

IES Indoor Report

Photometric Filename:AD11180-6W-1201E1-3090-ZHT25-15D-YGE-150mA.IES

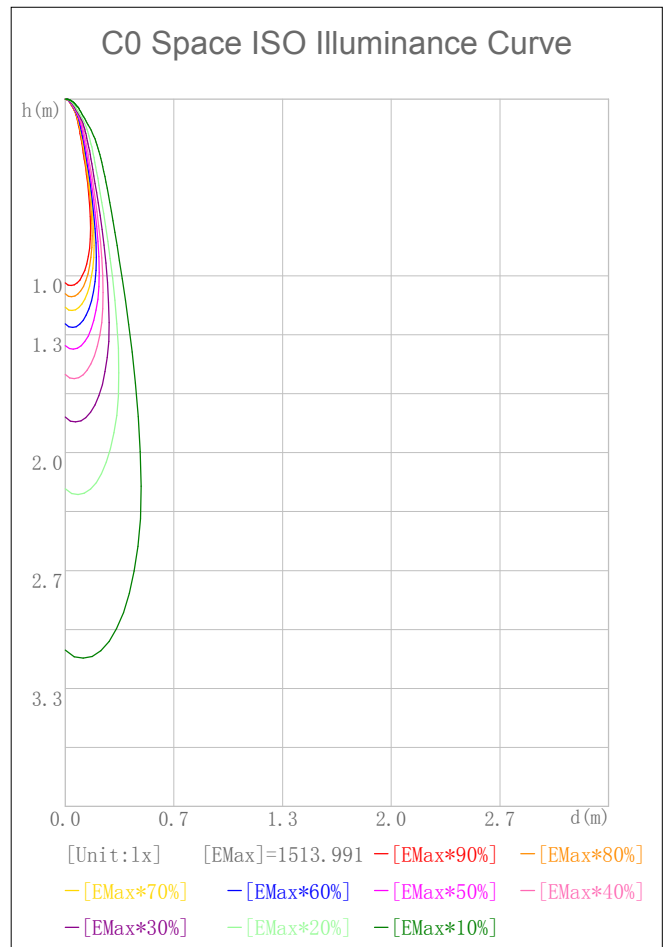
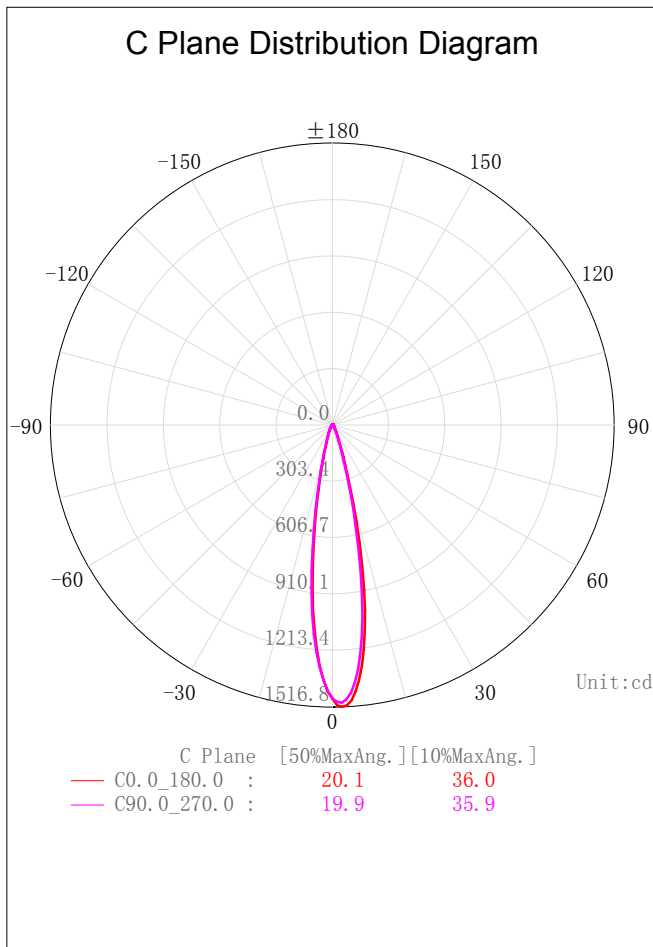
Indoor Luminaire Photometric Data

Description Information

| | | |
|--|---------------------------------|--------------------------|
| Luminaire Name:AD11180 | Lum. Catalog: Downlight | Test ID: |
| Lamp Name: 1201E1 | Lamp Catalog: COB | Test Date: 2024/01/09 |
| Manufacture: | Shld. Ang(°):15 | Test Machine:GON-2000 |
| Test Lab: Test | Frequency(Hz):50 | Lamp CCT(K): 3000 Ra: 90 |
| Lum. Size (W*L*H):0.030m*0.030m*0.000m | Lum. Area (m2):0.001 | Lum. W (kg): 0.000 |
| Test System: C, γ | Test Step: C=22.5 γ =1.0 | Temp. (°C): 25 |
| | | Humidity (%): 50.0 |

Character Parameter

| Lamp Speciality Parameter | | Luminaire Speciality Parameter | |
|--|--|---------------------------------------|--|
| Rated Flux(lm): 233.060 | Luminaire Flux(lm): 233.065 | Field Angle(10%Imax): 36.0(°) | |
| Rated Power(W): 6 | Luminaire Efficiency: 100.00% | Down Lumens&Percent: 233.052lm 99.99% | |
| Rated Voltage(V): 220 | Luminaire EER(lm/W): 34.953 | Up Lumens&Percent: 0.013lm 0.01% | |
| Tested Power(W): 6.668 | Max. Candela(cd): 1516.761 | S/MH: C0_a180=0.351 C90_270=0.344 | |
| Lamps' Inside: 1 | Max Cand@Ang. (°): C=0.0 γ =2.0 | CIE Type: Semi-Direct | |
| Tested Electrics(V, A, pf):219.8, 0.050, 0.597 | Beam Angle(50%Imax): 20.1(°) | ErP Φ use(90°): 228.822lm | |
| Lamp Size(W*L*H):0.030m*0.030m*0.000m | Left=-7.9°, Right=12.1° | IRF (%): 1309.397 | |



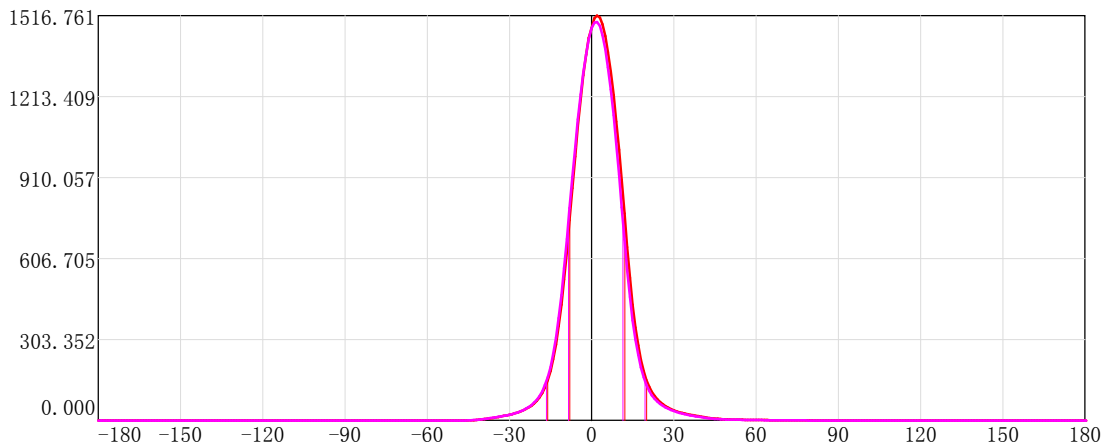
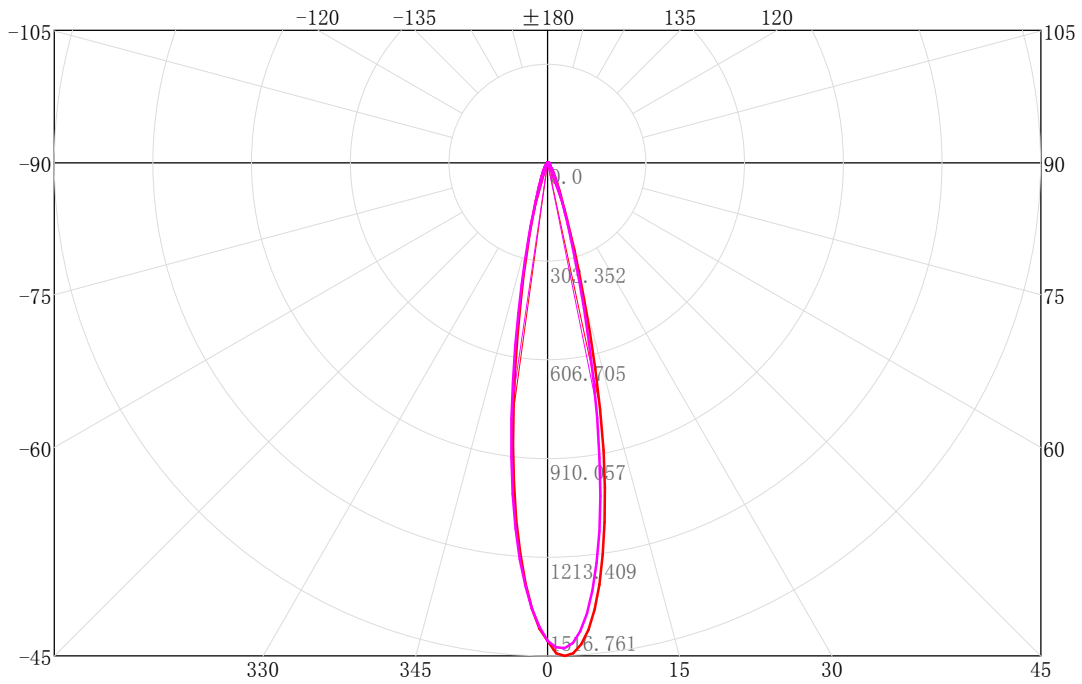
IES Indoor Report

Photometric Filename: AD11180-6W-1201E1-3090-ZHT25-15D-YGE-150mA.IES

2D Plane Light Intensity Distribution Curve

| | | |
|--------------------|-------------------------|-----------------------|
| Lum. Name: AD11180 | Lum. Catalog: Downlight | Test ID: |
| Lamp Name: 1201E1 | Lamp Catalog: COB | Test Lab: Test |
| Manufacture: | Test Machine: GON-2000 | Test Date: 2024/01/09 |

C Plane Distribution Diagram



| | | | | |
|---|---------------|--------------|--------------|---------|
| | C Plane | [50%MaxAng.] | [10%MaxAng.] | Unit:cd |
| — | C0.0_180.0 : | 20.1 | 36.0 | |
| — | C90.0_270.0 : | 19.9 | 35.9 | |

