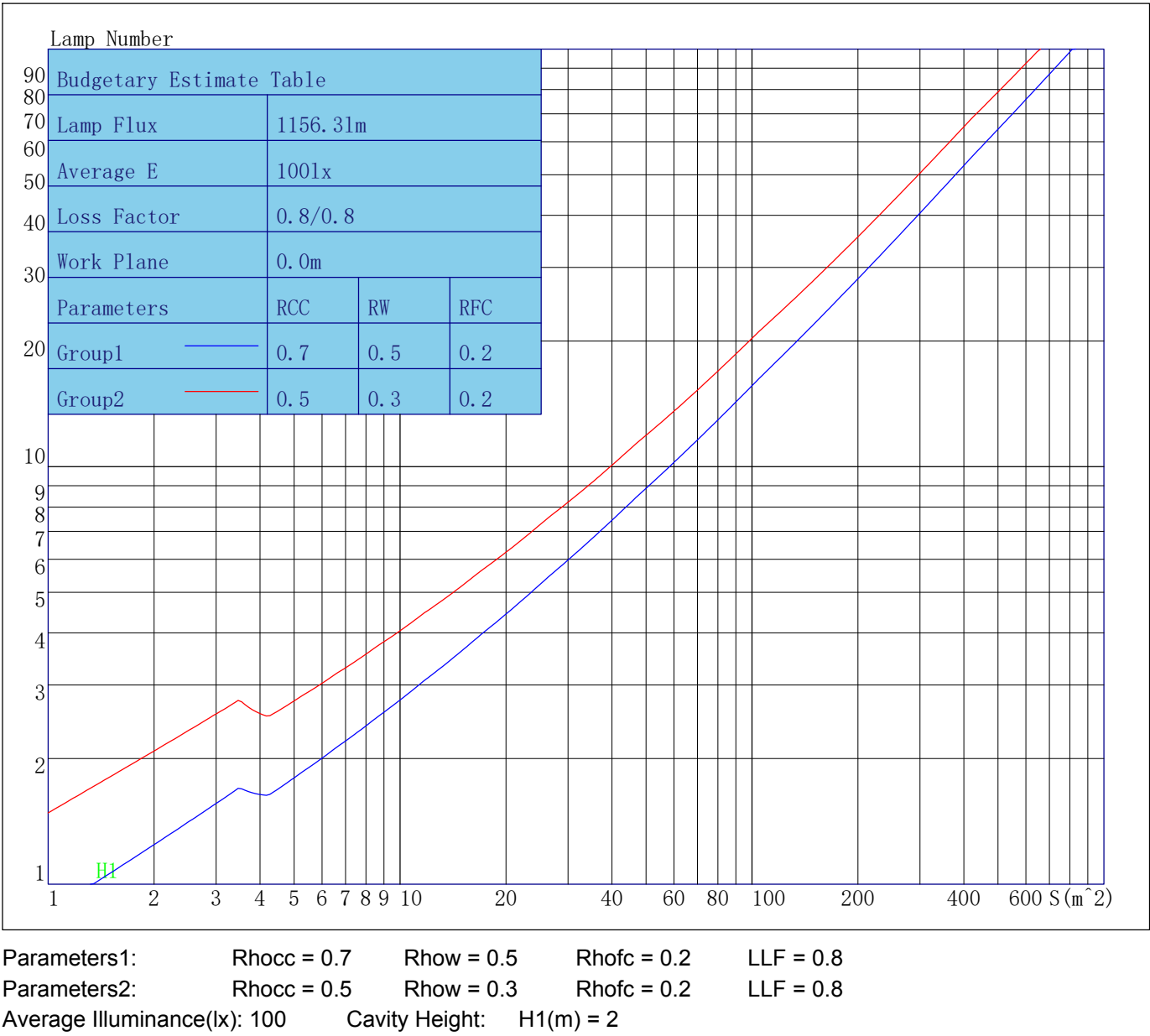
Luminance Limiting Curve



Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: C90-C270 Color:

Indoor Budgetary Estimate Table

Table with 3 columns: Lum. Name, Lum. Catalog, Test ID, Lamp Name, Lamp Catalog, Test Lab, Manufacture, Test Machine, Test Date.



Indoor Coefficient of Utilization Table

| | | |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catelog: | Test ID: |
| Lamp Name: | Lamp Catelog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2021/10/06 |

| Coefficients of Utilization - Zonal Cavity Method | | | | | | | | | | | | | | | | | | |
|---|---|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| Coef. | Effective Floor Cavity Reflectance RFC=0.20 | | | | | | | | | | | | | | | | | |
| RhoCC (%) | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
| RhoW (%) | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | Coefficient of Utilization(%) | | | | | | | | | | | | | | | | | |
| 0 | 109 | 109 | 109 | 109 | 102 | 102 | 102 | 102 | 88 | 88 | 88 | 76 | 76 | 76 | 64 | 64 | 64 | 59 |
| 1 | 95 | 89 | 83 | 78 | 88 | 83 | 77 | 73 | 71 | 67 | 63 | 60 | 57 | 54 | 50 | 47 | 45 | 40 |
| 2 | 85 | 75 | 67 | 60 | 78 | 70 | 63 | 56 | 59 | 54 | 49 | 50 | 46 | 42 | 41 | 38 | 35 | 30 |
| 3 | 77 | 65 | 56 | 48 | 70 | 60 | 52 | 45 | 51 | 45 | 39 | 43 | 38 | 33 | 35 | 31 | 28 | 24 |
| 4 | 69 | 56 | 47 | 40 | 64 | 52 | 44 | 37 | 45 | 38 | 32 | 37 | 32 | 28 | 31 | 27 | 23 | 19 |
| 5 | 63 | 50 | 40 | 33 | 58 | 46 | 38 | 31 | 39 | 33 | 27 | 33 | 28 | 23 | 27 | 23 | 19 | 16 |
| 6 | 58 | 44 | 35 | 28 | 54 | 41 | 33 | 27 | 35 | 28 | 23 | 30 | 24 | 20 | 25 | 20 | 17 | 14 |
| 7 | 54 | 40 | 31 | 25 | 49 | 37 | 29 | 23 | 32 | 25 | 20 | 27 | 21 | 17 | 22 | 18 | 14 | 12 |
| 8 | 50 | 36 | 27 | 21 | 46 | 34 | 26 | 20 | 29 | 22 | 18 | 24 | 19 | 15 | 20 | 16 | 13 | 10 |
| 9 | 46 | 33 | 24 | 19 | 43 | 31 | 23 | 18 | 26 | 20 | 16 | 22 | 17 | 13 | 19 | 14 | 11 | 9 |
| 10 | 43 | 30 | 22 | 17 | 40 | 28 | 21 | 16 | 24 | 18 | 14 | 21 | 16 | 12 | 17 | 13 | 10 | 8 |

