

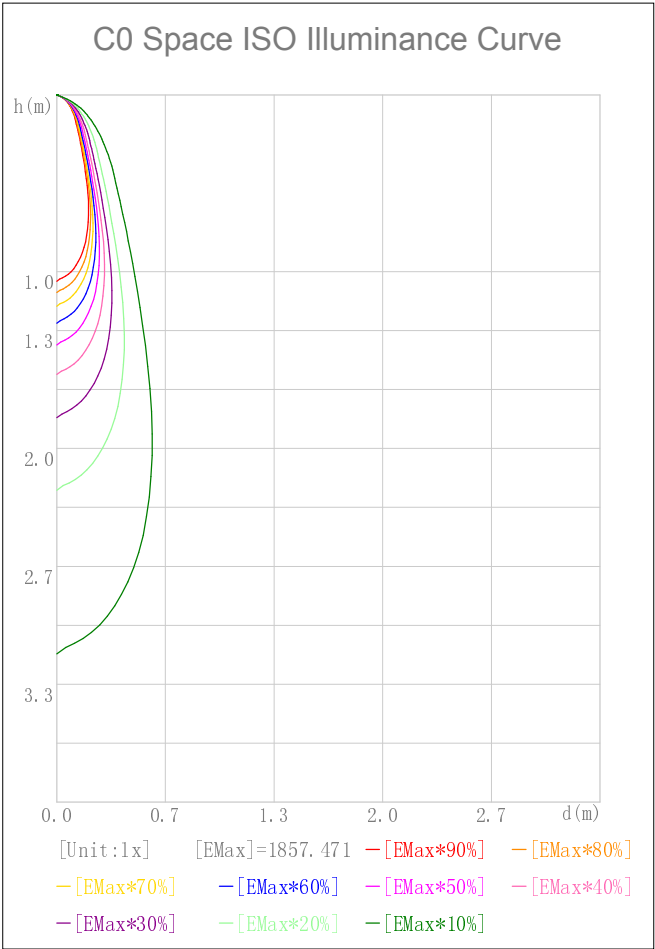
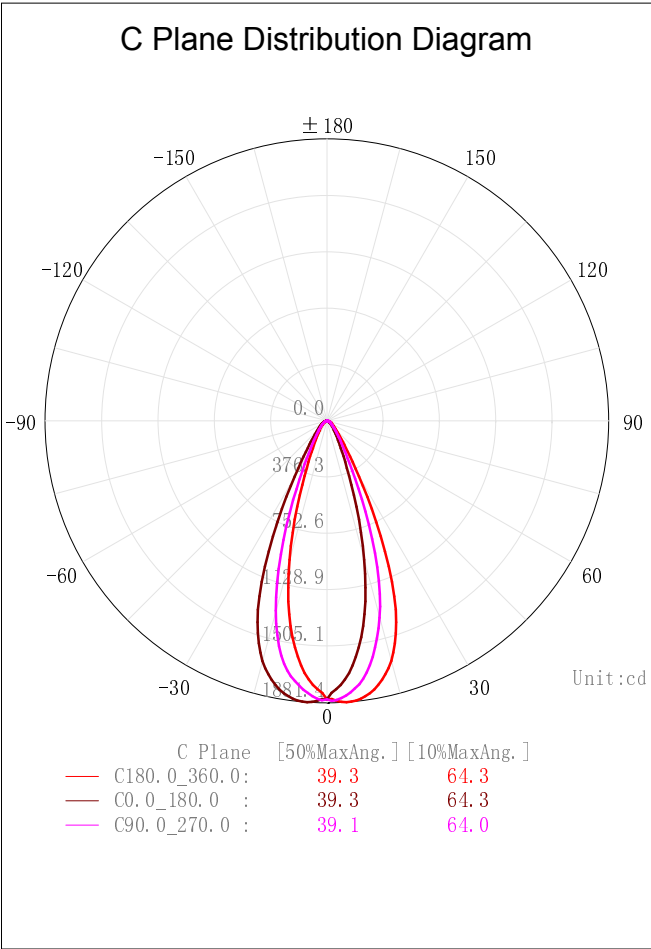
Indoor Luminaire Photometric Data

Description Information

| | | | |
|--|-------------------------|---------------------|-----------------------|
| Luminary Name: 55252 | | Lum. Catalog: | Test ID: |
| Lamp Name: | | Lamp Catalog: | Test Date: 2024/02/28 |
| Manufacture: | | Shld. Ang(°): | Test Machine:GON-2000 |
| Test Lab: | | Frequency (Hz): | Lamp CCT(K): 3000 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(%): 50.0 |

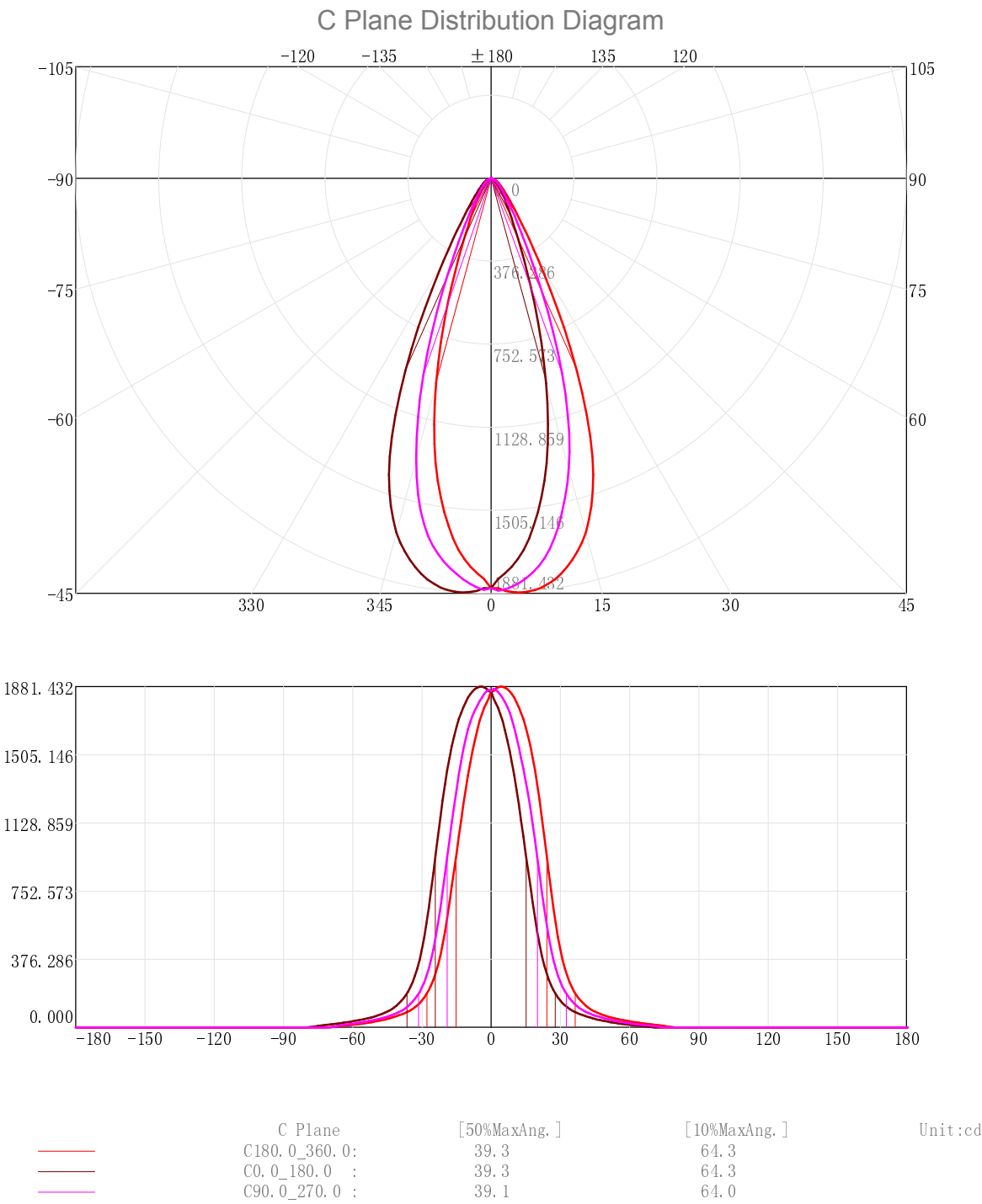
Character Parameter

| Lamp Speciality Parameter | | Luminaire Speciality Parameter | |
|--|---------------------------------|--|--|
| Rated Flux(lm): 951.920 | Luminary Flux(lm): 951.922 | Field Angle(10%Imax): 64.3(°) | |
| Rated Power(W): 10 | Luminary Efficiency: 100.00% | Down Lumens&Percent: 951.922lm 100.00% | |
| Rated Voltage(V): 220 | Luminary EER(lm/W): 97.965 | Up Lumens&Percent: 0.000lm 0.00% | |
| Tested Power(W): 9.717 | Max. Candela(cd): 1881.432 | S/MH: C0_a180=0.658 C90_270=0.651 | |
| Lamps' Inside: 1 | Max Cand@Ang.(°): C=180.0 γ=4.0 | CIE Type: Semi-Direct | |
| Tested Electrics(V, A, pf):221.0, 0.046, 0.951 | Beam Angle(50%Imax): 39.3(°) | ErP Φ use(90°): 899.540lm | |
| Lamp Size(W*L*H):0.050m*-0.050m*0.000m | Left=-15.2°, Right=24.1° | IRF(%): 499.330 | |



