

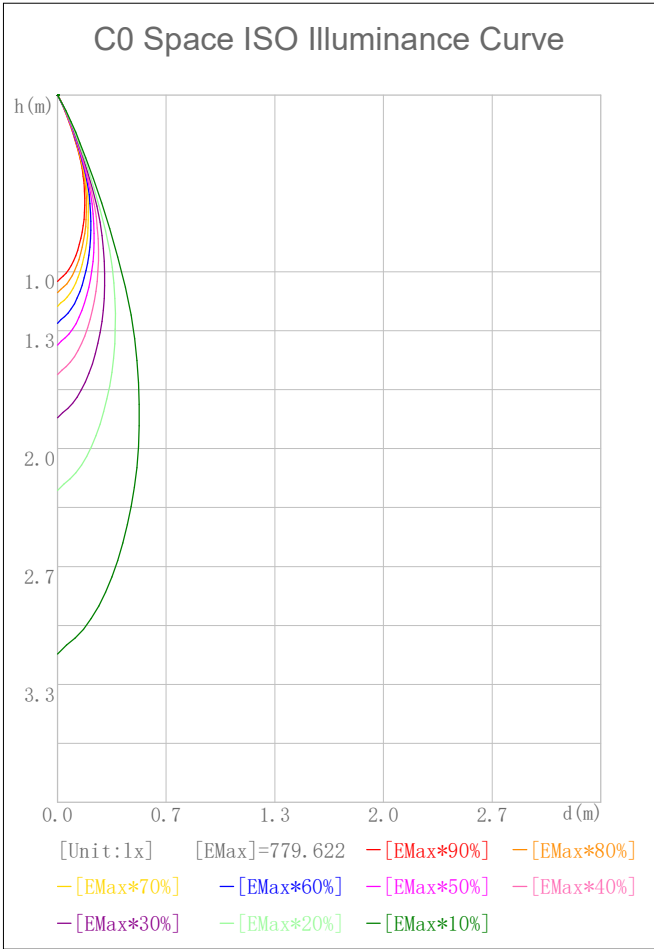
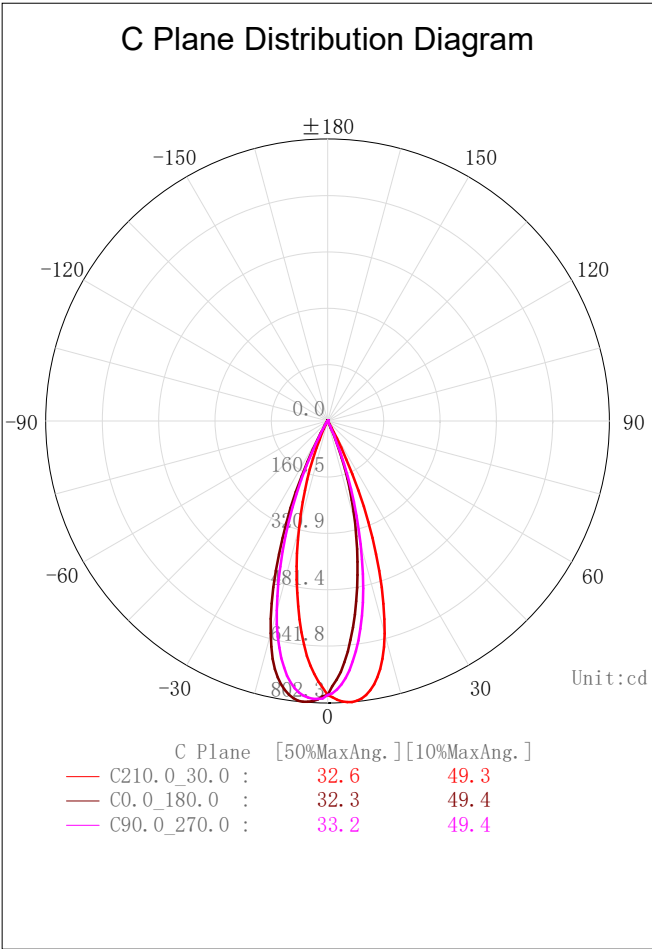
Indoor Luminaire Photometric Data

Description Information

|   |                         |                      |                       |
|---|-------------------------|----------------------|-----------------------|
| Luminary Name: 55252                    |                         | Lum. Catelog:        | Test ID:              |
| Lamp Name:                              |                         | Lamp Catelog:        | Test Date: 2025/03/22 |
| 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(%): 50.0     |

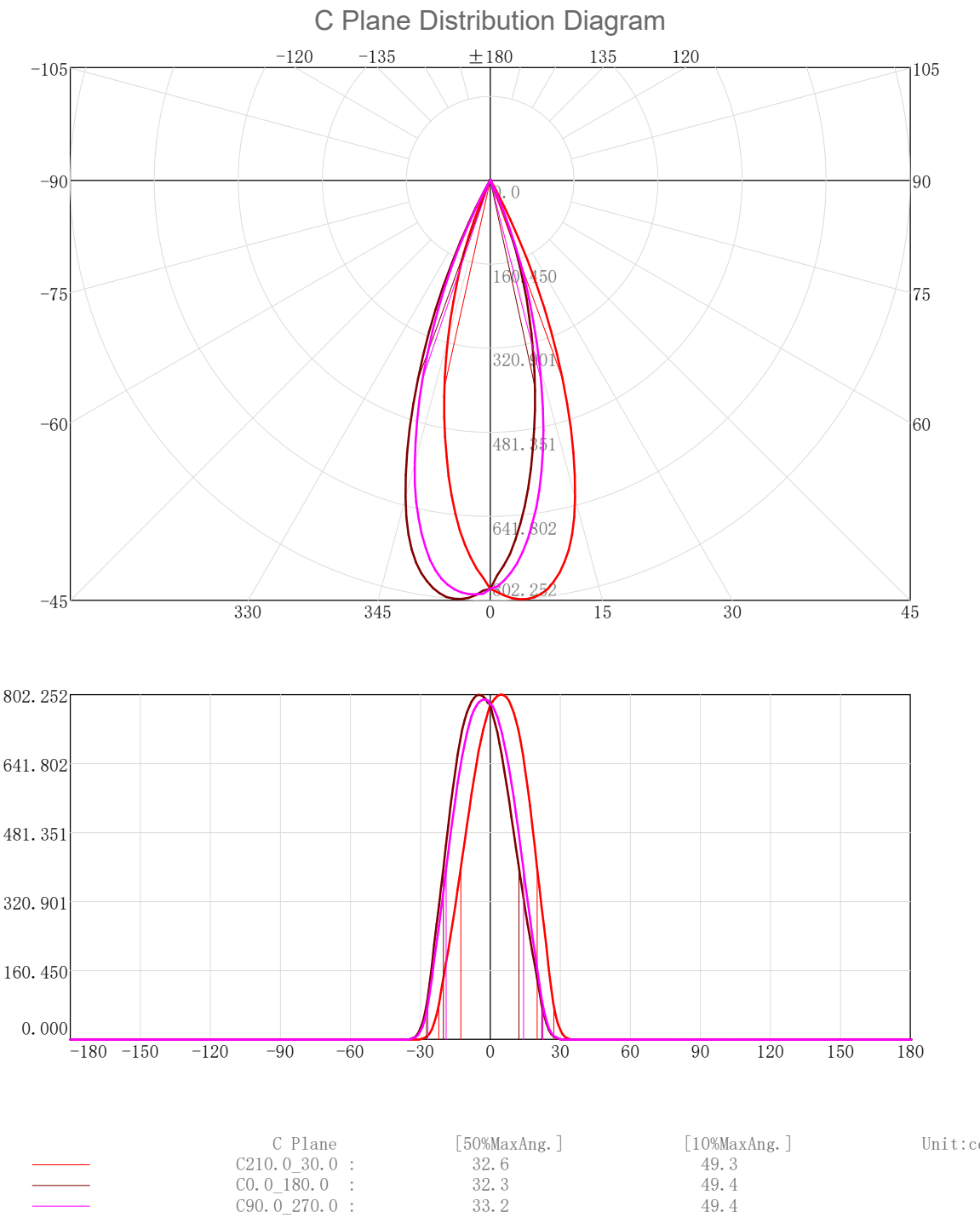
Character Parameter

| Lamp Speciality Parameter                      |                                   | Luminaire Speciality Parameter         |  |
|--|-----------------------------------|--|--|
| Rated Flux(lm): 237.070                        | Luminary Flux(lm): 237.073        | Field Angle(10%Imax): 49.3(° )         |  |
| Rated Power(W):                                | Luminary Efficiency: 100.00%      | Down Lumens&Percent: 237.073lm 100.00% |  |
| Rated Voltage(V):                              | Luminary EER(lm/W): 61.883        | Up Lumens&Percent: 0.000lm 0.00%       |  |
| Tested Power(W): 3.831                         | Max. Candela(cd): 802.252         | S/MH: C0_a180=0.550 C90_270=0.559      |  |
| Lamps' Inside: 1                               | Max Cand@Ang. (° ): C=210.0 γ=5.0 | CIE Type: Semi-Direct                  |  |
| Tested Electrics(V, A, pf):230.0, 0.034, 0.489 |                                   | ErP Φuse(90° ): 240.324lm              |  |
| Lamp Size(W*L*H):0.050m*-0.050m*0.000m         |                                   | IRF(%): 797.199                        |  |
|  |                                   | Left=-12.6° ,Right=20.0°               |  |



