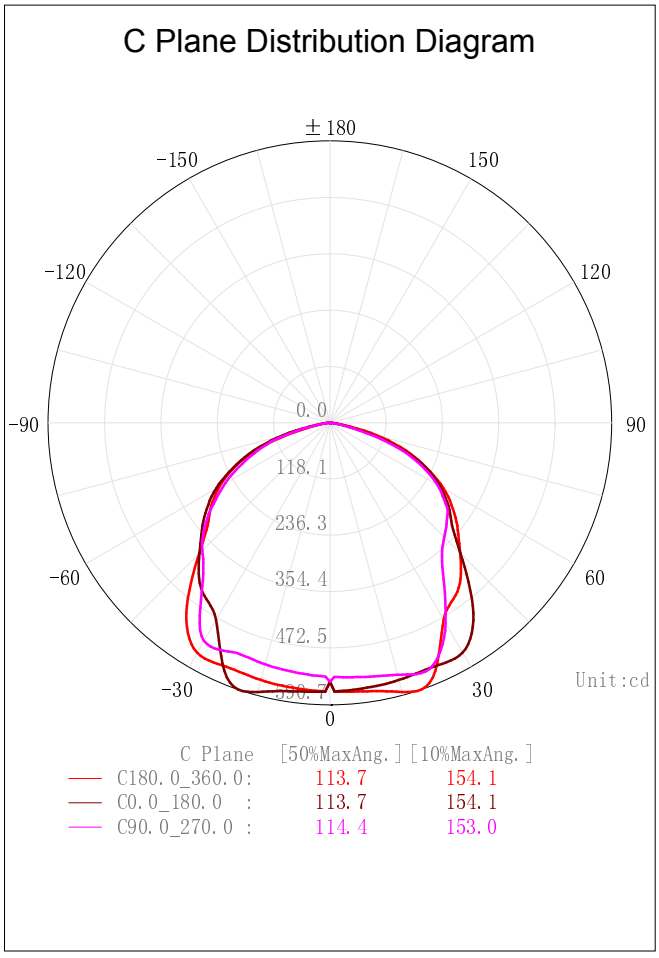
# Indoor Luminaire Photometric Data

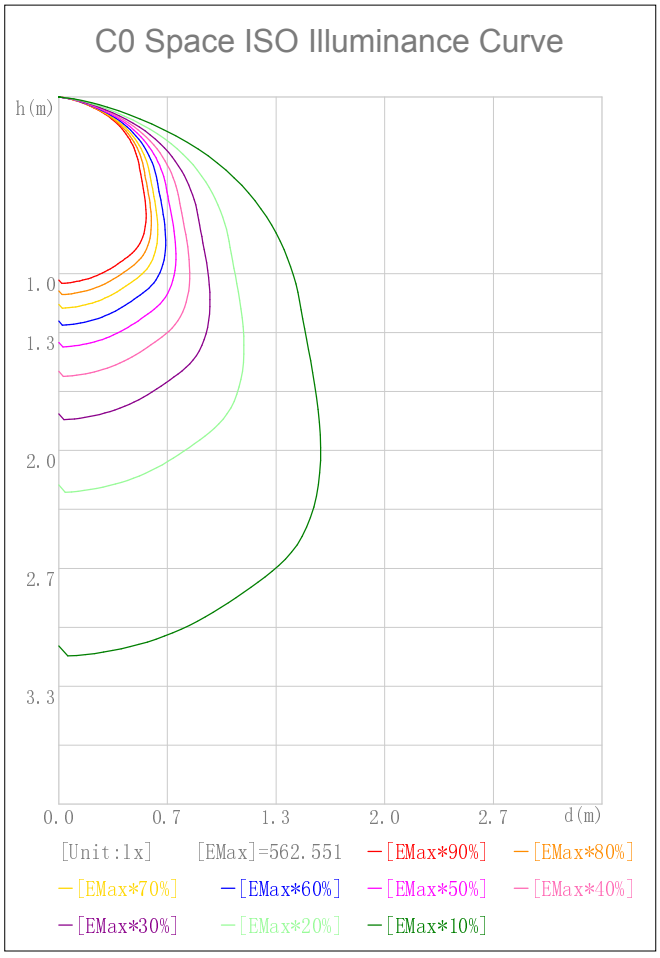
## Description Information

| | | | |
|---|---|---|---|
| Luminary Name: 55252 | | Lum. Catelog: | Test ID: |
| Lamp Name: | | Lamp Catelog: | Test Date: 2021/03/15 |
| 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.(℃): 25 | Humidity(%): |

## Character Parameter

| Lamp Speciality Parameter | Luminaire Speciality Parameter | |
|---|---|---|
| Rated Flux(lm): 1585.990 | Luminary Flux(lm): 1585.993 | Field Angle(10%Imax): 154.1(°) |
| Rated Power(W): | Luminary Efficiency: 100.00% | Down Lumens&Percent: 1585.9931m 100.00% |
| Rated Voltage(V): 24 | Luminary EER(lm/W): 61.784 | Up Lumens&Percent: 0.0001m 0.00% |
| Tested Power(W): 25.670 | Max.Candela(cd): 590.674 | S/MH: C0_a180=1.373 C90_270=1.319 |
| Lamps' Inside: 1 | Max Cand@Ang.(°): C=180.0 γ=18.0 | CIE Type: Semi-Direct |
| Tested Electrics(V,A,pf):23.6,1.087,0.881 | Beam Angle(50%Imax): 113.7(°) | ErP Φuse(120°): 1287.2651m |
| Lamp Size(W*L*H):0.050m*-0.050m*0.000m | Left=-56.1°,Right=57.5° | IRF(%): 104.761 |



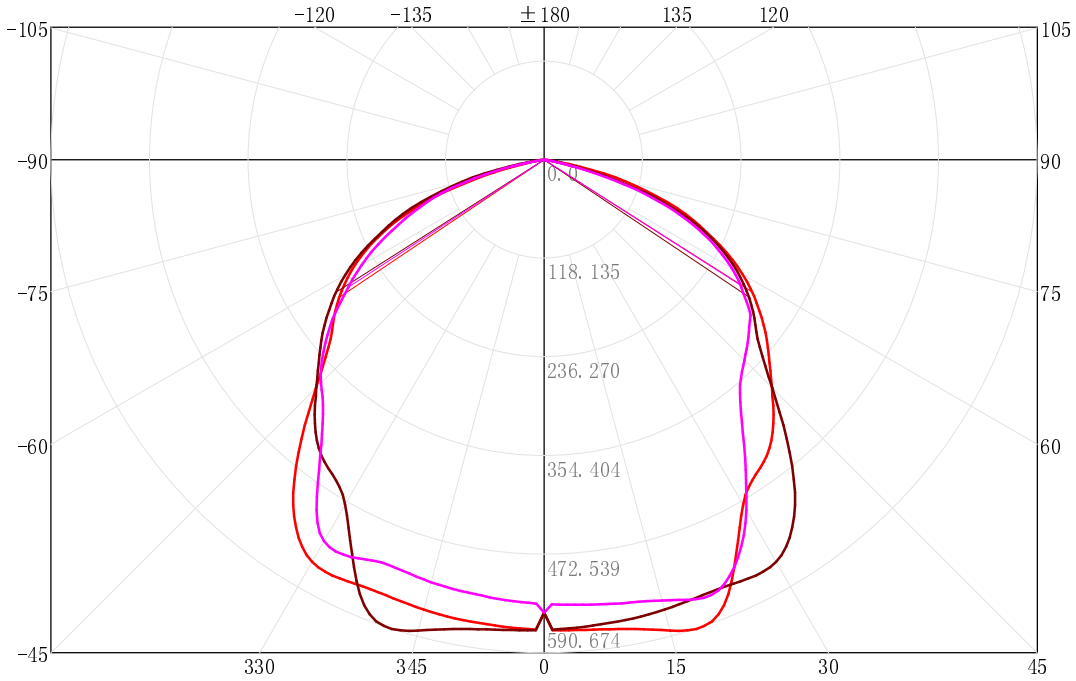



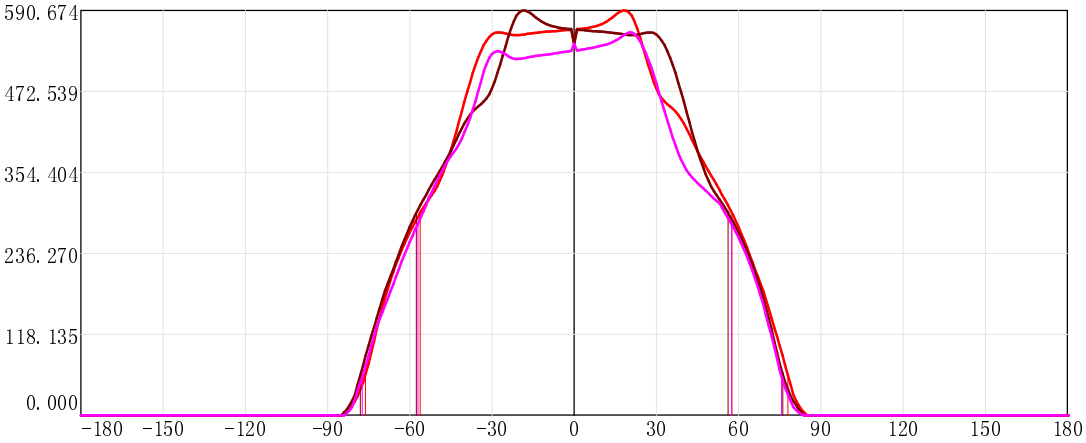
# IES Indoor Report
# Photometric Filename:SL-1201-2400-C.IES