2D Plane Light Intensity Distribution Curve

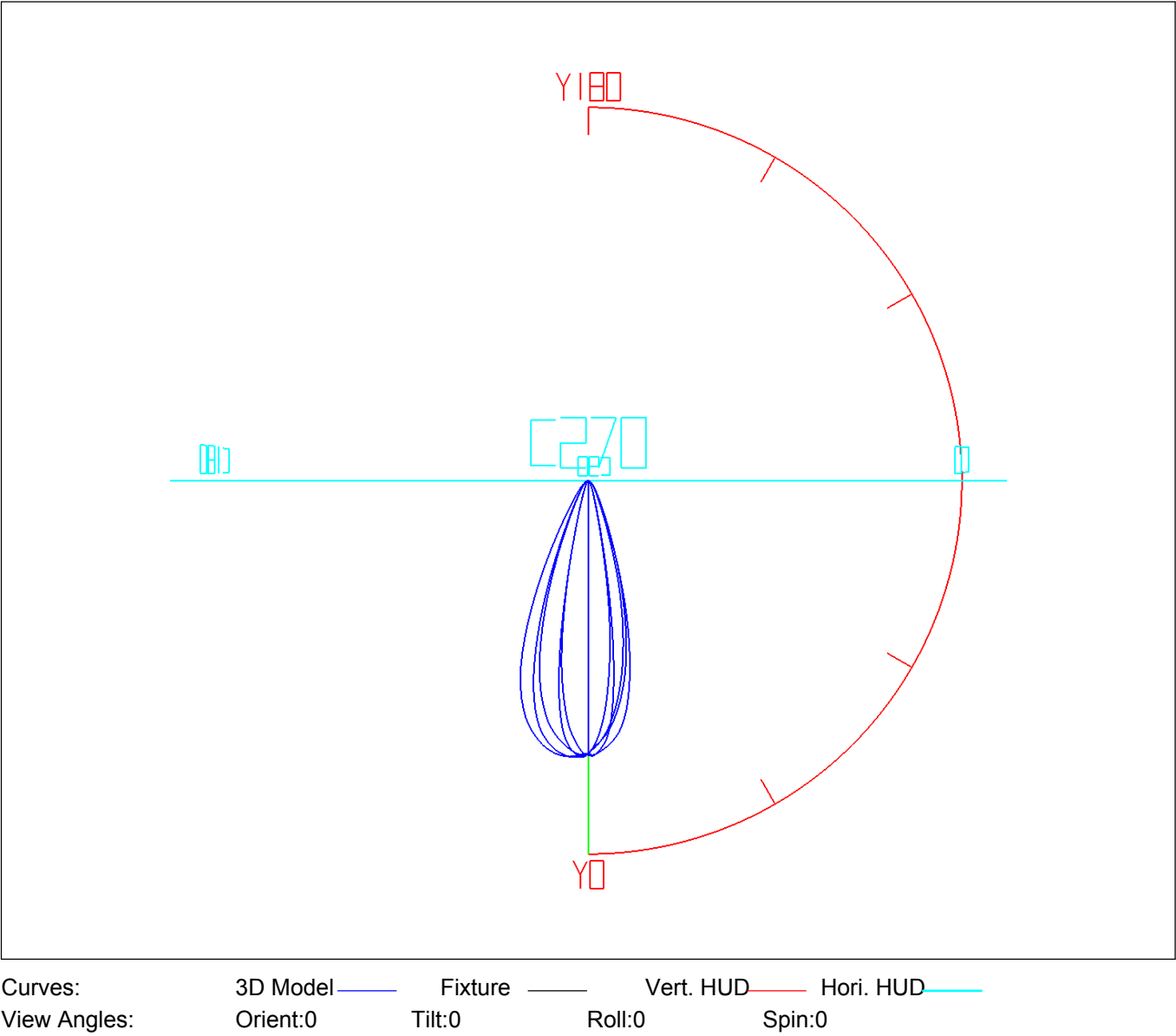
| | | |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catalog: | Test ID: |
| Lamp Name: | Lamp Catalog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2024/02/28 |



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:2024/02/28 |

3D Light Intensity Distribution Modal



Photometric Filename:FL-10W-COB-1000-IH-36度-3000K.IES

| Zone(γ) | Zone Flux (1m) | Sums Flux (1m) | Zone%Lamp | Sums%Lamp | Zone(γ) | Zone Flux (1m) | Sums Flux (1m) | Zone%Lamp | Sums%Lamp |
|-----------|-------------------|-------------------|-----------|-----------|-----------|-------------------|-------------------|-----------|-----------|
| 0.0-1.0 | 1.78 | 1.78 | 0.19 | 0.19 | 47.0-48.0 | 4.39 | 896.92 | 0.46 | 94.22 |
| 1.0-2.0 | 5.32 | 7.10 | 0.56 | 0.75 | 48.0-49.0 | 4.18 | 901.10 | 0.44 | 94.66 |
| 2.0-3.0 | 8.82 | 15.93 | 0.93 | 1.67 | 49.0-50.0 | 3.98 | 905.08 | 0.42 | 95.08 |
| 3.0-4.0 | 12.26 | 28.18 | 1.29 | 2.96 | 50.0-51.0 | 3.79 | 908.87 | 0.40 | 95.48 |
| 4.0-5.0 | 15.59 | 43.78 | 1.64 | 4.60 | 51.0-52.0 | 3.60 | 912.47 | 0.38 | 95.86 |
| 5.0-6.0 | 18.82 | 62.60 | 1.98 | 6.58 | 52.0-53.0 | 3.42 | 915.89 | 0.36 | 96.21 |
| 6.0-7.0 | 21.90 | 84.50 | 2.30 | 8.88 | 53.0-54.0 | 3.24 | 919.13 | 0.34 | 96.56 |
| 7.0-8.0 | 24.83 | 109.33 | 2.61 | 11.48 | 54.0-55.0 | 3.07 | 922.20 | 0.32 | 96.88 |
| 8.0-9.0 | 27.55 | 136.88 | 2.89 | 14.38 | 55.0-56.0 | 2.90 | 925.10 | 0.30 | 97.18 |
| 9.0-10.0 | 30.04 | 166.92 | 3.16 | 17.54 | 56.0-57.0 | 2.74 | 927.84 | 0.29 | 97.47 |
| 10.0-11.0 | 32.25 | 199.17 | 3.39 | 20.92 | 57.0-58.0 | 2.58 | 930.41 | 0.27 | 97.74 |
| 11.0-12.0 | 34.14 | 233.31 | 3.59 | 24.51 | 58.0-59.0 | 2.43 | 932.84 | 0.25 | 98.00 |
| 12.0-13.0 | 35.67 | 268.99 | 3.75 | 28.26 | 59.0-60.0 | 2.28 | 935.12 | 0.24 | 98.23 |
| 13.0-14.0 | 36.84 | 305.83 | 3.87 | 32.13 | 60.0-61.0 | 2.13 | 937.24 | 0.22 | 98.46 |
| 14.0-15.0 | 37.63 | 343.46 | 3.95 | 36.08 | 61.0-62.0 | 1.99 | 939.23 | 0.21 | 98.67 |
| 15.0-16.0 | 37.99 | 381.44 | 3.99 | 40.07 | 62.0-63.0 | 1.85 | 941.08 | 0.19 | 98.86 |
| 16.0-17.0 | 37.90 | 419.34 | 3.98 | 44.05 | 63.0-64.0 | 1.71 | 942.79 | 0.18 | 99.04 |
| 17.0-18.0 | 37.35 | 456.70 | 3.92 | 47.98 | 64.0-65.0 | 1.57 | 944.36 | 0.17 | 99.21 |
| 18.0-19.0 | 36.35 | 493.04 | 3.82 | 51.79 | 65.0-66.0 | 1.43 | 945.79 | 0.15 | 99.36 |
| 19.0-20.0 | 34.93 | 527.97 | 3.67 | 55.46 | 66.0-67.0 | 1.28 | 947.07 | 0.13 | 99.49 |
| 20.0-21.0 | 33.15 | 561.12 | 3.48 | 58.95 | 67.0-68.0 | 1.12 | 948.19 | 0.12 | 99.61 |
| 21.0-22.0 | 31.07 | 592.18 | 3.26 | 62.21 | 68.0-69.0 | 0.95 | 949.14 | 0.10 | 99.71 |
| 22.0-23.0 | 28.78 | 620.96 | 3.02 | 65.23 | 69.0-70.0 | 0.77 | 949.92 | 0.08 | 99.79 |
| 23.0-24.0 | 26.40 | 647.36 | 2.77 | 68.01 | 70.0-71.0 | 0.61 | 950.52 | 0.06 | 99.85 |
| 24.0-25.0 | 24.02 | 671.38 | 2.52 | 70.53 | 71.0-72.0 | 0.46 | 950.98 | 0.05 | 99.90 |
| 25.0-26.0 | 21.75 | 693.13 | 2.28 | 72.81 | 72.0-73.0 | 0.32 | 951.30 | 0.03 | 99.94 |
| 26.0-27.0 | 19.63 | 712.76 | 2.06 | 74.88 | 73.0-74.0 | 0.22 | 951.53 | 0.02 | 99.96 |
| 27.0-28.0 | 17.71 | 730.47 | 1.86 | 76.74 | 74.0-75.0 | 0.16 | 951.69 | 0.02 | 99.98 |
| 28.0-29.0 | 16.00 | 746.46 | 1.68 | 78.42 | 75.0-76.0 | 0.11 | 951.80 | 0.01 | 99.99 |
| 29.0-30.0 | 14.49 | 760.95 | 1.52 | 79.94 | 76.0-77.0 | 0.06 | 951.86 | 0.01 | 99.99 |
| 30.0-31.0 | 13.16 | 774.11 | 1.38 | 81.32 | 77.0-78.0 | 0.04 | 951.90 | 0.00 | 100.00 |
| 31.0-32.0 | 12.01 | 786.12 | 1.26 | 82.58 | 78.0-79.0 | 0.02 | 951.92 | 0.00 | 100.00 |
| 32.0-33.0 | 11.00 | 797.13 | 1.16 | 83.74 | 79.0-80.0 | 0.01 | 951.92 | 0.00 | 100.00 |
| 33.0-34.0 | 10.13 | 807.26 | 1.06 | 84.80 | 80.0-81.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 34.0-35.0 | 9.36 | 816.62 | 0.98 | 85.79 | 81.0-82.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 35.0-36.0 | 8.69 | 825.31 | 0.91 | 86.70 | 82.0-83.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 36.0-37.0 | 8.09 | 8 | | | | | | | |