2D Plane Light Intensity Distribution Curve

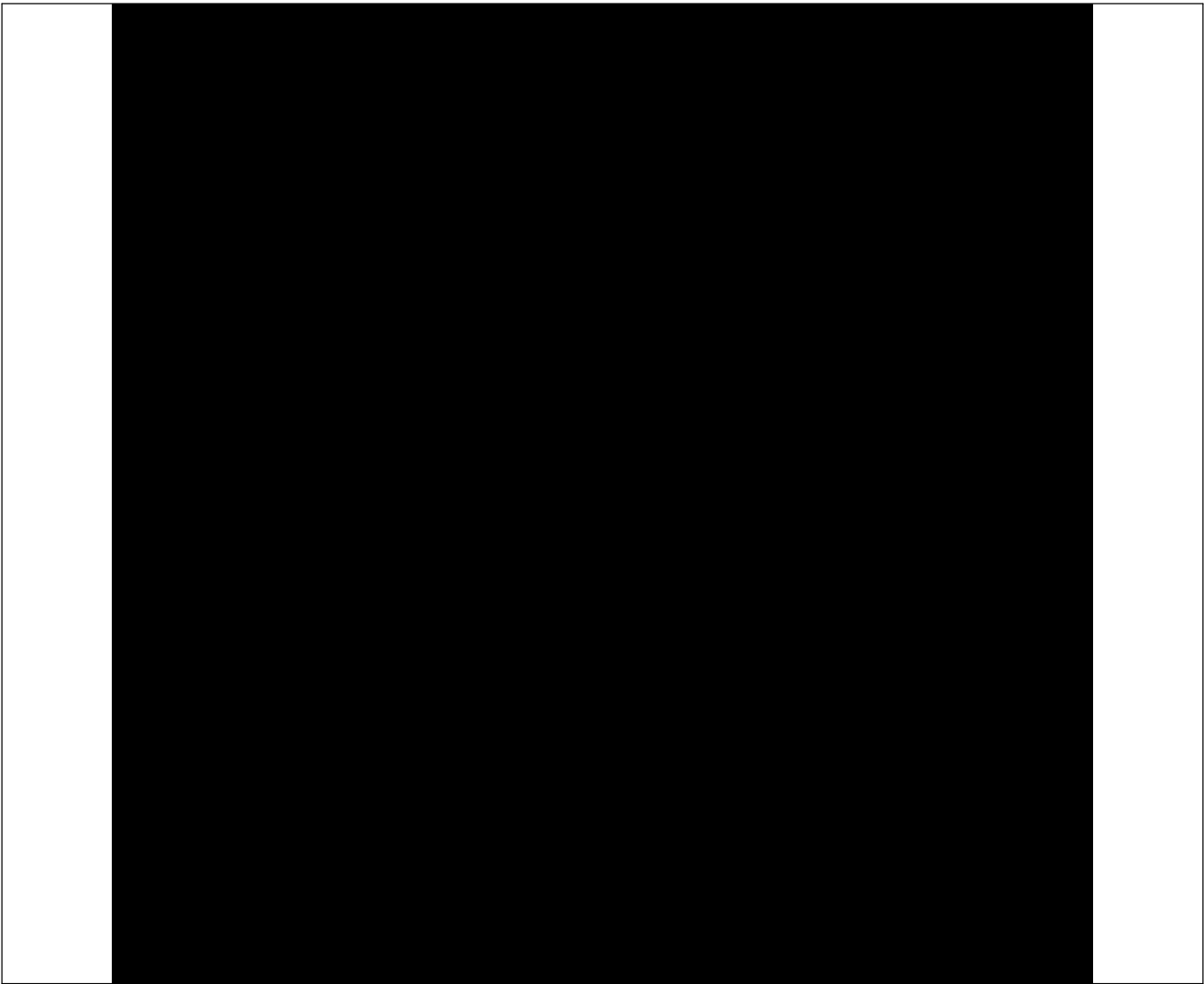
|                  |                       |                       |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catalog:         | Test ID:              |
| Lamp Name:       | Lamp Catalog:         | Test Lab:             |
| Manufacture:     | Test Machine:GON-2000 | Test Date: 2025/03/22 |



3D Light Intensity Distribution Modal

|                 |                       |                       |
|-----------------|-----------------------|-----------------------|
| Lum. Name:55252 | Lum. Catelog:         | Test ID:              |
| Lamp Name:      | Lamp Catelog:         | Test Lab:             |
| Manufacture:    | Test Machine:GON-2000 | Test Date: 2025/03/22 |