Unified Glare Rating Table

| | | |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catelog: | Test ID: |
| Lamp Name: | Lamp Catalog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2021/10/06 |

Unified Glare Rating Table

| | | | | | | | | | | |
|---|-----------------|------|------|------|------|---------------|------|------|------|------|
| Ceiling RCC | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 |
| Wall RW | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 |
| Floor RFC | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| Room Size | Vewed crosswise | | | | | Vewed endwise | | | | |
| X=2H Y=2H | 25.2 | 26.3 | 26.0 | 27.2 | 28.3 | 25.2 | 26.2 | 26.0 | 27.1 | 28.3 |
| | 28.4 | 29.4 | 29.2 | 30.3 | 31.4 | 28.4 | 29.4 | 29.2 | 30.3 | 31.4 |
| | 30.2 | 31.2 | 31.1 | 32.1 | 33.2 | 30.2 | 31.1 | 31.0 | 32.0 | 33.2 |
| | 32.2 | 33.1 | 33.1 | 34.0 | 35.2 | 32.2 | 33.1 | 33.1 | 34.0 | 35.2 |
| | 33.3 | 34.2 | 34.2 | 35.1 | 36.3 | 33.3 | 34.2 | 34.2 | 35.1 | 36.3 |
| | 34.6 | 35.4 | 35.5 | 36.3 | 37.5 | 34.6 | 35.4 | 35.5 | 36.3 | 37.5 |
| X=4H Y=2H | 26.4 | 27.3 | 27.2 | 28.2 | 29.4 | 26.3 | 27.3 | 27.2 | 28.2 | 29.4 |
| | 29.7 | 30.6 | 30.6 | 31.5 | 32.7 | 29.7 | 30.5 | 30.6 | 31.5 | 32.6 |
| | 31.7 | 32.5 | 32.6 | 33.4 | 34.6 | 31.6 | 32.4 | 32.5 | 33.4 | 34.5 |
| | 33.8 | 34.5 | 34.7 | 35.5 | 36.7 | 33.8 | 34.5 | 34.7 | 35.5 | 36.7 |
| | 35.0 | 35.7 | 36.0 | 36.7 | 37.9 | 35.0 | 35.7 | 35.9 | 36.6 | 37.8 |
| | 36.4 | 37.0 | 37.4 | 38.0 | 39.2 | 36.4 | 37.0 | 37.3 | 38.0 | 39.2 |
| X=8H Y=4H | 32.5 | 33.1 | 33.4 | 34.1 | 35.3 | 32.5 | 33.1 | 33.4 | 34.1 | 35.3 |
| | 34.9 | 35.5 | 35.9 | 36.5 | 37.8 | 34.9 | 35.5 | 35.8 | 36.5 | 37.8 |
| | 36.3 | 36.8 | 37.3 | 37.8 | 39.0 | 36.3 | 36.8 | 37.2 | 37.8 | 39.0 |
| | 37.9 | 38.4 | 38.9 | 39.3 | 40.6 | 37.9 | 38.4 | 38.8 | 39.3 | 40.6 |
| X=12H Y=4H | 32.7 | 33.3 | 33.7 | 34.3 | 35.5 | 32.7 | 33.3 | 33.6 | 34.3 | 35.5 |
| | 35.3 | 35.8 | 36.2 | 36.7 | 38.0 | 35.3 | 35.8 | 36.2 | 36.7 | 38.0 |
| | 36.8 | 37.2 | 37.7 | 38.2 | 39.5 | 36.8 | 37.2 | 37.7 | 38.2 | 39.5 |
| Variations with the objerver position at spacings | | | | | | | | | | |
| S=1.0H | 0.1/-0.1 | | | | | 0.0/-0.0 | | | | |
| S=1.5H | 0.1/-0.1 | | | | | 0.1/-0.1 | | | | |
| S=2.0H | 0.2/-0.3 | | | | | 0.2/-0.3 | | | | |
| Reduced UGR Table: | | | | | | | | | | |
| Nordic Standard Table: | BK0 | | | | | BK0 | | | | |
| Correction Value | 7.1 | | | | | 7.1 | | | | |

o the CIE Pub.117, data has been corrected, refers to the lamp's lumens 8.2flm.