IES Indoor Report

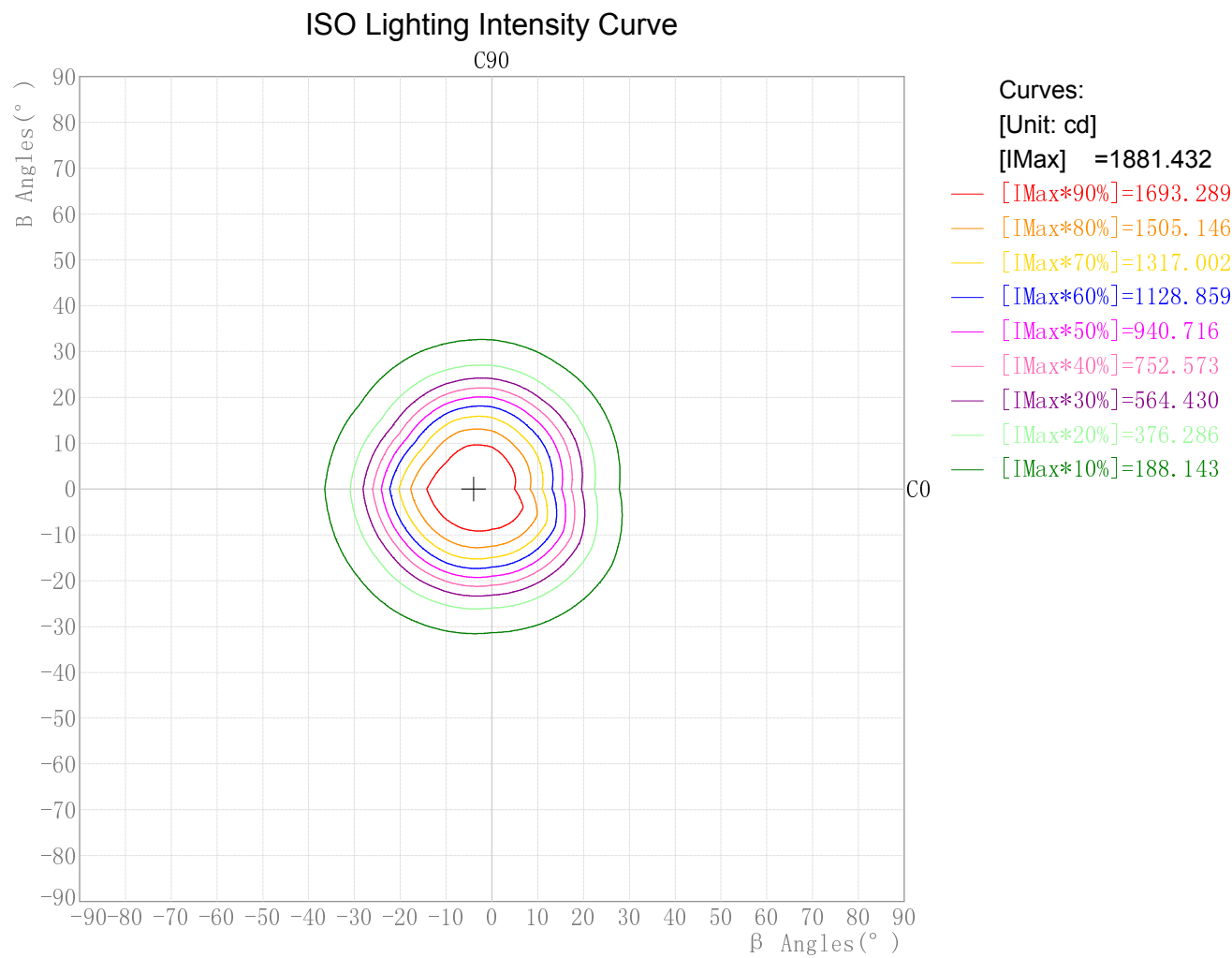
Photometric Filename:FL-10W-COB-1000-IH-36度-3000K.IES

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 | 0.00 | 951.92 | 0.00 | 100.00 | 141.0-142.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 95.0-96.0 | 0.00 | 951.92 | 0.00 | 100.00 | 142.0-143.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 96.0-97.0 | 0.00 | 951.92 | 0.00 | 100.00 | 143.0-144.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 97.0-98.0 | 0.00 | 951.92 | 0.00 | 100.00 | 144.0-145.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 98.0-99.0 | 0.00 | 951.92 | 0.00 | 100.00 | 145.0-146.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 99.0-100.0 | 0.00 | 951.92 | 0.00 | 100.00 | 146.0-147.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 100.0-101.0 | 0.00 | 951.92 | 0.00 | 100.00 | 147.0-148.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 101.0-102.0 | 0.00 | 951.92 | 0.00 | 100.00 | 148.0-149.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 102.0-103.0 | 0.00 | 951.92 | 0.00 | 100.00 | 149.0-150.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 103.0-104.0 | 0.00 | 951.92 | 0.00 | 100.00 | 150.0-151.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 104.0-105.0 | 0.00 | 951.92 | 0.00 | 100.00 | 151.0-152.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 105.0-106.0 | 0.00 | 951.92 | 0.00 | 100.00 | 152.0-153.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 106.0-107.0 | 0.00 | 951.92 | 0.00 | 100.00 | 153.0-154.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 107.0-108.0 | 0.00 | 951.92 | 0.00 | 100.00 | 154.0-155.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 108.0-109.0 | 0.00 | 951.92 | 0.00 | 100.00 | 155.0-156.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 109.0-110.0 | 0.00 | 951.92 | 0.00 | 100.00 | 156.0-157.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 110.0-111.0 | 0.00 | 951.92 | 0.00 | 100.00 | 157.0-158.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 111.0-112.0 | 0.00 | 951.92 | 0.00 | 100.00 | 158.0-159.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 112.0-113.0 | 0.00 | 951.92 | 0.00 | 100.00 | 159.0-160.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 113.0-114.0 | 0.00 | 951.92 | 0.00 | 100.00 | 160.0-161.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 114.0-115.0 | 0.00 | 951.92 | 0.00 | 100.00 | 161.0-162.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 115.0-116.0 | 0.00 | 951.92 | 0.00 | 100.00 | 162.0-163.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 116.0-117.0 | 0.00 | 951.92 | 0.00 | 100.00 | 163.0-164.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 117.0-118.0 | 0.00 | 951.92 | 0.00 | 100.00 | 164.0-165.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 118.0-119.0 | 0.00 | 951.92 | 0.00 | 100.00 | 165.0-166.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 119.0-120.0 | 0.00 | 951.92 | 0.00 | 100.00 | 166.0-167.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 120.0-121.0 | 0.00 | 951.92 | 0.00 | 100.00 | 167.0-168.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 121.0-122.0 | 0.00 | 951.92 | 0.00 | 100.00 | 168.0-169.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 122.0-123.0 | 0.00 | 951.92 | 0.00 | 100.00 | 169.0-170.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 123.0-124.0 | 0.00 | 951.92 | 0.00 | 100.00 | 170.0-171.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 124.0-125.0 | 0.00 | 951.92 | 0.00 | 100.00 | 171.0-172.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 125.0-126.0 | 0.00 | 951.92 | 0.00 | 100.00 | 172.0-173.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 126.0-127.0 | 0.00 | 951.92 | 0.00 | 100.00 | 173.0-174.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 127.0-128.0 | 0.00 | 951.92 | 0.00 | 100.00 | 174.0-175.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 128.0-129.0 | 0.00 | 951.92 | 0.00 | 100.00 | 175.0-176.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 129.0-130.0 | 0.00 | 951.92 | 0.00 | 100.00 | 176.0-177.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 130.0-131.0 | 0.00 | 951.92 | 0.00 | 100.00 | 177.0-178.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 131.0-132.0 | 0.00 | 951.92 | 0.00 | 100.00 | 178.0-179.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 132.0-133.0 | 0.00 | 951.92 | 0.00 | 100.00 | 179.0-180.0 | 0.00 | 951.92 | 0.00 | 100.00 |
| 133.0-134.0 | 0.00 | 951.92 | 0.00 | 100.00 | | | | | |
| 134.0-135.0 | 0.00 | 951.92 | 0.00 | 100.00 | | | | | |
| 135.0-136.0 | 0.00 | 951.92 | 0.00 | 100.00 | | | | | |
| 136.0-137.0 | 0.00 | 951.92 | 0.00 | 100.00 | | | | | |
| 137.0-138.0 | 0.00 | 951.92 | 0.00 | 100.00 | | | | | |
| 138.0-139.0 | 0.00 | 951.92 | 0.00 | 100.00 | | | | | |
| 139.0-140.0 | 0.00 | 951.92 | 0.00 | 100.00 | | | | | |
| 140.0-141.0 | 0.00 | 951.92 | 0.00 | 100.00 | | | | | |

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: 2024/02/28 |



Maximum Light Intensity(cd): 1881.43

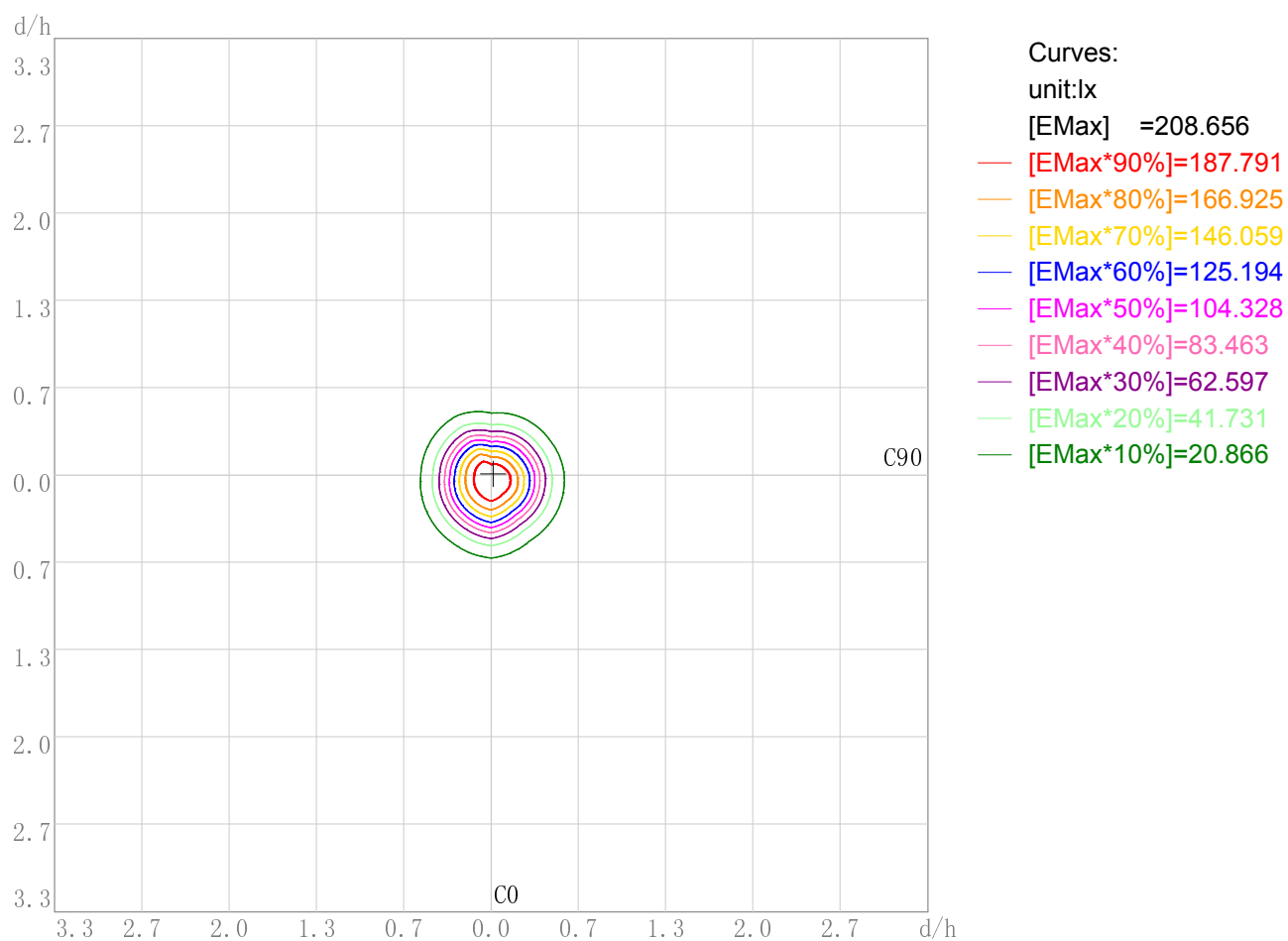
Maximum Cand.@Angle: H=-4.0°,V=0.0°

Photometric Filename:FL-10W-COB-1000-IH-36度-3000K.IES

Plane ISO-Illuminance Diagram

| | | |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catalog: | Test ID: |
| Lamp Name: | Lamp Catalog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2024/02/28 |

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

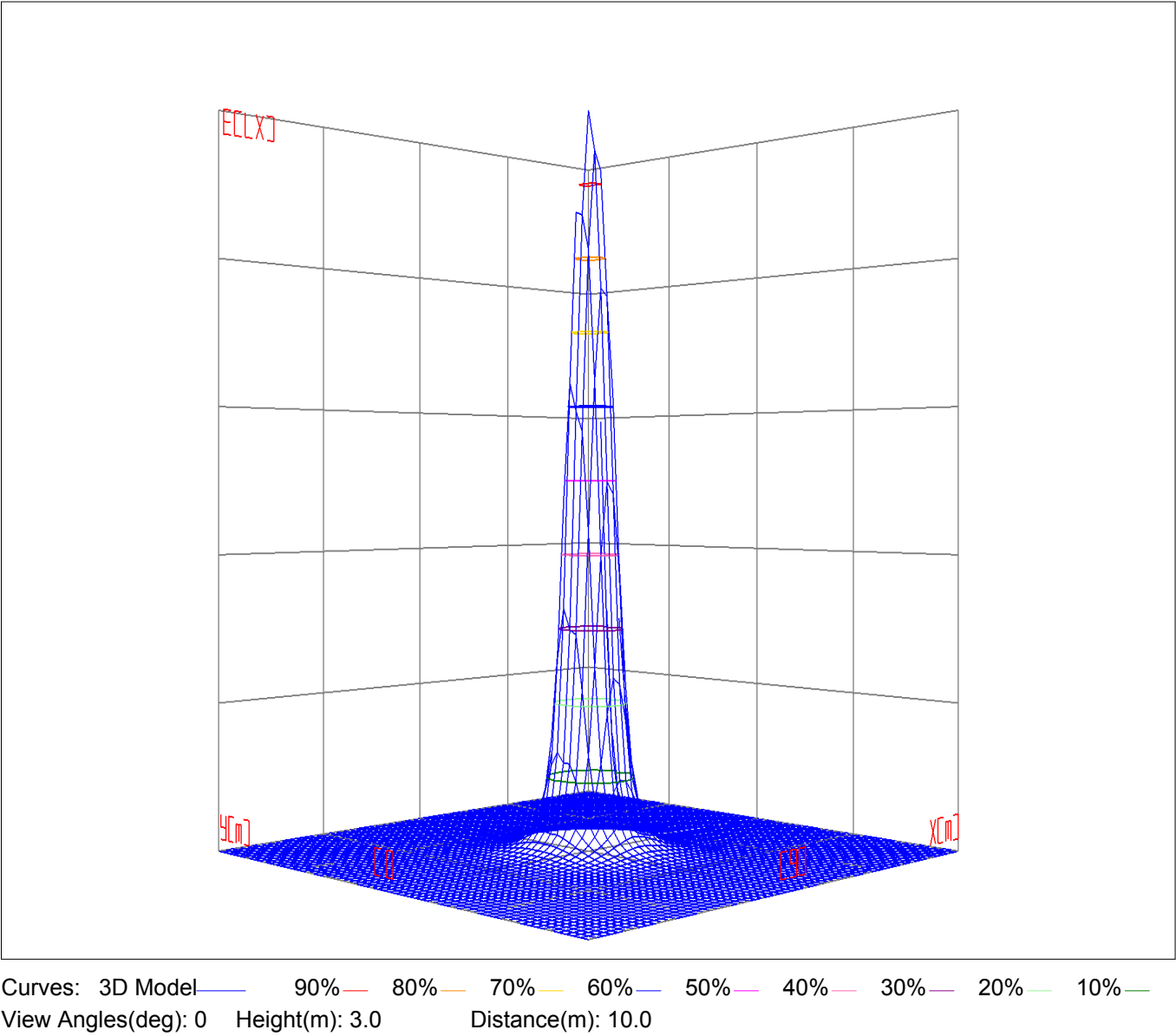
Working Plane Maximum Illuminance(lx): 208.66

Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

3D Plane ISO Illuminance Diagram

| | | |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catelog: | Test ID: |
| Lamp Name: | Lamp Catelog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2024/02/28 |