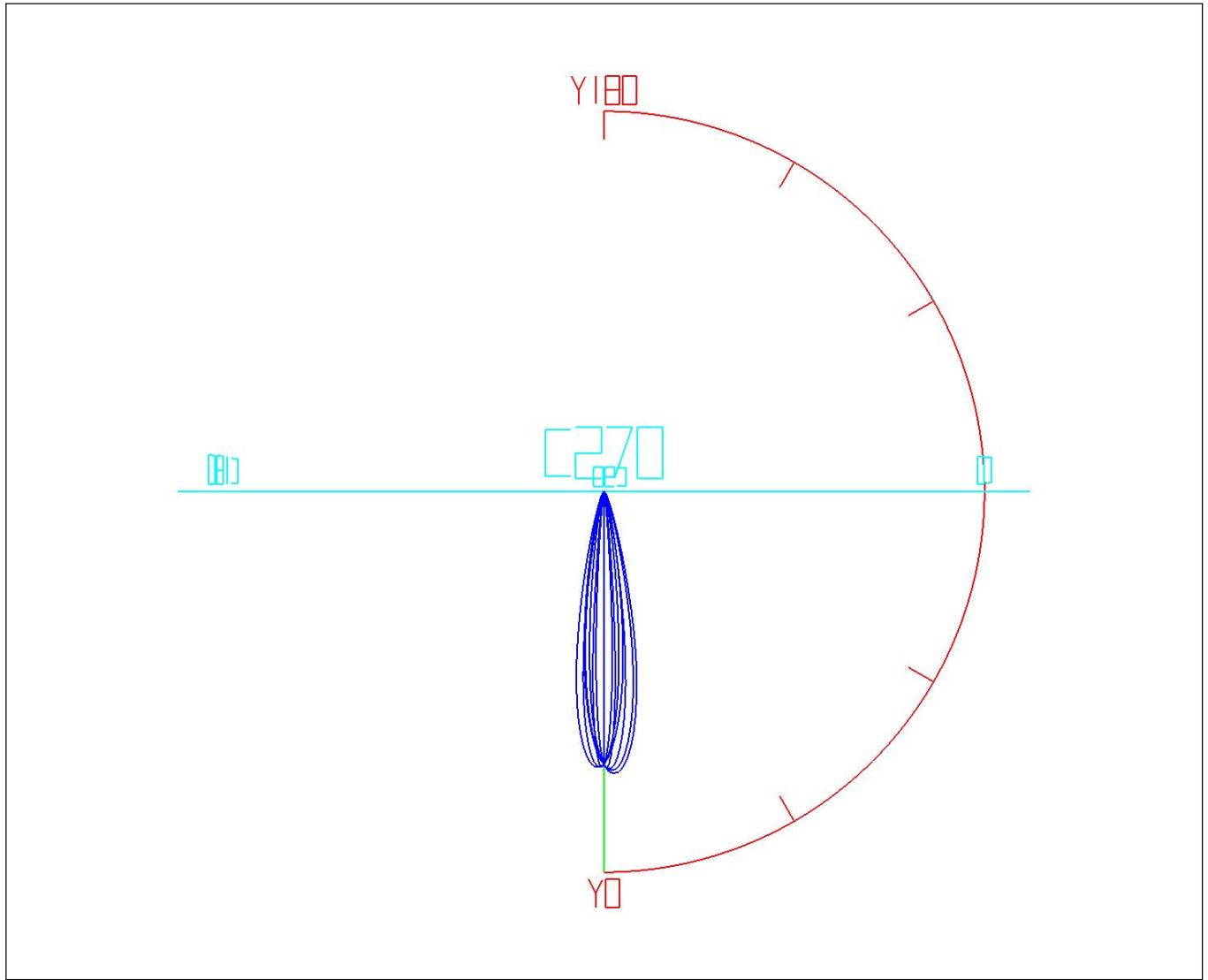
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3D Light Intensity Distribution Modal

| | | |
|--------------------|-------------------------|-----------------------|
| Lum. Name: AD11180 | Lum. Catalog: Downlight | Test ID: |
| Lamp Name: 1201E1 | Lamp Catalog: COB | Test Lab: Test |
| Manufacture: | Test Machine: GON-2000 | Test Date: 2024/01/09 |

3D Light Intensity Distribution Modal



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

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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 | 1.40 | 1.40 | 0.60 | 0.60 | 47.0-48.0 | 0.20 | 230.03 | 0.09 | 98.70 |
| 1.0-2.0 | 4.16 | 5.56 | 1.78 | 2.38 | 48.0-49.0 | 0.18 | 230.22 | 0.08 | 98.78 |
| 2.0-3.0 | 6.76 | 12.32 | 2.90 | 5.29 | 49.0-50.0 | 0.17 | 230.39 | 0.07 | 98.85 |
| 3.0-4.0 | 9.13 | 21.45 | 3.92 | 9.20 | 50.0-51.0 | 0.16 | 230.55 | 0.07 | 98.92 |
| 4.0-5.0 | 11.18 | 32.63 | 4.80 | 14.00 | 51.0-52.0 | 0.15 | 230.70 | 0.07 | 98.99 |
| 5.0-6.0 | 12.82 | 45.45 | 5.50 | 19.50 | 52.0-53.0 | 0.15 | 230.85 | 0.06 | 99.05 |
| 6.0-7.0 | 14.01 | 59.45 | 6.01 | 25.51 | 53.0-54.0 | 0.14 | 230.99 | 0.06 | 99.11 |
| 7.0-8.0 | 14.70 | 74.15 | 6.31 | 31.82 | 54.0-55.0 | 0.13 | 231.12 | 0.06 | 99.17 |
| 8.0-9.0 | 14.89 | 89.05 | 6.39 | 38.21 | 55.0-56.0 | 0.13 | 231.24 | 0.05 | 99.22 |
| 9.0-10.0 | 14.61 | 103.66 | 6.27 | 44.48 | 56.0-57.0 | 0.12 | 231.36 | 0.05 | 99.27 |
| 10.0-11.0 | 13.91 | 117.57 | 5.97 | 50.45 | 57.0-58.0 | 0.11 | 231.48 | 0.05 | 99.32 |
| 11.0-12.0 | 12.89 | 130.45 | 5.53 | 55.97 | 58.0-59.0 | 0.11 | 231.58 | 0.05 | 99.37 |
| 12.0-13.0 | 11.65 | 142.10 | 5.00 | 60.97 | 59.0-60.0 | 0.10 | 231.69 | 0.04 | 99.41 |
| 13.0-14.0 | 10.31 | 152.41 | 4.43 | 65.40 | 60.0-61.0 | 0.10 | 231.78 | 0.04 | 99.45 |
| 14.0-15.0 | 9.00 | 161.41 | 3.86 | 69.26 | 61.0-62.0 | 0.09 | 231.88 | 0.04 | 99.49 |
| 15.0-16.0 | 7.77 | 169.18 | 3.33 | 72.59 | 62.0-63.0 | 0.09 | 231.96 | 0.04 | 99.53 |
| 16.0-17.0 | 6.69 | 175.87 | 2.87 | 75.46 | 63.0-64.0 | 0.08 | 232.05 | 0.04 | 99.56 |
| 17.0-18.0 | 5.76 | 181.63 | 2.47 | 77.93 | 64.0-65.0 | 0.08 | 232.12 | 0.03 | 99.60 |
| 18.0-19.0 | 4.98 | 186.61 | 2.14 | 80.07 | 65.0-66.0 | 0.07 | 232.20 | 0.03 | 99.63 |
| 19.0-20.0 | 4.34 | 190.94 | 1.86 | 81.93 | 66.0-67.0 | 0.07 | 232.27 | 0.03 | 99.66 |
| 20.0-21.0 | 3.81 | 194.76 | 1.64 | 83.56 | 67.0-68.0 | 0.07 | 232.33 | 0.03 | 99.69 |
| 21.0-22.0 | 3.39 | 198.14 | 1.45 | 85.02 | 68.0-69.0 | 0.06 | 232.40 | 0.03 | 99.72 |
| 22.0-23.0 | 3.04 | 201.18 | 1.30 | 86.32 | 69.0-70.0 | 0.06 | 232.46 | 0.03 | 99.74 |
| 23.0-24.0 | 2.75 | 203.92 | 1.18 | 87.50 | 70.0-71.0 | 0.06 | 232.51 | 0.02 | 99.77 |
| 24.0-25.0 | 2.50 | 206.42 | 1.07 | 88.57 | 71.0-72.0 | 0.05 | 232.57 | 0.02 | 99.79 |
| 25.0-26.0 | 2.29 | 208.71 | 0.98 | 89.55 | 72.0-73.0 | 0.05 | 232.61 | 0.02 | 99.81 |
| 26.0-27.0 | 2.10 | 210.81 | 0.90 | 90.45 | 73.0-74.0 | 0.05 | 232.66 | 0.02 | 99.83 |
| 27.0-28.0 | 1.94 | 212.75 | 0.83 | 91.29 | 74.0-75.0 | 0.04 | 232.70 | 0.02 | 99.85 |
| 28.0-29.0 | 1.79 | 214.54 | 0.77 | 92.05 | 75.0-76.0 | 0.04 | 232.75 | 0.02 | 99.87 |
| 29.0-30.0 | 1.66 | 216.20 | 0.71 | 92.77 | 76.0-77.0 | 0.04 | 232.78 | 0.02 | 99.88 |
| 30.0-31.0 | 1.54 | 217.74 | 0.66 | 93.43 | 77.0-78.0 | 0.04 | 232.82 | 0.02 | 99.90 |
| 31.0-32.0 | 1.43 | 219.16 | 0.61 | 94.04 | 78.0-79.0 | 0.03 | 232.85 | 0.01 | 99.91 |
| 32.0-33.0 | 1.32 | 220.49 | 0.57 | 94.61 | 79.0-80.0 | 0.03 | 232.88 | 0.01 | 99.92 |
| 33.0-34.0 | 1.23 | 221.71 | 0.53 | 95.13 | 80.0-81.0 | 0.03 | 232.91 | 0.01 | 99.93 |
| 34.0-35.0 | 1.13 | 222.84 | 0.49 | 95.62 | 81.0-82.0 | 0.02 | 232.93 | 0.01 | 99.95 |
| 35.0-36.0 | 1.04 | 223.88 | 0.45 | 96.06 | 82.0-83.0 | 0.02 | 232.95 | 0.01 | 99.95 |
| 36.0-37.0 | 0.95 | 224.83 | 0.41 | 96.47 | 83.0-84.0 | 0.02 | 232.98 | 0.01 | 99.96 |
| 37.0-38.0 | 0.86 | 225.69 | 0.37 | 96.84 | 84.0-85.0 | 0.02 | 232.99 | 0.01 | 99.97 |
| 38.0-39.0 | 0.77 | 226.46 | 0.33 | 97.17 | 85.0-86.0 | 0.02 | 233.01 | 0.01 | 99.98 |
| 39.0-40.0 | 0.68 | 227.13 | 0.29 | 97.46 | 86.0-87.0 | 0.01 | 233.02 | 0.01 | 99.98 |
| 40.0-41.0 | 0.59 | 227.73 | 0.25 | 97.71 | 87.0-88.0 | 0.01 | 233.03 | 0.00 | 99.99 |
| 41.0-42.0 | 0.51 | 228.23 | 0.22 | 97.93 | 88.0-89.0 | 0.01 | 233.04 | 0.00 | 99.99 |
| 42.0-43.0 | 0.43 | 228.66 | 0.18 | 98.11 | 89.0-90.0 | 0.01 | 233.05 | 0.00 | 100.00 |
| 43.0-44.0 | 0.37 | 229.03 | 0.16 | 98.27 | 90.0-91.0 | 0.01 | 233.06 | 0.00 | 100.00 |
| 44.0-45.0 | 0.31 | 229.34 | 0.13 | 98.40 | 91.0-92.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 45.0-46.0 | 0.27 | 229.60 | 0.11 | 98.52 | 92.0-93.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 46.0-47.0 | 0.23 | 229.83 | 0.10 | 98.62 | 93.0-94.0 | 0.00 | 233.06 | 0.00 | 100.00 |

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Zonal Flux Tabulation - (Cont.)

| Zone (γ) | Zone Flux (lm) | Sums Flux (lm) | Zone%Lamp | Sums%Lamp | Zone (γ) | Zone Flux (lm) | Sums Flux (lm) | Zone%Lamp | Sums%Lamp |
|-------------|----------------|----------------|-----------|-----------|-------------|----------------|----------------|-----------|-----------|
| 94.0-95.0 | 0.00 | 233.06 | 0.00 | 100.00 | 141.0-142.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 95.0-96.0 | 0.00 | 233.06 | 0.00 | 100.00 | 142.0-143.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 96.0-97.0 | 0.00 | 233.06 | 0.00 | 100.00 | 143.0-144.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 97.0-98.0 | 0.00 | 233.06 | 0.00 | 100.00 | 144.0-145.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 98.0-99.0 | 0.00 | 233.06 | 0.00 | 100.00 | 145.0-146.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 99.0-100.0 | 0.00 | 233.06 | 0.00 | 100.00 | 146.0-147.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 100.0-101.0 | 0.00 | 233.06 | 0.00 | 100.00 | 147.0-148.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 101.0-102.0 | 0.00 | 233.06 | 0.00 | 100.00 | 148.0-149.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 102.0-103.0 | 0.00 | 233.06 | 0.00 | 100.00 | 149.0-150.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 103.0-104.0 | 0.00 | 233.06 | 0.00 | 100.00 | 150.0-151.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 104.0-105.0 | 0.00 | 233.06 | 0.00 | 100.00 | 151.0-152.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 105.0-106.0 | 0.00 | 233.06 | 0.00 | 100.00 | 152.0-153.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 106.0-107.0 | 0.00 | 233.06 | 0.00 | 100.00 | 153.0-154.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 107.0-108.0 | 0.00 | 233.06 | 0.00 | 100.00 | 154.0-155.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 108.0-109.0 | 0.00 | 233.06 | 0.00 | 100.00 | 155.0-156.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 109.0-110.0 | 0.00 | 233.06 | 0.00 | 100.00 | 156.0-157.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 110.0-111.0 | 0.00 | 233.06 | 0.00 | 100.00 | 157.0-158.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 111.0-112.0 | 0.00 | 233.06 | 0.00 | 100.00 | 158.0-159.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 112.0-113.0 | 0.00 | 233.06 | 0.00 | 100.00 | 159.0-160.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 113.0-114.0 | 0.00 | 233.06 | 0.00 | 100.00 | 160.0-161.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 114.0-115.0 | 0.00 | 233.06 | 0.00 | 100.00 | 161.0-162.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 115.0-116.0 | 0.00 | 233.06 | 0.00 | 100.00 | 162.0-163.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 116.0-117.0 | 0.00 | 233.06 | 0.00 | 100.00 | 163.0-164.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 117.0-118.0 | 0.00 | 233.06 | 0.00 | 100.00 | 164.0-165.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 118.0-119.0 | 0.00 | 233.06 | 0.00 | 100.00 | 165.0-166.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 119.0-120.0 | 0.00 | 233.06 | 0.00 | 100.00 | 166.0-167.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 120.0-121.0 | 0.00 | 233.06 | 0.00 | 100.00 | 167.0-168.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 121.0-122.0 | 0.00 | 233.06 | 0.00 | 100.00 | 168.0-169.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 122.0-123.0 | 0.00 | 233.06 | 0.00 | 100.00 | 169.0-170.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 123.0-124.0 | 0.00 | 233.06 | 0.00 | 100.00 | 170.0-171.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 124.0-125.0 | 0.00 | 233.06 | 0.00 | 100.00 | 171.0-172.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 125.0-126.0 | 0.00 | 233.06 | 0.00 | 100.00 | 172.0-173.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 126.0-127.0 | 0.00 | 233.06 | 0.00 | 100.00 | 173.0-174.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 127.0-128.0 | 0.00 | 233.06 | 0.00 | 100.00 | 174.0-175.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 128.0-129.0 | 0.00 | 233.06 | 0.00 | 100.00 | 175.0-176.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 129.0-130.0 | 0.00 | 233.06 | 0.00 | 100.00 | 176.0-177.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 130.0-131.0 | 0.00 | 233.06 | 0.00 | 100.00 | 177.0-178.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 131.0-132.0 | 0.00 | 233.06 | 0.00 | 100.00 | 178.0-179.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 132.0-133.0 | 0.00 | 233.06 | 0.00 | 100.00 | 179.0-180.0 | 0.00 | 233.06 | 0.00 | 100.00 |
| 133.0-134.0 | 0.00 | 233.06 | 0.00 | 100.00 | | | | | |
| 134.0-135.0 | 0.00 | 233.06 | 0.00 | 100.00 | | | | | |
| 135.0-136.0 | 0.00 | 233.06 | 0.00 | 100.00 | | | | | |
| 136.0-137.0 | 0.00 | 233.06 | 0.00 | 100.00 | | | | | |
| 137.0-138.0 | 0.00 | 233.06 | 0.00 | 100.00 | | | | | |
| 138.0-139.0 | 0.00 | 233.06 | 0.00 | 100.00 | | | | | |
| 139.0-140.0 | 0.00 | 233.06 | 0.00 | 100.00 | | | | | |
| 140.0-141.0 | 0.00 | 233.06 | 0.00 | 100.00 | | | | | |

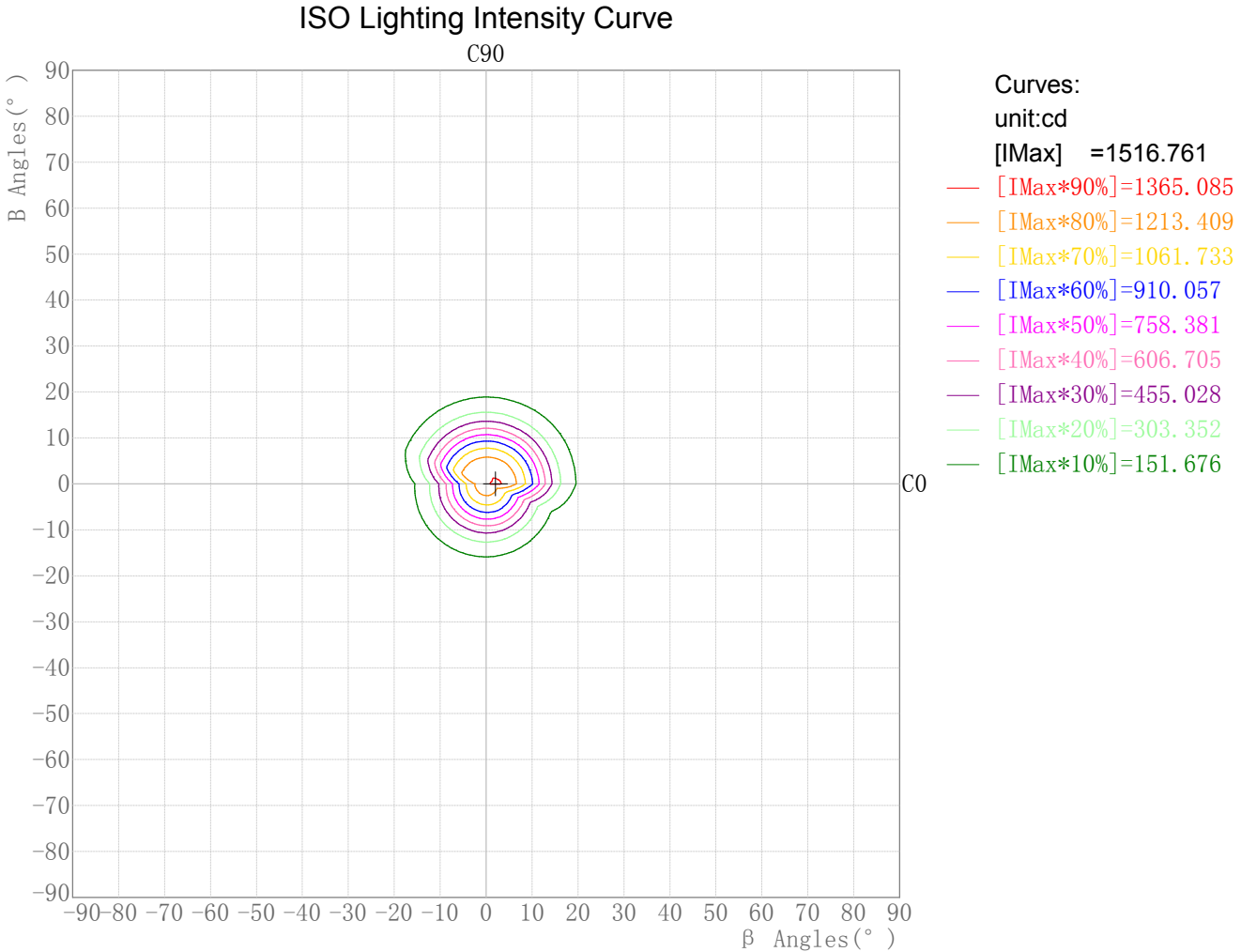
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Rectangle ISO Lighting Intensity Diagram

| | | |
|--------------------|-------------------------|-----------------------|
| Lum. Name: AD11180 | Lum. Catalog: Downlight | Test ID: |
| Lamp Name: 1201E1 | Lamp Catalog: COB | Test Lab: Test |
| Manufacture: | Test Machine: GON-2000 | Test Date: 2024/01/09 |



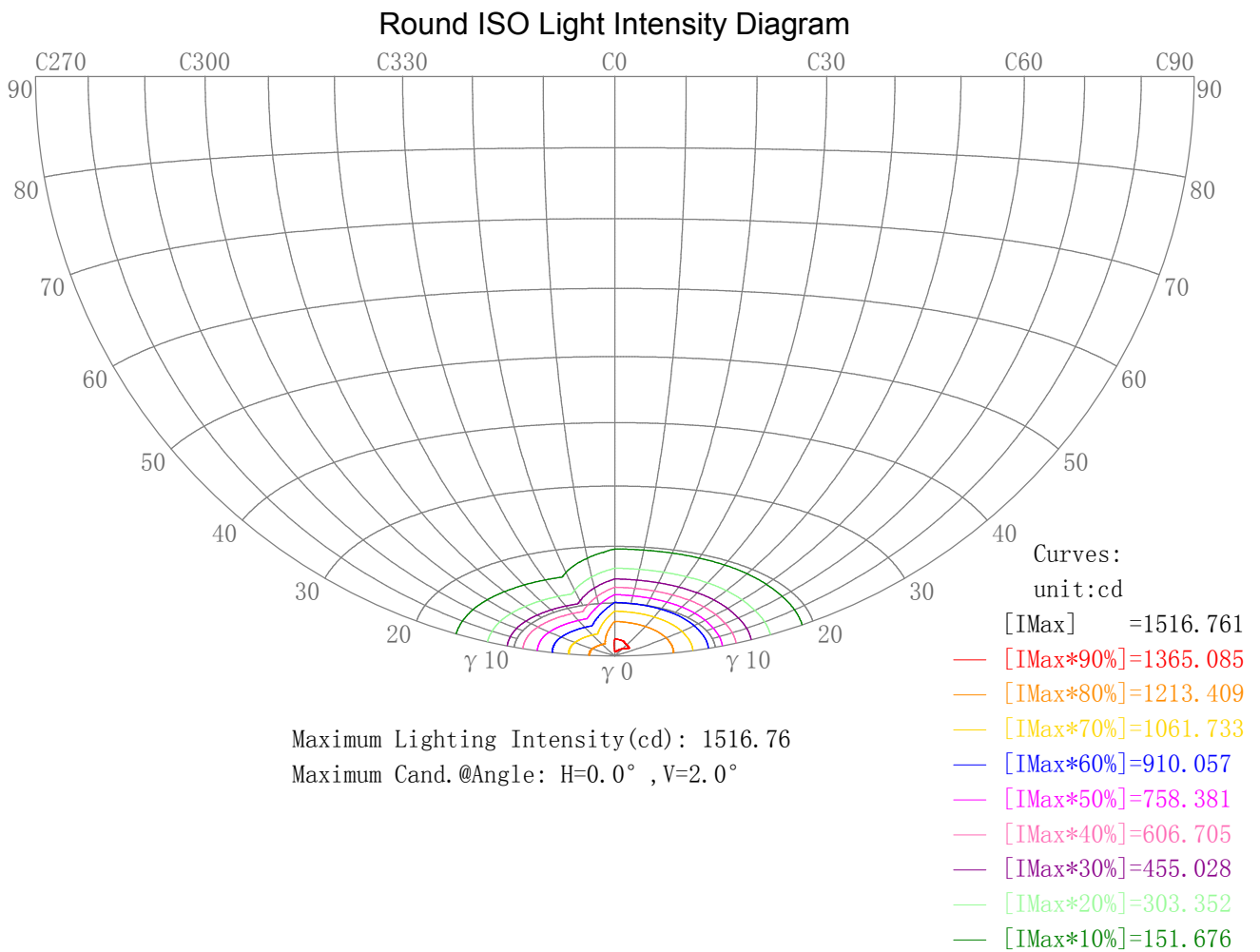
Maximum Light Intensity(cd): 1516.76
Maximum Cand.@Angle: H=2.0°,V=0.0°

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Round ISO Lighting Intensity Diagram

| | | |
|--------------------|-------------------------|-----------------------|
| Lum. Name: AD11180 | Lum. Catalog: Downlight | Test ID: |
| Lamp Name: 1201E1 | Lamp Catalog: COB | Test Lab: Test |
| Manufacture: | Test Machine: GON-2000 | Test Date: 2024/01/09 |



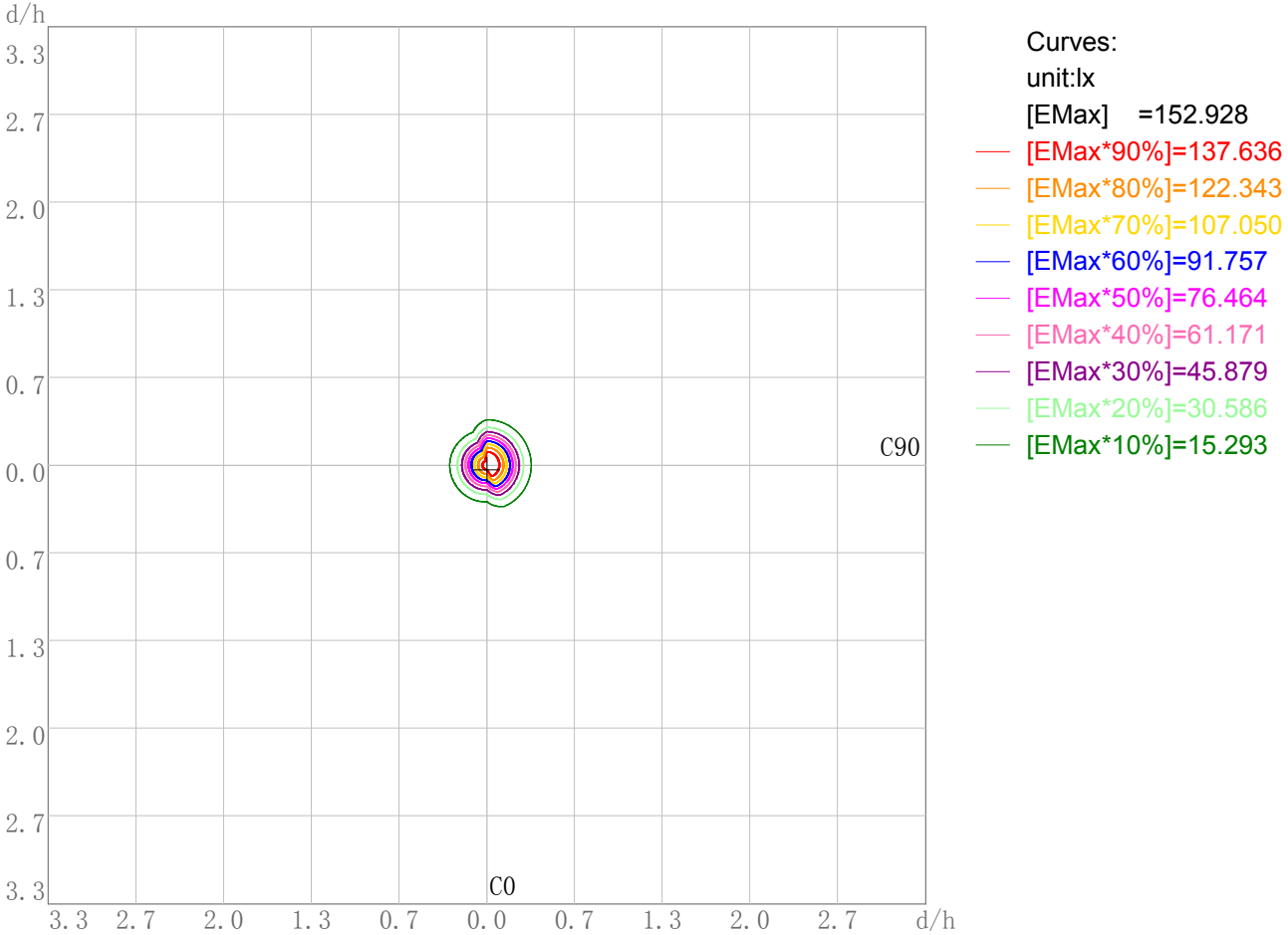
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Plane ISO-Illuminance Diagram

| | | |
|--------------------|-------------------------|-----------------------|
| Lum. Name: AD11180 | Lum. Catalog: Downlight | Test ID: |
| Lamp Name: 1201E1 | Lamp Catalog: COB | Test Lab: Test |
| Manufacture: | Test Machine: GON-2000 | Test Date: 2024/01/09 |

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00
 Working Plane Maximum Illuminance(lx): 152.93
 Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

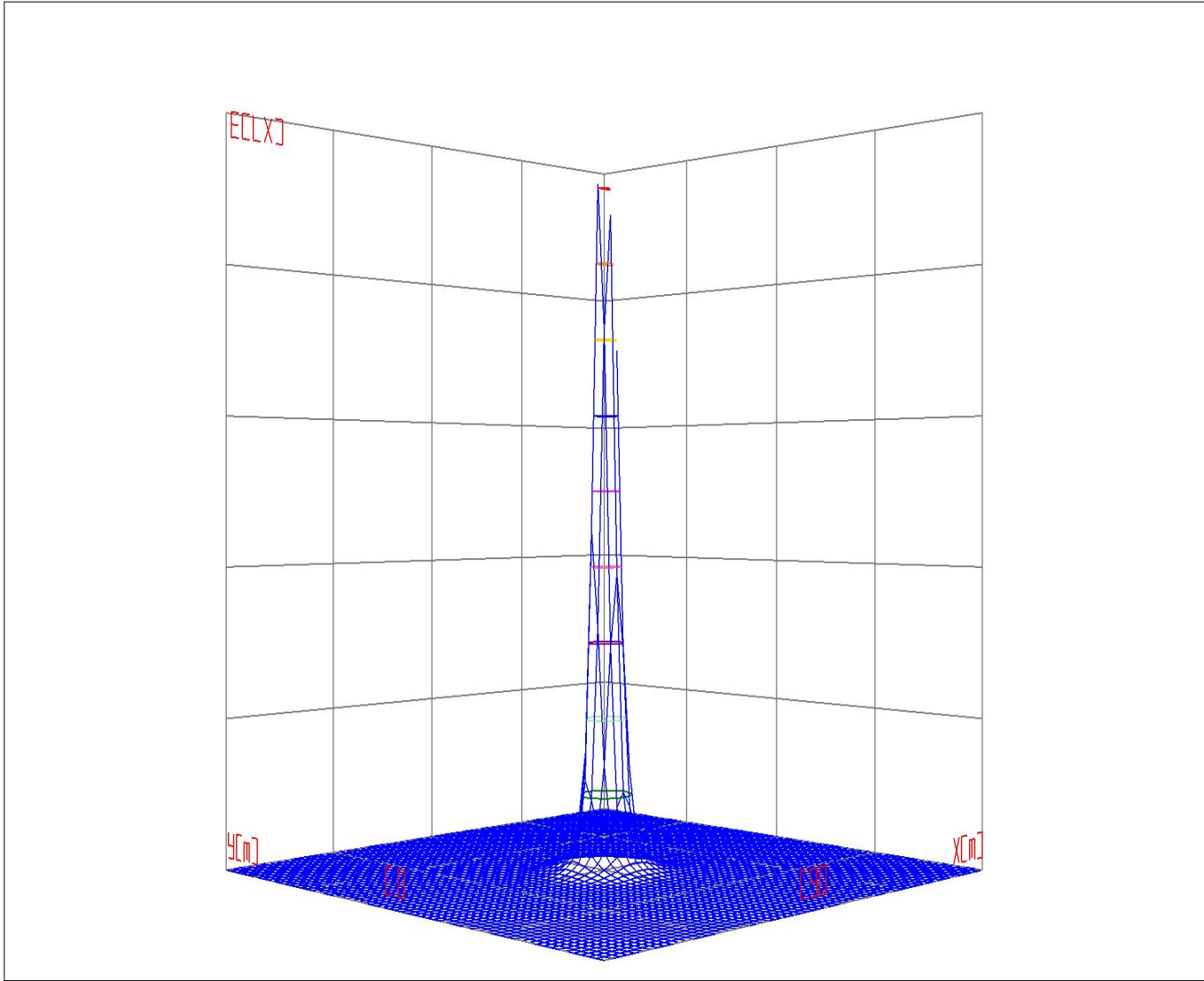
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3D Plane ISO Illuminance Diagram

| | | |
|--------------------|-------------------------|-----------------------|
| Lum. Name: AD11180 | Lum. Catalog: Downlight | Test ID: |
| Lamp Name: 1201E1 | Lamp Catalog: COB | Test Lab: Test |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2024/01/09 |

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

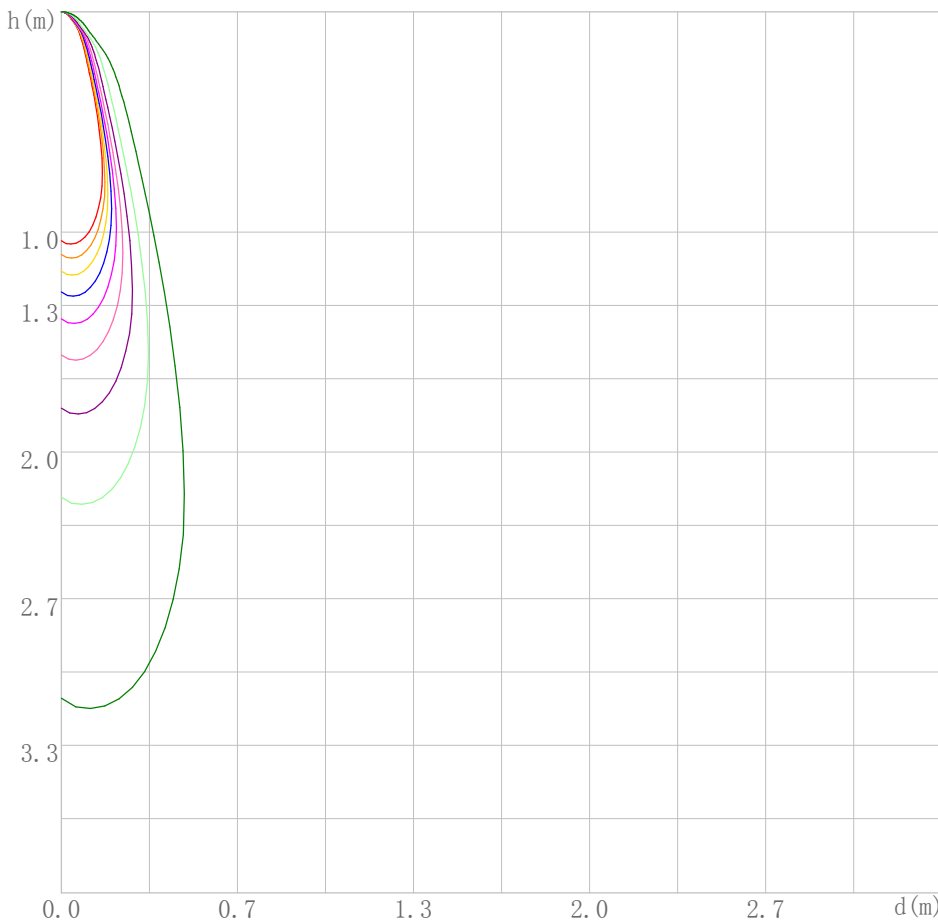
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Space ISO Illuminance Diagram

| | | |
|--------------------|-------------------------|-----------------------|
| Lum. Name: AD11180 | Lum. Catalog: Downlight | Test ID: |
| Lamp Name: 1201E1 | Lamp Catalog: COB | Test Lab: Test |
| Manufacture: | Test Machine: GON-2000 | Test Date: 2024/01/09 |

Space ISO Illuminance Curve



- Curves:
[Unit: lx]
[EMax] =1513.991
- [EMax*90%]=1362.592
 - [EMax*80%]=1211.193
 - [EMax*70%]=1059.794
 - [EMax*60%]=908.395
 - [EMax*50%]=756.996
 - [EMax*40%]=605.597
 - [EMax*30%]=454.197
 - [EMax*20%]=302.798
 - [EMax*10%]=151.399

Space Plane Maximum Illuminance and @Angle:1513.99lx,2.0deg
Plane Maximum Lighting Intensity and @Angle:1516.761cd,0deg

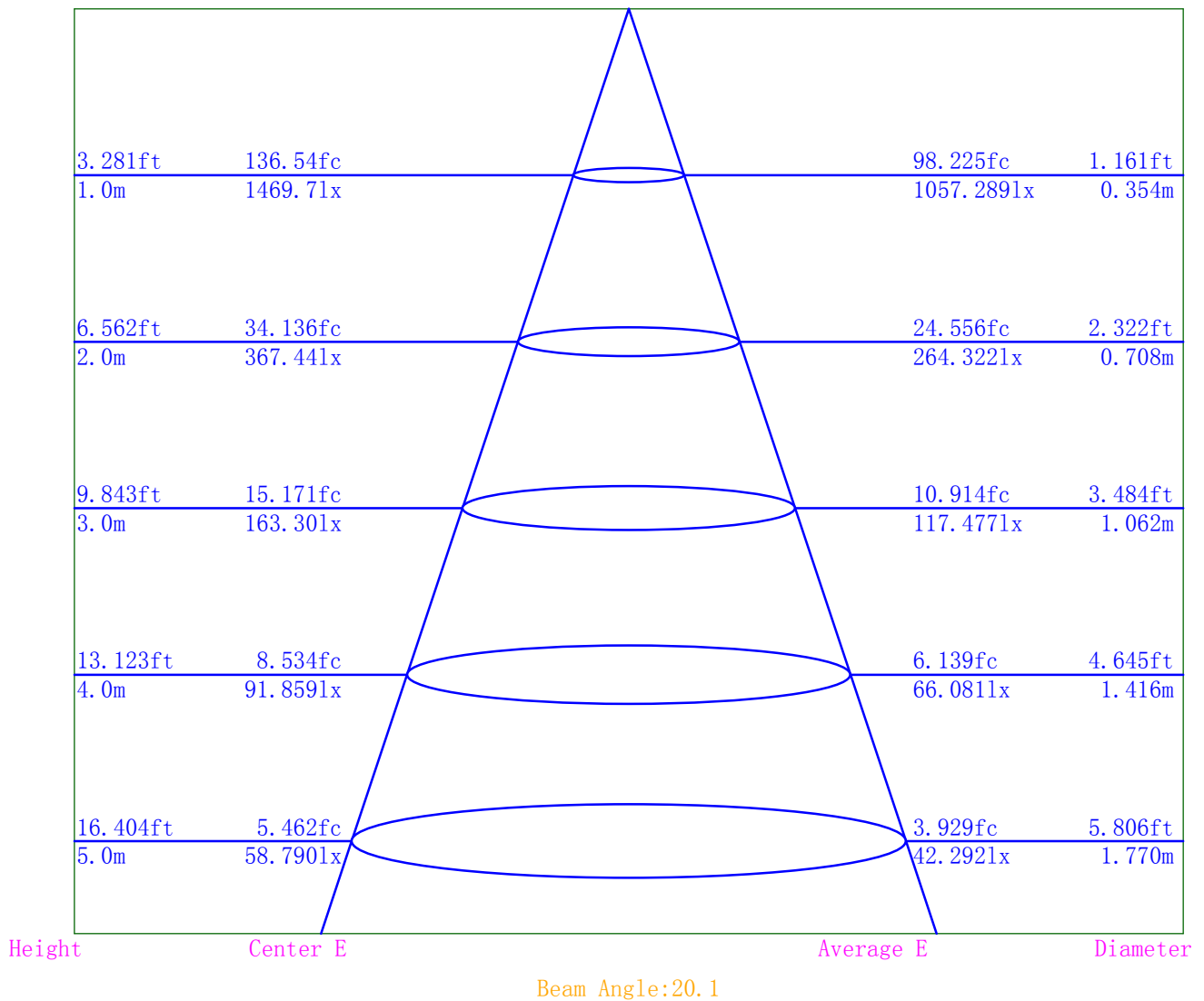
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Illuminance-Distance Diagram

| | | |
|--------------------|-------------------------|-----------------------|
| Lum. Name: AD11180 | Lum. Catalog: Downlight | Test ID: |
| Lamp Name: 1201E1 | Lamp Catalog: COB | Test Lab: Test |
| Manufacture: | Test Machine: GON-2000 | Test Date: 2024/01/09 |

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:AD11180-6W-1201E1-3090-ZHT25-15D-YGE-150mA.IES

Indoor Luminance Limiting Curves

| | | |
|--------------------|-------------------------|-----------------------|
| Lum. Name: AD11180 | Lum. Catalog: Downlight | Test ID: |
| Lamp Name: 1201E1 | Lamp Catalog: COB | Test Lab: Test |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2024/01/09 |

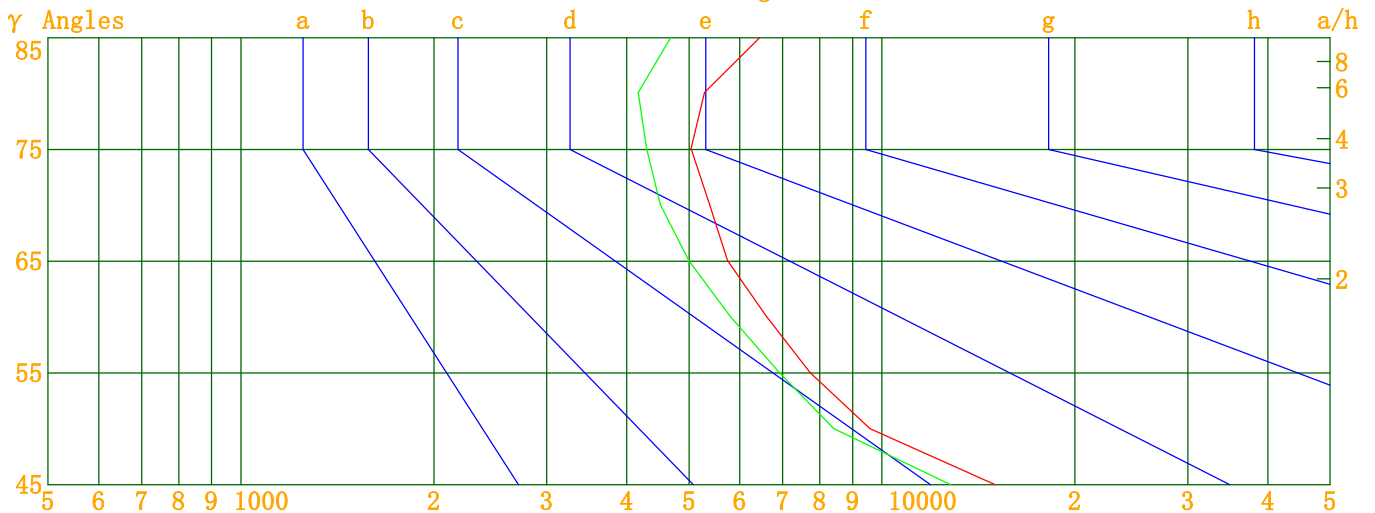
Glare Grade Table

| GI | Quality | Using Illuminance | | | | | | | |
|------|---------|-------------------|------|------|-------|-------|-------|-------|-------|
| | | a | b | c | d | e | f | g | h |
| 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 | 15027 | 9577 | 7727 | 6604 | 5741 | 5387 | 5039 | 5287 | 6446 |
| C90 | 12793 | 8413 | 6921 | 5801 | 4997 | 4514 | 4293 | 4167 | 4678 |