IES Indoor Report
Photometric Filename:LL-Φ-400-1200-A.IES

Candela Tabulation

| V/H | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 | C300.0 | C330.0 |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| γ0.0 | 117.83 | 117.83 | 117.83 | 117.83 | 117.83 | 117.83 | 117.83 | 117.83 | 117.83 | 117.83 | 117.83 | 117.83 |
| γ1.0 | 117.99 | 117.98 | 117.82 | 117.66 | 117.36 | 117.53 | 118.05 | 117.84 | 117.91 | 117.85 | 117.33 | 117.58 |
| γ2.0 | 117.91 | 117.93 | 117.84 | 117.82 | 117.38 | 117.46 | 117.91 | 118.03 | 118.00 | 117.95 | 117.48 | 117.53 |
| γ3.0 | 117.99 | 117.96 | 117.81 | 117.71 | 117.30 | 117.37 | 117.88 | 117.93 | 117.86 | 117.98 | 117.58 | 117.55 |
| γ4.0 | 118.05 | 117.93 | 117.72 | 117.68 | 117.32 | 117.40 | 117.94 | 118.00 | 117.94 | 118.05 | 117.53 | 117.50 |
| γ5.0 | 117.96 | 117.87 | 117.66 | 117.57 | 117.17 | 117.40 | 117.82 | 118.05 | 117.98 | 118.07 | 117.54 | 117.54 |
| γ6.0 | 117.98 | 117.97 | 117.56 | 117.59 | 117.19 | 117.24 | 117.87 | 117.81 | 117.95 | 117.92 | 117.44 | 117.57 |
| γ7.0 | 118.00 | 117.82 | 117.58 | 117.47 | 117.07 | 117.21 | 117.85 | 117.93 | 117.96 | 117.95 | 117.51 | 117.51 |
| γ8.0 | 117.80 | 117.69 | 117.51 | 117.30 | 116.99 | 117.09 | 117.78 | 117.79 | 118.02 | 118.02 | 117.54 | 117.45 |
| γ9.0 | 117.80 | 117.67 | 117.35 | 117.27 | 116.90 | 117.12 | 117.69 | 117.87 | 117.92 | 117.92 | 117.47 | 117.40 |
| γ10.0 | 117.85 | 117.64 | 117.33 | 117.16 | 116.88 | 117.10 | 117.66 | 117.89 | 117.94 | 117.98 | 117.38 | 117.40 |
| γ11.0 | 117.79 | 117.57 | 117.34 | 117.09 | 116.78 | 116.89 | 117.53 | 117.81 | 117.89 | 117.91 | 117.33 | 117.32 |
| γ12.0 | 117.73 | 117.40 | 117.23 | 117.07 | 116.61 | 116.75 | 117.62 | 117.75 | 117.95 | 117.83 | 117.30 | 117.28 |
| γ13.0 | 117.62 | 117.45 | 117.08 | 116.92 | 116.52 | 116.75 | 117.55 | 117.79 | 117.90 | 117.83 | 117.23 | 117.20 |
| γ14.0 | 117.60 | 117.37 | 117.05 | 116.74 | 116.30 | 116.61 | 117.46 | 117.71 | 117.85 | 117.80 | 117.25 | 117.15 |
| γ15.0 | 117.53 | 117.25 | 116.89 | 116.74 | 116.24 | 116.38 | 117.24 | 117.65 | 117.87 | 117.79 | 117.18 | 117.06 |
| γ16.0 | 117.47 | 117.22 | 116.76 | 116.66 | 116.14 | 116.31 | 117.30 | 117.62 | 117.78 | 117.76 | 117.05 | 116.98 |
| γ17.0 | 117.32 | 117.14 | 116.77 | 116.47 | 115.93 | 116.26 | 117.26 | 117.56 | 117.73 | 117.70 | 117.01 | 116.85 |
| γ18.0 | 117.25 | 116.96 | 116.62 | 116.34 | 115.87 | 116.16 | 117.11 | 117.40 | 117.68 | 117.53 | 116.94 | 116.70 |
| γ19.0 | 117.11 | 116.88 | 116.49 | 116.25 | 115.72 | 116.08 | 117.07 | 117.38 | 117.54 | 117.49 | 116.83 | 116.68 |
| γ20.0 | 117.04 | 116.88 | 116.33 | 116.09 | 115.63 | 115.93 | 116.86 | 117.29 | 117.64 | 117.40 | 116.76 | 116.44 |
| γ21.0 | 116.95 | 116.68 | 116.28 | 115.95 | 115.44 | 115.79 | 116.68 | 117.27 | 117.47 | 117.30 | 116.62 | 116.36 |
| γ22.0 | 116.75 | 116.61 | 116.15 | 115.70 | 115.31 | 115.63 | 116.70 | 117.14 | 117.44 | 117.17 | 116.55 | 116.35 |
| γ23.0 | 116.70 | 116.49 | 116.10 | 115.68 | 115.06 | 115.42 | 116.51 | 117.04 | 117.27 | 117.12 | 116.50 | 116.12 |
| γ24.0 | 116.56 | 116.29 | 115.88 | 115.46 | 115.05 | 115.29 | 116.30 | 116.91 | 117.28 | 116.96 | 116.28 | 116.07 |
| γ25.0 | 116.49 | 116.24 | 115.72 | 115.38 | 114.80 | 115.14 | 116.38 | 116.93 | 117.11 | 116.87 | 116.16 | 115.82 |
| γ26.0 | 116.19 | 116.12 | 115.69 | 115.21 | 114.63 | 115.05 | 116.21 | 116.77 | 117.08 | 116.81 | 116.12 | 115.63 |
| γ27.0 | 116.04 | 115.98 | 115.50 | 115.12 | 114.49 | 114.87 | 116.00 | 116.58 | 116.94 | 116.66 | 115.93 | 115.55 |
| γ28.0 | 116.04 | 115.92 | 115.38 | 114.93 | 114.32 | 114.64 | 115.82 | 116.62 | 116.78 | 116.54 | 115.76 | 115.39 |
| γ29.0 | 115.94 | 115.84 | 115.20 | 114.76 | 114.27 | 114.53 | 115.73 | 116.47 | 116.74 | 116.36 | 115.53 | 115.23 |
| γ30.0 | 115.74 | 115.60 | 115.06 | 114.50 | 114.06 | 114.34 | 115.63 | 116.34 | 116.66 | 116.27 | 115.51 | 114.95 |
| γ31.0 | 115.50 | 115.47 | 114.87 | 114.34 | 113.87 | 114.12 | 115.38 | 116.18 | 116.43 | 116.11 | 115.29 | 114.88 |
| γ32.0 | 115.34 | 115.31 | 114.87 | 114.23 | 113.59 | 113.94 | 115.37 | 116.15 | 116.37 | 115.95 | 115.07 | 114.75 |
| γ33.0 | 115.31 | 115.20 | 114.71 | 114.09 | 113.59 | 113.74 | 115.18 | 115.93 | 116.22 | 115.76 | 114.95 | 114.54 |
| γ34.0 | 115.06 | 115.09 | 114.40 | 113.93 | 113.30 | 113.55 | 115.01 | 115.79 | 116.08 | 115.58 | 114.68 | 114.33 |
| γ35.0 | 114.89 | 114.88 | 114.39 | 113.73 | 113.00 | 113.42 | 114.84 | 115.70 | 116.03 | 115.44 | 114.52 | 114.11 |
| γ36.0 | 114.76 | 114.67 | 114.17 | 113.57 | 112.87 | 113.11 | 114.66 | 115.42 | 115.90 | 115.27 | 114.24 | 113.90 |
| γ37.0 | 114.58 | 114.59 | 114.11 | 113.49 | 112.58 | 113.00 | 114.47 | 115.35 | 115.67 | 115.18 | 114.07 | 113.62 |
| γ38.0 | 114.45 | 114.46 | 113.98 | 113.25 | 112.46 | 112.76 | 114.33 | 115.21 | 115.50 | 114.82 | 113.89 | 113.50 |
| γ39.0 | 114.19 | 114.23 | 113.73 | 113.10 | 112.15 | 112.64 | 114.11 | 115.10 | 115.38 | 114.71 | 113.61 | 113.22 |
| γ40.0 | 114.12 | 114.24 | 113.58 | 112.90 | 112.04 | 112.40 | 114.02 | 114.89 | 115.31 | 114.53 | 113.45 | 112.95 |
| γ41.0 | 113.91 | 113.94 | 113.36 | 112.68 | 111.74 | 112.09 | 113.81 | 114.81 | 115.06 | 114.46 | 113.11 | 112.70 |
| γ42.0 | 113.65 | 113.79 | 113.27 | 112.49 | 111.48 | 112.00 | 113.59 | 114.66 | 114.91 | 114.21 | 112.91 | 112.50 |
| γ43.0 | 113.37 | 113.60 | 112.93 | 112.39 | 111.31 | 111.75 | 113.44 | 114.35 | 114.75 | 113.99 | 112.78 | 112.32 |
| γ44.0 | 113.27 | 113.45 | 112.73 | 112.14 | 111.17 | 111.60 | 113.25 | 114.28 | 114.54 | 113.74 | 112.54 | 112.12 |
| γ45.0 | 113.04 | 113.19 | 112.66 | 111.97 | 110.96 | 111.35 | 113.03 | 114.13 | 114.38 | 113.53 | 112.25 | 111.77 |
| γ46.0 | 112.84 | 113.01 | 112.44 | 111.85 | 110.72 | 111.16 | 112.75 | 113.89 | 114.03 | 113.21 | 112.00 | 111.59 |