## 2D Plane Light Intensity Distribution Curve

| | | |
|---|---|---|
| Lum.Name: 55252 | Lum.Catelog: | Test ID: |
| Lamp Name: | Lamp Catelog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2021/03/15 |

C Plane Distribution Diagram



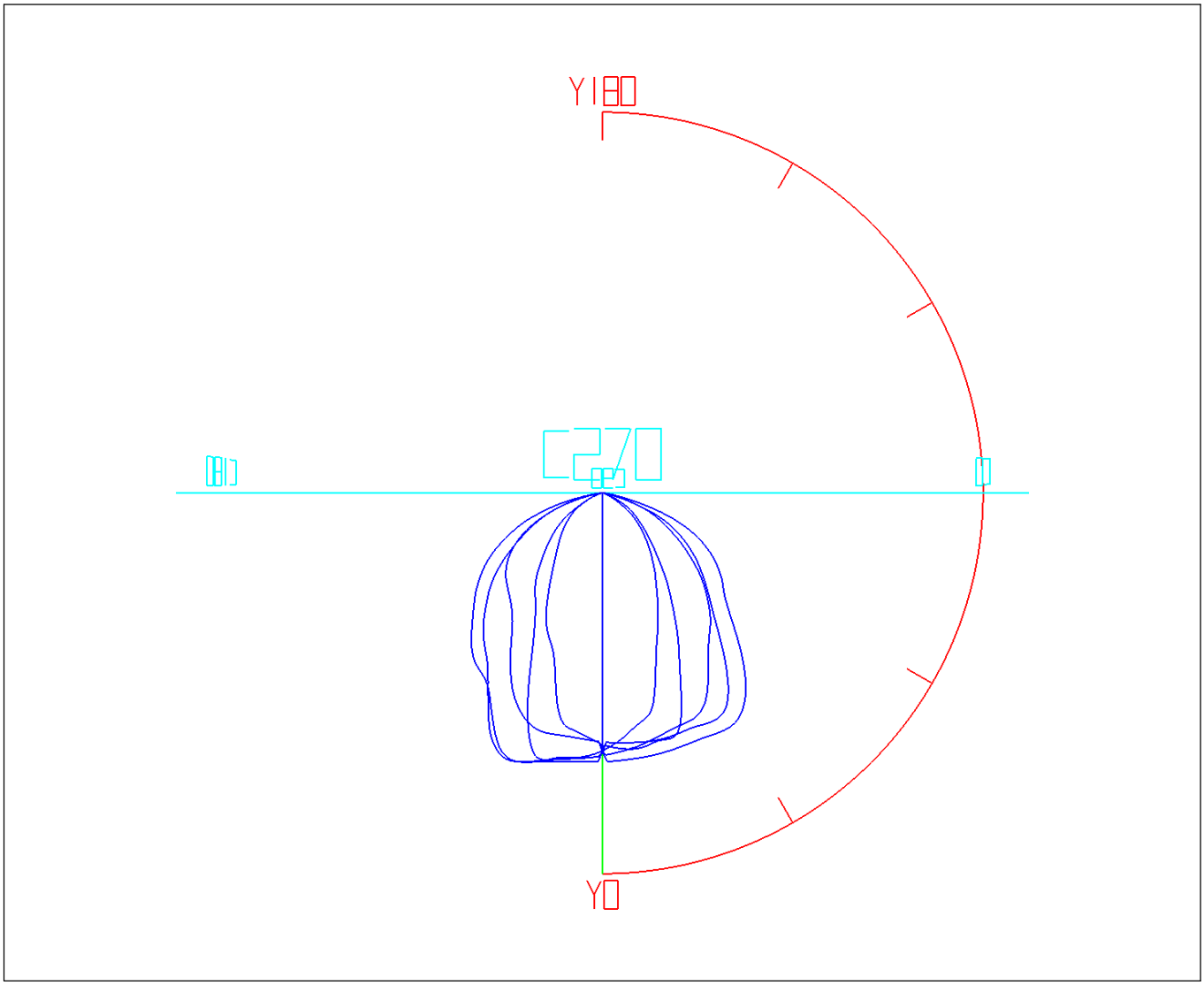

| C Plane | [50%MaxAng.] | [10%MaxAng.] | Unit:cd |
|---|---|---|---|
| C180.0_360.0: | 113.7 | 154.1 | |
| C0.0_180.0 : | 113.7 | 154.1 | |
| C90.0_270.0 : | 114.4 | 153.0 | |

# IES Indoor Report
# Photometric Filename:SL-1201-2400-C.IES

## 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: 2021/03/15 |

3D Light Intensity Distribution Modal




Curves: 3D Model Fixture Vert. HUD Hori. HUD

View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

# IES Indoor Report
# Photometric Filename:SL-1201-2400-C.IES

## 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 | 0.52 | 0.52 | 0.03 | 0.03 | 47.0-48.0 | 28.37 | 968.98 | 1.79 | 61.10 |
| 1.0-2.0 | 1.55 | 2.06 | 0.10 | 0.13 | 48.0-49.0 | 28.19 | 997.16 | 1.78 | 62.87 |
| 2.0-3.0 | 2.58 | 4.64 | 0.16 | 0.29 | 49.0-50.0 | 28.00 | 1025.16 | 1.77 | 64.64 |
| 3.0-4.0 | 3.61 | 8.25 | 0.23 | 0.52 | 50.0-51.0 | 27.80 | 1052.96 | 1.75 | 66.39 |
| 4.0-5.0 | 4.64 | 12.88 | 0.29 | 0.81 | 51.0-52.0 | 27.60 | 1080.55 | 1.74 | 68.13 |
| 5.0-6.0 | 5.66 | 18.55 | 0.36 | 1.17 | 52.0-53.0 | 27.39 | 1107.94 | 1.73 | 69.86 |
| 6.0-7.0 | 6.69 | 25.24 | 0.42 | 1.59 | 53.0-54.0 | 27.12 | 1135.07 | 1.71 | 71.57 |
| 7.0-8.0 | 7.72 | 32.96 | 0.49 | 2.08 | 54.0-55.0 | 26.79 | 1161.85 | 1.69 | 73.26 |
| 8.0-9.0 | 8.74 | 41.70 | 0.55 | 2.63 | 55.0-56.0 | 26.40 | 1188.25 | 1.66 | 74.92 |
| 9.0-10.0 | 9.77 | 51.47 | 0.62 | 3.25 | 56.0-57.0 | 25.97 | 1214.23 | 1.64 | 76.56 |
| 10.0-11.0 | 10.80 | 62.27 | 0.68 | 3.93 | 57.0-58.0 | 25.52 | 1239.75 | 1.61 | 78.17 |
| 11.0-12.0 | 11.82 | 74.09 | 0.75 | 4.67 | 58.0-59.0 | 25.02 | 1264.76 | 1.58 | 79.75 |
| 12.0-13.0 | 12.85 | 86.93 | 0.81 | 5.48 | 59.0-60.0 | 24.46 | 1289.22 | 1.54 | 81.29 |
| 13.0-14.0 | 13.87 | 100.80 | 0.87 | 6.36 | 60.0-61.0 | 23.84 | 1313.06 | 1.50 | 82.79 |
| 14.0-15.0 | 14.90 | 115.70 | 0.94 | 7.30 | 61.0-62.0 | 23.18 | 1336.24 | 1.46 | 84.25 |
| 15.0-16.0 | 15.93 | 131.63 | 1.00 | 8.30 | 62.0-63.0 | 22.48 | 1358.72 | 1.42 | 85.67 |
| 16.0-17.0 | 16.95 | 148.58 | 1.07 | 9.37 | 63.0-64.0 | 21.73 | 1380.45 | 1.37 | 87.04 |
| 17.0-18.0 | 17.97 | 166.55 | 1.13 | 10.50 | 64.0-65.0 | 20.93 | 1401.38 | 1.32 | 88.36 |
| 18.0-19.0 | 18.98 | 185.53 | 1.20 | 11.70 | 65.0-66.0 | 20.09 | 1421.47 | 1.27 | 89.63 |
| 19.0-20.0 | 19.97 | 205.49 | 1.26 | 12.96 | 66.0-67.0 | 19.21 | 1440.67 | 1.21 | 90.84 |
| 20.0-21.0 | 20.93 | 226.42 | 1.32 | 14.28 | 67.0-68.0 | 18.28 | 1458.95 | 1.15 | 91.99 |
| 21.0-22.0 | 21.86 | 248.29 | 1.38 | 15.66 | 68.0-69.0 | 17.30 | 1476.26 | 1.09 | 93.08 |
| 22.0-23.0 | 22.76 | 271.04 | 1.43 | 17.09 | 69.0-70.0 | 16.24 | 1492.50 | 1.02 | 94.11 |
| 23.0-24.0 | 23.60 | 294.64 | 1.49 | 18.58 | 70.0-71.0 | 15.07 | 1507.57 | 0.95 | 95.06 |
| 24.0-25.0 | 24.40 | 319.04 | 1.54 | 20.12 | 71.0-72.0 | 13.78 | 1521.34 | 0.87 | 95.92 |
| 25.0-26.0 | 25.14 | 344.18 | 1.59 | 21.70 | 72.0-73.0 | 12.40 | 1533.74 | 0.78 | 96.71 |
| 26.0-27.0 | 25.82 | 370.00 | 1.63 | 23.33 | 73.0-74.0 | 10.93 | 1544.67 | 0.69 | 97.39 |
| 27.0-28.0 | 26.45 | 396.45 | 1.67 | 25.00 | 74.0-75.0 | 9.40 | 1554.07 | 0.59 | 97.99 |
| 28.0-29.0 | 27.00 | 423.44 | 1.70 | 26.70 | 75.0-76.0 | 7.90 | 1561.98 | 0.50 | 98.49 |
| 29.0-30.0 | 27.48 | 450.92 | 1.73 | 28.43 | 76.0-77.0 | 6.50 | 1568.48 | 0.41 | 98.90 |
| 30.0-31.0 | 27.90 | 478.82 | 1.76 | 30.19 | 77.0-78.0 | 5.22 | 1573.70 | 0.33 | 99.23 |
| 31.0-32.0 | 28.24 | 507.06 | 1.78 | 31.97 | 78.0-79.0 | 4.06 | 1577.76 | 0.26 | 99.48 |
| 32.0-33.0 | 28.52 | 535.59 | 1.80 | 33.77 | 79.0-80.0 | 3.03 | 1580.79 | 0.19 | 99.67 |
| 33.0-34.0 | 28.74 | 564.33 | 1.81 | 35.58 | 80.0-81.0 | 2.18 | 1582.97 | 0.14 | 99.81 |
| 34.0-35.0 | 28.90 | 593.23 | 1.82 | 37.40 | 81.0-82.0 | 1.48 | 1584.45 | 0.09 | 99.90 |
| 35.0-36.0 | 29.01 | 622.23 | 1.83 | 39.23 | 82.0-83.0 | 0.90 | 1585.34 | 0.06 | 99.96 |
| 36.0-37.0 | 29.08 | 651.31 | 1.83 | 41.07 | 83.0-84.0 | 0.46 | 1585.80 | 0.03 | 99.99 |
| 37.0-38.0 | 29.11 | 680.42 | 1.84 | 42.90 | 84.0-85.0 | 0.16 | 1585.96 | 0.01 | 100.00 |
| 38.0-39.0 | 29.11 | 709.53 | 1.84 | 44.74 | 85.0-86.0 | 0.03 | 1585.99 | 0.00 | 100.00 |
| 39.0-40.0 | 29.10 | 738.63 | 1.83 | 46.57 | 86.0-87.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 40.0-41.0 | 29.07 | 767.70 | 1.83 | 48.40 | 87.0-88.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 41.0-42.0 | 29.03 | 796.72 | 1.83 | 50.23 | 88.0-89.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 42.0-43.0 | 28.97 | 825.69 | 1.83 | 52.06 | 89.0-90.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 43.0-44.0 | 28.90 | 854.59 | 1.82 | 53.88 | 90.0-91.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 44.0-45.0 | 28.80 | 883.39 | 1.82 | 55.70 | 91.0-92.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 45.0-46.0 | 28.68 | 912.07 | 1.81 | 57.51 | 92.0-93.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 46.0-47.0 | 28.54 | 940.61 | 1.80 | 59.31 | 93.0-94.0 | 0.00 | 1585.99 | 0.00 | 100.00 |