Luminance Limiting Curve



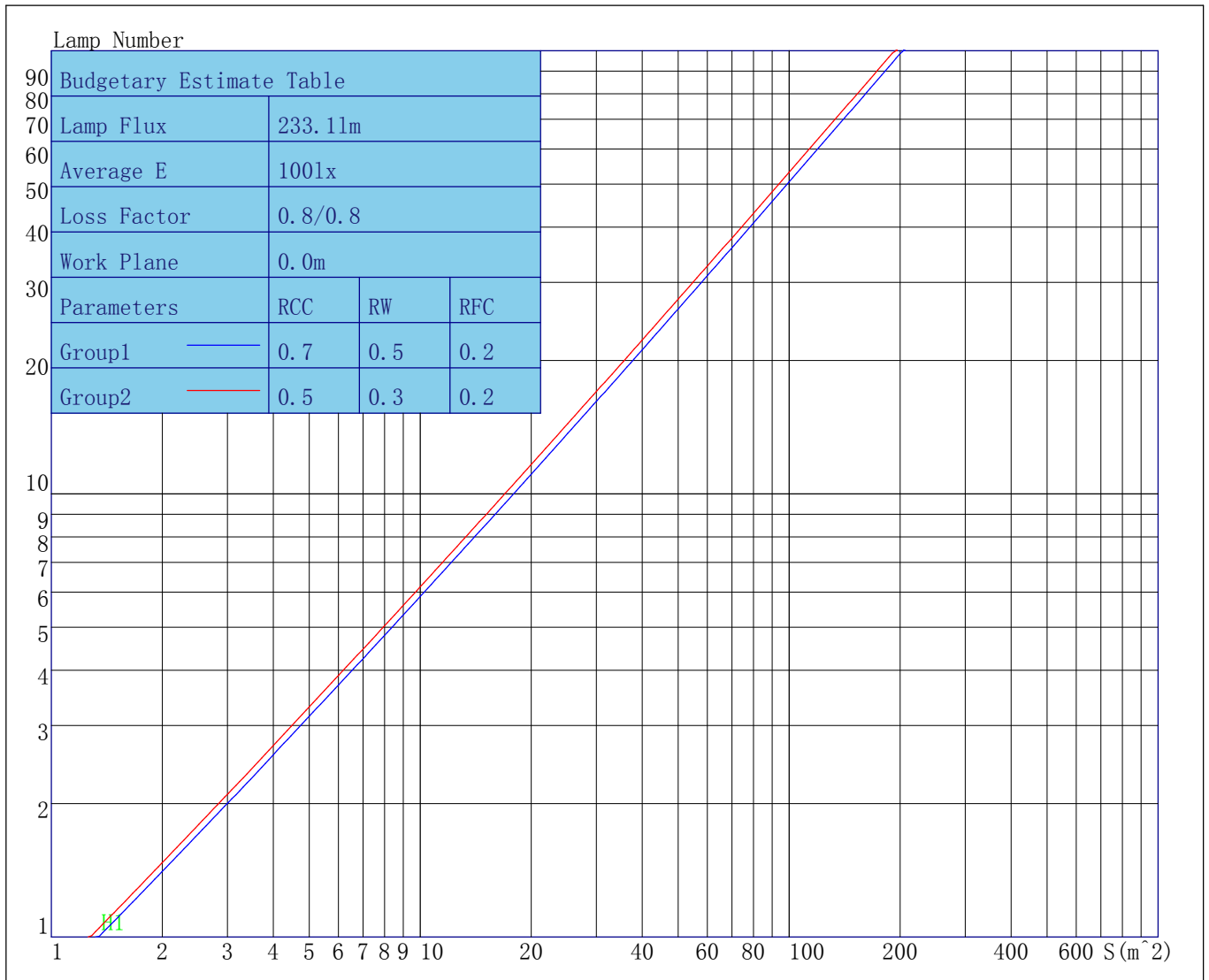
Luminous Size: Length(m)=-0.030 Width(m)=-0.030 Height(m)=0.000 Area(m^2)=0.000707
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: ——— C90-C270 Color: ———

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Indoor Budgetary Estimate Table

| | | |
|--------------------|-------------------------|-----------------------|
| Lum. Name: AD11180 | Lum. Catalog: Downlight | Test ID: |
| Lamp Name: 1201E1 | Lamp Catalog: COB | Test Lab: Test |
| Manufacture: | Test Machine: GON-2000 | Test Date: 2024/01/09 |



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

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Indoor Coefficient of Utilization Table

| | | |
|--------------------|-------------------------|-----------------------|
| Lum. Name: AD11180 | Lum. Catalog: Downlight | Test ID: |
| Lamp Name: 1201E1 | Lamp Catalog: COB | Test Lab: Test |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2024/01/09 |

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

IES Indoor Report

Photometric Filename:AD11180-6W-1201E1-3090-ZHT25-15D-YGE-150mA.IES

Unified Glare Rating Table

| | | |
|--------------------|-------------------------|-----------------------|
| Lum. Name: AD11180 | Lum. Catalog: Downlight | Test ID: |
| Lamp Name: 1201E1 | Lamp Catalog: COB | Test Lab: Test |
| Manufacture: | Test Machine:GON-2000 | Test Date: 2024/01/09 |

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 | 13.1 | 14.0 | 13.4 | 14.3 | 14.6 | 13.9 | 14.8 | 14.3 | 15.1 | 15.4 |
| | Y=3H | 13.3 | 14.1 | 13.7 | 14.5 | 14.8 | 14.1 | 14.9 | 14.5 | 15.3 | 15.7 |
| | Y=4H | 13.5 | 14.2 | 13.9 | 14.6 | 15.0 | 14.3 | 15.0 | 14.7 | 15.4 | 15.8 |
| | Y=6H | 13.7 | 14.4 | 14.1 | 14.7 | 15.1 | 14.4 | 15.1 | 14.8 | 15.4 | 15.8 |
| | Y=8H | 13.8 | 14.4 | 14.2 | 14.8 | 15.2 | 14.4 | 15.1 | 14.9 | 15.5 | 15.9 |
| | Y=12H | 13.9 | 14.5 | 14.3 | 14.9 | 15.3 | 14.5 | 15.1 | 14.9 | 15.5 | 15.9 |
| X=4H | Y=2H | 12.9 | 13.7 | 13.3 | 14.0 | 14.4 | 13.8 | 14.6 | 14.3 | 14.9 | 15.3 |
| | Y=3H | 13.3 | 13.9 | 13.7 | 14.3 | 14.7 | 14.2 | 14.8 | 14.7 | 15.3 | 15.7 |
| | Y=4H | 13.5 | 14.0 | 13.9 | 14.4 | 14.9 | 14.5 | 15.0 | 14.9 | 15.4 | 15.9 |
| | Y=6H | 13.7 | 14.2 | 14.2 | 14.6 | 15.1 | 14.7 | 15.1 | 15.2 | 15.6 | 16.1 |
| | Y=8H | 13.9 | 14.3 | 14.3 | 14.7 | 15.2 | 14.8 | 15.2 | 15.2 | 15.7 | 16.1 |
| | Y=12H | 14.0 | 14.4 | 14.5 | 14.9 | 15.4 | 14.9 | 15.2 | 15.4 | 15.7 | 16.2 |
| X=8H | Y=4H | 13.4 | 13.8 | 13.9 | 14.3 | 14.8 | 14.5 | 14.9 | 14.9 | 15.3 | 15.8 |
| | Y=6H | 13.7 | 14.0 | 14.2 | 14.5 | 15.1 | 14.8 | 15.1 | 15.3 | 15.6 | 16.1 |
| | Y=8H | 13.9 | 14.2 | 14.4 | 14.7 | 15.2 | 14.9 | 15.2 | 15.5 | 15.8 | 16.3 |
| | Y=12H | 14.1 | 14.4 | 14.6 | 14.9 | 15.5 | 15.1 | 15.4 | 15.7 | 15.9 | 16.5 |
| X=12H | Y=4H | 13.3 | 13.7 | 13.8 | 14.2 | 14.7 | 14.4 | 14.8 | 14.9 | 15.3 | 15.8 |
| | Y=6H | 13.7 | 14.0 | 14.2 | 14.4 | 15.0 | 14.8 | 15.1 | 15.3 | 15.5 | 16.1 |
| | Y=8H | 13.9 | 14.1 | 14.4 | 14.6 | 15.2 | 15.0 | 15.2 | 15.5 | 15.7 | 16.3 |
| Variations with the objverer position at spacings | | | | | | | | | | | |
| S=1.0H | 0.3/-0.3 | | | | | 0.4/-0.4 | | | | | |
| S=1.5H | 0.7/-0.6 | | | | | 0.6/-0.7 | | | | | |
| S=2.0H | 1.7/-1.2 | | | | | 0.9/-1.0 | | | | | |
| Reduced UGR Table: | | | | | | | | | | | |
| Nordic Standard Table: | BKO | | | | | BKO | | | | | |
| Correction Value | 1.1 | | | | | 1.3 | | | | | |