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

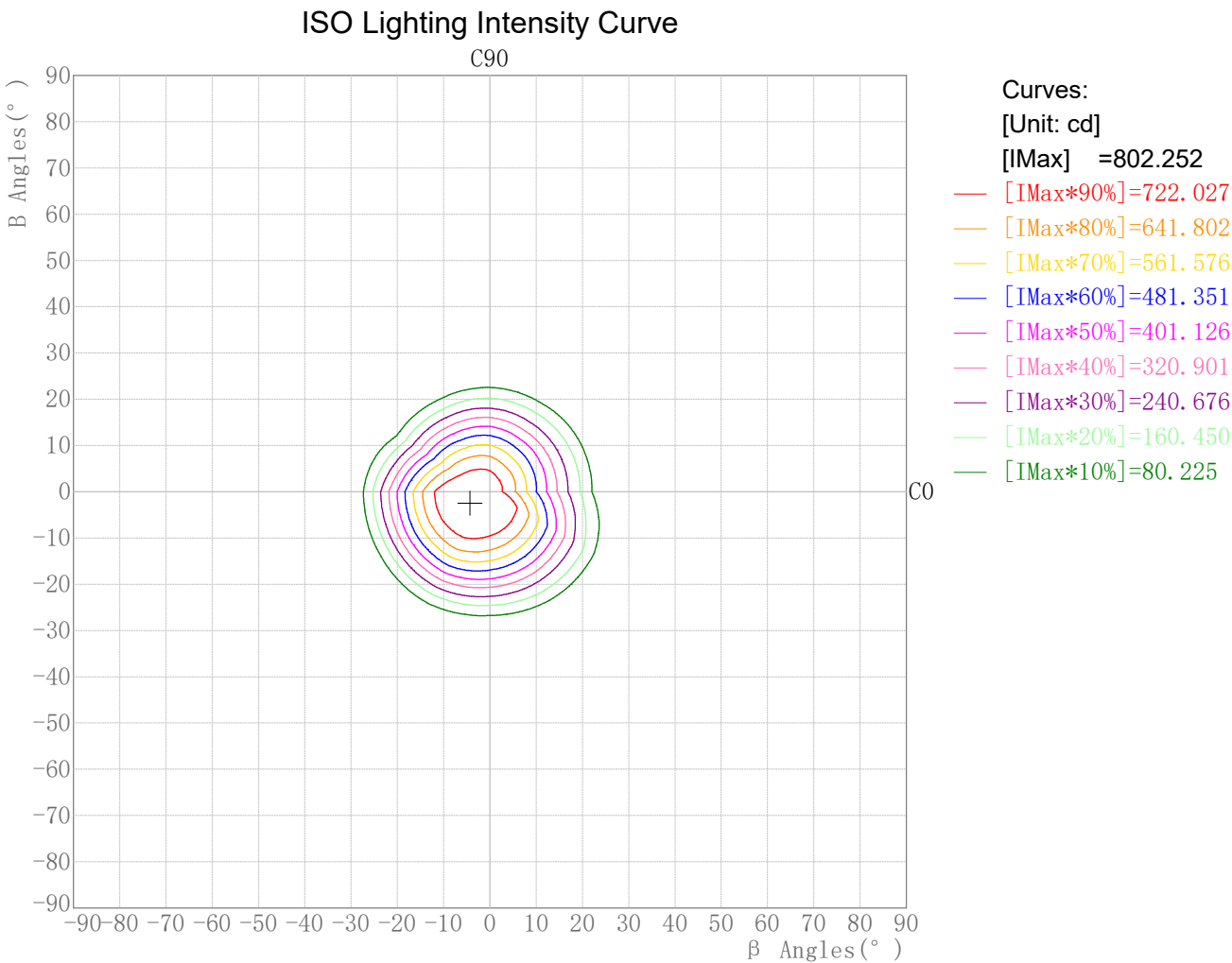
| Zone (γ)  | Zone Flux<br>(lm) | Sums Flux<br>(lm) | Zone%Lamp | Sums%Lamp | Zone (γ)  | Zone Flux<br>(lm) | Sums Flux<br>(lm) | Zone%Lamp | Sums%Lamp |
|-----------|-------------------|-------------------|-----------|-----------|-----------|-------------------|-------------------|-----------|-----------|
| 0.0-1.0   | 0.75              | 0.75              | 0.31      | 0.31      | 47.0-48.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 1.0-2.0   | 2.23              | 2.98              | 0.94      | 1.26      | 48.0-49.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 2.0-3.0   | 3.69              | 6.67              | 1.56      | 2.81      | 49.0-50.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 3.0-4.0   | 5.11              | 11.78             | 2.15      | 4.97      | 50.0-51.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 4.0-5.0   | 6.46              | 18.24             | 2.73      | 7.69      | 51.0-52.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 5.0-6.0   | 7.74              | 25.98             | 3.26      | 10.96     | 52.0-53.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 6.0-7.0   | 8.92              | 34.90             | 3.76      | 14.72     | 53.0-54.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 7.0-8.0   | 9.98              | 44.88             | 4.21      | 18.93     | 54.0-55.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 8.0-9.0   | 10.92             | 55.79             | 4.60      | 23.53     | 55.0-56.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 9.0-10.0  | 11.71             | 67.50             | 4.94      | 28.47     | 56.0-57.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 10.0-11.0 | 12.35             | 79.85             | 5.21      | 33.68     | 57.0-58.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 11.0-12.0 | 12.82             | 92.68             | 5.41      | 39.09     | 58.0-59.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 12.0-13.0 | 13.12             | 105.80            | 5.54      | 44.63     | 59.0-60.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 13.0-14.0 | 13.24             | 119.04            | 5.58      | 50.21     | 60.0-61.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 14.0-15.0 | 13.17             | 132.21            | 5.56      | 55.77     | 61.0-62.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 15.0-16.0 | 12.92             | 145.13            | 5.45      | 61.22     | 62.0-63.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 16.0-17.0 | 12.50             | 157.63            | 5.27      | 66.49     | 63.0-64.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 17.0-18.0 | 11.92             | 169.54            | 5.03      | 71.52     | 64.0-65.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 18.0-19.0 | 11.19             | 180.74            | 4.72      | 76.24     | 65.0-66.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 19.0-20.0 | 10.32             | 191.05            | 4.35      | 80.59     | 66.0-67.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 20.0-21.0 | 9.29              | 200.34            | 3.92      | 84.51     | 67.0-68.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 21.0-22.0 | 8.16              | 208.50            | 3.44      | 87.95     | 68.0-69.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 22.0-23.0 | 7.01              | 215.51            | 2.96      | 90.90     | 69.0-70.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 23.0-24.0 | 5.86              | 221.37            | 2.47      | 93.38     | 70.0-71.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 24.0-25.0 | 4.70              | 226.08            | 1.98      | 95.36     | 71.0-72.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 25.0-26.0 | 3.59              | 229.66            | 1.51      | 96.88     | 72.0-73.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 26.0-27.0 | 2.61              | 232.28            | 1.10      | 97.98     | 73.0-74.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 27.0-28.0 | 1.83              | 234.10            | 0.77      | 98.75     | 74.0-75.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 28.0-29.0 | 1.22              | 235.32            | 0.51      | 99.26     | 75.0-76.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 29.0-30.0 | 0.78              | 236.10            | 0.33      | 99.59     | 76.0-77.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 30.0-31.0 | 0.47              | 236.57            | 0.20      | 99.79     | 77.0-78.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 31.0-32.0 | 0.26              | 236.83            | 0.11      | 99.90     | 78.0-79.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 32.0-33.0 | 0.14              | 236.98            | 0.06      | 99.96     | 79.0-80.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 33.0-34.0 | 0.07              | 237.05            | 0.03      | 99.99     | 80.0-81.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 34.0-35.0 | 0.02              | 237.07            | 0.01      | 100.00    | 81.0-82.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 35.0-36.0 | 0.00              | 237.07            | 0.00      | 100.00    | 82.0-83.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 36.0-37.0 | 0.00              | 237.07            | 0.00      | 100.00    | 83.0-84.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 37.0-38.0 | 0.00              | 237.07            | 0.00      | 100.00    | 84.0-85.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 38.0-39.0 | 0.00              | 237.07            | 0.00      | 100.00    | 85.0-86.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 39.0-40.0 | 0.00              | 237.07            | 0.00      | 100.00    | 86.0-87.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 40.0-41.0 | 0.00              | 237.07            | 0.00      | 100.00    | 87.0-88.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 41.0-42.0 | 0.00              | 237.07            | 0.00      | 100.00    | 88.0-89.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 42.0-43.0 | 0.00              | 237.07            | 0.00      | 100.00    | 89.0-90.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 43.0-44.0 | 0.00              | 237.07            | 0.00      | 100.00    | 90.0-91.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 44.0-45.0 | 0.00              | 237.07            | 0.00      | 100.00    | 91.0-92.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 45.0-46.0 | 0.00              | 237.07            | 0.00      | 100.00    | 92.0-93.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 46.0-47.0 | 0.00              | 237.07            | 0.00      | 100.00    | 93.0-94.0 | 0.00              | 237.07            | 0.00      | 100.00    |

Zonal Flux Tabulation - (Cont.)