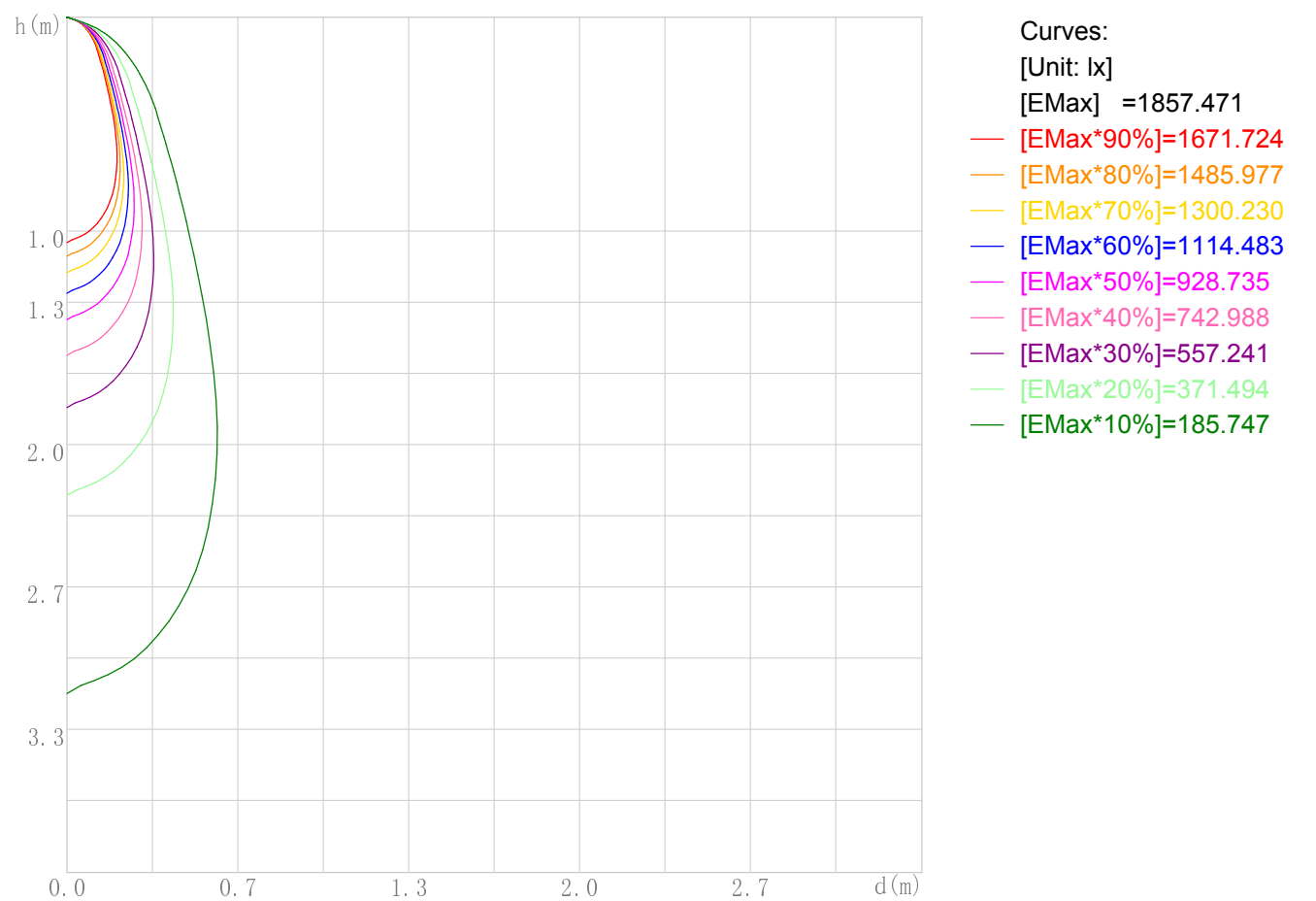
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

| | | |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catalog: | Test ID: |
| Lamp Name: | Lamp Catalog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2024/02/28 |

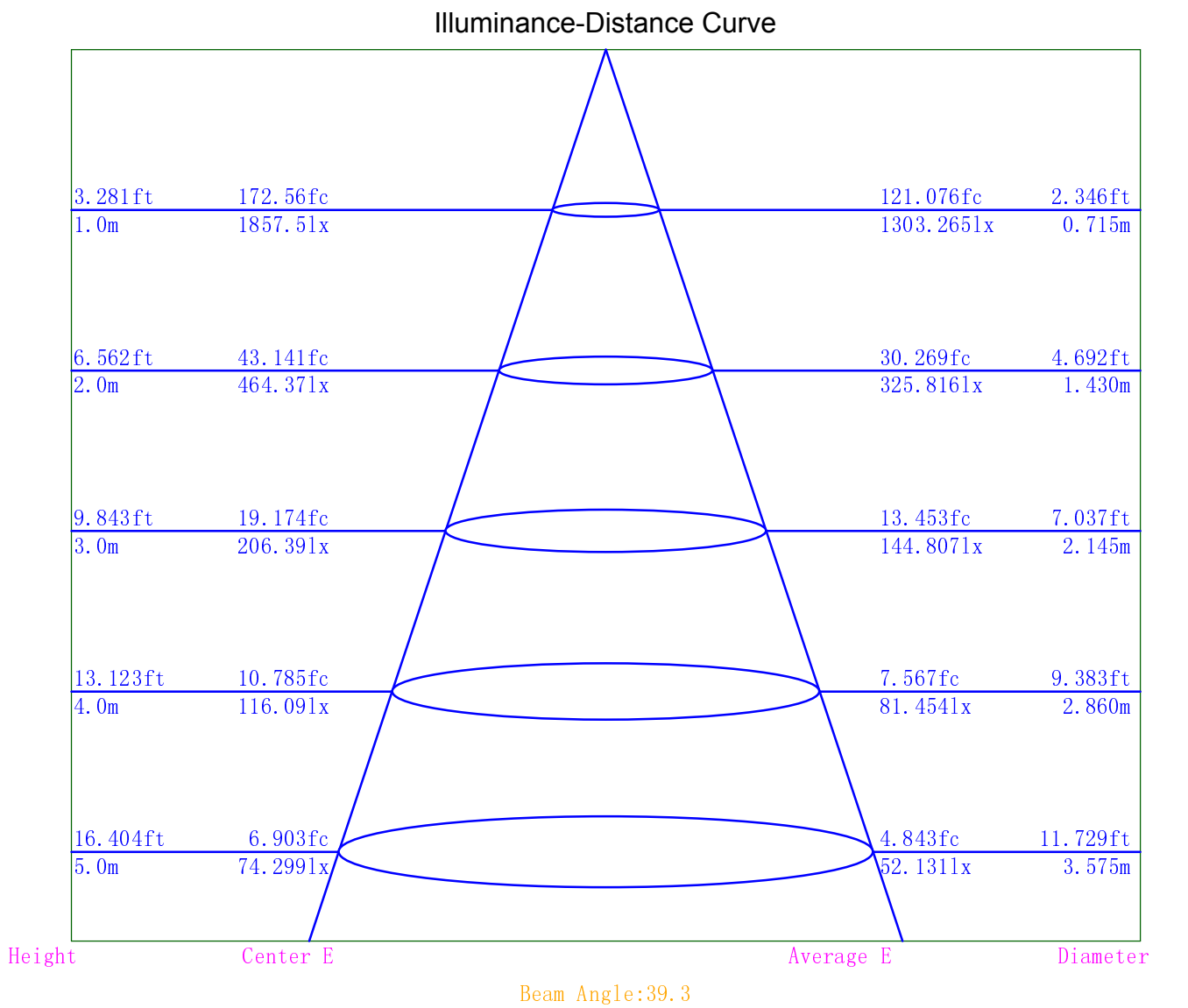
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1857.47lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:1857.471cd,0eg

Illuminance-Distance Diagram

| | | |
|-----------------|-----------------------|-----------------------|
| Lum. Name:55252 | Lum. Catelog: | Test ID: |
| Lamp Name: | Lamp Catelog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2024/02/28 |



Indoor Luminance Limiting Curves

| | | |
|-----------------|-----------------------|----------------------|
| Lum. Name:55252 | Lum. Catalog: | Test ID: |
| Lamp Name: | Lamp Catalog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date:2024/02/28 |

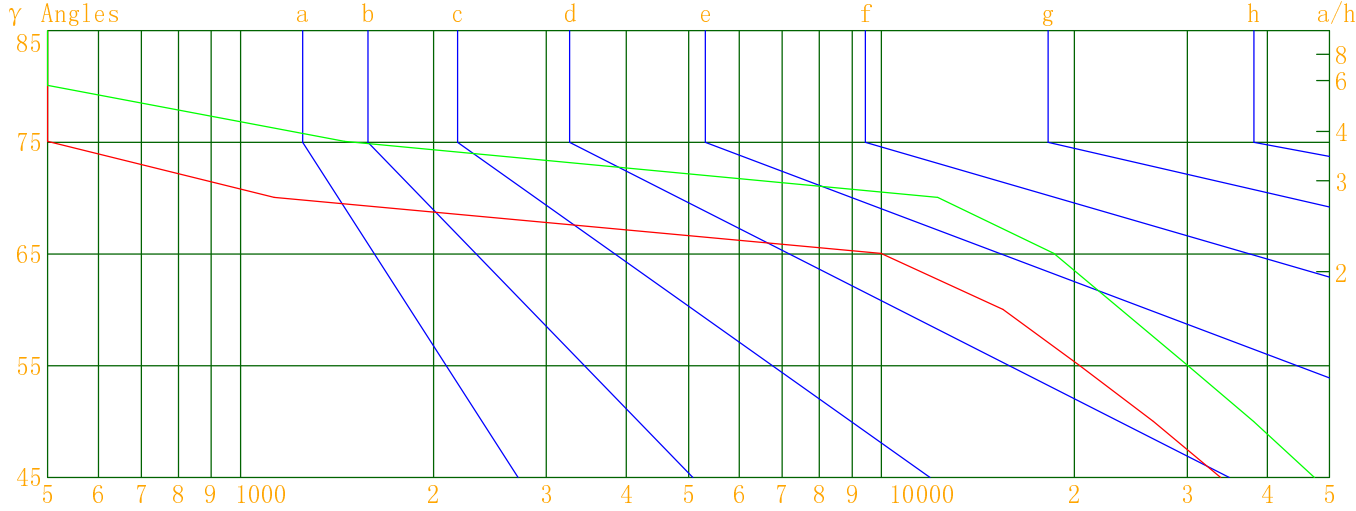
Glare Grade Table

| GI | Quality | Using Illuminance | | | | | | | |
|------|---------|-------------------|------|------|-------|-------|-------|-------|-------|
| 1.15 | A | 2000 | 1000 | 500 | <=300 | | | | |
| 1.5 | B | | 2000 | 1000 | 500 | <=300 | | | |
| 1.85 | C | | | 2000 | 1000 | 500 | <=300 | | |
| 2.2 | D | | | | 2000 | 1000 | 500 | <=300 | |
| 2.55 | E | a | | | | 2000 | 1000 | 500 | <=300 |
| | | | b | c | d | e | f | g | h |

Luminance Table

| Gama (deg) | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|------------|-------|-------|-------|-------|-------|-------|------|----|----|
| C0 | 33804 | 26556 | 20376 | 15481 | 9984 | 1129 | 0 | 0 | 0 |
| C90 | 47396 | 38076 | 30037 | 23623 | 18589 | 12242 | 1454 | 0 | 0 |

Luminance Limiting Curve



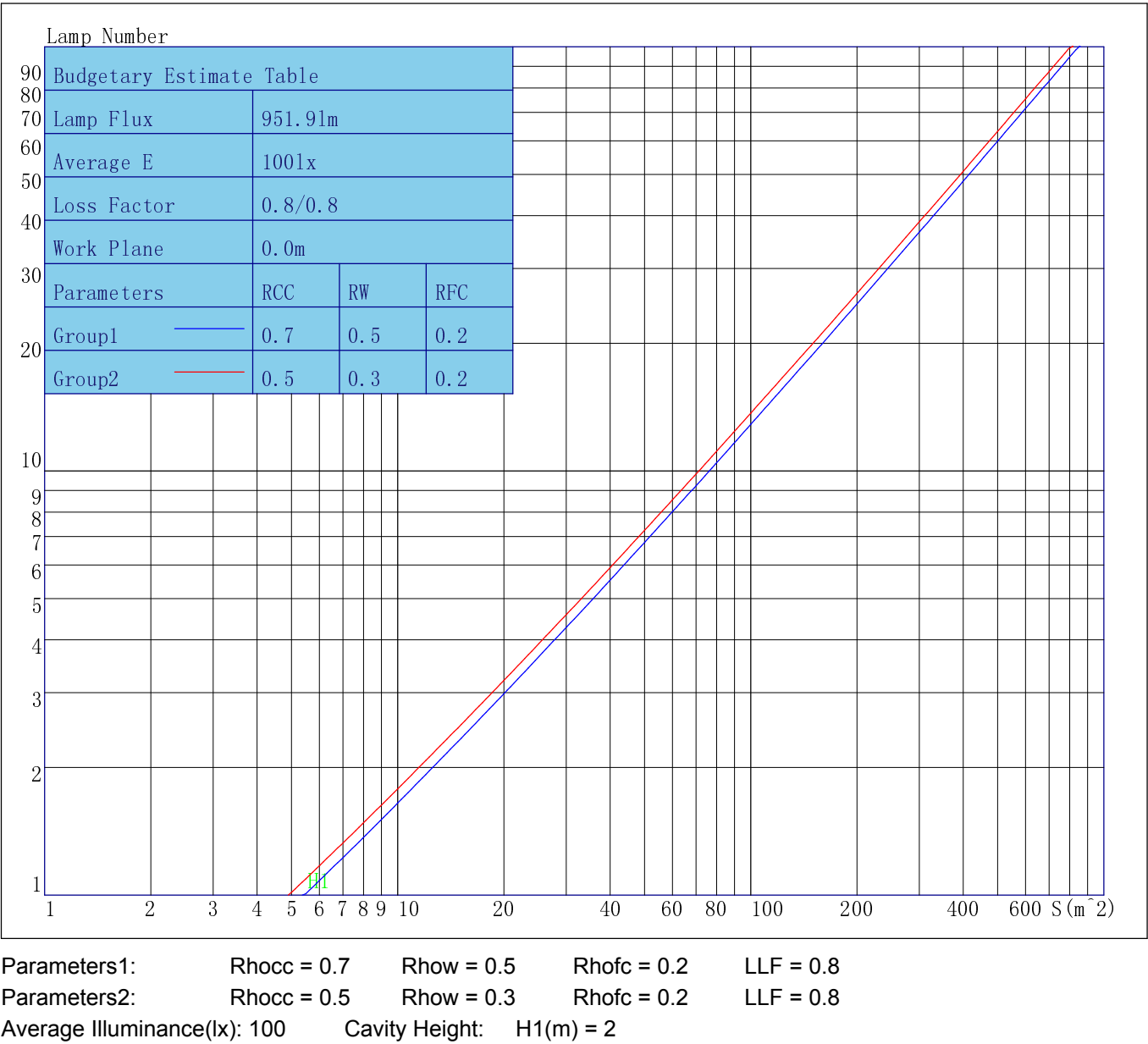
Luminous Size:Length(m)=-0.050Width(m)=-0.050Height(m)=0.000Area(m^2)=0.001963

Luminous Type:Without Luminous Side

Luminous Curves:C0-C180 Color: C90-C270 Color:

Indoor Budgetary Estimate Table

| | | |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catalog: | Test ID: |
| Lamp Name: | Lamp Catalog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2024/02/28 |



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: 2024/02/28 |

| 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 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 114 | 111 | 109 | 107 | 111 | 109 | 107 | 105 | 105 | 103 | 102 | 101 | 100 | 99 | 98 | 97 | 96 | 94 |
| 2 | 109 | 104 | 100 | 97 | 106 | 102 | 99 | 96 | 99 | 96 | 94 | 96 | 94 | 92 | 93 | 92 | 90 | 88 |
| 3 | 104 | 98 | 93 | 89 | 102 | 96 | 92 | 89 | 94 | 90 | 87 | 91 | 88 | 86 | 89 | 87 | 84 | 83 |
| 4 | 99 | 92 | 87 | 83 | 97 | 91 | 86 | 82 | 89 | 85 | 81 | 87 | 83 | 81 | 85 | 82 | 80 | 78 |
| 5 | 95 | 87 | 82 | 78 | 93 | 86 | 81 | 77 | 84 | 80 | 77 | 83 | 79 | 76 | 81 | 78 | 75 | 74 |
| 6 | 91 | 82 | 77 | 73 | 89 | 82 | 77 | 73 | 80 | 76 | 72 | 79 | 75 | 72 | 78 | 74 | 71 | 70 |
| 7 | 87 | 78 | 73 | 69 | 86 | 78 | 73 | 69 | 76 | 72 | 68 | 75 | 71 | 68 | 74 | 71 | 68 | 66 |
| 8 | 83 | 75 | 69 | 66 | 82 | 74 | 69 | 65 | 73 | 68 | 65 | 72 | 68 | 65 | 71 | 67 | 65 | 63 |
| 9 | 80 | 71 | 66 | 62 | 79 | 71 | 66 | 62 | 70 | 65 | 62 | 69 | 65 | 62 | 68 | 64 | 62 | 60 |
| 10 | 77 | 68 | 63 | 60 | 76 | 68 | 63 | 59 | 67 | 62 | 59 | 66 | 62 | 59 | 66 | 62 | 59 | 58 |

Unified Glare Rating Table

| | | |
|-----------------|-----------------------|-----------------------|
| Lum. Name:55252 | Lum. Catelog: | Test ID: |
| Lamp Name: | Lamp Catelog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2024/02/28 |

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 | 18.7 | 19.6 | 19.0 | 20.0 | 20.3 | 20.6 | 21.5 | 20.9 | 21.9 | 22.2 |
| | Y=3H | 18.6 | 19.5 | 19.0 | 19.8 | 20.2 | 20.8 | 21.7 | 21.2 | 22.0 | 22.4 |
| | Y=4H | 18.5 | 19.3 | 19.0 | 19.7 | 20.1 | 20.7 | 21.5 | 21.1 | 21.9 | 22.3 |
| | Y=6H | 18.4 | 19.2 | 18.9 | 19.5 | 19.9 | 20.6 | 21.4 | 21.1 | 21.7 | 22.1 |
| | Y=8H | 18.4 | 19.1 | 18.8 | 19.5 | 19.9 | 20.6 | 21.3 | 21.0 | 21.6 | 22.1 |
| | Y=12H | 18.3 | 19.0 | 18.8 | 19.4 | 19.8 | 20.5 | 21.2 | 21.0 | 21.5 | 22.0 |
| X=4H | Y=2H | 18.8 | 19.6 | 19.2 | 19.9 | 20.3 | 20.6 | 21.4 | 21.1 | 21.8 | 22.2 |
| | Y=3H | 18.8 | 19.4 | 19.2 | 19.8 | 20.2 | 21.0 | 21.6 | 21.4 | 22.0 | 22.4 |
| | Y=4H | 18.7 | 19.2 | 19.1 | 19.7 | 20.1 | 20.9 | 21.4 | 21.3 | 21.9 | 22.3 |
| | Y=6H | 18.6 | 19.0 | 19.0 | 19.5 | 20.0 | 20.8 | 21.2 | 21.2 | 21.7 | 22.2 |
| | Y=8H | 18.5 | 18.9 | 19.0 | 19.4 | 19.9 | 20.7 | 21.1 | 21.2 | 21.6 | 22.1 |
| | Y=12H | 18.4 | 18.8 | 18.9 | 19.3 | 19.8 | 20.6 | 21.0 | 21.1 | 21.5 | 22.0 |
| X=8H | Y=4H | 18.5 | 18.9 | 19.0 | 19.4 | 19.9 | 20.7 | 21.2 | 21.2 | 21.6 | 22.1 |
| | Y=6H | 18.4 | 18.7 | 18.9 | 19.2 | 19.7 | 20.6 | 21.0 | 21.1 | 21.5 | 22.0 |
| | Y=8H | 18.3 | 18.6 | 18.9 | 19.1 | 19.6 | 20.6 | 20.8 | 21.1 | 21.4 | 21.9 |
| | Y=12H | 18.3 | 18.5 | 18.8 | 19.0 | 19.6 | 20.5 | 20.7 | 21.0 | 21.2 | 21.8 |
| X=12H | Y=4H | 18.4 | 18.8 | 18.9 | 19.3 | 19.8 | 20.7 | 21.1 | 21.2 | 21.5 | 22.0 |
| | Y=6H | 18.3 | 18.6 | 18.9 | 19.1 | 19.6 | 20.6 | 20.9 | 21.1 | 21.3 | 21.9 |
| | Y=8H | 18.3 | 18.5 | 18.8 | 19.0 | 19.6 | 20.5 | 20.7 | 21.0 | 21.2 | 21.8 |
| Variations with the objverver position at spacings | | | | | | | | | | | |
| S=1.0H | | 0.0/0.0 | | | | | 6.0/0.0 | | | | |
| S=1.5H | | 9.8/0.0 | | | | | 5.0/0.0 | | | | |
| S=2.0H | | 6.0/0.0 | | | | | 4.2/-22.4 | | | | |
| Reduced UGR Table: | | | | | | | | | | | |
| Nordic Standard Table: | | BK0 | | | | | BK0 | | | | |
| Correction Value | | 0.3 | | | | | 0.5 | | | | |

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

IES Indoor Report

Photometric Filename:FL-10W-COB-1000-IH-36度-3000K.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 |
|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| γ 0. 0 | 1857. 47 | 1857. 47 | 1857. 47 | 1857. 47 | 1857. 47 | 1857. 47 | 1857. 47 | 1857. 47 | 1857. 47 | 1857. 47 | 1857. 47 | 1857. 47 |
| γ 1. 0 | 1815. 30 | 1834. 83 | 1851. 15 | 1868. 77 | 1878. 77 | 1875. 79 | 1856. 71 | 1861. 75 | 1862. 20 | 1864. 08 | 1867. 17 | 1861. 91 |
| γ 2. 0 | 1791. 13 | 1816. 39 | 1836. 58 | 1863. 19 | 1876. 57 | 1876. 97 | 1870. 15 | 1866. 23 | 1860. 85 | 1854. 64 | 1854. 53 | 1847. 35 |
| γ 3. 0 | 1763. 42 | 1792. 41 | 1815. 82 | 1851. 83 | 1869. 62 | 1871. 98 | 1876. 64 | 1865. 89 | 1853. 68 | 1839. 21 | 1835. 60 | 1827. 92 |
| γ 4. 0 | 1729. 58 | 1762. 17 | 1791. 77 | 1837. 41 | 1858. 38 | 1862. 84 | 1881. 43 | 1861. 90 | 1843. 21 | 1820. 60 | 1814. 65 | 1805. 78 |
| γ 5. 0 | 1690. 42 | 1727. 09 | 1762. 47 | 1818. 20 | 1844. 99 | 1851. 77 | 1879. 99 | 1854. 50 | 1827. 54 | 1799. 73 | 1791. 25 | 1781. 68 |
| γ 6. 0 | 1641. 67 | 1684. 03 | 1729. 81 | 1796. 15 | 1828. 85 | 1836. 68 | 1876. 06 | 1842. 30 | 1808. 64 | 1776. 33 | 1766. 14 | 1755. 70 |
| γ 7. 0 | 1585. 89 | 1634. 13 | 1690. 69 | 1769. 86 | 1810. 09 | 1819. 08 | 1868. 53 | 1825. 84 | 1787. 31 | 1749. 94 | 1739. 08 | 1725. 95 |
| γ 8. 0 | 1526. 62 | 1579. 45 | 1645. 30 | 1738. 77 | 1787. 66 | 1799. 55 | 1855. 35 | 1807. 93 | 1763. 01 | 1720. 20 | 1707. 35 | 1691. 28 |
| γ 9. 0 | 1461. 55 | 1521. 33 | 1592. 51 | 1699. 94 | 1760. 56 | 1775. 32 | 1840. 16 | 1786. 15 | 1735. 24 | 1686. 26 | 1669. 07 | 1647. 31 |
| γ 10. 0 | 1390. 77 | 1457. 80 | 1533. 86 | 1654. 12 | 1727. 87 | 1749. 18 | 1820. 01 | 1760. 60 | 1703. 12 | 1645. 13 | 1621. 77 | 1594. 68 |
| γ 11. 0 | 1315. 09 | 1390. 52 | 1472. 48 | 1602. 95 | 1686. 42 | 1714. 69 | 1794. 82 | 1731. 65 | 1667. 72 | 1594. 88 | 1566. 19 | 1534. 44 |
| γ 12. 0 | 1232. 04 | 1316. 94 | 1406. 64 | 1546. 98 | 1637. 80 | 1671. 79 | 1766. 99 | 1699. 46 | 1624. 10 | 1536. 21 | 1500. 78 | 1465. 58 |
| γ 13. 0 | 1142. 71 | 1239. 26 | 1336. 91 | 1487. 63 | 1585. 11 | 1621. 63 | 1735. 39 | 1659. 25 | 1571. 73 | 1469. 65 | 1428. 54 | 1390. 17 |
| γ 14. 0 | 1052. 36 | 1157. 98 | 1265. 14 | 1426. 24 | 1528. 42 | 1568. 04 | 1701. 15 | 1610. 27 | 1511. 88 | 1394. 53 | 1349. 02 | 1308. 31 |
| γ 15. 0 | 960. 34 | 1075. 08 | 1188. 85 | 1360. 35 | 1467. 35 | 1506. 50 | 1659. 12 | 1554. 32 | 1445. 05 | 1311. 43 | 1264. 65 | 1222. 43 |
| γ 16. 0 | 869. 95 | 989. 68 | 1108. 00 | 1288. 89 | 1399. 19 | 1437. 26 | 1608. 14 | 1491. 69 | 1369. 83 | 1224. 36 | 1175. 32 | 1131. 71 |
| γ 17. 0 | 780. 90 | 903. 35 | 1022. 61 | 1209. 16 | 1322. 09 | 1359. 35 | 1552. 19 | 1420. 63 | 1287. 76 | 1132. 32 | 1082. 11 | 1039. 54 |
| γ 18. 0 | 691. 85 | 816. 32 | 935. 06 | 1123. 55 | 1235. 55 | 1273. 67 | 1489. 38 | 1340. 76 | 1197. 45 | 1037. 22 | 984. 66 | 947. 11 |
| γ 19. 0 | 605. 79 | 728. 70 | 845. 47 | 1033. 28 | 1141. 90 | 1182. 55 | 1419. 94 | 1252. 56 | 1102. 20 | 941. 78 | 888. 67 | 853. 76 |
| γ 20. 0 | 527. 60 | 643. 72 | 756. 06 | 939. 29 | 1044. 18 | 1087. 55 | 1342. 20 | 1158. 11 | 1002. 73 | 845. 97 | 795. 29 | 761. 03 |
| γ 21. 0 | 457. 83 | 563. 29 | 668. 30 | 845. 12 | 945. 69 | 988. 77 | 1254. 44 | 1060. 12 | 903. 11 | 751. 12 | 701. 84 | 671. 93 |
| γ 22. 0 | 396. 82 | 489. 47 | 583. 96 | 750. 26 | 847. 00 | 888. 94 | 1158. 09 | 960. 27 | 804. 09 | 658. 88 | 613. 93 | 588. 05 |
| γ 23. 0 | 344. 07 | 424. 46 | 507. 37 | 658. 01 | 749. 79 | 790. 49 | 1056. 91 | 859. 78 | 707. 54 | 574. 07 | 534. 76 | 512. 06 |
| γ 24. 0 | 299. 98 | 367. 77 | 439. 04 | 572. 72 | 656. 38 | 694. 95 | 953. 60 | 761. 30 | 616. 42 | 498. 22 | 463. 89 | 444. 48 |
| γ 25. 0 | 263. 32 | 319. 75 | 379. 61 | 497. 11 | 570. 63 | 605. 53 | 852. 28 | 665. 90 | 534. 74 | 431. 03 | 402. 87 | 385. 16 |
| γ 26. 0 | 232. 50 | 279. 77 | 330. 13 | 430. 20 | 494. 58 | 524. 76 | 754. 28 | 577. 28 | 462. 93 | 373. 49 | 351. 79 | 334. 79 |
| γ 27. 0 | 206. 11 | 246. 07 | 288. 58 | 373. 74 | 428. 71 | 453. 13 | 660. 04 | 499. 94 | 400. 87 | 324. 78 | 307. 69 | 292. 73 |
| γ 28. 0 | 183. 81 | 217. 72 | 254. 08 | 325. 80 | 372. 28 | 391. 69 | 573. 35 | 432. 76 | 348. 74 | 283. 58 | 270. 03 | 257. 45 |
| γ 29. 0 | 164. 95 | 193. 74 | 224. 69 | 285. 70 | 324. 61 | 339. 78 | 497. 21 | 375. 20 | 304. 52 | 248. 96 | 238. 55 | 227. 79 |
| γ 30. 0 | 148. 83 | 173. 82 | 200. 10 | 251. 94 | 283. 92 | 297. 05 | 430. 25 | 326. 50 | 267. 08 | 220. 07 | 211. 32 | 202. 43 |
| γ 31. 0 | 134. 28 | 156. 52 | 179. 34 | 223. 27 | 250. 34 | 261. 19 | 372. 87 | 285. 23 | 235. 35 | 195. 48 | 188. 28 | 180. 74 |
| γ 32. 0 | 121. 97 | 141. 38 | 161. 57 | 199. 31 | 221. 83 | 231. 01 | 324. 57 | 251. 03 | 208. 43 | 174. 80 | 168. 67 | 162. 27 |
| γ 33. 0 | 111. 50 | 128. 26 | 146. 29 | 178. 85 | 197. 72 | 205. 51 | 283. 98 | 222. 29 | 186. 05 | 157. 21 | 151. 83 | 146. 21 |
| γ 34. 0 | 102. 13 | 116. 75 | 132. 73 | 161. 34 | 177. 15 | 183. 65 | 249. 98 | 198. 14 | 167. 45 | 142. 08 | 137. 08 | 132. 18 |
| γ 35. 0 | 94. 03 | 106. 88 | 121. 03 | 145. 91 | 159. 64 | 165. 05 | 221. 82 | 178. 24 | 151. 43 | 128. 69 | 124. 28 | 120. 15 |
| γ 36. 0 | 87. 06 | 98. 21 | 110. 77 | 132. 37 | 144. 26 | 149. 01 | 197. 82 | 161. 03 | 137. 08 | 117. 20 | 113. 08 | 109. 85 |
| γ 37. 0 | 81. 07 | 90. 65 | 101. 60 | 120. 83 | 130. 75 | 134. 97 | 177. 61 | 145. 84 | 124. 65 | 107. 24 | 103. 29 | 100. 50 |
| γ 38. 0 | 76. 11 | 83. 94 | 93. 64 | 110. 75 | 119. 22 | 122. 90 | 160. 37 | 132. 61 | 114. 04 | 98. 33 | 94. 74 | 92. 50 |
| γ 39. 0 | 71. 26 | 78. 11 | 86. 58 | 101. 78 | 109. 32 | 112. 47 | 145. 34 | 121. 18 | 104. 60 | 90. 69 | 87. 28 | 85. 50 |
| γ 40. 0 | 66. 61 | 72. 94 | 80. 43 | 93. 77 | 100. 51 | 103. 15 | 132. 07 | 111. 37 | 96. 29 | 84. 08 | 81. 04 | 79. 46 |
| γ 41. 0 | 62. 24 | 67. 86 | 75. 16 | 86. 78 | 92. 75 | 94. 93 | 120. 53 | 102. 60 | 89. 20 | 78. 56 | 75. 55 | 74. 35 |
| γ 42. 0 | 58. 18 | 63. 31 | 70. 13 | 80. 74 | 85. 97 | 87. 82 | 110. 50 | 94. 65 | 82. 97 | 73. 35 | 70. 19 | 69. 07 |
| γ 43. 0 | 54. 35 | 59. 25 | 65. 30 | 75. 59 | 80. 13 | 81. 72 | 101. 65 | 87. 71 | 77. 70 | 68. 33 | 65. 45 | 64. 49 |
| γ 44. 0 | 50. 47 | 55. 42 | 61. 12 | 70. 47 | 74. 85 | 76. 63 | 93. 93 | 81. 72 | 72. 66 | 63. 90 | 61. 33 | 60. 19 |
| γ 45. 0 | 46. 93 | 51. 54 | 57. 33 | 65. 81 | 69. 97 | 71. 57 | 87. 08 | 76. 33 | 67. 91 | 59. 86 | 57. 55 | 56. 24 |
| γ 46. 0 | 43. 70 | 48. 05 | 53. 56 | 61. 73 | 65. 51 | 67. 05 | 81. 26 | 71. 22 | 63. 74 | 55. 90 | 54. 05 | 52. 49 |