# IES Indoor Report
# Photometric Filename:SL-1201-2400-C.IES

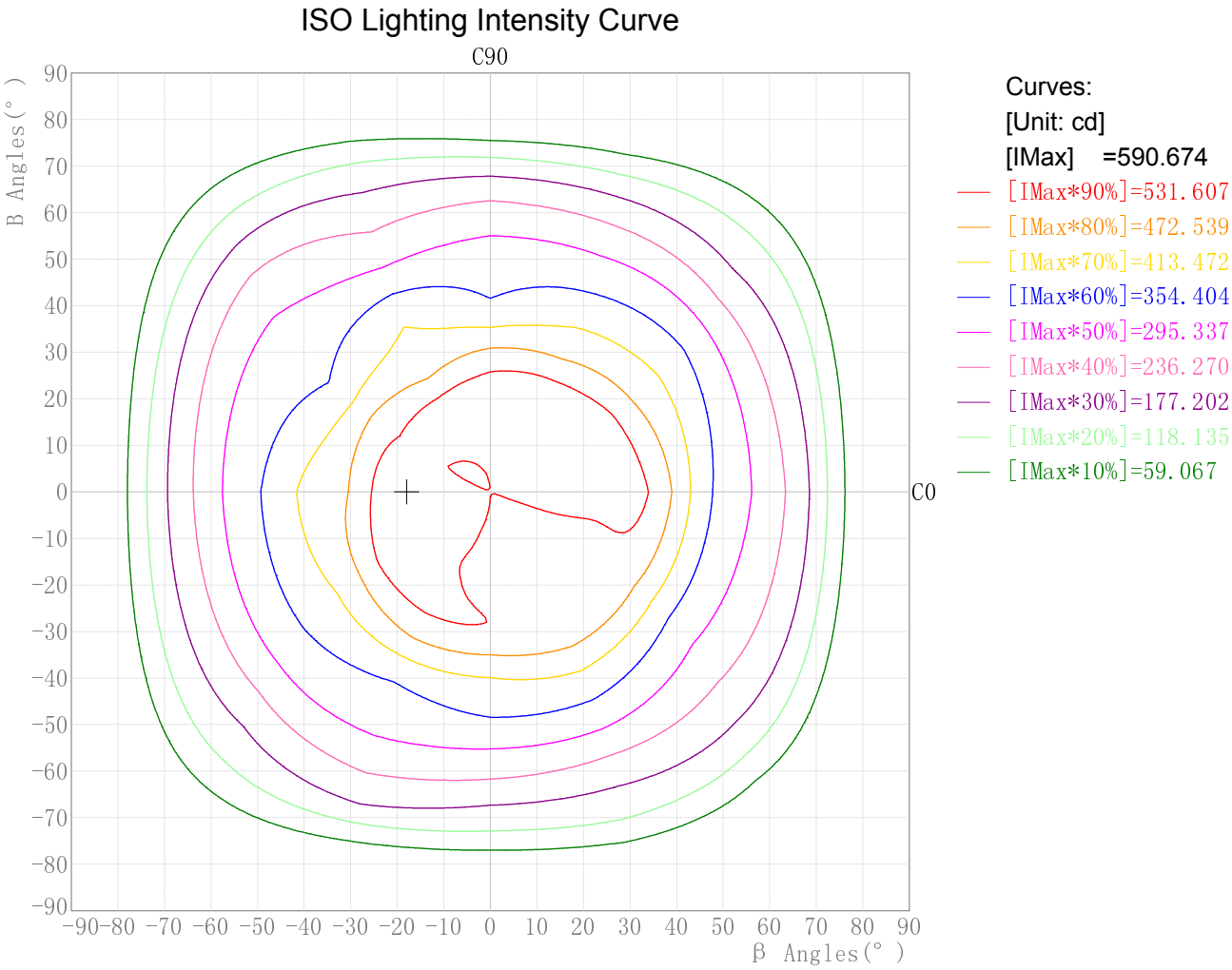
## Zonal Flux Tabulation - (Cont.)

| Zone(γ) | Zone Flux (lm) | Sums Flux (lm) | Zone%Lamp | Sums%Lamp |
|---|---|---|---|---|
| 94.0-95.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 95.0-96.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 96.0-97.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 97.0-98.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 98.0-99.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 99.0-100.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 100.0-101.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 101.0-102.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 102.0-103.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 103.0-104.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 104.0-105.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 105.0-106.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 106.0-107.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 107.0-108.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 108.0-109.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 109.0-110.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 110.0-111.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 111.0-112.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 112.0-113.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 113.0-114.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 114.0-115.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 115.0-116.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 116.0-117.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 117.0-118.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 118.0-119.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 119.0-120.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 120.0-121.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 121.0-122.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 122.0-123.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 123.0-124.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 124.0-125.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 125.0-126.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 126.0-127.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 127.0-128.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 128.0-129.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 129.0-130.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 130.0-131.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 131.0-132.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 132.0-133.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 133.0-134.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 134.0-135.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 135.0-136.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 136.0-137.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 137.0-138.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 138.0-139.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 139.0-140.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 140.0-141.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 141.0-142.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 142.0-143.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 143.0-144.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 144.0-145.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 145.0-146.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 146.0-147.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 147.0-148.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 148.0-149.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 149.0-150.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 150.0-151.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 151.0-152.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 152.0-153.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 153.0-154.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 154.0-155.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 155.0-156.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 156.0-157.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 157.0-158.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 158.0-159.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 159.0-160.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 160.0-161.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 161.0-162.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 162.0-163.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 163.0-164.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 164.0-165.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 165.0-166.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 166.0-167.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 167.0-168.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 168.0-169.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 169.0-170.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 170.0-171.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 171.0-172.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 172.0-173.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 173.0-174.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 174.0-175.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 175.0-176.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 176.0-177.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 177.0-178.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 178.0-179.0 | 0.00 | 1585.99 | 0.00 | 100.00 |
| 179.0-180.0 | 0.00 | 1585.99 | 0.00 | 100.00 |

# IES Indoor Report
# Photometric Filename:SL-1201-2400-C.IES

## Rectangle ISO Lighting Intensity Diagram

| | | |
|---|---|---|
| Lum.Name: 55252 | Lum.Catelog: | Test ID: |
| Lamp Name: | Lamp Catelog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2021/03/15 |