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

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Candela Tabulation

| V/H | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 | C225.0 | C247.5 |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| γ 0.0 | 1469.74 | 1469.74 | 1469.74 | 1469.74 | 1469.74 | 1469.74 | 1469.74 | 1469.74 | 1469.74 | 1469.74 | 1469.74 | 1469.74 |
| γ 1.0 | 1507.73 | 1498.38 | 1494.50 | 1492.40 | 1489.88 | 1490.57 | 1486.22 | 1484.77 | 1433.14 | 1426.78 | 1425.04 | 1427.88 |
| γ 2.0 | 1516.76 | 1506.95 | 1501.54 | 1497.09 | 1493.29 | 1492.82 | 1489.30 | 1487.95 | 1370.89 | 1366.71 | 1366.30 | 1370.80 |
| γ 3.0 | 1510.11 | 1498.52 | 1491.39 | 1483.73 | 1478.31 | 1477.22 | 1474.17 | 1474.07 | 1294.34 | 1293.01 | 1293.98 | 1299.76 |
| γ 4.0 | 1484.30 | 1471.62 | 1461.78 | 1450.20 | 1443.44 | 1441.49 | 1439.92 | 1440.77 | 1204.42 | 1206.85 | 1208.65 | 1216.02 |
| γ 5.0 | 1440.18 | 1426.66 | 1414.08 | 1398.79 | 1390.84 | 1388.20 | 1388.53 | 1390.53 | 1102.60 | 1108.88 | 1111.85 | 1119.69 |
| γ 6.0 | 1380.61 | 1366.13 | 1350.74 | 1331.19 | 1322.33 | 1319.77 | 1321.57 | 1324.40 | 989.76 | 1000.45 | 1003.94 | 1012.95 |
| γ 7.0 | 1306.35 | 1291.29 | 1272.34 | 1248.70 | 1239.67 | 1237.55 | 1239.90 | 1243.39 | 870.66 | 884.81 | 889.46 | 898.45 |
| γ 8.0 | 1219.02 | 1203.66 | 1181.16 | 1153.69 | 1144.27 | 1142.53 | 1145.46 | 1149.20 | 750.75 | 767.53 | 772.23 | 780.86 |
| γ 9.0 | 1119.32 | 1103.84 | 1078.35 | 1046.40 | 1036.99 | 1036.10 | 1039.15 | 1042.58 | 634.85 | 652.94 | 657.41 | 665.41 |
| γ 10.0 | 1014.34 | 992.16 | 964.30 | 929.27 | 920.41 | 919.67 | 922.75 | 926.90 | 528.64 | 546.30 | 550.39 | 556.96 |
| γ 11.0 | 901.36 | 871.62 | 842.71 | 806.13 | 798.40 | 797.42 | 801.84 | 805.96 | 434.61 | 451.01 | 454.89 | 459.49 |
| γ 12.0 | 775.19 | 747.70 | 719.48 | 683.42 | 677.76 | 677.30 | 682.73 | 686.91 | 353.58 | 368.19 | 371.97 | 375.29 |
| γ 13.0 | 650.35 | 627.33 | 601.48 | 568.69 | 564.58 | 564.18 | 571.22 | 575.25 | 285.71 | 298.34 | 301.88 | 304.14 |
| γ 14.0 | 535.14 | 516.66 | 494.66 | 465.52 | 462.90 | 463.05 | 470.90 | 474.31 | 229.96 | 240.66 | 243.71 | 245.58 |
| γ 15.0 | 433.82 | 419.65 | 401.57 | 377.38 | 375.81 | 376.54 | 383.74 | 387.00 | 185.33 | 194.17 | 196.75 | 198.21 |
| γ 16.0 | 348.96 | 338.71 | 324.36 | 305.09 | 303.76 | 304.08 | 310.55 | 313.38 | 150.58 | 157.59 | 159.72 | 160.89 |
| γ 17.0 | 281.41 | 273.69 | 262.42 | 246.83 | 245.48 | 245.42 | 250.55 | 252.78 | 123.51 | 129.08 | 130.70 | 131.63 |
| γ 18.0 | 227.52 | 221.84 | 213.04 | 200.48 | 199.08 | 198.71 | 202.25 | 204.48 | 102.74 | 107.06 | 108.07 | 108.70 |
| γ 19.0 | 185.11 | 181.04 | 173.88 | 163.95 | 162.40 | 161.53 | 164.17 | 165.94 | 86.75 | 90.14 | 90.73 | 91.03 |
| γ 20.0 | 152.55 | 149.35 | 143.50 | 135.40 | 133.95 | 133.16 | 134.66 | 136.24 | 74.22 | 76.89 | 77.08 | 77.23 |
| γ 21.0 | 127.23 | 124.76 | 119.74 | 113.40 | 112.09 | 111.22 | 112.14 | 113.54 | 64.07 | 66.25 | 66.16 | 66.10 |
| γ 22.0 | 107.55 | 105.65 | 101.41 | 96.21 | 95.10 | 94.33 | 94.89 | 95.95 | 55.71 | 57.54 | 57.30 | 57.16 |
| γ 23.0 | 92.10 | 90.64 | 87.00 | 82.72 | 81.77 | 81.20 | 81.39 | 82.19 | 48.82 | 50.34 | 50.04 | 49.76 |
| γ 24.0 | 79.72 | 78.65 | 75.54 | 71.93 | 71.12 | 70.63 | 70.61 | 71.19 | 43.04 | 44.32 | 43.99 | 43.68 |
| γ 25.0 | 69.73 | 68.91 | 66.17 | 63.09 | 62.41 | 61.98 | 61.74 | 62.17 | 38.11 | 39.16 | 38.89 | 38.56 |
| γ 26.0 | 61.38 | 60.79 | 58.37 | 55.78 | 55.19 | 54.74 | 54.43 | 54.81 | 33.94 | 34.70 | 34.47 | 34.17 |
| γ 27.0 | 54.40 | 53.93 | 51.91 | 49.64 | 49.08 | 48.67 | 48.36 | 48.65 | 30.25 | 30.83 | 30.65 | 30.41 |
| γ 28.0 | 48.49 | 48.08 | 46.37 | 44.40 | 43.89 | 43.53 | 43.17 | 43.42 | 27.06 | 27.50 | 27.34 | 27.10 |
| γ 29.0 | 43.39 | 42.99 | 41.56 | 39.91 | 39.39 | 39.03 | 38.74 | 38.93 | 24.25 | 24.58 | 24.46 | 24.25 |
| γ 30.0 | 38.91 | 38.53 | 37.37 | 35.93 | 35.45 | 35.15 | 34.91 | 35.04 | 21.75 | 21.97 | 21.89 | 21.78 |
| γ 31.0 | 35.04 | 34.59 | 33.62 | 32.44 | 31.98 | 31.73 | 31.55 | 31.66 | 19.49 | 19.67 | 19.57 | 19.58 |
| γ 32.0 | 31.71 | 31.19 | 30.37 | 29.39 | 28.94 | 28.70 | 28.65 | 28.71 | 17.40 | 17.57 | 17.50 | 17.60 |
| γ 33.0 | 28.78 | 28.23 | 27.54 | 26.69 | 26.29 | 26.12 | 26.09 | 26.11 | 15.45 | 15.57 | 15.55 | 15.75 |
| γ 34.0 | 26.22 | 25.61 | 25.01 | 24.25 | 23.94 | 23.76 | 23.79 | 23.78 | 13.60 | 13.69 | 13.73 | 13.96 |
| γ 35.0 | 23.95 | 23.28 | 22.72 | 22.06 | 21.77 | 21.64 | 21.69 | 21.68 | 11.79 | 11.91 | 12.03 | 12.26 |
| γ 36.0 | 21.87 | 21.18 | 20.67 | 20.02 | 19.78 | 19.67 | 19.73 | 19.72 | 10.09 | 10.18 | 10.42 | 10.63 |
| γ 37.0 | 19.93 | 19.25 | 18.68 | 18.10 | 17.90 | 17.87 | 17.91 | 17.84 | 8.48 | 8.53 | 8.86 | 9.05 |
| γ 38.0 | 18.14 | 17.42 | 16.84 | 16.26 | 16.11 | 16.14 | 16.16 | 16.04 | 6.88 | 6.99 | 7.31 | 7.50 |
| γ 39.0 | 16.39 | 15.68 | 15.10 | 14.51 | 14.43 | 14.44 | 14.48 | 14.30 | 5.52 | 5.59 | 5.94 | 6.05 |
| γ 40.0 | 14.73 | 14.00 | 13.44 | 12.84 | 12.81 | 12.83 | 12.86 | 12.66 | 4.26 | 4.36 | 4.70 | 4.78 |
| γ 41.0 | 13.14 | 12.35 | 11.78 | 11.21 | 11.20 | 11.26 | 11.24 | 11.06 | 3.13 | 3.31 | 3.57 | 3.64 |
| γ 42.0 | 11.39 | 10.71 | 10.10 | 9.61 | 9.69 | 9.70 | 9.72 | 9.56 | 2.25 | 2.47 | 2.58 | 2.67 |
| γ 43.0 | 9.86 | 9.27 | 8.68 | 8.24 | 8.37 | 8.35 | 8.38 | 8.26 | 1.59 | 1.81 | 1.79 | 1.92 |
| γ 44.0 | 8.60 | 8.10 | 7.50 | 7.10 | 7.26 | 7.26 | 7.26 | 7.14 | 1.12 | 1.25 | 1.14 | 1.27 |
| γ 45.0 | 7.51 | 7.10 | 6.56 | 6.17 | 6.39 | 6.34 | 6.37 | 6.32 | 0.68 | 0.73 | 0.62 | 0.70 |
| γ 46.0 | 6.63 | 6.25 | 5.78 | 5.46 | 5.69 | 5.67 | 5.66 | 5.64 | 0.32 | 0.29 | 0.23 | 0.31 |

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Candela Tabulation - (Cont.)

| V/H | C0. 0 | C22. 5 | C45. 0 | C67. 5 | C90. 0 | C112. 5 | C135. 0 | C157. 5 | C180. 0 | C202. 5 | C225. 0 | C247. 5 |
|---------|-------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| γ 47. 0 | 5.90 | 5.56 | 5.16 | 4.91 | 5.09 | 5.06 | 5.04 | 5.05 | 0.00 | 0.00 | 0.00 | 0.05 |
| γ 48. 0 | 5.26 | 4.94 | 4.65 | 4.48 | 4.56 | 4.52 | 4.52 | 4.56 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 49. 0 | 4.75 | 4.38 | 4.19 | 4.09 | 4.13 | 4.12 | 4.13 | 4.13 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 50. 0 | 4.35 | 3.97 | 3.87 | 3.81 | 3.82 | 3.81 | 3.83 | 3.86 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 51. 0 | 4.03 | 3.69 | 3.63 | 3.58 | 3.60 | 3.61 | 3.59 | 3.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 52. 0 | 3.77 | 3.45 | 3.40 | 3.36 | 3.40 | 3.40 | 3.39 | 3.44 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 53. 0 | 3.53 | 3.25 | 3.19 | 3.17 | 3.19 | 3.19 | 3.18 | 3.24 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 54. 0 | 3.35 | 3.04 | 3.01 | 2.95 | 3.00 | 2.98 | 2.97 | 3.05 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 55. 0 | 3.13 | 2.85 | 2.79 | 2.79 | 2.81 | 2.81 | 2.81 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 56. 0 | 2.95 | 2.67 | 2.63 | 2.65 | 2.63 | 2.65 | 2.67 | 2.69 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 57. 0 | 2.80 | 2.51 | 2.48 | 2.47 | 2.48 | 2.49 | 2.51 | 2.54 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 58. 0 | 2.66 | 2.36 | 2.35 | 2.33 | 2.34 | 2.34 | 2.35 | 2.40 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 59. 0 | 2.49 | 2.22 | 2.20 | 2.17 | 2.20 | 2.20 | 2.22 | 2.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 60. 0 | 2.33 | 2.09 | 2.06 | 2.02 | 2.05 | 2.05 | 2.09 | 2.13 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 61. 0 | 2.21 | 1.93 | 1.93 | 1.93 | 1.92 | 1.95 | 1.95 | 1.98 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 62. 0 | 2.05 | 1.81 | 1.79 | 1.80 | 1.81 | 1.82 | 1.85 | 1.86 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 63. 0 | 1.92 | 1.68 | 1.67 | 1.67 | 1.68 | 1.68 | 1.75 | 1.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 64. 0 | 1.82 | 1.55 | 1.55 | 1.58 | 1.58 | 1.58 | 1.65 | 1.66 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 65. 0 | 1.71 | 1.46 | 1.46 | 1.47 | 1.49 | 1.51 | 1.55 | 1.58 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 66. 0 | 1.61 | 1.38 | 1.38 | 1.39 | 1.39 | 1.41 | 1.45 | 1.51 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 67. 0 | 1.52 | 1.29 | 1.26 | 1.32 | 1.31 | 1.34 | 1.37 | 1.42 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 68. 0 | 1.45 | 1.20 | 1.20 | 1.23 | 1.24 | 1.26 | 1.30 | 1.32 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 69. 0 | 1.36 | 1.14 | 1.15 | 1.14 | 1.17 | 1.16 | 1.20 | 1.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 70. 0 | 1.30 | 1.06 | 1.05 | 1.09 | 1.09 | 1.10 | 1.12 | 1.15 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 71. 0 | 1.22 | 0.99 | 0.95 | 1.02 | 1.03 | 1.04 | 1.05 | 1.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 72. 0 | 1.13 | 0.92 | 0.89 | 0.94 | 0.96 | 0.95 | 0.98 | 1.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 73. 0 | 1.06 | 0.85 | 0.83 | 0.88 | 0.90 | 0.90 | 0.92 | 0.97 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 74. 0 | 1.00 | 0.79 | 0.76 | 0.83 | 0.84 | 0.83 | 0.87 | 0.91 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 75. 0 | 0.92 | 0.73 | 0.73 | 0.76 | 0.79 | 0.80 | 0.82 | 0.84 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 76. 0 | 0.86 | 0.66 | 0.68 | 0.70 | 0.72 | 0.76 | 0.75 | 0.80 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 77. 0 | 0.79 | 0.60 | 0.65 | 0.66 | 0.66 | 0.68 | 0.68 | 0.73 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 78. 0 | 0.73 | 0.55 | 0.59 | 0.62 | 0.61 | 0.65 | 0.62 | 0.67 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 79. 0 | 0.66 | 0.50 | 0.54 | 0.58 | 0.57 | 0.57 | 0.55 | 0.62 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 80. 0 | 0.65 | 0.46 | 0.49 | 0.50 | 0.51 | 0.51 | 0.52 | 0.57 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 81. 0 | 0.59 | 0.42 | 0.46 | 0.46 | 0.46 | 0.45 | 0.49 | 0.52 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 82. 0 | 0.53 | 0.35 | 0.38 | 0.40 | 0.42 | 0.44 | 0.45 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 83. 0 | 0.49 | 0.30 | 0.32 | 0.38 | 0.39 | 0.38 | 0.43 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 84. 0 | 0.47 | 0.27 | 0.29 | 0.37 | 0.34 | 0.34 | 0.40 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 85. 0 | 0.40 | 0.24 | 0.27 | 0.29 | 0.29 | 0.28 | 0.34 | 0.36 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 86. 0 | 0.36 | 0.20 | 0.23 | 0.26 | 0.25 | 0.23 | 0.31 | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 87. 0 | 0.33 | 0.16 | 0.19 | 0.21 | 0.23 | 0.22 | 0.27 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 88. 0 | 0.26 | 0.12 | 0.15 | 0.17 | 0.18 | 0.15 | 0.23 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 89. 0 | 0.23 | 0.07 | 0.12 | 0.15 | 0.14 | 0.14 | 0.18 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 90. 0 | 0.19 | 0.05 | 0.06 | 0.10 | 0.11 | 0.13 | 0.14 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 91. 0 | 0.16 | 0.03 | 0.03 | 0.05 | 0.08 | 0.06 | 0.12 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 92. 0 | 0.11 | 0.00 | 0.03 | 0.04 | 0.03 | 0.06 | 0.08 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 93. 0 | 0.07 | 0.00 | 0.00 | 0.03 | 0.00 | 0.02 | 0.03 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 |

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IES Indoor Report

Photometric Filename:AD11180-6W-1201E1-3090-ZHT25-15D-YGE-150mA.IES

Candela Tabulation - (Cont.)

| V/H | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 | C225.0 | C247.5 |
|---------|------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| γ 94.0 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 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 | 0.01 | 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 |

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IES Indoor Report

Photometric Filename:AD11180-6W-1201E1-3090-ZHT25-15D-YGE-150mA.IES

Candela Tabulation - (Cont.)

| V/H | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 | C225.0 | C247.5 |
|---------|---------|---------|---------|---------|-------|--------|--------|--------|--------|--------|--------|--------|
| 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 | 0.01 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 167.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 168.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 169.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 170.0 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 171.0 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 172.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 173.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 174.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.04 | 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 | 0.04 | 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 |
| V/H | C270.0 | C292.5 | C315.0 | C337.5 | | | | | | | | |
| γ 0.0 | 1469.74 | 1469.74 | 1469.74 | 1469.74 | | | | | | | | |
| γ 1.0 | 1427.81 | 1431.31 | 1427.21 | 1426.13 | | | | | | | | |
| γ 2.0 | 1372.04 | 1376.41 | 1372.66 | 1370.83 | | | | | | | | |
| γ 3.0 | 1302.67 | 1308.56 | 1304.59 | 1301.76 | | | | | | | | |
| γ 4.0 | 1221.32 | 1229.01 | 1223.94 | 1219.89 | | | | | | | | |
| γ 5.0 | 1128.12 | 1138.48 | 1130.98 | 1124.95 | | | | | | | | |

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IES Indoor Report

Photometric Filename:AD11180-6W-1201E1-3090-ZHT25-15D-YGE-150mA.IES

Candela Tabulation - (Cont.)

| V/H | C270. 0 | C292. 5 | C315. 0 | C337. 5 |
|---------|----------|----------|----------|----------|
| γ 6. 0 | 1024. 26 | 1036. 04 | 1026. 66 | 1018. 13 |
| γ 7. 0 | 912. 65 | 925. 30 | 912. 89 | 902. 63 |
| γ 8. 0 | 796. 23 | 807. 74 | 793. 15 | 780. 41 |
| γ 9. 0 | 680. 35 | 687. 99 | 672. 54 | 657. 98 |
| γ 10. 0 | 570. 35 | 574. 43 | 557. 62 | 542. 67 |
| γ 11. 0 | 470. 37 | 470. 63 | 454. 08 | 439. 36 |
| γ 12. 0 | 383. 40 | 380. 51 | 365. 11 | 351. 54 |
| γ 13. 0 | 310. 01 | 305. 67 | 291. 62 | 279. 92 |
| γ 14. 0 | 249. 44 | 244. 75 | 232. 64 | 223. 08 |
| γ 15. 0 | 200. 74 | 196. 33 | 186. 29 | 178. 94 |
| γ 16. 0 | 162. 33 | 158. 64 | 150. 58 | 144. 85 |
| γ 17. 0 | 132. 53 | 129. 48 | 123. 17 | 118. 85 |
| γ 18. 0 | 109. 41 | 107. 18 | 102. 06 | 98. 77 |
| γ 19. 0 | 91. 59 | 90. 03 | 85. 85 | 83. 29 |
| γ 20. 0 | 77. 73 | 76. 67 | 73. 15 | 71. 13 |
| γ 21. 0 | 66. 63 | 65. 97 | 62. 92 | 61. 39 |
| γ 22. 0 | 57. 64 | 57. 26 | 54. 66 | 53. 45 |
| γ 23. 0 | 50. 27 | 50. 04 | 47. 86 | 46. 88 |
| γ 24. 0 | 44. 14 | 44. 05 | 42. 21 | 41. 41 |
| γ 25. 0 | 38. 94 | 38. 99 | 37. 44 | 36. 76 |
| γ 26. 0 | 34. 44 | 34. 54 | 33. 29 | 32. 75 |
| γ 27. 0 | 30. 55 | 30. 64 | 29. 70 | 29. 28 |
| γ 28. 0 | 27. 24 | 27. 30 | 26. 59 | 26. 32 |
| γ 29. 0 | 24. 36 | 24. 38 | 23. 85 | 23. 71 |
| γ 30. 0 | 21. 82 | 21. 77 | 21. 46 | 21. 40 |
| γ 31. 0 | 19. 58 | 19. 55 | 19. 34 | 19. 36 |
| γ 32. 0 | 17. 54 | 17. 45 | 17. 40 | 17. 47 |
| γ 33. 0 | 15. 69 | 15. 59 | 15. 58 | 15. 72 |
| γ 34. 0 | 13. 97 | 13. 82 | 13. 88 | 14. 08 |
| γ 35. 0 | 12. 31 | 12. 13 | 12. 23 | 12. 45 |
| γ 36. 0 | 10. 70 | 10. 53 | 10. 60 | 10. 87 |
| γ 37. 0 | 9. 17 | 8. 99 | 9. 04 | 9. 37 |
| γ 38. 0 | 7. 65 | 7. 52 | 7. 49 | 7. 85 |
| γ 39. 0 | 6. 23 | 6. 02 | 6. 02 | 6. 39 |
| γ 40. 0 | 4. 95 | 4. 74 | 4. 72 | 5. 12 |
| γ 41. 0 | 3. 78 | 3. 58 | 3. 57 | 4. 02 |
| γ 42. 0 | 2. 80 | 2. 53 | 2. 61 | 3. 05 |
| γ 43. 0 | 2. 01 | 1. 82 | 1. 88 | 2. 25 |
| γ 44. 0 | 1. 34 | 1. 25 | 1. 33 | 1. 55 |
| γ 45. 0 | 0. 78 | 0. 78 | 0. 85 | 0. 95 |
| γ 46. 0 | 0. 38 | 0. 42 | 0. 43 | 0. 45 |
| γ 47. 0 | 0. 08 | 0. 11 | 0. 14 | 0. 13 |
| γ 48. 0 | 0. 00 | 0. 00 | 0. 00 | 0. 00 |
| γ 49. 0 | 0. 00 | 0. 00 | 0. 00 | 0. 00 |
| γ 50. 0 | 0. 00 | 0. 00 | 0. 00 | 0. 00 |
| γ 51. 0 | 0. 00 | 0. 00 | 0. 00 | 0. 00 |
| γ 52. 0 | 0. 00 | 0. 00 | 0. 00 | 0. 00 |

IES Indoor Report

Photometric Filename:AD11180-6W-1201E1-3090-ZHT25-15D-YGE-150mA.IES

Candela Tabulation - (Cont.)

| V/H | C270.0 | C292.5 | C315.0 | C337.5 |
|--------|--------|--------|--------|--------|
| γ 53.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 54.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 55.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 56.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 57.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 58.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 59.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 60.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 61.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 62.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 63.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 64.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 65.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 66.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 67.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 68.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 69.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 70.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 71.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 72.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 73.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 74.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 75.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 76.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 77.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 78.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 79.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 80.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 81.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 82.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 83.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 84.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 85.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 86.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 87.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 88.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 89.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 90.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 91.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 92.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 93.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 94.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 95.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 96.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 97.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 98.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 99.0 | 0.00 | 0.00 | 0.00 | 0.00 |

IES Indoor Report

Photometric Filename:AD11180-6W-1201E1-3090-ZHT25-15D-YGE-150mA.IES

Candela Tabulation - (Cont.)

| V/H | C270.0 | C292.5 | C315.0 | C337.5 |
|---------|--------|--------|--------|--------|
| γ 100.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 101.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 102.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 103.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 104.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 105.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 106.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 107.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 108.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 109.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 110.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 111.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 112.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 113.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 114.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 115.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 116.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 117.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 118.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 119.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 120.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 121.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 122.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 123.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 124.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 125.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 126.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 127.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 128.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 129.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 130.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 131.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 132.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 133.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 134.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 135.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 136.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 137.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 138.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 139.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 140.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 141.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 142.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 143.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 144.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 145.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 146.0 | 0.00 | 0.00 | 0.00 | 0.00 |

IES Indoor Report

Photometric Filename:AD11180-6W-1201E1-3090-ZHT25-15D-YGE-150mA.IES

Candela Tabulation - (Cont.)

| V/H | C270.0 | C292.5 | C315.0 | C337.5 |
|---------|--------|--------|--------|--------|
| γ 147.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 148.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 149.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 150.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 151.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 152.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 153.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 154.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 155.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 156.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 157.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 158.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 159.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 160.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 161.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 162.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 163.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 164.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 165.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 166.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 167.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 168.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 169.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 170.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 171.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 172.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 173.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 174.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 175.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 176.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 177.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 178.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 179.0 | 0.00 | 0.00 | 0.00 | 0.00 |
| γ 180.0 | 0.00 | 0.00 | 0.00 | 0.00 |