Photometric Filename:FL-10W-COB-1000-IH-36度-3000K.IES

| 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 | 40.98 | 44.63 | 49.99 | 57.97 | 61.53 | 63.08 | 75.97 | 66.81 | 59.86 | 52.22 | 50.78 | 49.15 |
| γ 48.0 | 38.47 | 41.64 | 46.71 | 54.52 | 57.80 | 59.12 | 70.89 | 62.60 | 56.19 | 48.88 | 47.73 | 45.90 |
| γ 49.0 | 35.96 | 39.10 | 43.46 | 51.15 | 54.39 | 55.58 | 66.34 | 58.68 | 52.53 | 45.85 | 44.76 | 42.90 |
| γ 50.0 | 33.52 | 36.66 | 40.58 | 48.06 | 51.08 | 52.13 | 62.42 | 55.16 | 49.19 | 43.18 | 41.95 | 40.23 |
| γ 51.0 | 31.11 | 34.24 | 38.02 | 44.88 | 48.04 | 49.10 | 58.66 | 51.89 | 46.38 | 40.67 | 39.10 | 37.71 |
| γ 52.0 | 28.88 | 31.82 | 35.58 | 42.02 | 45.14 | 46.30 | 55.18 | 48.93 | 43.73 | 38.11 | 36.29 | 35.14 |
| γ 53.0 | 26.72 | 29.57 | 33.01 | 39.20 | 42.36 | 43.84 | 51.79 | 46.44 | 41.26 | 35.67 | 33.67 | 32.73 |
| γ 54.0 | 24.75 | 27.34 | 30.67 | 36.49 | 39.61 | 41.40 | 48.87 | 43.90 | 38.72 | 33.24 | 31.16 | 30.38 |
| γ 55.0 | 22.95 | 25.33 | 28.41 | 33.83 | 36.91 | 38.80 | 46.14 | 41.45 | 36.23 | 30.93 | 28.91 | 28.19 |
| γ 56.0 | 21.26 | 23.47 | 26.37 | 31.39 | 34.49 | 36.53 | 43.86 | 39.05 | 33.99 | 28.77 | 26.72 | 26.10 |
| γ 57.0 | 19.63 | 21.78 | 24.42 | 29.17 | 32.19 | 34.14 | 41.51 | 36.65 | 31.74 | 26.70 | 24.71 | 24.16 |
| γ 58.0 | 18.21 | 20.11 | 22.52 | 27.01 | 30.08 | 31.86 | 39.10 | 34.22 | 29.60 | 24.64 | 22.89 | 22.32 |
| γ 59.0 | 16.73 | 18.65 | 20.88 | 25.03 | 28.02 | 29.75 | 36.63 | 32.08 | 27.51 | 22.82 | 21.21 | 20.66 |
| γ 60.0 | 15.20 | 17.09 | 19.31 | 23.19 | 26.07 | 27.76 | 34.25 | 29.96 | 25.46 | 21.02 | 19.61 | 19.06 |
| γ 61.0 | 13.85 | 15.67 | 17.67 | 21.46 | 24.17 | 25.89 | 31.97 | 27.95 | 23.58 | 19.28 | 18.04 | 17.54 |
| γ 62.0 | 12.44 | 14.25 | 16.35 | 19.87 | 22.54 | 24.14 | 29.98 | 26.13 | 21.77 | 17.65 | 16.48 | 16.07 |
| γ 63.0 | 11.06 | 12.90 | 14.88 | 18.39 | 20.84 | 22.49 | 27.94 | 24.28 | 19.98 | 16.01 | 15.00 | 14.64 |
| γ 64.0 | 9.74 | 11.51 | 13.47 | 16.85 | 19.33 | 20.91 | 26.17 | 22.54 | 18.22 | 14.30 | 13.53 | 13.25 |
| γ 65.0 | 8.28 | 10.13 | 12.16 | 15.43 | 17.84 | 19.37 | 24.37 | 20.76 | 16.56 | 12.40 | 12.19 | 11.87 |
| γ 66.0 | 6.87 | 8.84 | 10.81 | 13.91 | 16.29 | 17.72 | 22.73 | 19.13 | 14.68 | 10.42 | 10.77 | 10.43 |
| γ 67.0 | 5.40 | 7.40 | 9.39 | 12.53 | 14.78 | 16.24 | 21.06 | 17.36 | 12.36 | 8.13 | 9.36 | 9.10 |
| γ 68.0 | 3.95 | 6.06 | 7.97 | 11.19 | 13.28 | 14.64 | 19.50 | 15.53 | 9.91 | 5.14 | 7.96 | 7.68 |
| γ 69.0 | 2.36 | 4.55 | 6.61 | 9.68 | 11.84 | 13.19 | 17.83 | 13.40 | 6.95 | 1.60 | 6.48 | 6.18 |
| γ 70.0 | 0.76 | 3.12 | 5.23 | 8.22 | 10.35 | 11.62 | 16.28 | 11.08 | 3.53 | 0.00 | 5.08 | 4.73 |
| γ 71.0 | 0.00 | 1.59 | 3.70 | 6.82 | 8.91 | 10.17 | 14.67 | 8.09 | 0.00 | 0.00 | 3.51 | 3.17 |
| γ 72.0 | 0.00 | 0.15 | 2.26 | 5.32 | 7.41 | 8.57 | 13.15 | 4.41 | 0.00 | 0.00 | 1.85 | 1.52 |
| γ 73.0 | 0.00 | 0.00 | 0.83 | 3.78 | 5.79 | 6.98 | 11.54 | 0.42 | 0.00 | 0.00 | 0.21 | 0.00 |
| γ 74.0 | 0.00 | 0.00 | 0.00 | 2.17 | 4.19 | 5.33 | 9.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 75.0 | 0.00 | 0.00 | 0.00 | 0.74 | 2.43 | 3.60 | 8.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 76.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.89 | 1.75 | 6.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 77.0 | 0.00</ | | | | | | | | | | | |

Photometric Filename:FL-10W-COB-1000-IH-36度-3000K.IES

[illegible]

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[illegible]