IES Indoor Report
Photometric Filename:LL-Φ-400-1200-A.IES

Candela Tabulation - (Cont.)

| V/H | C0. 0 | C30. 0 | C60. 0 | C90. 0 | C120. 0 | C150. 0 | C180. 0 | C210. 0 | C240. 0 | C270. 0 | C300. 0 | C330. 0 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| γ 47. 0 | 112. 57 | 112. 90 | 112. 27 | 111. 47 | 110. 46 | 110. 96 | 112. 66 | 113. 76 | 113. 99 | 113. 08 | 111. 75 | 111. 29 |
| γ 48. 0 | 112. 35 | 112. 61 | 112. 06 | 111. 34 | 110. 31 | 110. 67 | 112. 34 | 113. 50 | 113. 86 | 112. 81 | 111. 55 | 110. 95 |
| γ 49. 0 | 112. 01 | 112. 37 | 111. 91 | 111. 23 | 110. 00 | 110. 51 | 112. 13 | 113. 26 | 113. 58 | 112. 57 | 111. 30 | 110. 81 |
| γ 50. 0 | 111. 86 | 112. 22 | 111. 69 | 111. 02 | 109. 74 | 110. 33 | 111. 96 | 113. 06 | 113. 38 | 112. 29 | 111. 05 | 110. 52 |
| γ 51. 0 | 111. 60 | 112. 04 | 111. 45 | 110. 71 | 109. 52 | 110. 04 | 111. 75 | 112. 94 | 113. 19 | 112. 24 | 110. 91 | 110. 33 |
| γ 52. 0 | 111. 33 | 111. 77 | 111. 26 | 110. 53 | 109. 22 | 109. 78 | 111. 42 | 112. 71 | 113. 00 | 111. 87 | 110. 47 | 110. 02 |
| γ 53. 0 | 111. 07 | 111. 54 | 111. 03 | 110. 24 | 109. 01 | 109. 55 | 111. 23 | 112. 51 | 112. 67 | 111. 67 | 110. 29 | 109. 76 |
| γ 54. 0 | 110. 83 | 111. 21 | 110. 77 | 110. 08 | 108. 80 | 109. 36 | 111. 03 | 112. 09 | 112. 42 | 111. 32 | 110. 01 | 109. 51 |
| γ 55. 0 | 110. 61 | 111. 10 | 110. 53 | 109. 81 | 108. 46 | 109. 14 | 110. 80 | 111. 91 | 112. 25 | 111. 18 | 109. 73 | 109. 17 |
| γ 56. 0 | 110. 31 | 110. 86 | 110. 29 | 109. 65 | 108. 27 | 108. 87 | 110. 56 | 111. 71 | 111. 92 | 110. 81 | 109. 38 | 108. 99 |
| γ 57. 0 | 110. 08 | 110. 65 | 110. 13 | 109. 43 | 107. 99 | 108. 64 | 110. 44 | 111. 44 | 111. 73 | 110. 50 | 109. 14 | 108. 60 |
| γ 58. 0 | 109. 85 | 110. 40 | 109. 80 | 109. 11 | 107. 84 | 108. 37 | 110. 03 | 111. 10 | 111. 49 | 110. 30 | 108. 87 | 108. 32 |
| γ 59. 0 | 109. 56 | 110. 17 | 109. 54 | 108. 85 | 107. 46 | 108. 08 | 109. 81 | 110. 90 | 111. 29 | 109. 98 | 108. 63 | 108. 06 |
| γ 60. 0 | 109. 25 | 109. 85 | 109. 33 | 108. 71 | 107. 32 | 107. 82 | 109. 52 | 110. 62 | 110. 88 | 109. 81 | 108. 29 | 107. 79 |
| γ 61. 0 | 108. 99 | 109. 71 | 109. 10 | 108. 37 | 106. 95 | 107. 64 | 109. 35 | 110. 31 | 110. 65 | 109. 44 | 107. 98 | 107. 55 |
| γ 62. 0 | 108. 65 | 109. 39 | 108. 78 | 108. 14 | 106. 79 | 107. 29 | 109. 09 | 110. 04 | 110. 49 | 109. 10 | 107. 74 | 107. 31 |
| γ 63. 0 | 108. 39 | 109. 17 | 108. 63 | 107. 87 | 106. 33 | 107. 05 | 108. 74 | 109. 79 | 110. 12 | 108. 80 | 107. 38 | 107. 00 |
| γ 64. 0 | 108. 05 | 108. 95 | 108. 29 | 107. 68 | 106. 23 | 106. 74 | 108. 59 | 109. 40 | 109. 77 | 108. 60 | 107. 15 | 106. 73 |
| γ 65. 0 | 107. 80 | 108. 71 | 107. 98 | 107. 38 | 105. 87 | 106. 52 | 108. 21 | 109. 14 | 109. 49 | 108. 25 | 106. 75 | 106. 33 |
| γ 66. 0 | 107. 51 | 108. 32 | 107. 78 | 107. 11 | 105. 58 | 106. 22 | 107. 86 | 108. 87 | 109. 15 | 107. 88 | 106. 54 | 106. 11 |
| γ 67. 0 | 107. 17 | 108. 12 | 107. 43 | 106. 82 | 105. 33 | 105. 94 | 107. 53 | 108. 54 | 108. 92 | 107. 56 | 106. 12 | 105. 72 |
| γ 68. 0 | 106. 86 | 107. 82 | 107. 22 | 106. 49 | 104. 98 | 105. 65 | 107. 29 | 108. 16 | 108. 53 | 107. 22 | 105. 85 | 105. 45 |
| γ 69. 0 | 106. 68 | 107. 46 | 106. 89 | 106. 22 | 104. 73 | 105. 29 | 107. 01 | 107. 88 | 108. 17 | 106. 86 | 105. 61 | 105. 21 |
| γ 70. 0 | 106. 25 | 107. 19 | 106. 76 | 105. 88 | 104. 49 | 104. 96 | 106. 68 | 107. 58 | 107. 84 | 106. 49 | 105. 22 | 104. 86 |
| γ 71. 0 | 105. 96 | 106. 87 | 106. 29 | 105. 55 | 104. 16 | 104. 73 | 106. 38 | 107. 20 | 107. 51 | 106. 19 | 104. 76 | 104. 47 |
| γ 72. 0 | 105. 48 | 106. 57 | 105. 99 | 105. 24 | 103. 75 | 104. 46 | 106. 07 | 106. 87 | 107. 17 | 105. 86 | 104. 56 | 104. 17 |
| γ 73. 0 | 105. 20 | 106. 20 | 105. 59 | 104. 92 | 103. 55 | 104. 07 | 105. 72 | 106. 42 | 106. 80 | 105. 52 | 104. 28 | 103. 88 |
| γ 74. 0 | 104. 92 | 105. 88 | 105. 38 | 104. 64 | 103. 18 | 103. 74 | 105. 41 | 106. 13 | 106. 39 | 105. 18 | 103. 84 | 103. 46 |
| γ 75. 0 | 104. 51 | 105. 53 | 105. 02 | 104. 32 | 102. 77 | 103. 48 | 105. 14 | 105. 71 | 106. 00 | 104. 71 | 103. 46 | 103. 07 |
| γ 76. 0 | 104. 06 | 105. 18 | 104. 66 | 104. 00 | 102. 35 | 102. 97 | 104. 76 | 105. 32 | 105. 64 | 104. 36 | 103. 04 | 102. 77 |
| γ 77. 0 | 103. 77 | 104. 74 | 104. 35 | 103. 59 | 102. 11 | 102. 67 | 104. 37 | 104. 95 | 105. 12 | 103. 90 | 102. 65 | 102. 31 |
| γ 78. 0 | 103. 38 | 104. 44 | 104. 03 | 103. 27 | 101. 71 | 102. 38 | 103. 96 | 104. 57 | 104. 88 | 103. 47 | 102. 22 | 101. 94 |
| γ 79. 0 | 103. 03 | 103. 94 | 103. 54 | 102. 92 | 101. 36 | 101. 96 | 103. 58 | 104. 15 | 104. 36 | 103. 02 | 101. 89 | 101. 54 |
| γ 80. 0 | 102. 60 | 103. 54 | 103. 23 | 102. 47 | 101. 04 | 101. 50 | 103. 22 | 103. 57 | 103. 90 | 102. 64 | 101. 50 | 101. 09 |
| γ 81. 0 | 102. 25 | 103. 24 | 102. 78 | 102. 07 | 100. 69 | 101. 18 | 102. 69 | 103. 26 | 103. 48 | 102. 27 | 101. 03 | 100. 74 |
| γ 82. 0 | 101. 69 | 102. 83 | 102. 40 | 101. 71 | 100. 21 | 100. 70 | 102. 21 | 102. 72 | 103. 02 | 101. 71 | 100. 63 | 100. 28 |
| γ 83. 0 | 101. 28 | 102. 28 | 102. 00 | 101. 37 | 99. 73 | 100. 33 | 101. 85 | 102. 23 | 102. 48 | 101. 30 | 100. 17 | 99. 87 |
| γ 84. 0 | 100. 86 | 101. 79 | 101. 55 | 100. 76 | 99. 32 | 99. 88 | 101. 40 | 101. 85 | 102. 02 | 100. 85 | 99. 68 | 99. 42 |
| γ 85. 0 | 100. 42 | 101. 45 | 101. 13 | 100. 44 | 98. 95 | 99. 47 | 100. 92 | 101. 33 | 101. 52 | 100. 37 | 99. 25 | 98. 93 |
| γ 86. 0 | 99. 98 | 100. 97 | 100. 68 | 100. 00 | 98. 58 | 99. 02 | 100. 45 | 100. 72 | 101. 08 | 99. 93 | 98. 87 | 98. 55 |
| γ 87. 0 | 99. 60 | 100. 56 | 100. 13 | 99. 54 | 98. 13 | 98. 66 | 100. 04 | 100. 19 | 100. 50 | 99. 48 | 98. 30 | 98. 12 |
| γ 88. 0 | 99. 06 | 99. 95 | 99. 65 | 99. 09 | 97. 66 | 98. 08 | 99. 47 | 99. 77 | 100. 01 | 98. 89 | 97. 77 | 97. 58 |
| γ 89. 0 | 98. 58 | 99. 49 | 99. 30 | 98. 60 | 97. 16 | 97. 68 | 99. 04 | 99. 21 | 99. 49 | 98. 37 | 97. 28 | 97. 23 |
| γ 90. 0 | 98. 12 | 99. 12 | 98. 71 | 98. 14 | 96. 77 | 97. 07 | 98. 55 | 98. 81 | 98. 93 | 97. 89 | 96. 77 | 96. 64 |
| γ 91. 0 | 97. 70 | 98. 55 | 98. 20 | 97. 66 | 96. 25 | 96. 71 | 97. 94 | 98. 15 | 98. 45 | 97. 37 | 96. 35 | 96. 24 |
| γ 92. 0 | 97. 06 | 98. 10 | 97. 72 | 97. 20 | 95. 83 | 96. 23 | 97. 49 | 97. 62 | 97. 82 | 96. 69 | 95. 86 | 95. 79 |
| γ 93. 0 | 96. 50 | 97. 47 | 97. 36 | 96. 70 | 95. 28 | 95. 77 | 96. 99 | 97. 07 | 97. 36 | 96. 24 | 95. 35 | 95. 19 |

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Photometric Filename:LL-Φ-400-1200-A.IES

Candela Tabulation - (Cont.)