| Zone (γ)    | Zone Flux<br>(lm) | Sums Flux<br>(lm) | Zone%Lamp | Sums%Lamp | Zone (γ)    | Zone Flux<br>(lm) | Sums Flux<br>(lm) | Zone%Lamp | Sums%Lamp |
|-------------|-------------------|-------------------|-----------|-----------|-------------|-------------------|-------------------|-----------|-----------|
| 94.0-95.0   | 0.00              | 237.07            | 0.00      | 100.00    | 141.0-142.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 95.0-96.0   | 0.00              | 237.07            | 0.00      | 100.00    | 142.0-143.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 96.0-97.0   | 0.00              | 237.07            | 0.00      | 100.00    | 143.0-144.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 97.0-98.0   | 0.00              | 237.07            | 0.00      | 100.00    | 144.0-145.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 98.0-99.0   | 0.00              | 237.07            | 0.00      | 100.00    | 145.0-146.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 99.0-100.0  | 0.00              | 237.07            | 0.00      | 100.00    | 146.0-147.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 100.0-101.0 | 0.00              | 237.07            | 0.00      | 100.00    | 147.0-148.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 101.0-102.0 | 0.00              | 237.07            | 0.00      | 100.00    | 148.0-149.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 102.0-103.0 | 0.00              | 237.07            | 0.00      | 100.00    | 149.0-150.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 103.0-104.0 | 0.00              | 237.07            | 0.00      | 100.00    | 150.0-151.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 104.0-105.0 | 0.00              | 237.07            | 0.00      | 100.00    | 151.0-152.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 105.0-106.0 | 0.00              | 237.07            | 0.00      | 100.00    | 152.0-153.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 106.0-107.0 | 0.00              | 237.07            | 0.00      | 100.00    | 153.0-154.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 107.0-108.0 | 0.00              | 237.07            | 0.00      | 100.00    | 154.0-155.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 108.0-109.0 | 0.00              | 237.07            | 0.00      | 100.00    | 155.0-156.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 109.0-110.0 | 0.00              | 237.07            | 0.00      | 100.00    | 156.0-157.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 110.0-111.0 | 0.00              | 237.07            | 0.00      | 100.00    | 157.0-158.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 111.0-112.0 | 0.00              | 237.07            | 0.00      | 100.00    | 158.0-159.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 112.0-113.0 | 0.00              | 237.07            | 0.00      | 100.00    | 159.0-160.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 113.0-114.0 | 0.00              | 237.07            | 0.00      | 100.00    | 160.0-161.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 114.0-115.0 | 0.00              | 237.07            | 0.00      | 100.00    | 161.0-162.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 115.0-116.0 | 0.00              | 237.07            | 0.00      | 100.00    | 162.0-163.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 116.0-117.0 | 0.00              | 237.07            | 0.00      | 100.00    | 163.0-164.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 117.0-118.0 | 0.00              | 237.07            | 0.00      | 100.00    | 164.0-165.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 118.0-119.0 | 0.00              | 237.07            | 0.00      | 100.00    | 165.0-166.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 119.0-120.0 | 0.00              | 237.07            | 0.00      | 100.00    | 166.0-167.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 120.0-121.0 | 0.00              | 237.07            | 0.00      | 100.00    | 167.0-168.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 121.0-122.0 | 0.00              | 237.07            | 0.00      | 100.00    | 168.0-169.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 122.0-123.0 | 0.00              | 237.07            | 0.00      | 100.00    | 169.0-170.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 123.0-124.0 | 0.00              | 237.07            | 0.00      | 100.00    | 170.0-171.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 124.0-125.0 | 0.00              | 237.07            | 0.00      | 100.00    | 171.0-172.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 125.0-126.0 | 0.00              | 237.07            | 0.00      | 100.00    | 172.0-173.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 126.0-127.0 | 0.00              | 237.07            | 0.00      | 100.00    | 173.0-174.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 127.0-128.0 | 0.00              | 237.07            | 0.00      | 100.00    | 174.0-175.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 128.0-129.0 | 0.00              | 237.07            | 0.00      | 100.00    | 175.0-176.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 129.0-130.0 | 0.00              | 237.07            | 0.00      | 100.00    | 176.0-177.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 130.0-131.0 | 0.00              | 237.07            | 0.00      | 100.00    | 177.0-178.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 131.0-132.0 | 0.00              | 237.07            | 0.00      | 100.00    | 178.0-179.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 132.0-133.0 | 0.00              | 237.07            | 0.00      | 100.00    | 179.0-180.0 | 0.00              | 237.07            | 0.00      | 100.00    |
| 133.0-134.0 | 0.00              | 237.07            | 0.00      | 100.00    |             |                   |                   |           |           |
| 134.0-135.0 | 0.00              | 237.07            | 0.00      | 100.00    |             |                   |                   |           |           |
| 135.0-136.0 | 0.00              | 237.07            | 0.00      | 100.00    |             |                   |                   |           |           |
| 136.0-137.0 | 0.00              | 237.07            | 0.00      | 100.00    |             |                   |                   |           |           |
| 137.0-138.0 | 0.00              | 237.07            | 0.00      | 100.00    |             |                   |                   |           |           |
| 138.0-139.0 | 0.00              | 237.07            | 0.00      | 100.00    |             |                   |                   |           |           |
| 139.0-140.0 | 0.00              | 237.07            | 0.00      | 100.00    |             |                   |                   |           |           |
| 140.0-141.0 | 0.00              | 237.07            | 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: 2025/03/22 |

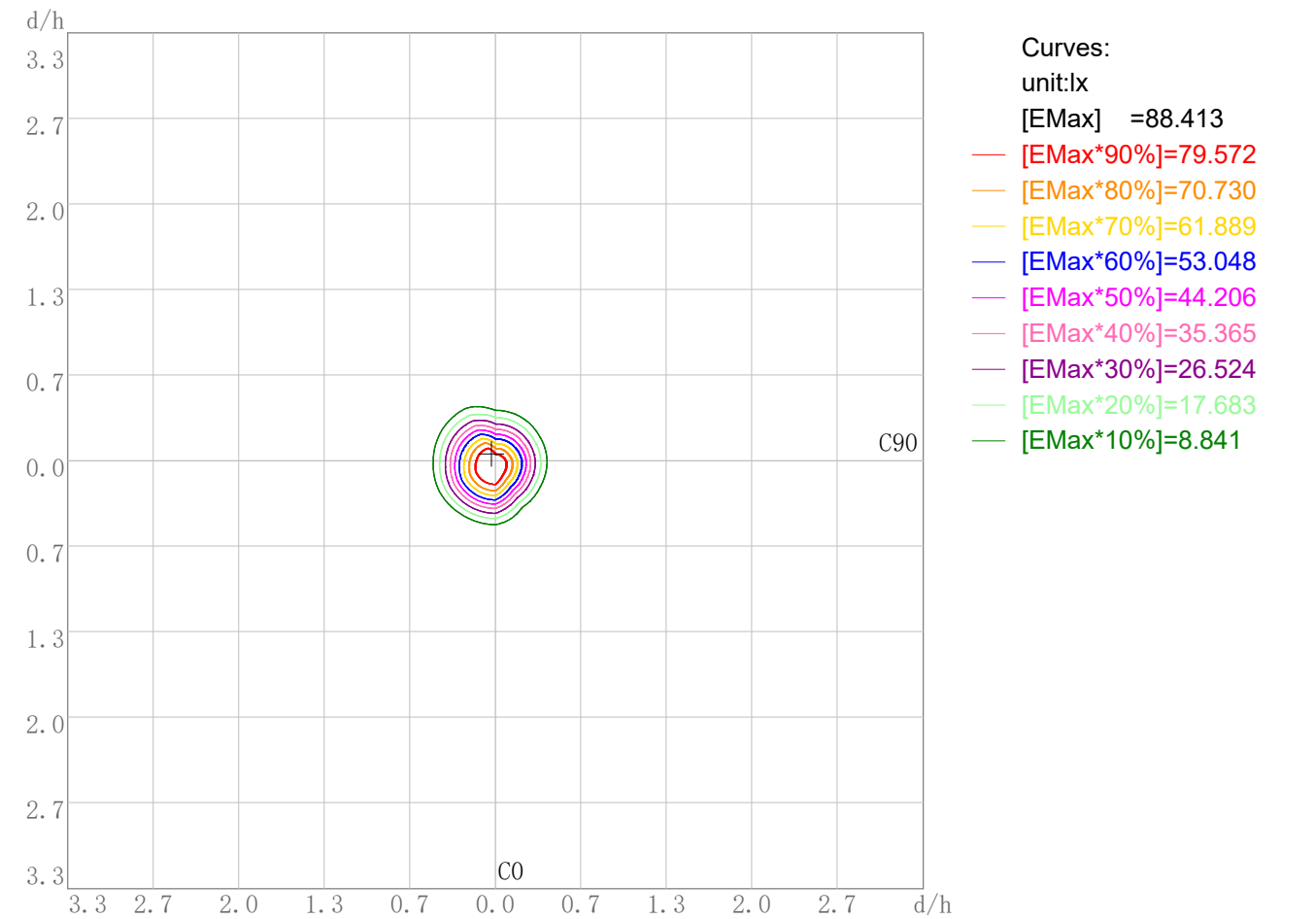


Maximum Light Intensity(cd): 802.25  
Maximum Cand.@Angle: H=-4.3°,V=-2.5°

Plane ISO-Illuminance Diagram

|                  |                       |                       |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catalog:         | Test ID:              |
| Lamp Name:       | Lamp Catalog:         | Test Lab:             |
| Manufacture:     | Test Machine:GON-2000 | Test Date: 2025/03/22 |