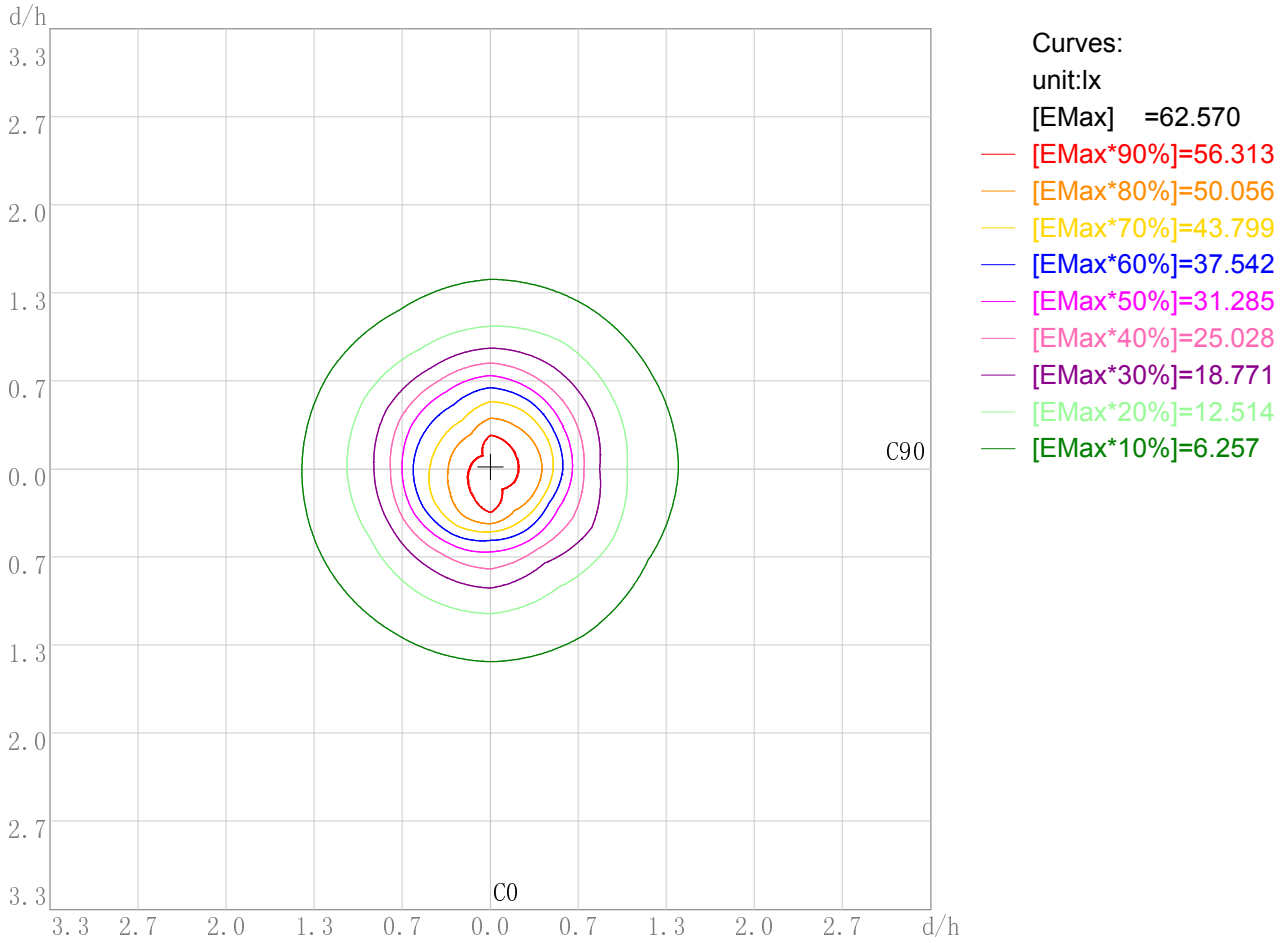

Maximum Light Intensity(cd): 590.67
Maximum Cand.@Angle: H=-18.0°,V=0.0°

# IES Indoor Report
# Photometric Filename:SL-1201-2400-C.IES

## Plane ISO-Illuminance Diagram

| | | |
|---|---|---|
| Lum.Name: 55252 | Lum.Catelog: | Test ID: |
| Lamp Name: | Lamp Catelog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2021/03/15 |

Plane ISO-Illuminance Curve



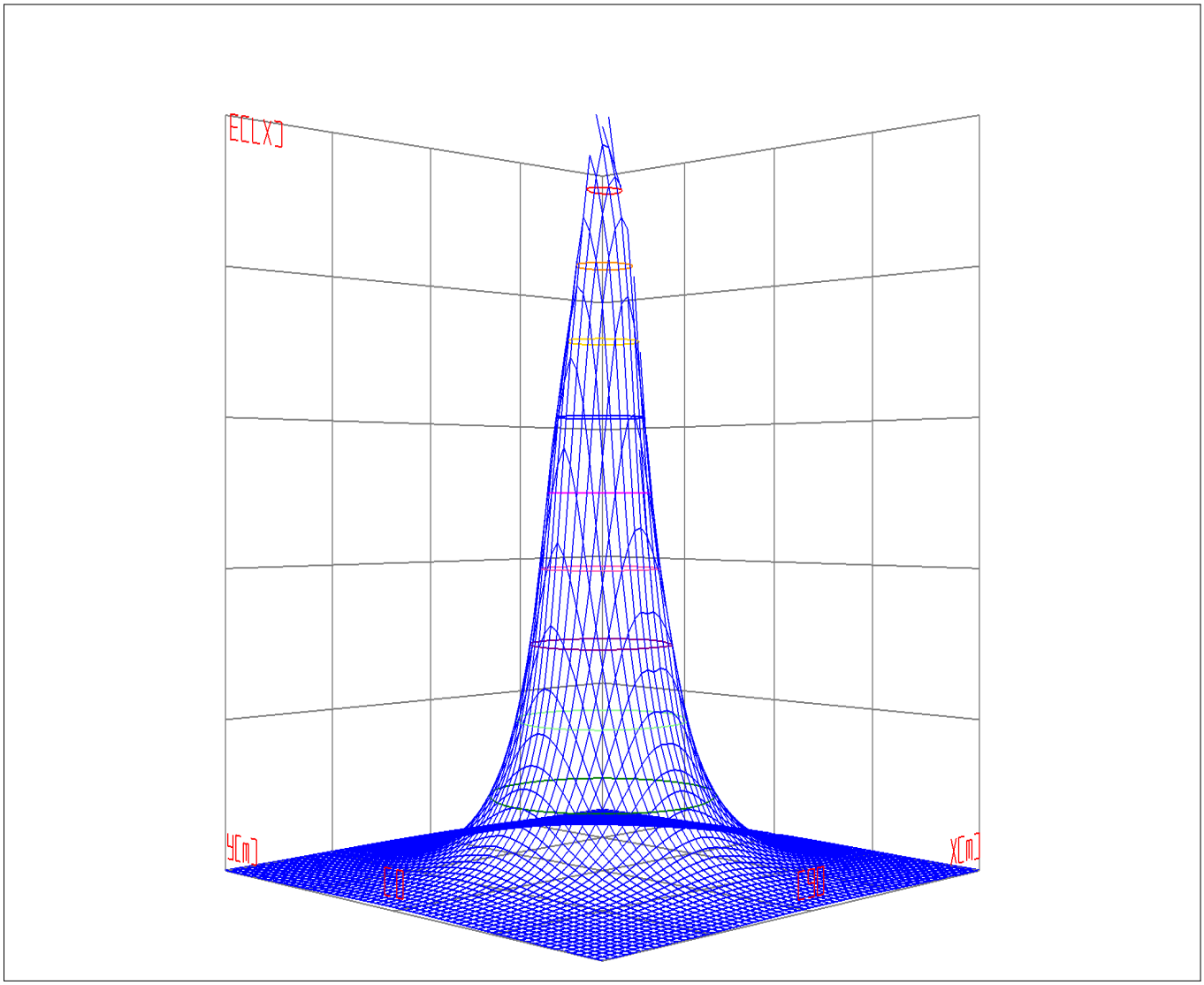

Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 62.57
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

# IES Indoor Report
# Photometric Filename:SL-1201-2400-C.IES

## 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: 2021/03/15 |

3D Plane Illuminance Modal




Curves: 3D Model 90% 80% 70% 60% 50% 40% 30% 20% 10%

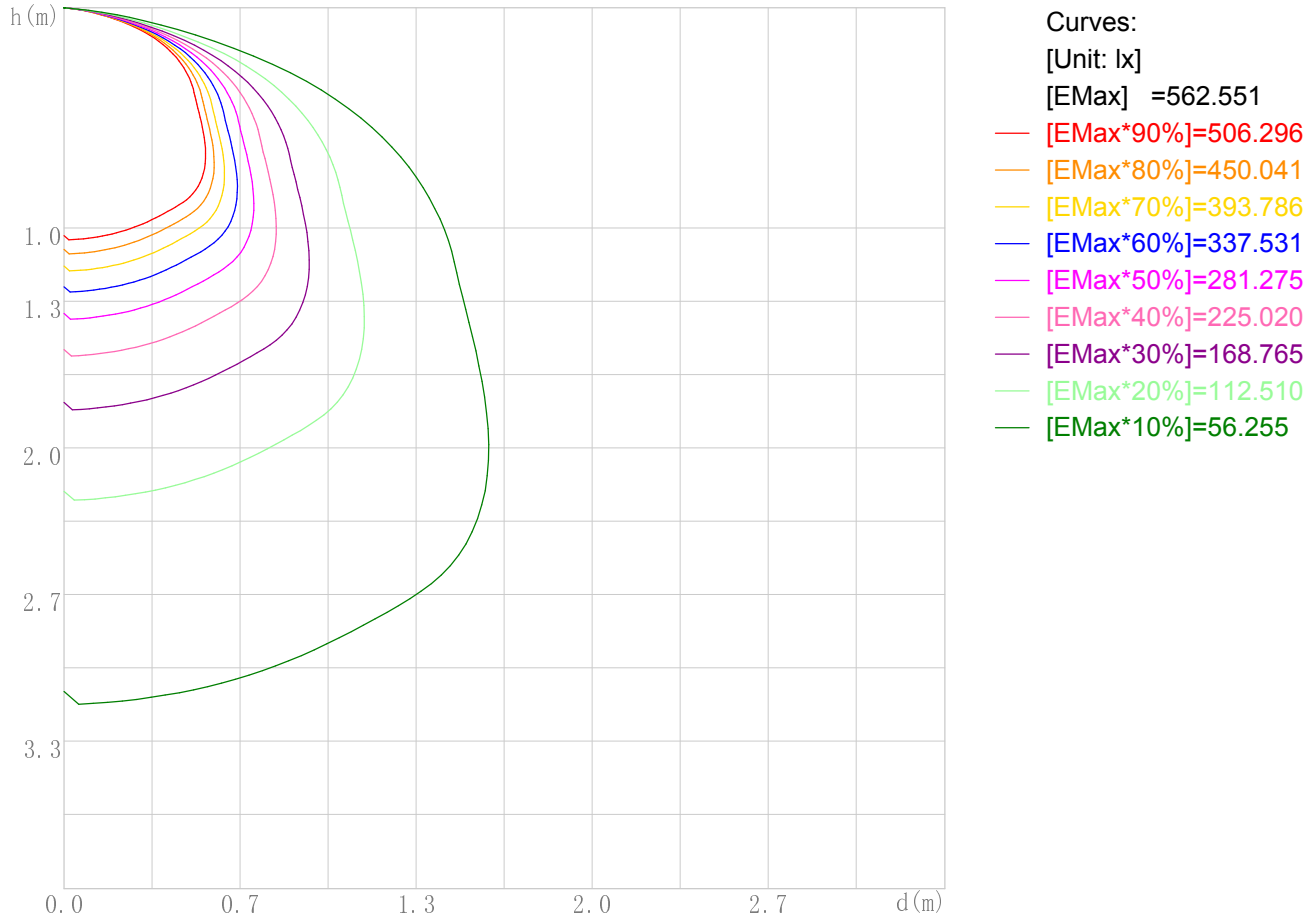
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

# IES Indoor Report
# Photometric Filename:SL-1201-2400-C.IES

## Space ISO Illuminance Diagram

| | | |
|---|---|---|
| Lum.Name: 55252 | Lum.Catelog: | Test ID: |
| Lamp Name: | Lamp Catelog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2021/03/15 |

Space ISO Illuminance Curve



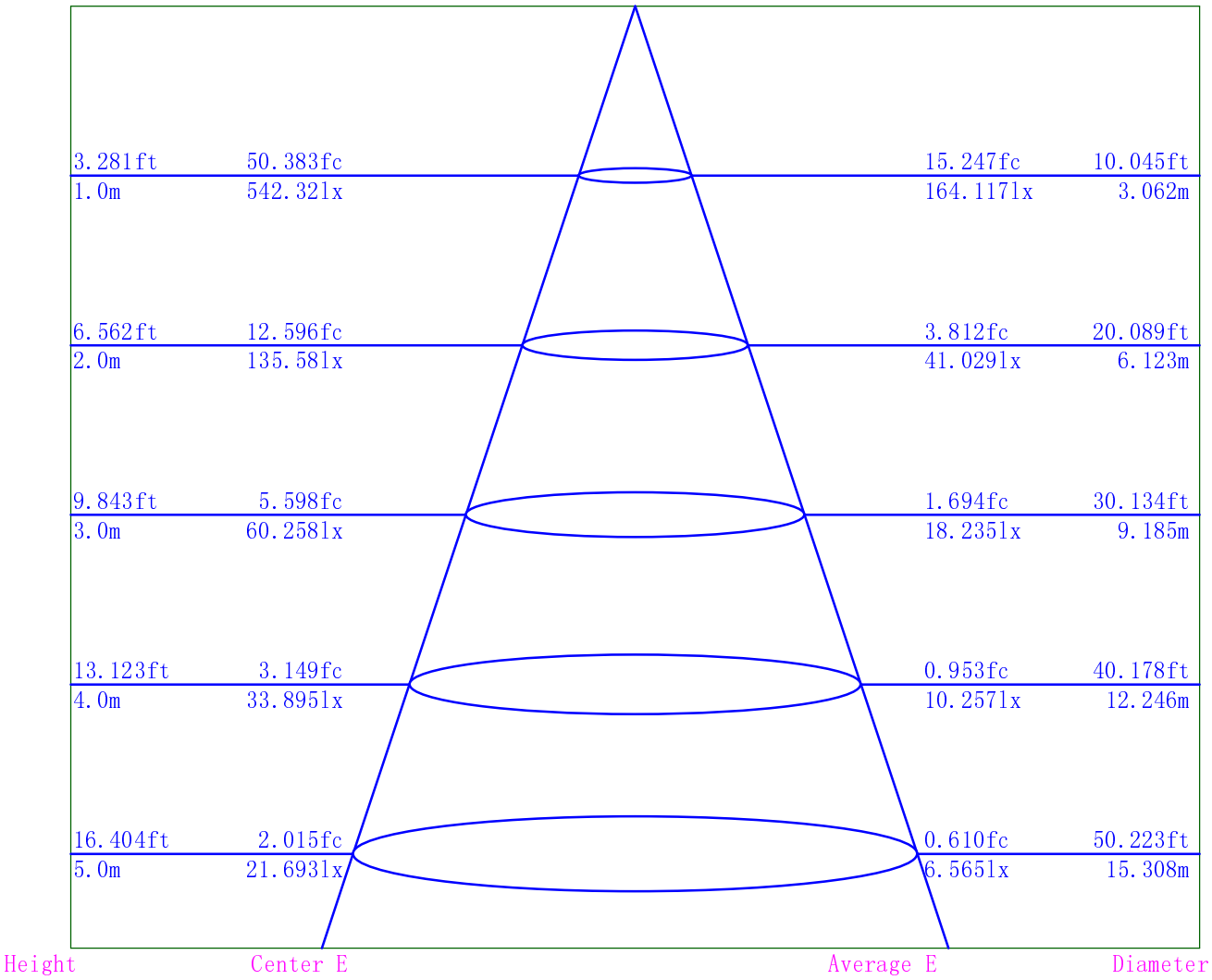

Space Plane Maximum Illuminance and @Angle:562.55lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:562.808cd,0eg

# IES Indoor Report
# Photometric Filename:SL-1201-2400-C.IES

## Illuminance-Distance Diagram

| | | |
|---|---|---|
| Lum.Name: 55252 | Lum.Catelog: | Test ID: |
| Lamp Name: | Lamp Catelog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2021/03/15 |

Illuminance-Distance Curve




Beam Angle:113.7

# IES Indoor Report
# Photometric Filename:SL-1201-2400-C.IES

## Indoor Luminance Limiting Curves

| | | |
|---|---|---|
| Lum.Name: 55252 | Lum.Catelog: | Test ID: |
| Lamp Name: | Lamp Catelog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2021/03/15 |

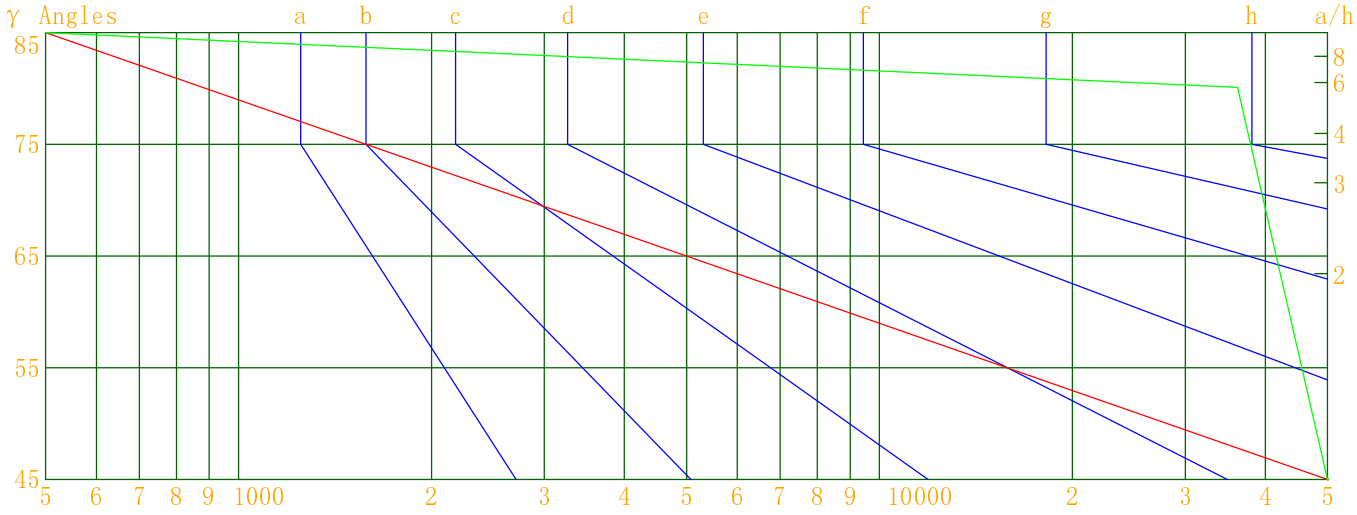
Glare Grade Table

| GI | Quality | Using Illuminace | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 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 | 278305 | 264478 | 268978 | 271644 | 265208 | 233534 | 148903 | 60421 | 0 |
| C90 | 244251 | 253572 | 262398 | 264317 | 254537 | 218119 | 130146 | 36201 | 0 |

Luminance Limiting Curve

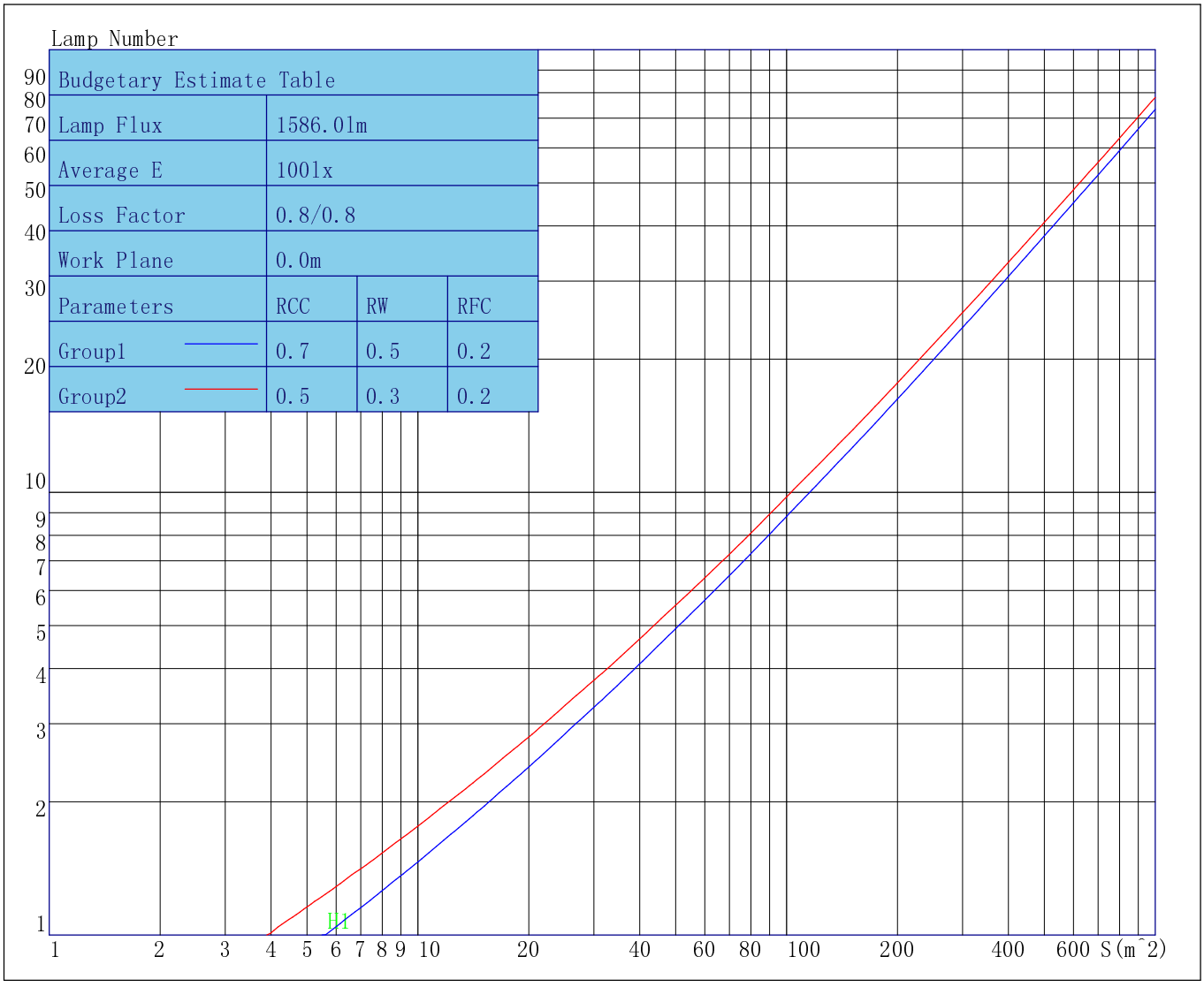



Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: C90-C270 Color:

# IES Indoor Report
# Photometric Filename:SL-1201-2400-C.IES

## Indoor Budgetary Estimate Table

| | | |
|---|---|---|
| Lum.Name: 55252 | Lum.Catelog: | Test ID: |
| Lamp Name: | Lamp Catelog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2021/03/15 |




Parameters1: Rhocc = 0.7 Rhow = 0.5 Rhofc = 0.2 LLF = 0.8
Parameters2: Rhocc = 0.5 Rhow = 0.3 Rhofc = 0.2 LLF = 0.8
Average Illuminance(lx): 100 Cavity Height: H1(m) = 2

# IES Indoor Report
# Photometric Filename:SL-1201-2400-C.IES

## 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: 2021/03/15 |

| 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 | 110 | 105 | 101 | 97 | 107 | 103 | 99 | 96 | 99 | 96 | 93 | 95 | 92 | 90 | 91 | 89 | 87 | 85 |
| 2 | 100 | 92 | 85 | 80 | 97 | 90 | 84 | 79 | 86 | 81 | 77 | 83 | 79 | 75 | 80 | 77 | 74 | 71 |
| 3 | 91 | 81 | 73 | 66 | 89 | 79 | 72 | 66 | 76 | 70 | 65 | 73 | 68 | 63 | 71 | 66 | 62 | 60 |
| 4 | 83 | 71 | 63 | 56 | 81 | 70 | 62 | 56 | 68 | 61 | 55 | 65 | 59 | 54 | 63 | 58 | 54 | 51 |
| 5 | 77 | 64 | 55 | 48 | 74 | 63 | 54 | 48 | 61 | 53 | 48 | 59 | 52 | 47 | 57 | 51 | 47 | 44 |
| 6 | 71 | 57 | 49 | 42 | 69 | 57 | 48 | 42 | 55 | 47 | 42 | 53 | 46 | 41 | 51 | 46 | 41 | 39 |
| 7 | 66 | 52 | 43 | 37 | 64 | 51 | 43 | 37 | 50 | 42 | 37 | 48 | 42 | 37 | 47 | 41 | 36 | 34 |
| 8 | 61 | 47 | 39 | 33 | 59 | 47 | 39 | 33 | 45 | 38 | 33 | 44 | 38 | 33 | 43 | 37 | 32 | 31 |
| 9 | 57 | 44 | 35 | 30 | 56 | 43 | 35 | 30 | 42 | 35 | 30 | 41 | 34 | 29 | 40 | 34 | 29 | 27 |
| 10 | 53 | 40 | 32 | 27 | 52 | 40 | 32 | 27 | 39 | 32 | 27 | 38 | 31 | 27 | 37 | 31 | 27 | 25 |

# IES Indoor Report
# Photometric Filename:SL-1201-2400-C.IES

## Unified Glare Rating Table

| | | |
|---|---|---|
| Lum.Name: 55252 | Lum.Catelog: | Test ID: |
| Lamp Name: | Lamp Catelog: | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2021/03/15 |

### 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 | 32.0 | 33.6 | 32.3 | 33.9 | 34.2 | 31.8 | 33.4 | 32.1 | 33.7 | 34.0 |
| | Y=3H | 33.5 | 35.0 | 33.9 | 35.3 | 35.7 | 33.3 | 34.8 | 33.7 | 35.1 | 35.5 |
| | Y=4H | 33.9 | 35.2 | 34.3 | 35.6 | 36.0 | 33.7 | 35.0 | 34.1 | 35.4 | 35.8 |
| | Y=6H | 33.9 | 35.2 | 34.4 | 35.6 | 36.0 | 33.7 | 35.0 | 34.1 | 35.3 | 35.7 |
| | Y=8H | 33.9 | 35.1 | 34.3 | 35.5 | 35.9 | 33.7 | 34.9 | 34.1 | 35.3 | 35.7 |
| | Y=12H | 33.9 | 35.0 | 34.3 | 35.4 | 35.8 | 33.7 | 34.8 | 34.1 | 35.2 | 35.6 |
| X=4H | Y=2H | 32.6 | 34.0 | 33.0 | 34.3 | 34.7 | 32.5 | 33.9 | 32.9 | 34.3 | 34.6 |
| | Y=3H | 34.3 | 35.4 | 34.7 | 35.8 | 36.2 | 34.2 | 35.4 | 34.6 | 35.8 | 36.2 |
| | Y=4H | 34.7 | 35.7 | 35.1 | 36.1 | 36.5 | 34.6 | 35.6 | 35.1 | 36.1 | 36.5 |
| | Y=6H | 34.8 | 35.6 | 35.2 | 36.1 | 36.5 | 34.7 | 35.6 | 35.2 | 36.0 | 36.5 |
| | Y=8H | 34.7 | 35.6 | 35.2 | 36.0 | 36.5 | 34.7 | 35.5 | 35.1 | 35.9 | 36.4 |
| | Y=12H | 34.7 | 35.4 | 35.2 | 35.9 | 36.4 | 34.6 | 35.4 | 35.1 | 35.8 | 36.3 |
| X=8H | Y=4H | 34.8 | 35.6 | 35.3 | 36.1 | 36.5 | 34.8 | 35.6 | 35.3 | 36.1 | 36.5 |
| | Y=6H | 34.9 | 35.6 | 35.4 | 36.0 | 36.6 | 34.9 | 35.6 | 35.4 | 36.1 | 36.6 |
| | Y=8H | 34.9 | 35.4 | 35.4 | 36.0 | 36.4 | 34.9 | 35.5 | 35.4 | 36.0 | 36.5 |
| | Y=12H | 34.8 | 35.4 | 35.3 | 35.8 | 36.4 | 34.8 | 35.4 | 35.4 | 35.9 | 36.4 |
| X=12H | Y=4H | 34.8 | 35.5 | 35.3 | 36.0 | 36.5 | 34.8 | 35.5 | 35.3 | 36.0 | 36.5 |
| | Y=6H | 34.9 | 35.5 | 35.4 | 35.9 | 36.5 | 34.9 | 35.5 | 35.4 | 35.9 | 36.5 |
| | Y=8H | 34.8 | 35.4 | 35.4 | 35.9 | 36.4 | 34.9 | 35.4 | 35.4 | 35.9 | 36.4 |
| Variations with the objerver position at spacings | | | | | | | | | | | |
| S=1.0H | | 1.4/-1.8 | | | | | 1.5/-2.0 | | | | |
| S=1.5H | | 2.4/-3.4 | | | | | 2.4/-3.5 | | | | |
| S=2.0H | | 2.3/-4.3 | | | | | 2.3/-4.3 | | | | |
| Reduced UGR Table: | | | | | | | | | | | |
| Nordic Standard Table: | | BK0 | | | | | BK0 | | | | |
| Correction Value | | 1.7 | | | | | 1.8 | | | | |

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

# IES Indoor Report
# Photometric Filename:SL-1201-2400-C.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 | 542.32 | 542.32 | 542.32 | 542.32 | 542.32 | 542.32 | 542.32 | 542.32 | 542.32 | 542.32 | 542.32 | 542.32 |
| γ 1.0 | 562.81 | 550.33 | 540.10 | 532.39 | 526.79 | 521.90 | 563.39 | 550.37 | 539.60 | 531.61 | 525.62 | 520.97 |
| γ 2.0 | 562.40 | 550.41 | 540.37 | 532.99 | 527.29 | 522.44 | 563.82 | 550.34 | 539.46 | 530.92 | 525.11 | 520.34 |
| γ 3.0 | 562.05 | 550.40 | 540.59 | 533.48 | 527.84 | 523.03 | 564.23 | 550.22 | 539.15 | 530.42 | 524.50 | 519.71 |
| γ 4.0 | 561.60 | 550.39 | 540.97 | 534.11 | 528.49 | 523.47 | 564.59 | 550.21 | 538.76 | 530.02 | 523.72 | 519.07 |
| γ 5.0 | 561.24 | 550.32 | 541.24 | 534.92 | 529.34 | 524.19 | 565.06 | 550.11 | 538.50 | 529.34 | 523.12 | 518.38 |
| γ 6.0 | 560.74 | 550.41 | 541.77 | 535.60 | 530.46 | 524.96 | 565.77 | 549.89 | 537.93 | 528.72 | 522.34 | 517.73 |
| γ 7.0 | 560.37 | 550.50 | 542.12 | 536.48 | 531.43 | 526.05 | 566.72 | 549.93 | 537.61 | 528.15 | 521.93 | 517.35 |
| γ 8.0 | 560.24 | 550.57 | 542.33 | 537.37 | 532.65 | 527.29 | 567.81 | 550.17 | 537.37 | 527.35 | 521.55 | 517.14 |
| γ 9.0 | 559.97 | 550.73 | 542.79 | 538.32 | 534.03 | 528.55 | 569.02 | 550.44 | 537.09 | 526.69 | 521.06 | 516.83 |
| γ 10.0 | 559.81 | 550.41 | 542.95 | 539.33 | 535.59 | 530.28 | 570.61 | 550.94 | 536.72 | 526.25 | 520.35 | 516.57 |
| γ 11.0 | 559.50 | 550.03 | 542.91 | 540.22 | 537.36 | 532.20 | 572.56 | 551.52 | 536.29 | 525.91 | 519.96 | 516.44 |
| γ 12.0 | 559.02 | 549.73 | 543.19 | 541.20 | 539.37 | 534.16 | 574.89 | 552.45 | 536.01 | 525.36 | 519.51 | 516.05 |
| γ 13.0 | 558.64 | 549.40 | 543.28 | 542.61 | 541.90 | 536.57 | 577.38 | 553.75 | 535.71 | 524.78 | 519.16 | 515.63 |
| γ 14.0 | 558.10 | 549.02 | 543.68 | 544.35 | 544.34 | 538.89 | 580.32 | 555.03 | 535.04 | 524.27 | 518.71 | 515.09 |
| γ 15.0 | 557.67 | 548.66 | 544.60 | 546.27 | 547.14 | 541.18 | 583.77 | 556.81 | 534.61 | 523.67 | 518.09 | 514.45 |
| γ 16.0 | 557.02 | 548.56 | 545.50 | 548.61 | 549.91 | 542.93 | 586.84 | 558.76 | 534.51 | 522.92 | 517.38 | 513.84 |
| γ 17.0 | 556.43 | 548.36 | 546.70 | 551.22 | 552.35 | 543.98 | 589.23 | 560.69 | 534.64 | 522.08 | 516.75 | 513.04 |
| γ 18.0 | 555.77 | 548.51 | 548.25 | 554.14 | 553.70 | 544.14 | 590.67 | 562.50 | 535.40 | 521.10 | 515.98 | 512.11 |
| γ 19.0 | 555.37 | 548.95 | 550.09 | 556.77 | 553.73 | 543.28 | 590.38 | 564.38 | 536.64 | 520.52 | 514.82 | 510.97 |
| γ 20.0 | 554.95 | 549.83 | 552.42 | 558.24 | 551.55 | 541.65 | 588.04 | 565.93 | 538.36 | 520.03 | 513.67 | 509.87 |
| γ 21.0 | 554.61 | 550.97 | 554.57 | 558.26 | 547.02 | 538.85 | 582.99 | 567.20 | 540.34 | 519.81 | 512.43 | 508.73 |
| γ 22.0 | 554.68 | 552.31 | 556.12 | 556.42 | 540.12 | 535.29 | 575.35 | 567.47 | 542.55 | 520.23 | 511.53 | 507.65 |
| γ 23.0 | 555.11 | 553.80 | 556.60 | 552.10 | 531.31 | 530.45 | 564.57 | 566.11 | 544.16 | 521.70 | 511.10 | 506.90 |
| γ 24.0 | 555.95 | 555.23 | 555.13 | 545.95 | 520.30 | 524.95 | 552.14 | 562.82 | 545.34 | 524.07 | 510.88 | 506.53 |
| γ 25.0 | 557.02 | 556.19 | 551.01 | 538.35 | 507.48 | 518.77 | 538.56 | 557.94 | 545.86 | 526.66 | 511.25 | 506.70 |
| γ 26.0 | 557.90 | 555.96 | 544.15 | 529.54 | 493.93 | 511.72 | 524.93 | 551.50 | 545.38 | 529.06 | 512.17 | 507.38 |
| γ 27.0 | 558.63 | 554.07 | 534.49 | 519.84 | 480.33 | 503.63 | 511.74 | 543.90 | 543.60 | 530.57 | 513.50 | 508.26 |
| γ 28.0 | 558.66 | 550.54 | 523.18 | 509.31 | 467.83 | 494.16 | 499.15 | 534.52 | 539.54 | 531.15 | 514.90 | 508.99 |
| γ 29.0 | 557.86 | 545.44 | 510.96 | 497.57 | 456.64 | 483.40 | 487.07 | 523.22 | 533.67 | 530.16 | 516.09 | 509.26 |
| γ 30.0 | 555.74 | 538.02 | 498.36 | 484.50 | 447.43 | 472.25 | 476.67 | 510.38 | 526.30 | 527.19 | 516.52 | 508.96 |
| γ 31.0 | 552.06 | 528.58 | 485.92 | 470.71 | 439.94 | 460.81 | 468.35 | 496.94 | 518.13 | 521.57 | 516.11 | 507.67 |
| γ 32.0 | 546.54 | 517.73 | 473.84 | 456.77 | 434.40 | 448.50 | 462.23 | 483.88 | 508.49 | 512.36 | 513.70 | 505.19 |
| γ 33.0 | 539.57 | 505.70 | 462.49 | 443.29 | 430.47 | 436.07 | 457.73 | 471.14 | 497.55 | 500.36 | 509.43 | 501.15 |
| γ 34.0 | 531.32 | 492.93 | 452.14 | 430.33 | 427.74 | 423.39 | 454.05 | 458.94 | 485.74 | 486.70 | 503.02 | 495.10 |
| γ 35.0 | 521.78 | 480.45 | 443.12 | 417.46 | 425.37 | 410.71 | 450.82 | 447.35 | 473.59 | 472.59 | 494.45 | 486.83 |
| γ 36.0 | 511.15 | 468.67 | 435.62 | 405.23 | 423.56 | 398.62 | 447.23 | 436.76 | 460.87 | 458.76 | 484.47 | 476.94 |
| γ 37.0 | 499.03 | 457.95 | 428.63 | 393.69 | 421.32 | 387.30 | 443.31 | 427.20 | 447.91 | 445.60 | 473.24 | 465.59 |
| γ 38.0 | 485.84 | 448.34 | 421.92 | 383.03 | 418.63 | 377.16 | 438.32 | 419.02 | 434.03 | 433.56 | 461.48 | 452.80 |
| γ 39.0 | 471.92 | 439.80 | 415.22 | 373.24 | 415.16 | 368.29 | 432.35 | 411.90 | 420.23 | 422.57 | 449.55 | 439.89 |
| γ 40.0 | 457.50 | 432.35 | 408.32 | 364.93 | 410.98 | 361.08 | 425.78 | 405.98 | 406.70 | 412.56 | 438.24 | 426.69 |
| γ 41.0 | 442.90 | 425.32 | 401.14 | 357.77 | 405.76 | 354.78 | 418.52 | 400.41 | 394.01 | 403.46 | 427.27 | 413.40 |
| γ 42.0 | 428.30 | 419.05 | 393.73 | 352.18 | 399.32 | 349.26 | 410.48 | 394.80 | 382.37 | 395.65 | 417.33 | 399.82 |
| γ 43.0 | 413.82 | 412.77 | 386.16 | 347.36 | 391.47 | 344.35 | 402.19 | 389.12 | 371.89 | 389.08 | 408.05 | 386.47 |
| γ 44.0 | 399.60 | 405.89 | 377.89 | 343.10 | 381.94 | 340.24 | 393.69 | 383.15 | 362.53 | 383.49 | 399.26 | 373.49 |
| γ 45.0 | 386.40 | 398.47 | 369.74 | 339.12 | 371.27 | 336.69 | 385.73 | 376.90 | 353.93 | 377.99 | 390.53 | 361.63 |
| γ 46.0 | 373.67 | 390.18 | 361.86 | 335.27 | 360.29 | 333.33 | 377.94 | 370.23 | 345.97 | 371.96 | 381.42 | 350.30 |