| V/H | C0. 0 | C30. 0 | C60. 0 | C90. 0 | C120. 0 | C150. 0 | C180. 0 | C210. 0 | C240. 0 | C270. 0 | C300. 0 | C330. 0 |
|----------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| γ 94. 0 | 96. 05 | 96. 98 | 96. 69 | 96. 25 | 94. 84 | 95. 24 | 96. 40 | 96. 50 | 96. 85 | 95. 62 | 94. 81 | 94. 74 |
| γ 95. 0 | 95. 60 | 96. 36 | 96. 21 | 95. 64 | 94. 39 | 94. 71 | 96. 00 | 95. 95 | 96. 10 | 95. 14 | 94. 30 | 94. 24 |
| γ 96. 0 | 95. 03 | 95. 88 | 95. 62 | 95. 21 | 93. 85 | 94. 19 | 95. 38 | 95. 36 | 95. 59 | 94. 58 | 93. 76 | 93. 64 |
| γ 97. 0 | 94. 44 | 95. 35 | 95. 12 | 94. 74 | 93. 34 | 93. 73 | 94. 86 | 94. 75 | 94. 94 | 94. 11 | 93. 16 | 93. 10 |
| γ 98. 0 | 93. 96 | 94. 82 | 94. 56 | 94. 08 | 92. 82 | 93. 09 | 94. 17 | 94. 15 | 94. 46 | 93. 51 | 92. 65 | 92. 61 |
| γ 99. 0 | 93. 46 | 94. 20 | 94. 00 | 93. 59 | 92. 30 | 92. 65 | 93. 71 | 93. 61 | 93. 84 | 92. 92 | 92. 14 | 92. 08 |
| γ 100. 0 | 92. 82 | 93. 61 | 93. 43 | 93. 13 | 91. 84 | 92. 07 | 93. 13 | 93. 00 | 93. 16 | 92. 33 | 91. 69 | 91. 54 |
| γ 101. 0 | 92. 28 | 93. 05 | 92. 89 | 92. 48 | 91. 18 | 91. 48 | 92. 64 | 92. 35 | 92. 53 | 91. 74 | 91. 11 | 90. 98 |
| γ 102. 0 | 91. 70 | 92. 43 | 92. 24 | 91. 95 | 90. 67 | 90. 88 | 92. 09 | 91. 68 | 91. 94 | 91. 09 | 90. 49 | 90. 50 |
| γ 103. 0 | 91. 17 | 91. 91 | 91. 64 | 91. 40 | 90. 18 | 90. 27 | 91. 33 | 91. 18 | 91. 29 | 90. 66 | 89. 97 | 89. 95 |
| γ 104. 0 | 90. 62 | 91. 18 | 91. 13 | 90. 83 | 89. 57 | 89. 80 | 90. 77 | 90. 61 | 90. 73 | 89. 86 | 89. 21 | 89. 39 |
| γ 105. 0 | 90. 01 | 90. 70 | 90. 52 | 90. 35 | 88. 96 | 89. 05 | 90. 13 | 89. 91 | 90. 01 | 89. 39 | 88. 66 | 88. 74 |
| γ 106. 0 | 89. 37 | 90. 01 | 89. 87 | 89. 71 | 88. 55 | 88. 54 | 89. 55 | 89. 36 | 89. 45 | 88. 64 | 88. 11 | 88. 22 |
| γ 107. 0 | 88. 81 | 89. 35 | 89. 17 | 89. 06 | 87. 82 | 87. 84 | 88. 91 | 88. 68 | 88. 81 | 88. 00 | 87. 42 | 87. 57 |
| γ 108. 0 | 88. 16 | 88. 76 | 88. 71 | 88. 50 | 87. 19 | 87. 21 | 88. 15 | 87. 86 | 88. 19 | 87. 36 | 86. 77 | 87. 02 |
| γ 109. 0 | 87. 59 | 87. 99 | 88. 01 | 87. 92 | 86. 61 | 86. 58 | 87. 54 | 87. 08 | 87. 43 | 86. 68 | 86. 17 | 86. 48 |
| γ 110. 0 | 86. 92 | 87. 04 | 87. 31 | 87. 41 | 86. 02 | 85. 92 | 86. 97 | 86. 02 | 86. 77 | 85. 88 | 85. 53 | 85. 75 |
| γ 111. 0 | 86. 24 | 86. 24 | 86. 63 | 86. 63 | 85. 39 | 85. 25 | 86. 26 | 85. 04 | 86. 08 | 85. 34 | 84. 92 | 85. 22 |
| γ 112. 0 | 85. 48 | 85. 19 | 85. 89 | 86. 03 | 84. 73 | 84. 61 | 85. 62 | 83. 88 | 85. 23 | 84. 66 | 84. 13 | 84. 55 |
| γ 113. 0 | 84. 93 | 83. 96 | 85. 08 | 85. 44 | 83. 97 | 84. 00 | 84. 92 | 82. 78 | 84. 05 | 83. 91 | 83. 62 | 83. 94 |
| γ 114. 0 | 84. 14 | 82. 92 | 84. 14 | 84. 78 | 83. 46 | 83. 29 | 84. 22 | 81. 65 | 82. 63 | 83. 27 | 82. 91 | 83. 33 |
| γ 115. 0 | 83. 59 | 81. 81 | 83. 07 | 84. 06 | 82. 74 | 82. 71 | 83. 57 | 80. 27 | 81. 01 | 82. 59 | 82. 29 | 82. 66 |
| γ 116. 0 | 82. 82 | 80. 70 | 81. 97 | 83. 38 | 82. 11 | 82. 01 | 82. 93 | 78. 99 | 79. 38 | 81. 81 | 81. 66 | 82. 06 |