Plane ISO-Illuminance Curve

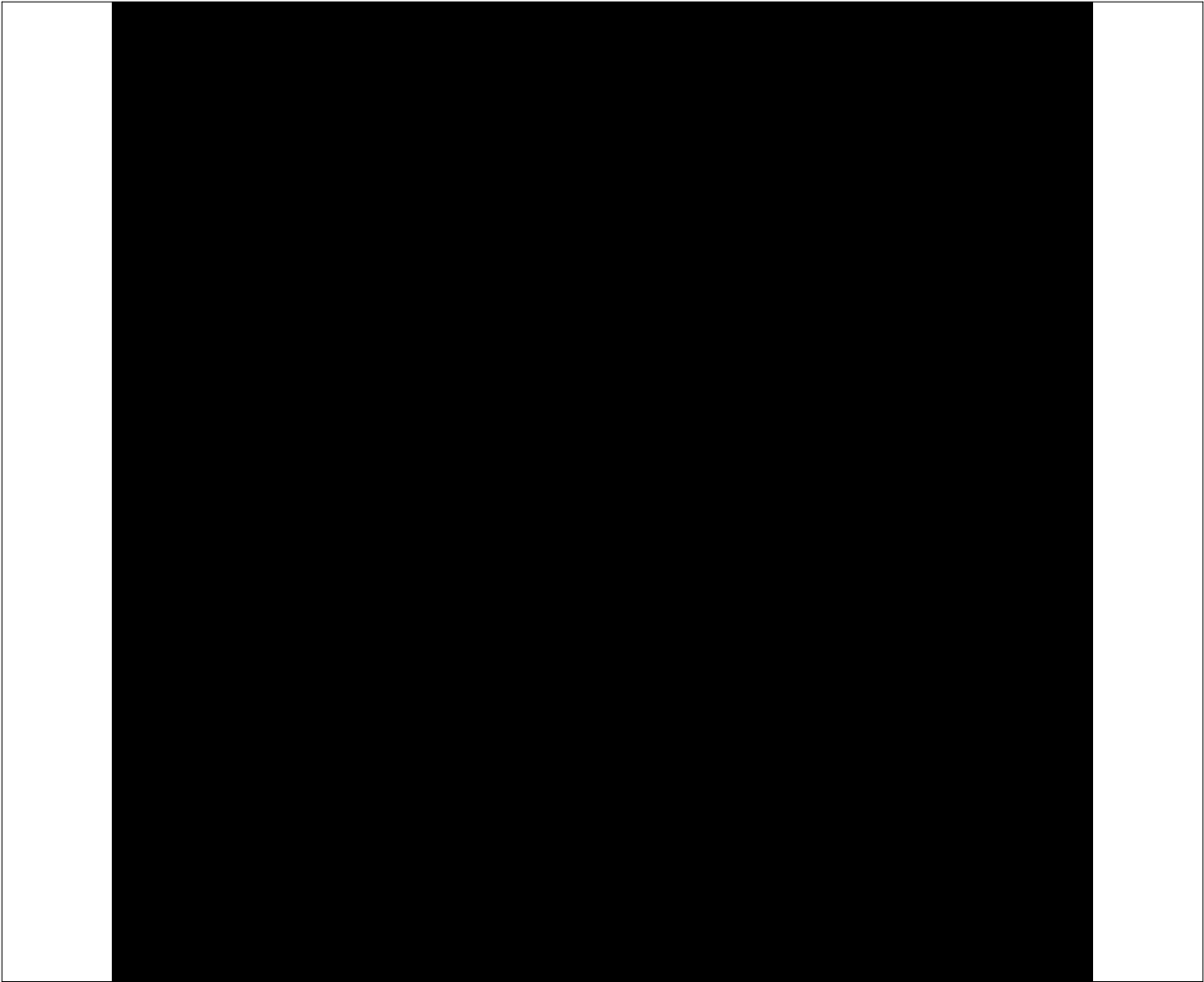


Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 88.41  
Working Plane Maximum Illuminance Position(d/h):H-0.0 V-0.1

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: 2025/03/22 |

3D Plane Illuminance Modal



Curves: 3D Model90%80%70%60%50%40%30%20%10%

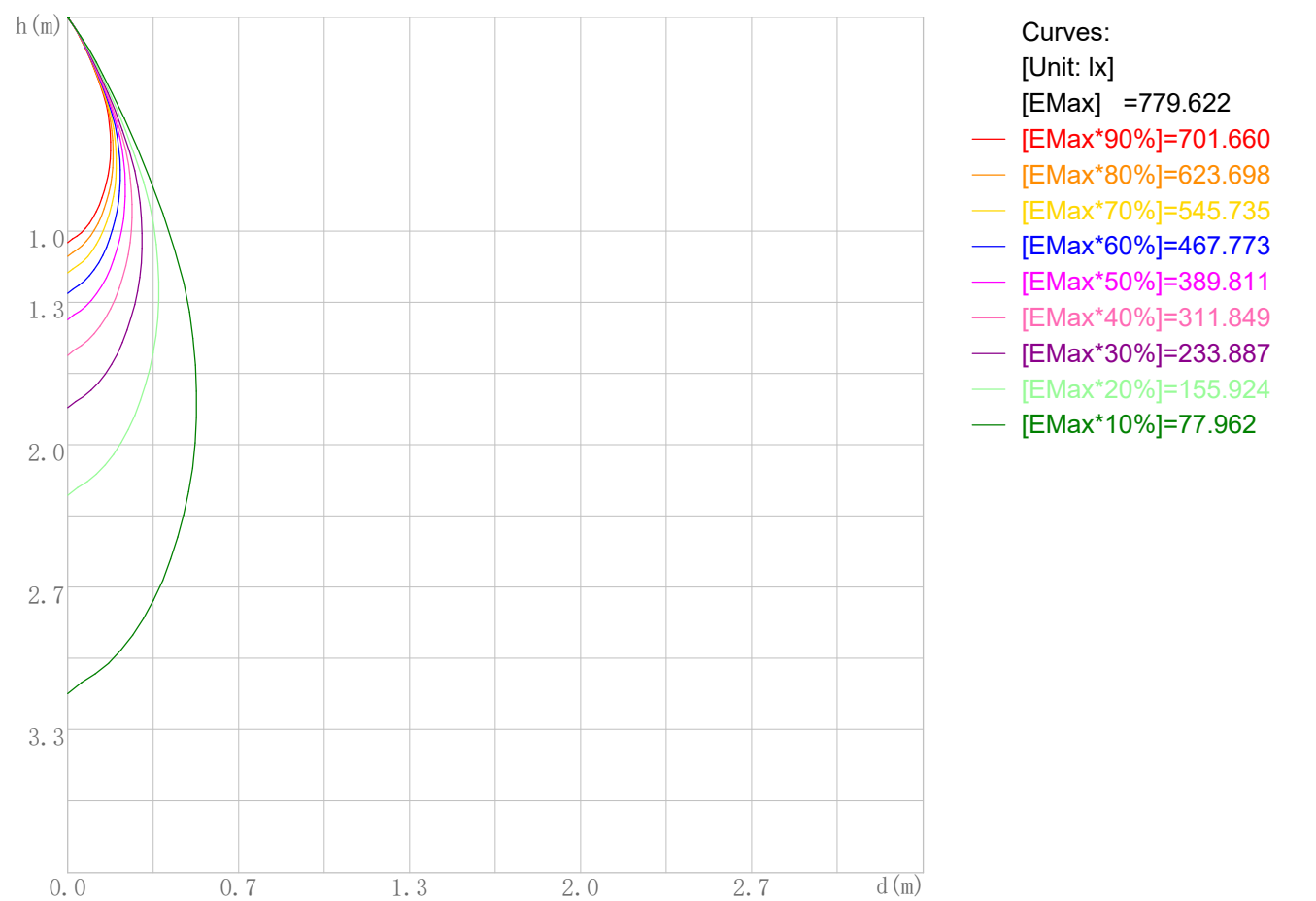
View Angles(deg): 0Height(m): 3.0Distance(m): 10.0



Space ISO Illuminance Diagram

|                  |                       |                       |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catalog:         | Test ID:              |
| Lamp Name:       | Lamp Catalog:         | Test Lab:             |
| Manufacture:     | Test Machine:GON-2000 | Test Date: 2025/03/22 |