# IES Indoor Report
# Photometric Filename:SL-1201-2400-C.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 | 362.15 | 381.16 | 353.51 | 331.50 | 348.98 | 330.23 | 370.44 | 363.37 | 338.80 | 365.25 | 371.95 | 340.05 |
| γ 48.0 | 351.82 | 371.90 | 345.22 | 327.82 | 338.22 | 327.24 | 363.34 | 355.87 | 332.14 | 357.72 | 361.97 | 330.73 |
| γ 49.0 | 342.25 | 362.77 | 337.07 | 324.04 | 327.48 | 324.58 | 356.38 | 348.17 | 326.24 | 350.13 | 351.72 | 322.20 |
| γ 50.0 | 333.80 | 353.35 | 329.17 | 320.04 | 317.06 | 321.99 | 349.76 | 340.43 | 321.49 | 342.08 | 341.47 | 313.89 |
| γ 51.0 | 327.00 | 343.81 | 321.76 | 316.19 | 307.02 | 319.18 | 343.33 | 332.91 | 317.48 | 333.71 | 331.52 | 305.69 |
| γ 52.0 | 321.02 | 334.04 | 314.94 | 312.83 | 297.21 | 316.60 | 336.57 | 326.11 | 313.78 | 325.20 | 321.82 | 297.89 |
| γ 53.0 | 315.32 | 323.79 | 308.63 | 309.40 | 287.34 | 313.30 | 329.29 | 319.23 | 310.22 | 317.65 | 312.64 | 290.41 |
| γ 54.0 | 309.47 | 313.04 | 300.35 | 303.22 | 277.86 | 309.70 | 321.95 | 311.72 | 306.51 | 307.43 | 303.44 | 283.06 |
| γ 55.0 | 302.93 | 301.44 | 291.33 | 295.52 | 269.38 | 305.27 | 314.58 | 303.58 | 302.40 | 297.55 | 293.88 | 275.52 |
| γ 56.0 | 296.35 | 289.06 | 282.58 | 288.73 | 261.33 | 300.44 | 307.14 | 294.78 | 297.42 | 288.08 | 283.31 | 268.13 |
| γ 57.0 | 289.14 | 276.95 | 274.27 | 281.94 | 253.65 | 295.11 | 299.71 | 285.49 | 291.50 | 279.19 | 271.76 | 261.11 |
| γ 58.0 | 281.90 | 265.01 | 266.05 | 275.22 | 246.74 | 289.47 | 291.75 | 275.70 | 285.20 | 270.75 | 260.52 | 253.81 |
| γ 59.0 | 274.35 | 253.69 | 257.24 | 267.48 | 239.86 | 283.18 | 283.55 | 265.76 | 277.23 | 261.68 | 249.42 | 245.90 |
| γ 60.0 | 266.69 | 242.16 | 247.52 | 259.49 | 233.14 | 276.02 | 274.44 | 255.39 | 268.47 | 252.40 | 239.00 | 237.66 |
| γ 61.0 | 258.50 | 230.83 | 237.06 | 250.79 | 226.05 | 268.30 | 265.14 | 244.51 | 259.67 | 243.22 | 229.05 | 229.35 |
| γ 62.0 | 249.45 | 219.38 | 226.68 | 241.47 | 219.03 | 260.21 | 255.58 | 233.87 | 251.57 | 233.54 | 219.37 | 221.06 |
| γ 63.0 | 240.02 | 207.54 | 216.03 | 232.04 | 211.95 | 251.41 | 245.10 | 222.79 | 243.18 | 223.35 | 209.77 | 212.46 |
| γ 64.0 | 230.34 | 195.37 | 205.46 | 222.00 | 204.87 | 242.20 | 234.35 | 212.00 | 234.38 | 212.40 | 200.17 | 203.88 |
| γ 65.0 | 220.07 | 184.01 | 194.79 | 211.22 | 196.95 | 232.33 | 223.59 | 201.48 | 225.49 | 201.49 | 190.69 | 194.95 |
| γ 66.0 | 209.13 | 173.63 | 183.77 | 199.63 | 188.94 | 221.52 | 212.93 | 191.35 | 216.23 | 190.84 | 181.26 | 185.30 |
| γ 67.0 | 197.18 | 163.60 | 171.96 | 187.59 | 180.43 | 209.68 | 202.57 | 181.57 | 207.04 | 180.59 | 171.95 | 175.19 |
| γ 68.0 | 184.47 | 153.81 | 160.24 | 174.93 | 171.39 | 197.26 | 192.24 | 172.22 | 197.43 | 170.36 | 162.71 | 164.15 |
| γ 69.0 | 170.93 | 143.37 | 148.06 | 161.85 | 162.23 | 184.66 | 181.51 | 162.75 | 187.05 | 160.06 | 153.99 | 152.61 |
| γ 70.0 | 156.83 | 132.71 | 132.66 | 146.48 | 153.05 | 171.33 | 169.29 | 152.93 | 175.67 | 150.18 | 144.63 | 140.55 |
| γ 71.0 | 141.69 | 121.58 | 115.08 | 130.92 | 143.00 | 156.87 | 155.48 | 142.34 | 162.39 | 140.27 | 135.54 | 126.34 |
| γ 72.0 | 125.66 | 109.57 | 98.13 | 115.94 | 132.60 | 141.29 | 141.29 | 131.92 | 147.30 | 129.68 | 126.24 | 108.34 |
| γ 73.0 | 108.28 | 96.93 | 82.94 | 100.36 | 120.06 | 126.63 | 128.25 | 120.69 | 129.39 | 115.93 | 115.93 | 91.47 |
| γ 74.0 | 91.37 | 82.32 | 68.48 | 82.95 | 104.40 | 113.64 | 115.26 | 107.75 | 109.61 | 100.82 | 105.36 | 75.99 |
| γ 75.0 | 75.67 | 64.89 | 56.09 | 66.14 | 88.31 | 100.02 | 101.91 | 93.30 | 91.44 | 86.48 | 91.98 | 61.44 |
| γ 76.0 | 61.25 | 52.23 | 45.54 | 51.87 | 75.02 | 85.78 | 87.90 | 77.88 | 75.35 | 72.71 | 74.37 | 48.52 |
| γ 77.0 | 48.71 | 42.68 | 35.13 | 40.26 | 62.60 | 71.15 | 73.41 | 64.06 | 60.00 | 59.16 | 60.64 | 36.98 |
| γ 78.0 | 37.97 | 35.24 | 24.48 | 30.61 | 50.87 | 57.41 | 58.49 | 52.78 | 48.09 | 47.40 | 48.97 | 23.81 |
| γ 79.0 | 27.43 | 28.44 | 16.69 | 20.68 | 40.32 | 45.13 | 43.88 | 42.03 | 38.55 | 35.30 | 37.62 | 15.11 |
| γ 80.0 | 20.60 | 22.42 | 11.47 | 12.34 | 31.63 | 32.98 | 29.75 | 33.90 | 27.94 | 21.77 | 28.62 | 9.14 |
| γ 81.0 | 14.97 | 16.54 | 7.46 | 7.65 | 24.58 | 23.42 | 20.92 | 27.03 | 20.11 | 12.34 | 21.60 | 4.76 |
| γ 82.0 | 8.43 | 9.17 | 3.02 | 4.32 | 16.09 | 15.63 | 14.38 | 19.48 | 13.91 | 6.95 | 13.20 | 1.47 |
| γ 83.0 | 4.06 | 5.67 | 0.00 | 1.63 | 9.90 | 9.70 | 8.11 | 12.49 | 9.82 | 2.75 | 7.45 | 0.00 |
| γ 84.0 | 0.00 | 0.13 | 0.00 | 0.00 | 5.16 | 5.30 | 4.35 | 7.32 | 4.61 | 0.10 | 2.22 | 0.00 |
| γ 85.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 2.13 | 0.00 | 3.15 | 1.08 | 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 |