| γ 117. 0 | 82. 16 | 79. 57 | 80. 68 | 82. 79 | 81. 42 | 81. 35 | 82. 18 | 77. 85 | 77. 48 | 81. 14 | 80. 92 | 81. 33 |
| γ 118. 0 | 81. 52 | 78. 72 | 79. 59 | 82. 22 | 80. 73 | 80. 63 | 81. 52 | 76. 51 | 75. 42 | 80. 45 | 80. 24 | 80. 75 |
| γ 119. 0 | 80. 86 | 77. 47 | 78. 20 | 81. 43 | 80. 08 | 80. 05 | 80. 79 | 75. 39 | 73. 52 | 79. 76 | 79. 56 | 80. 11 |
| γ 120. 0 | 80. 20 | 76. 61 | 76. 92 | 80. 69 | 79. 57 | 79. 31 | 80. 21 | 74. 02 | 71. 44 | 78. 92 | 78. 89 | 79. 29 |
| γ 121. 0 | 79. 40 | 75. 63 | 75. 61 | 80. 04 | 78. 89 | 78. 65 | 79. 54 | 72. 70 | 69. 46 | 78. 25 | 78. 27 | 78. 75 |
| γ 122. 0 | 78. 88 | 74. 69 | 74. 37 | 79. 43 | 78. 22 | 77. 97 | 78. 81 | 71. 46 | 67. 61 | 77. 29 | 77. 58 | 78. 13 |
| γ 123. 0 | 78. 18 | 73. 73 | 73. 10 | 78. 76 | 77. 52 | 77. 23 | 78. 19 | 70. 24 | 65. 94 | 76. 17 | 76. 94 | 77. 50 |
| γ 124. 0 | 77. 49 | 72. 78 | 72. 12 | 78. 18 | 76. 89 | 76. 71 | 77. 44 | 69. 03 | 64. 39 | 75. 21 | 76. 51 | 76. 85 |
| γ 125. 0 | 76. 78 | 71. 82 | 71. 07 | 77. 46 | 76. 29 | 76. 11 | 76. 82 | 67. 88 | 63. 08 | 74. 24 | 75. 67 | 76. 26 |
| γ 126. 0 | 76. 12 | 70. 73 | 70. 16 | 76. 82 | 75. 64 | 75. 38 | 76. 21 | 66. 72 | 61. 72 | 73. 05 | 75. 02 | 75. 64 |
| γ 127. 0 | 75. 51 | 69. 79 | 69. 17 | 76. 13 | 75. 02 | 74. 77 | 75. 49 | 65. 62 | 60. 47 | 71. 80 | 74. 42 | 74. 93 |
| γ 128. 0 | 74. 75 | 68. 77 | 68. 18 | 75. 41 | 74. 32 | 74. 10 | 74. 74 | 64. 50 | 59. 33 | 70. 77 | 73. 75 | 74. 23 |
| γ 129. 0 | 74. 00 | 67. 71 | 67. 28 | 74. 71 | 73. 63 | 73. 40 | 74. 08 | 63. 33 | 58. 24 | 69. 74 | 73. 07 | 73. 58 |
| γ 130. 0 | 73. 32 | 66. 78 | 66. 53 | 73. 99 | 73. 12 | 72. 89 | 73. 37 | 62. 31 | 57. 17 | 68. 64 | 72. 24 | 72. 98 |
| γ 131. 0 | 72. 52 | 65. 82 | 65. 68 | 73. 27 | 72. 44 | 72. 17 | 72. 69 | 61. 23 | 56. 21 | 67. 74 | 71. 55 | 72. 25 |
| γ 132. 0 | 71. 90 | 64. 89 | 64. 99 | 72. 39 | 71. 87 | 71. 64 | 71. 93 | 60. 21 | 55. 24 | 66. 85 | 70. 81 | 71. 77 |
| γ 133. 0 | 71. 04 | 63. 94 | 64. 27 | 71. 68 | 71. 18 | 70. 89 | 71. 22 | 59. 29 | 54. 42 | 65. 86 | 70. 19 | 70. 92 |
| γ 134. 0 | 70. 23 | 63. 12 | 63. 58 | 70. 90 | 70. 56 | 70. 13 | 70. 43 | 58. 35 | 53. 67 | 65. 06 | 69. 32 | 70. 30 |
| γ 135. 0 | 69. 49 | 62. 22 | 62. 92 | 70. 05 | 69. 78 | 69. 53 | 69. 65 | 57. 51 | 52. 87 | 64. 10 | 68. 59 | 69. 55 |
| γ 136. 0 | 68. 50 | 61. 35 | 62. 15 | 69. 13 | 69. 15 | 68. 90 | 68. 83 | 56. 93 | 52. 14 | 63. 32 | 67. 76 | 68. 88 |
| γ 137. 0 | 67. 44 | 60. 46 | 61. 58 | 68. 41 | 68. 61 | 68. 09 | 67. 98 | 56. 43 | 51. 59 | 62. 49 | 67. 01 | 68. 33 |
| γ 138. 0 | 66. 41 | 59. 72 | 60. 83 | 67. 71 | 67. 94 | 67. 49 | 66. 87 | 56. 01 | 51. 04 | 61. 69 | 66. 39 | 67. 75 |
| γ 139. 0 | 65. 38 | 59. 19 | 60. 30 | 66. 83 | 67. 25 | 66. 91 | 65. 94 | 55. 64 | 50. 46 | 60. 62 | 65. 49 | 67. 13 |
| γ 140. 0 | 64. 39 | 58. 71 | 59. 77 | 65. 89 | 66. 67 | 66. 15 | 64. 91 | 55. 20 | 49. 90 | 59. 54 | 64. 56 | 66. 56 |

Candela Tabulation - (Cont.)

| V/H | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 | C300.0 | C330.0 |
|---------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| γ 141.0 | 63.32 | 58.38 | 59.36 | 64.99 | 66.05 | 65.47 | 63.93 | 54.83 | 49.44 | 58.42 | 63.85 | 65.93 |
| γ 142.0 | 62.28 | 58.04 | 59.10 | 64.03 | 65.50 | 64.77 | 62.94 | 54.37 | 48.86 | 57.21 | 62.96 | 65.32 |
| γ 143.0 | 61.23 | 57.64 | 58.47 | 63.16 | 64.88 | 64.09 | 61.80 | 54.14 | 48.51 | 55.90 | 62.17 | 64.66 |
| γ 144.0 | 60.24 | 57.38 | 58.22 | 62.25 | 64.18 | 63.45 | 60.67 | 53.83 | 48.13 | 54.67 | 61.16 | 64.07 |
| γ 145.0 | 59.19 | 56.99 | 57.69 | 61.20 | 63.47 | 62.55 | 59.66 | 53.46 | 47.86 | 53.41 | 60.26 | 63.36 |
| γ 146.0 | 58.20 | 56.60 | 57.37 | 60.22 | 62.76 | 61.50 | 58.40 | 53.08 | 47.62 | 52.06 | 59.07 | 62.51 |
| γ 147.0 | 57.11 | 56.25 | 56.92 | 59.28 | 61.64 | 60.31 | 57.40 | 52.61 | 47.35 | 50.79 | 57.90 | 61.44 |
| γ 148.0 | 56.38 | 56.16 | 56.66 | 58.48 | 60.68 | 59.30 | 56.26 | 52.35 | 47.17 | 49.73 | 56.72 | 60.51 |
| γ 149.0 | 55.59 | 55.78 | 56.42 | 57.58 | 59.60 | 58.04 | 55.28 | 51.93 | 46.93 | 48.66 | 55.57 | 59.36 |
| γ 150.0 | 54.79 | 55.57 | 56.10 | 56.63 | 58.52 | 56.76 | 54.37 | 51.53 | 46.71 | 47.57 | 54.33 | 58.13 |
| γ 151.0 | 54.12 | 55.34 | 55.57 | 55.76 | 57.25 | 55.57 | 53.63 | 50.87 | 46.66 | 46.67 | 53.13 | 57.08 |
| γ 152.0 | 53.43 | 54.81 | 55.25 | 54.81 | 56.06 | 54.36 | 52.81 | 50.53 | 46.66 | 45.72 | 52.05 | 55.81 |
| γ 153.0 | 52.91 | 54.61 | 54.94 | 54.00 | 54.80 | 53.20 | 51.91 | 50.04 | 46.66 | 45.01 | 50.85 | 54.52 |
| γ 154.0 | 52.46 | 54.27 | 54.43 | 53.33 | 53.54 | 52.01 | 51.20 | 49.54 | 46.60 | 44.38 | 49.63 | 53.25 |
| γ 155.0 | 52.09 | 53.88 | 53.91 | 52.52 | 52.33 | 50.81 | 50.33 | 48.92 | 46.52 | 43.62 | 48.61 | 52.09 |
| γ 156.0 | 51.51 | 53.52 | 53.47 | 51.94 | 51.01 | 49.65 | 49.46 | 48.37 | 46.47 | 43.13 | 47.43 | 50.86 |
| γ 157.0 | 50.89 | 53.14 | 52.80 | 51.16 | 49.71 | 48.50 | 48.51 | 47.58 | 46.38 | 42.37 | 46.17 | 49.68 |
| γ 158.0 | 50.44 | 52.73 | 52.19 | 50.17 | 48.46 | 47.19 | 47.39 | 46.78 | 46.25 | 41.91 | 45.09 | 48.44 |
| γ 159.0 | 49.78 | 52.13 | 51.38 | 49.27 | 47.37 | 45.90 | 46.37 | 46.04 | 45.86 | 41.58 | 44.01 | 47.24 |
| γ 160.0 | 49.20 | 51.43 | 50.55 | 48.24 | 46.09 | 44.85 | 45.26 | 45.08 | 45.45 | 41.50 | 42.85 | 45.95 |
| γ 161.0 | 48.58 | 50.63 | 49.69 | 47.17 | 44.98 | 43.54 | 44.06 | 44.33 | 44.82 | 41.33 | 41.78 | 44.78 |
| γ 162.0 | 47.96 | 49.86 | 48.75 | 46.16 | 43.81 | 42.45 | 43.03 | 43.42 | 44.27 | 41.19 | 40.71 | 43.44 |
| γ 163.0 | 47.26 | 49.00 | 47.75 | 44.96 | 42.55 | 41.40 | 41.97 | 42.41 | 43.27 | 40.89 | 39.64 | 42.15 |
| γ 164.0 | 46.49 | 48.12 | 46.80 | 43.73 | 41.37 | 40.35 | 40.81 | 41.44 | 42.31 | 40.76 | 38.53 | 40.87 |
| γ 165.0 | 45.79 | 47.15 | 45.65 | 42.57 | 40.08 | 39.47 | 39.61 | 40.40 | 41.45 | 40.12 | 37.43 | 39.44 |
| γ 166.0 | 44.94 | 46.26 | 44.56 | 41.36 | 38.74 | 38.27 | 38.52 | 39.24 | 40.51 | 39.36 | 36.44 | 38.22 |
| γ 167.0 | 44.12 | 45.12 | 43.35 | 40.06 | 37.55 | 37.35 | 37.37 | 38.27 | 39.48 | 38.40 | 35.54 | 36.89 |
| γ 168.0 | 43.32 | 44.04 | 42.23 | 38.81 | 36.29 | 36.33 | 36.09 | 37.31 | 38.42 | 37.24 | 34.54 | 35.61 |
| γ 169.0 | 42.23 | 43.01 | 40.87 | 37.42 | 34.92 | 35.38 | 34.95 | 36.13 | 37.37 | 36.25 | 33.67 | 34.33 |
| γ 170.0 | 41.35 | 42.06 | 39.67 | 36.08 | 33.50 | 34.15 | 33.86 | 35.16 | 36.36 | 35.22 | 32.64 | 32.94 |
| γ 171.0 | 40.41 | 41.03 | 38.33 | 34.75 | 32.25 | 33.23 | 33.03 | 34.83 | 35.80 | 35.13 | 31.92 | 31.72 |
| γ 172.0 | 39.55 | 39.89 | 36.93 | 33.43 | 31.28 | 32.78 | 33.40 | 35.04 | 35.96 | 35.74 | 32.37 | 31.22 |
| γ 173.0 | 38.79 | 38.88 | 35.70 | 32.15 | 31.36 | 33.63 | 33.97 | 35.43 | 36.22 | 36.08 | 33.76 | 32.05 |
| γ 174.0 | 38.81 | 37.91 | 35.02 | 32.34 | 32.47 | 34.94 | 34.77 | 35.70 | 36.60 | 36.61 | 35.49 | 33.30 |
| γ 175.0 | 38.78 | 37.25 | 34.97 | 33.10 | 33.84 | 36.50 | 35.74 | 36.12 | 36.75 | 37.13 | 37.24 | 34.67 |
| γ 176.0 | 38.81 | 36.85 | 35.01 | 34.10 | 35.15 | 37.81 | 36.72 | 36.57 | 36.97 | 37.59 | 38.51 | 35.92 |
| γ 177.0 | 38.96 | 36.82 | 35.40 | 35.15 | 36.68 | 38.97 | 37.73 | 36.89 | 37.17 | 37.93 | 39.44 | 37.24 |
| γ 178.0 | 39.25 | 37.03 | 35.99 | 36.31 | 38.03 | 39.85 | 38.59 | 37.44 | 37.46 | 38.43 | 40.21 | 38.55 |
| γ 179.0 | 39.37 | 37.58 | 36.57 | 37.33 | 39.25 | 40.26 | 39.37 | 37.93 | 37.58 | 38.57 | 40.86 | 39.74 |
| γ 180.0 | 39.04 | 39.04 | 39.04 | 39.04 | 39.04 | 39.04 | 39.04 | 39.04 | 39.04 | 39.04 | 39.04 | 39.04 |