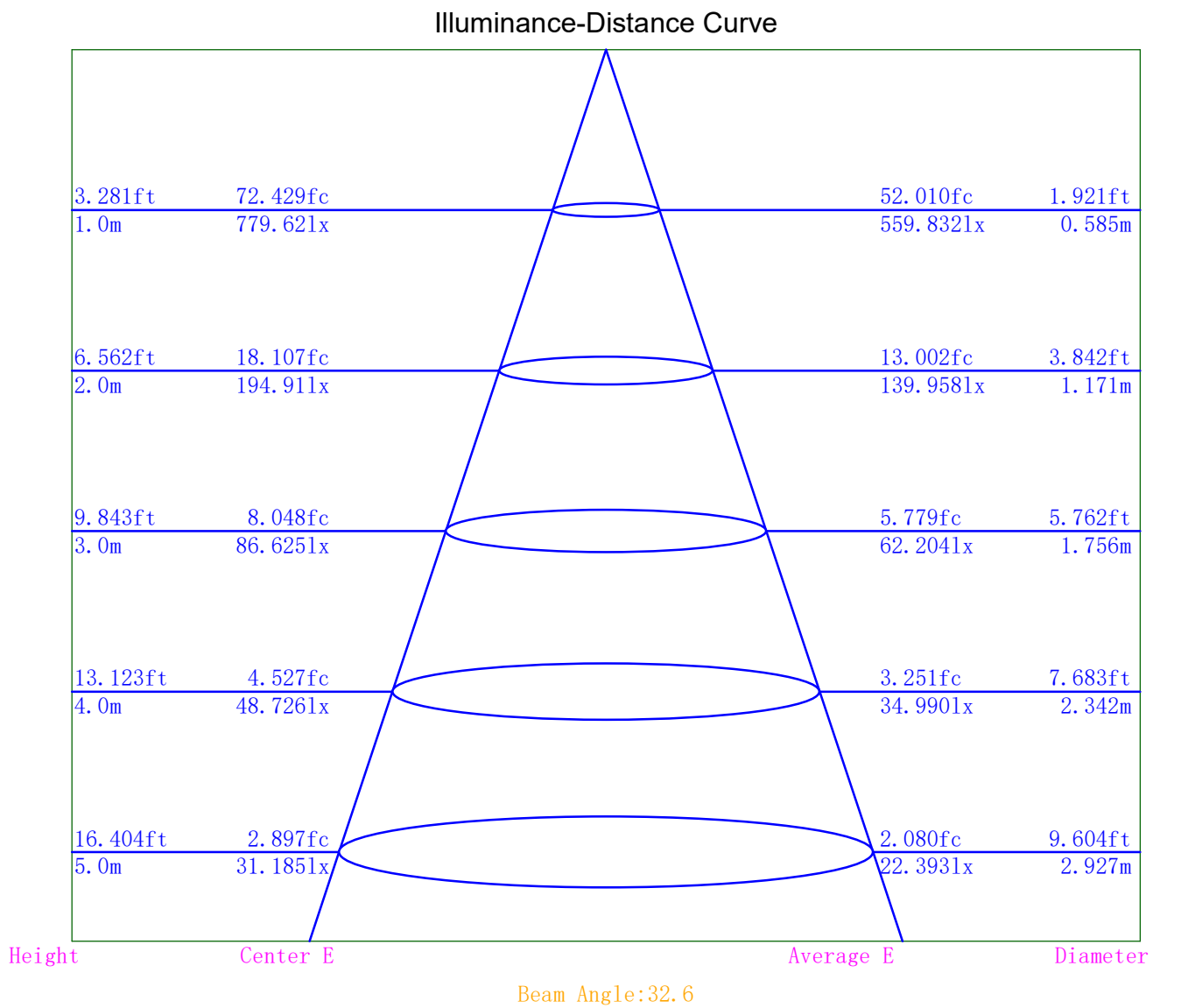
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:779.62lx,0.0deg  
Plane Maximum Lighting Intensity and @Angle:779.622cd,0deg

Illuminance-Distance Diagram

|                  |                       |                       |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catelog:         | Test ID:              |
| Lamp Name:       | Lamp Catelog:         | Test Lab:             |
| Manufacture:     | Test Machine:GON-2000 | Test Date: 2025/03/22 |



Indoor Luminance Limiting Curves

|                  |                       |                       |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catalog:         | Test ID:              |
| Lamp Name:       | Lamp Catalog:         | Test Lab:             |
| Manufacture:     | Test Machine:GON-2000 | Test Date: 2025/03/22 |

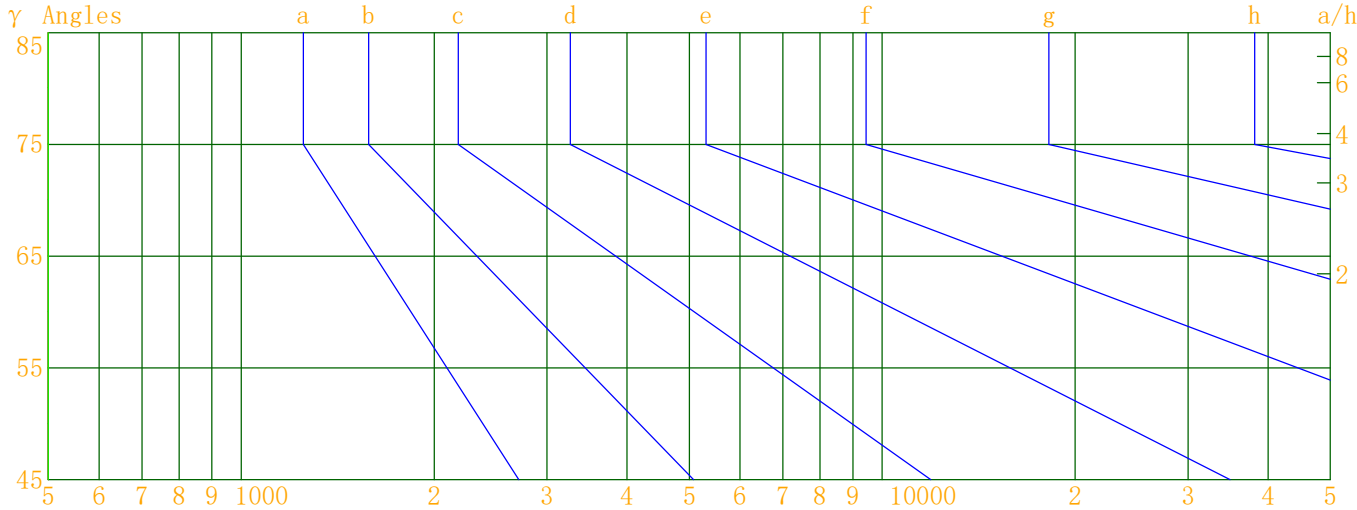
Glare Grade Table

| 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         | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| C90        | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |

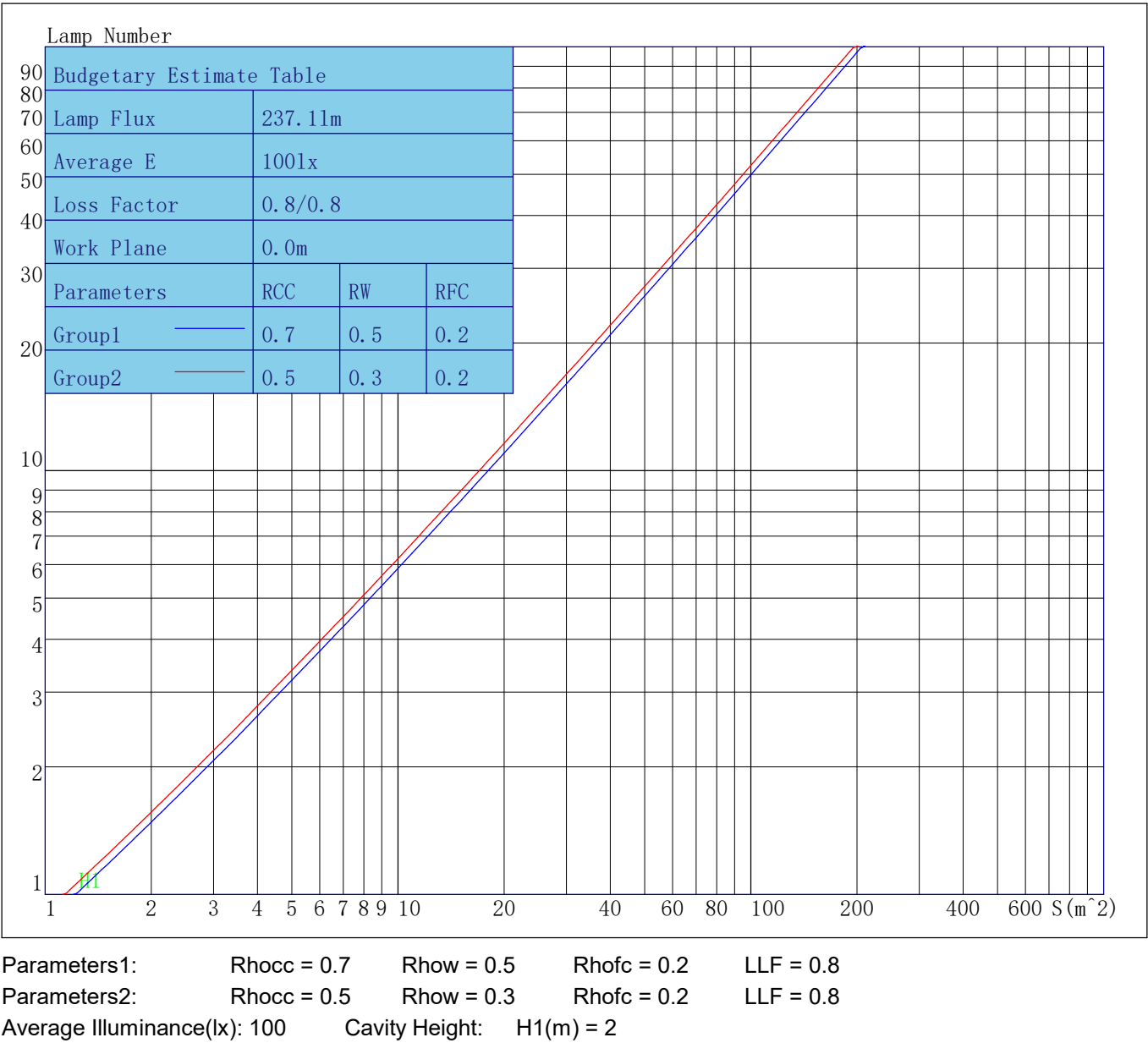
Luminance Limiting Curve



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

|                  |                       |                       |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catalog:         | Test ID:              |
| Lamp Name:       | Lamp Catalog:         | Test Lab:             |
| Manufacture:     | Test Machine:GON-2000 | Test Date: 2025/03/22 |



Indoor Coefficient of Utilization Table

|                  |                       |                       |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catalog:         | Test ID:              |
| Lamp Name:       | Lamp Catalog:         | Test Lab:             |
| Manufacture:     | Test Machine:GON-2000 | Test Date: 2025/03/22 |

| 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   | 115   | 113 | 111 | 109 | 113 | 111 | 109 | 108 | 107 | 105 | 104 | 103 | 102 | 101 | 100 | 99  | 98  | 97  |
| 2   | 111   | 108 | 105 | 102 | 109 | 106 | 103 | 101 | 103 | 101 | 99  | 100 | 98  | 97  | 97  | 96  | 95  | 93  |
| 3   | 108   | 103 | 99  | 97  | 106 | 102 | 98  | 96  | 99  | 97  | 94  | 97  | 95  | 93  | 95  | 93  | 91  | 90  |
| 4   | 104   | 99  | 95  | 92  | 103 | 98  | 94  | 91  | 96  | 93  | 90  | 94  | 91  | 89  | 92  | 90  | 88  | 87  |
| 5   | 101   | 95  | 91  | 88  | 100 | 94  | 91  | 88  | 93  | 89  | 87  | 91  | 88  | 86  | 90  | 87  | 86  | 84  |
| 6   | 98  | 92  | 88  | 85  | 97  | 91  | 87  | 84  | 90  | 86  | 84  | 89  | 86  | 83  | 87  | 85  | 83  | 82  |
| 7   | 95  | 89  | 85  | 82  | 94  | 88  | 84  | 81  | 87  | 84  | 81  | 86  | 83  | 81  | 85  | 82  | 80  | 79  |
| 8   | 93  | 86  | 82  | 79  | 92  | 85  | 81  | 79  | 85  | 81  | 78  | 84  | 80  | 78  | 83  | 80  | 78  | 77  |
| 9   | 90  | 83  | 79  | 76  | 89  | 83  | 79  | 76  | 82  | 78  | 76  | 81  | 78  | 76  | 81  | 78  | 76  | 75  |
| 10  | 88  | 81  | 77  | 74  | 87  | 80  | 77  | 74  | 80  | 76  | 74  | 79  | 76  | 74  | 78  | 76  | 73  | 72  |

Unified Glare Rating Table

|                  |                       |                       |
|------------------|-----------------------|-----------------------|
| Lum. Name: 55252 | Lum. Catalog:         | Test ID:              |
| Lamp Name:       | Lamp Catalog:         | Test Lab:             |
| Manufacture:     | Test Machine:GON-2000 | Test Date: 2025/03/22 |

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  | -16.1           | -15.3 | -15.8 | -15.0 | -14.7 | -5.7          | -4.9 | -5.3 | -4.5 | -4.2 |
|   | Y=3H  | -16.4           | -15.6 | -16.0 | -15.3 | -14.9 | -5.9          | -5.2 | -5.5 | -4.9 | -4.5 |
|   | Y=4H  | -16.5           | -15.8 | -16.1 | -15.4 | -15.1 | -6.0          | -5.4 | -5.6 | -5.0 | -4.6 |
|   | Y=6H  | -16.6           | -16.0 | -16.2 | -15.6 | -15.2 | -6.2          | -5.5 | -5.7 | -5.2 | -4.8 |
|   | Y=8H  | -16.7           | -16.1 | -16.2 | -15.7 | -15.3 | -6.2          | -5.6 | -5.8 | -5.3 | -4.8 |
|   | Y=12H | -16.7           | -16.2 | -16.3 | -15.8 | -15.4 | -6.3          | -5.7 | -5.8 | -5.4 | -4.9 |
| X=4H  | Y=2H  | -16.5           | -15.8 | -16.1 | -15.4 | -15.1 | -6.0          | -5.4 | -5.6 | -5.0 | -4.6 |
|   | Y=3H  | -16.7           | -16.2 | -16.3 | -15.8 | -15.3 | -6.3          | -5.7 | -5.9 | -5.3 | -4.9 |
|   | Y=4H  | -16.8           | -16.4 | -16.4 | -15.9 | -15.5 | -6.4          | -5.9 | -6.0 | -5.5 | -5.0 |
|   | Y=6H  | -17.0           | -16.6 | -16.5 | -16.1 | -15.6 | -6.5          | -6.1 | -6.0 | -5.7 | -5.2 |
|   | Y=8H  | -17.0           | -16.7 | -16.6 | -16.2 | -15.7 | -6.6          | -6.2 | -6.1 | -5.8 | -5.3 |
|   | Y=12H | -17.1           | -16.8 | -16.6 | -16.3 | -15.8 | -6.7          | -6.4 | -6.2 | -5.9 | -5.4 |
| X=8H  | Y=4H  | -17.0           | -16.7 | -16.6 | -16.2 | -15.7 | -6.6          | -6.2 | -6.1 | -5.8 | -5.3 |
|   | Y=6H  | -17.2           | -16.9 | -16.7 | -16.4 | -15.9 | -6.7          | -6.4 | -6.2 | -5.9 | -5.4 |
|   | Y=8H  | -17.2           | -17.0 | -16.7 | -16.5 | -16.0 | -6.8          | -6.6 | -6.3 | -6.0 | -5.5 |
|   | Y=12H | -17.3           | -17.1 | -16.8 | -16.6 | -16.0 | -6.9          | -6.7 | -6.3 | -6.2 | -5.6 |
| X=12H   | Y=4H  | -17.1           | -16.8 | -16.6 | -16.3 | -15.8 | -6.7          | -6.4 | -6.2 | -5.9 | -5.4 |
|   | Y=6H  | -17.2           | -17.0 | -16.7 | -16.5 | -16.0 | -6.8          | -6.6 | -6.3 | -6.1 | -5.5 |
|   | Y=8H  | -17.3           | -17.1 | -16.8 | -16.6 | -16.0 | -6.9          | -6.7 | -6.3 | -6.2 | -5.6 |
| Variations with the objerver position at spacings |       |                 |       |       |       |       |               |      |      |      |      |
| S=1.0H  |       | 0.0/0.0         |       |       |       |       | 0.0/0.0       |      |      |      |      |
| S=1.5H  |       | 0.0/0.0         |       |       |       |       | 0.0/0.0       |      |      |      |      |
| S=2.0H  |       | 0.0/0.0         |       |       |       |       | 0.0/0.0       |      |      |      |      |
| Reduced UGR Table:                                |       |                 |       |       |       |       |               |      |      |      |      |
| Nordic Standard Table:                            |       | BKO             |       |       |       |       | BKO           |      |      |      |      |
| Correction Value                                  |       | 0.0             |       |       |       |       | 0.0           |      |      |      |      |

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

**IES Indoor Report**  
**Photometric Filename:UL-4W-COB-0400-FH-(N)-15D-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  | 779.62 | 779.62 | 779.62 | 779.62 | 779.62 | 779.62 | 779.62 | 779.62 | 779.62 | 779.62 | 779.62 | 779.62 |
| γ 1.0  | 754.67 | 759.72 | 762.94 | 775.38 | 783.87 | 795.10 | 783.17 | 786.30 | 785.58 | 789.19 | 791.49 | 793.54 |
| γ 2.0  | 736.28 | 741.65 | 747.72 | 764.15 | 775.90 | 790.84 | 792.28 | 793.52 | 791.70 | 790.98 | 790.87 | 789.12 |
| γ 3.0  | 714.63 | 720.73 | 729.14 | 750.26 | 765.56 | 784.93 | 797.95 | 798.87 | 795.66 | 791.06 | 787.12 | 781.09 |
| γ 4.0  | 688.01 | 697.28 | 707.41 | 733.00 | 751.47 | 775.83 | 801.01 | 801.50 | 796.80 | 788.55 | 780.43 | 769.63 |
| γ 5.0  | 658.61 | 670.67 | 682.51 | 711.95 | 733.91 | 763.32 | 801.86 | 802.25 | 796.72 | 783.89 | 771.66 | 756.86 |
| γ 6.0  | 626.40 | 639.52 | 654.08 | 687.63 | 711.81 | 746.99 | 800.06 | 800.45 | 793.93 | 776.40 | 760.22 | 739.59 |
| γ 7.0  | 592.29 | 605.87 | 622.90 | 659.99 | 686.81 | 726.78 | 794.11 | 795.81 | 788.57 | 766.32 | 744.99 | 717.83 |
| γ 8.0  | 556.73 | 570.65 | 590.30 | 630.68 | 659.13 | 703.23 | 785.78 | 787.49 | 779.09 | 751.99 | 725.27 | 692.91 |
| γ 9.0  | 519.32 | 533.87 | 555.51 | 598.72 | 628.21 | 676.15 | 774.11 | 775.47 | 767.48 | 733.97 | 702.37 | 665.66 |
| γ 10.0 | 482.22 | 496.92 | 519.69 | 563.55 | 593.14 | 645.14 | 760.46 | 760.60 | 751.87 | 711.97 | 676.68 | 635.72 |
| γ 11.0 | 446.32 | 459.97 | 483.10 | 526.28 | 554.73 | 609.07 | 743.32 | 742.75 | 731.33 | 687.16 | 647.55 | 602.40 |
| γ 12.0 | 410.00 | 422.85 | 444.43 | 487.33 | 513.84 | 569.70 | 721.35 | 721.20 | 708.52 | 659.33 | 616.61 | 567.19 |
| γ 13.0 | 374.27 | 386.26 | 404.73 | 446.64 | 472.87 | 527.11 | 694.05 | 694.43 | 682.25 | 629.72 | 582.71 | 531.12 |
| γ 14.0 | 338.14 | 348.97 | 365.37 | 405.52 | 430.76 | 482.59 | 661.94 | 662.60 | 652.09 | 595.84 | 547.23 | 494.61 |
| γ 15.0 | 302.74 | 312.01 | 326.20 | 363.56 | 387.86 | 437.37 | 625.43 | 626.09 | 617.64 | 558.10 | 510.84 | 458.44 |
| γ 16.0 | 268.40 | 275.67 | 288.06 | 323.06 | 344.24 | 391.13 | 585.44 | 586.36 | 578.82 | 518.14 | 473.33 | 421.60 |
| γ 17.0 | 235.98 | 241.14 | 251.03 | 281.74 | 302.02 | 345.01 | 542.85 | 543.69 | 537.59 | 477.65 | 434.02 | 383.82 |
| γ 18.0 | 204.44 | 208.01 | 215.42 | 242.57 | 261.30 | 300.79 | 498.04 | 498.26 | 492.35 | 435.84 | 394.33 | 346.82 |
| γ 19.0 | 174.98 | 177.07 | 181.46 | 205.53 | 220.54 | 257.42 | 450.64 | 450.67 | 445.43 | 392.74 | 354.34 | 309.68 |
| γ 20.0 | 145.35 | 147.17 | 148.11 | 168.58 | 179.29 | 214.09 | 403.04 | 402.95 | 398.38 | 348.92 | 314.26 | 273.19 |
| γ 21.0 | 113.19 | 115.14 | 113.36 | 130.80 | 137.21 | 169.04 | 357.15 | 355.95 | 351.88 | 305.81 | 274.97 | 238.34 |
| γ 22.0 | 82.05  | 83.15  | 80.82  | 95.62  | 99.61  | 127.07 | 312.58 | 310.26 | 307.12 | 265.04 | 238.65 | 206.15 |
| γ 23.0 | 56.89  | 57.58  | 55.79  | 67.38  | 69.55  | 91.11  | 268.26 | 264.14 | 263.75 | 225.03 | 204.09 | 176.38 |
| γ 24.0 | 38.04  | 38.58  | 36.03  | 44.79  | 44.61  | 60.35  | 221.62 | 216.48 | 219.38 | 183.99 | 169.19 | 145.85 |
| γ 25.0 | 23.39  | 24.30  | 21.19  | 27.82  | 27.96  | 39.24  | 173.01 | 167.09 | 173.09 | 142.54 | 131.93 | 112.20 |
| γ 26.0 | 13.46  | 14.02  | 11.83  | 16.73  | 16.54  | 25.26  | 128.92 | 121.97 | 129.54 | 104.47 | 96.77  | 80.42  |
| γ 27.0 | 8.11   | 8.02   | 7.04   | 9.82   | 9.18   | 15.22  | 90.66  | 84.70  | 92.39  | 72.71  | 68.34  | 56.34  |
| γ 28.0 | 4.97   | 4.68   | 4.20   | 5.64   | 5.38   | 8.34   | 60.82  | 56.60  | 61.63  | 47.57  | 45.58  | 37.34  |
| γ 29.0 | 2.63   | 2.51   | 2.18   | 3.15   | 3.01   | 4.16   | 40.20  | 36.83  | 39.60  | 30.49  | 28.60  | 23.16  |
| γ 30.0 | 0.90   | 0.77   | 0.43   | 1.40   | 1.40   | 2.02   | 25.28  | 22.64  | 24.43  | 18.96  | 17.45  | 14.31  |
| γ 31.0 | 0.00   | 0.00   | 0.00   | 0.04   | 0.06   | 0.40   | 14.28  | 12.88  | 13.84  | 10.92  | 10.48  | 8.90   |
| γ 32.0 | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 7.13   | 6.26   | 6.98   | 5.79   | 6.45   | 5.48   |
| γ 33.0 | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 3.58   | 2.93   | 3.44   | 3.09   | 3.75   | 3.10   |
| γ 34.0 | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 1.70   | 1.11   | 1.50   | 1.30   | 1.81   | 1.10   |
| γ 35.0 | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.27   | 0.00   | 0.10   | 0.00   | 0.30   | 0.00   |
| γ 36.0 | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 37.0 | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 38.0 | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 39.0 | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 40.0 | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 41.0 | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 42.0 | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 43.0 | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 44.0 | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 45.0 | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 46.0 | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |

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 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 48.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 49.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 50.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 51.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 52.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 53.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 54.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 55.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 56.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 57.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 58.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 59.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 60.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 61.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 62.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 63.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 64.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 65.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 66.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 67.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 68.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 69.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 70.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 71.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 72.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 73.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 74.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 75.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 76.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 77.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 78.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 79.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 80.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 81.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 82.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 83.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 84.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 85.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 86.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 87.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 88.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 89.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 90.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 91.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 92.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 93.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |



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  | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 95.0  | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 96.0  | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 97.0  | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 98.0  | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 99.0  | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 100.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 101.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 102.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 103.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 104.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 105.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 106.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 107.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 108.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 109.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 110.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 111.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 112.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 113.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 114.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 115.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 116.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 117.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 118.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 119.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 120.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 121.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 122.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 123.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 124.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 125.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 126.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 127.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 128.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 129.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 130.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 131.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 132.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 133.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 134.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 135.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 136.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 137.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 138.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 139.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 140.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |

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 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 142.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 143.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 144.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 145.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 146.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 147.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 148.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 149.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 150.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 151.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 152.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 153.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 154.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 155.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 156.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 157.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 158.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 159.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 160.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 161.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 162.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 163.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 164.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 165.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 166.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 167.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 168.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 169.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 170.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 171.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 172.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 173.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 174.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 175.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 176.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 177.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 178.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 179.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| γ 180.0 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |