

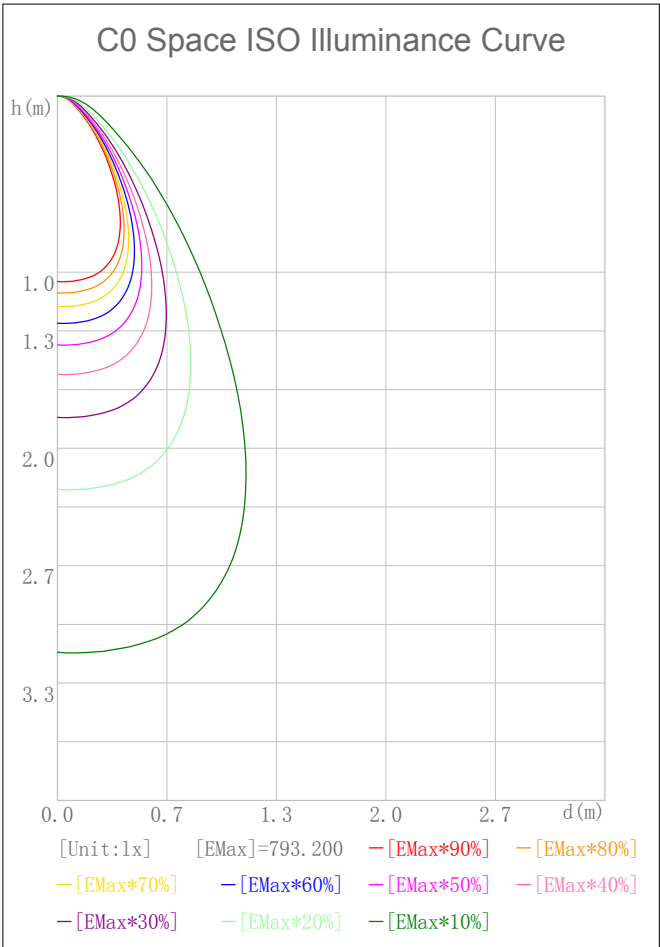
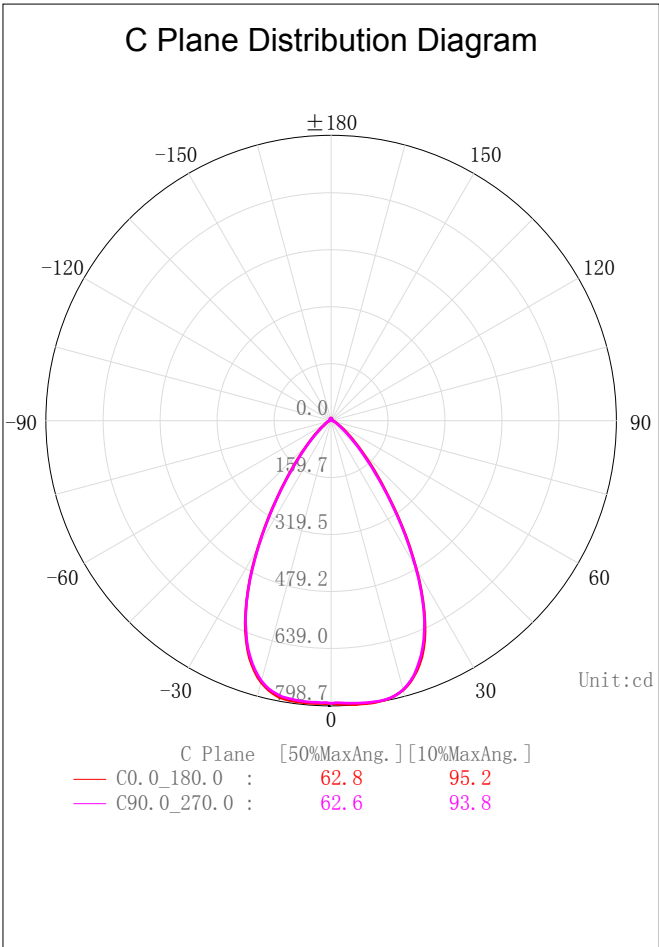
Indoor Luminaire Photometric Data

Description Information

| | | |
|-------------------------------------------------|-------------------------|-----------------------|
| Luminary Name: MD10-13-SL-03 2700K RA97 60D | Lum. Catalog: | Test ID: 01 |
| Lamp Name: | Lamp Catalog: LED | Test Date: 2020/01/02 |
| Manufacture: Shenzhen Norming Lighting Co., Ltd | Shld.Ang(°): | Test Machine:GON-2000 |
| Test Lab: QUality peatment | Frequency (Hz): | Lamp CCT(K): Ra: |
| Lum. Size (W*L*H): 0.498m*0.498m*0.650m | Lum. Area (m2): 0.572 | Lum. W (kg): 0.000 |
| Test System: C, γ | Test Step: C=90.0 γ=1.0 | Temp. (°C): 25 |
| | | Humidity(%): |

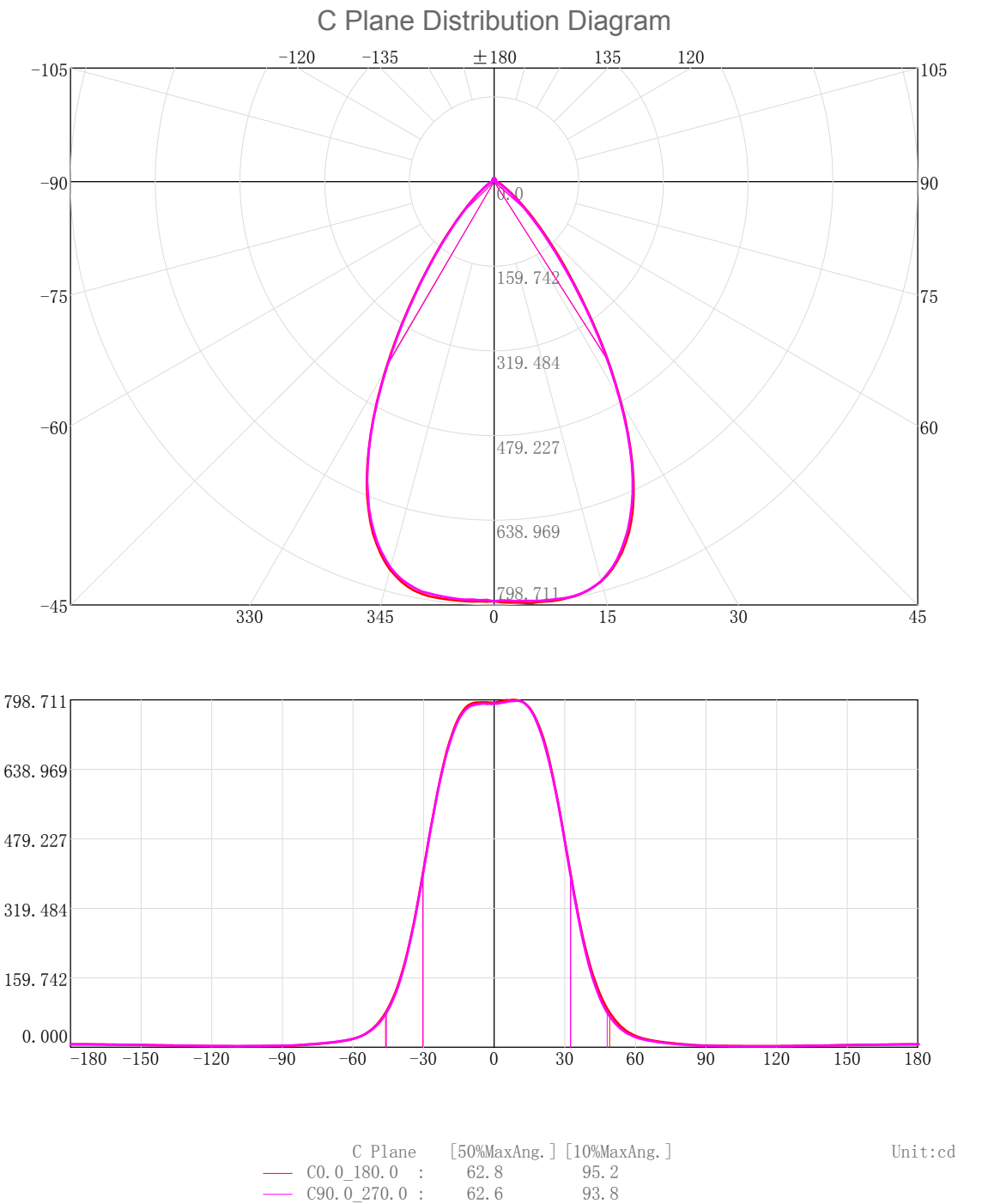
Character Parameter

| Lamp Speciality Parameter | Luminaire Speciality Parameter | |
|-------------------------------------------|--------------------------------|---------------------------------------|
| Rated Flux(lm): 908.740 | Luminary Flux(lm): 908.738 | Field Angle(10%Imax): 95.2(°) |
| Rated Power(W): | Luminary Efficiency: 100.00% | Down Lumens&Percent: 885.344lm 97.43% |
| Rated Voltage(V): | Luminary EER(lm/W): 70.281 | Up Lumens&Percent: 23.394lm 2.57% |
| Tested Power(W): 12.930 | Max. Candela(cd): 798.711 | S/MH: C0_a180=0.994 C90_270=0.992 |
| Lamps' Inside: 1 | Max Cand@Ang. (°): C=0.0 γ=8.0 | CIE Type: Semi-Direct |
| Tested Electrics (V, A, pf): 240.3, 0.056 | Beam Angle(50%Imax): 62.8(°) | ErP ϕ use(90°): 789.748lm |
| Lamp Size (W*L*H): 0.498m*0.498m*0.650m | Left=-30.3°, Right=32.5° | IRF(%): 194.607 |



2D Plane Light Intensity Distribution Curve

| | | |
|------------------------------------------------|-----------------------|---------------------------|
| Lum. Name:MD10-13-SL-03 2700K RA97 60D | Lum. Catalog: | Test ID:01 |
| Lamp Name: | Lamp Catalog:LED | Test Lab:Quality peatment |
| Manufacture:Shenzhen Norming Lighting Co., Ltd | Test Machine:GON-2000 | Test Date:2020/01/02 |



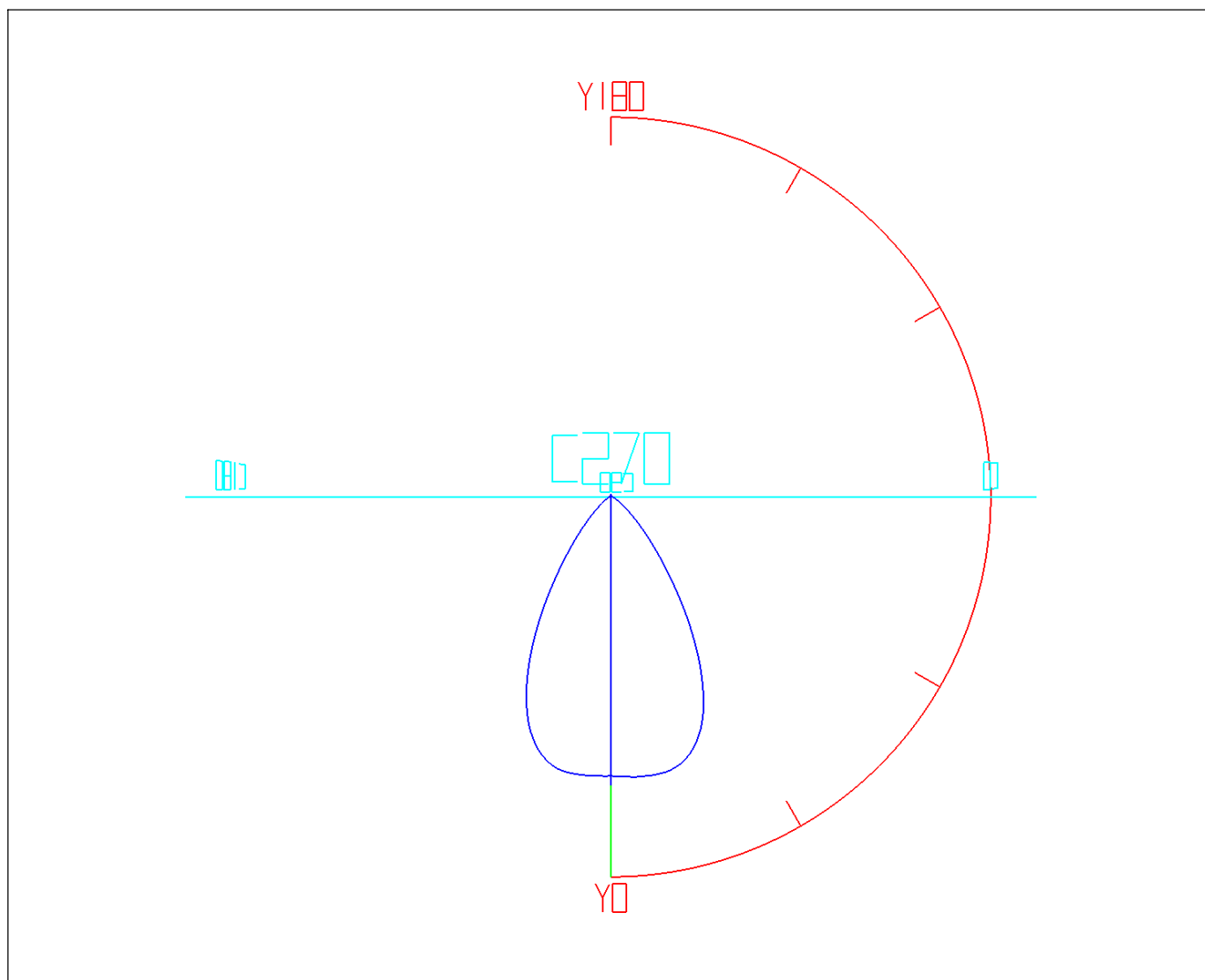
IES Indoor Report

Photometric Filename:MD10-13-SL-03 2700K RA97 60D.IES

3D Light Intensity Distribution Modal

| | | |
|-------------------------------------------------|-----------------------|----------------------------|
| Lum. Name: MD10-13-SL-03 2700K RA97 60D | Lum. Catalog: | Test ID: 01 |
| Lamp Name: | Lamp Catalog: LED | Test Lab: Quality peatment |
| Manufacture: Shenzhen Norming Lighting Co., Ltd | Test Machine:GON-2000 | Test Date: 2020/01/02 |

3D Light Intensity Distribution Modal



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

Zonal Flux Tabulation

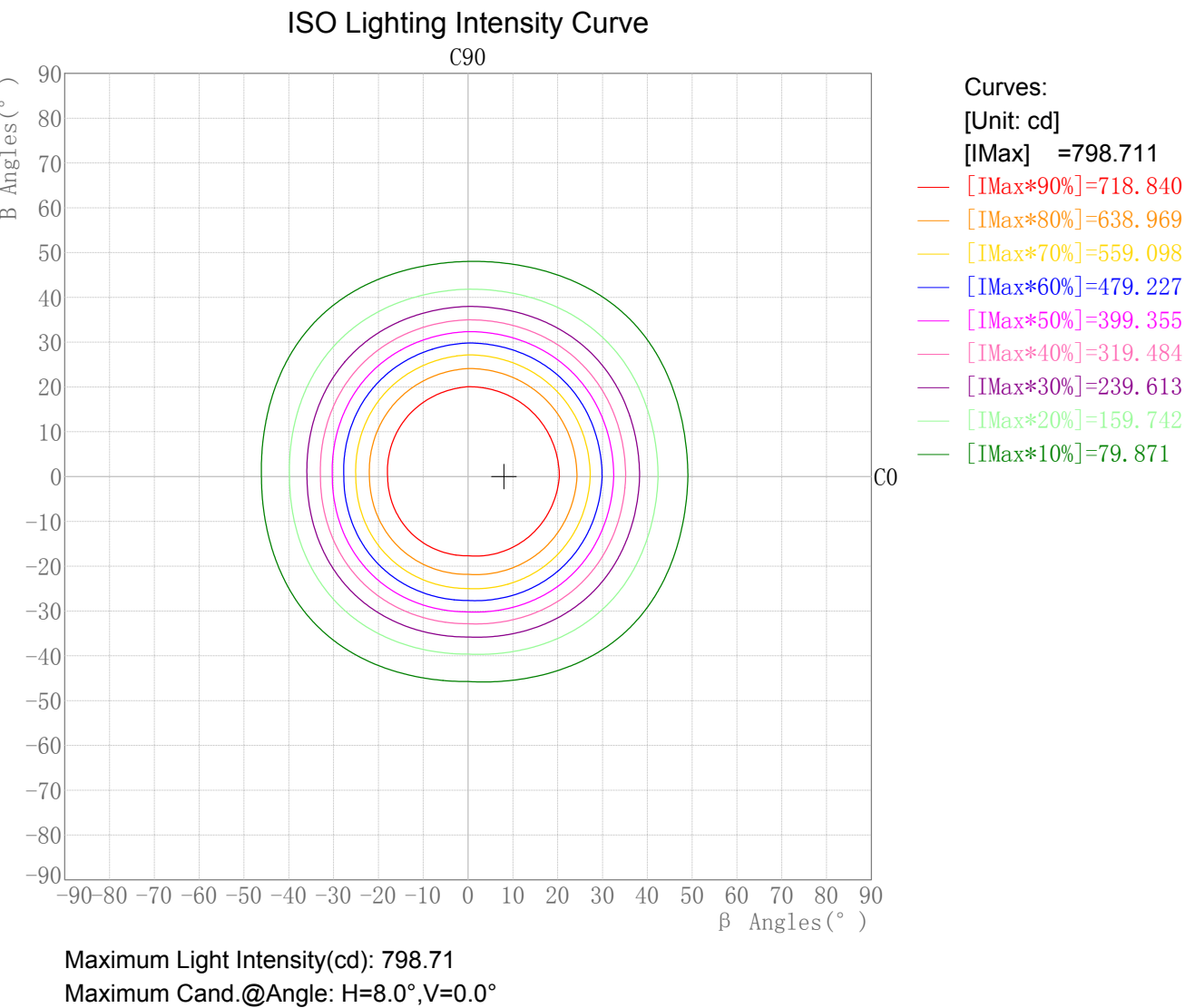
| Zone(γ) | Zone Flux (lm) | Sums Flux (lm) | Zone%Lamp | Sums%Lamp | Zone(γ) | Zone Flux (lm) | Sums Flux (lm) | Zone%Lamp | Sums%Lamp |
|-----------|-------------------|-------------------|-----------|-----------|-----------|-------------------|-------------------|-----------|-----------|
| 0.0-1.0 | 0.76 | 0.76 | 0.08 | 0.08 | 47.0-48.0 | 6.33 | 810.92 | 0.70 | 89.24 |
| 1.0-2.0 | 2.27 | 3.03 | 0.25 | 0.33 | 48.0-49.0 | 5.76 | 816.68 | 0.63 | 89.87 |
| 2.0-3.0 | 3.79 | 6.82 | 0.42 | 0.75 | 49.0-50.0 | 5.24 | 821.93 | 0.58 | 90.45 |
| 3.0-4.0 | 5.31 | 12.13 | 0.58 | 1.33 | 50.0-51.0 | 4.78 | 826.71 | 0.53 | 90.97 |
| 4.0-5.0 | 6.83 | 18.95 | 0.75 | 2.09 | 51.0-52.0 | 4.35 | 831.05 | 0.48 | 91.45 |
| 5.0-6.0 | 8.34 | 27.29 | 0.92 | 3.00 | 52.0-53.0 | 3.96 | 835.01 | 0.44 | 91.89 |
| 6.0-7.0 | 9.85 | 37.15 | 1.08 | 4.09 | 53.0-54.0 | 3.61 | 838.62 | 0.40 | 92.28 |
| 7.0-8.0 | 11.36 | 48.51 | 1.25 | 5.34 | 54.0-55.0 | 3.30 | 841.92 | 0.36 | 92.65 |
| 8.0-9.0 | 12.86 | 61.36 | 1.41 | 6.75 | 55.0-56.0 | 3.02 | 844.94 | 0.33 | 92.98 |
| 9.0-10.0 | 14.34 | 75.71 | 1.58 | 8.33 | 56.0-57.0 | 2.77 | 847.71 | 0.30 | 93.28 |
| 10.0-11.0 | 15.81 | 91.52 | 1.74 | 10.07 | 57.0-58.0 | 2.55 | 850.26 | 0.28 | 93.56 |
| 11.0-12.0 | 17.23 | 108.75 | 1.90 | 11.97 | 58.0-59.0 | 2.36 | 852.62 | 0.26 | 93.82 |
| 12.0-13.0 | 18.61 | 127.36 | 2.05 | 14.01 | 59.0-60.0 | 2.19 | 854.81 | 0.24 | 94.07 |
| 13.0-14.0 | 19.93 | 147.29 | 2.19 | 16.21 | 60.0-61.0 | 2.04 | 856.85 | 0.23 | 94.29 |
| 14.0-15.0 | 21.19 | 168.48 | 2.33 | 18.54 | 61.0-62.0 | 1.92 | 858.77 | 0.21 | 94.50 |
| 15.0-16.0 | 22.36 | 190.84 | 2.46 | 21.00 | 62.0-63.0 | 1.80 | 860.57 | 0.20 | 94.70 |
| 16.0-17.0 | 23.43 | 214.27 | 2.58 | 23.58 | 63.0-64.0 | 1.70 | 862.27 | 0.19 | 94.89 |
| 17.0-18.0 | 24.40 | 238.68 | 2.69 | 26.26 | 64.0-65.0 | 1.60 | 863.87 | 0.18 | 95.06 |
| 18.0-19.0 | 25.26 | 263.93 | 2.78 | 29.04 | 65.0-66.0 | 1.52 | 865.39 | 0.17 | 95.23 |
| 19.0-20.0 | 25.99 | 289.92 | 2.86 | 31.90 | 66.0-67.0 | 1.44 | 866.83 | 0.16 | 95.39 |
| 20.0-21.0 | 26.59 | 316.51 | 2.93 | 34.83 | 67.0-68.0 | 1.37 | 868.20 | 0.15 | 95.54 |
| 21.0-22.0 | 27.03 | 343.54 | 2.97 | 37.80 | 68.0-69.0 | 1.30 | 869.49 | 0.14 | 95.68 |
| 22.0-23.0 | 27.33 | 370.87 | 3.01 | 40.81 | 69.0-70.0 | 1.23 | 870.73 | 0.14 | 95.82 |
| 23.0-24.0 | 27.46 | 398.33 | 3.02 | 43.83 | 70.0-71.0 | 1.17 | 871.90 | 0.13 | 95.95 |
| 24.0-25.0 | 27.41 | 425.74 | 3.02 | 46.85 | 71.0-72.0 | 1.11 | 873.02 | 0.12 | 96.07 |
| 25.0-26.0 | 27.19 | 452.92 | 2.99 | 49.84 | 72.0-73.0 | 1.06 | 874.08 | 0.12 | 96.19 |
| 26.0-27.0 | 26.79 | 479.71 | 2.95 | 52.79 | 73.0-74.0 | 1.01 | 875.08 | 0.11 | 96.30 |
| 27.0-28.0 | 26.22 | 505.93 | 2.89 | 55.67 | 74.0-75.0 | 0.95 | 876.04 | 0.10 | 96.40 |
| 28.0-29.0 | 25.50 | 531.44 | 2.81 | 58.48 | 75.0-76.0 | 0.90 | 876.94 | 0.10 | 96.50 |
| 29.0-30.0 | 24.65 | 556.08 | 2.71 | 61.19 | 76.0-77.0 | 0.86 | 877.80 | 0.09 | 96.59 |
| 30.0-31.0 | 23.67 | 579.75 | 2.60 | 63.80 | 77.0-78.0 | 0.81 | 878.61 | 0.09 | 96.68 |
| 31.0-32.0 | 22.59 | 602.34 | 2.49 | 66.28 | 78.0-79.0 | 0.77 | 879.37 | 0.08 | 96.77 |
| 32.0-33.0 | 21.45 | 623.79 | 2.36 | 68.64 | 79.0-80.0 | 0.72 | 880.10 | 0.08 | 96.85 |
| 33.0-34.0 | 20.23 | 644.02 | 2.23 | 70.87 | 80.0-81.0 | 0.68 | 880.78 | 0.08 | 96.92 |
| 34.0-35.0 | 18.97 | 662.98 | 2.09 | 72.96 | 81.0-82.0 | 0.64 | 881.42 | 0.07 | 96.99 |
| 35.0-36.0 | 17.71 | 680.69 | 1.95 | 74.90 | 82.0-83.0 | 0.60 | 882.02 | 0.07 | 97.06 |
| 36.0-37.0 | 16.47 | 697.16 | 1.81 | 76.72 | 83.0-84.0 | 0.56 | 882.58 | 0.06 | 97.12 |
| 37.0-38.0 | 15.26 | 712.42 | 1.68 | 78.40 | 84.0-85.0 | 0.52 | 883.11 | 0.06 | 97.18 |
| 38.0-39.0 | 14.11 | 726.53 | 1.55 | 79.95 | 85.0-86.0 | 0.49 | 883.60 | 0.05 | 97.23 |
| 39.0-40.0 | 13.01 | 739.54 | 1.43 | 81.38 | 86.0-87.0 | 0.46 | 884.06 | 0.05 | 97.28 |
| 40.0-41.0 | 11.96 | 751.50 | 1.32 | 82.70 | 87.0-88.0 | 0.44 | 884.51 | 0.05 | 97.33 |
| 41.0-42.0 | 10.96 | 762.47 | 1.21 | 83.90 | 88.0-89.0 | 0.42 | 884.93 | 0.05 | 97.38 |
| 42.0-43.0 | 10.03 | 772.50 | 1.10 | 85.01 | 89.0-90.0 | 0.41 | 885.34 | 0.05 | 97.43 |
| 43.0-44.0 | 9.16 | 781.66 | 1.01 | 86.02 | 90.0-91.0 | 0.40 | 885.74 | 0.04 | 97.47 |
| 44.0-45.0 | 8.36 | 790.02 | 0.92 | 86.94 | 91.0-92.0 | 0.39 | 886.14 | 0.04 | 97.51 |
| 45.0-46.0 | 7.62 | 797.65 | 0.84 | 87.78 | 92.0-93.0 | 0.38 | 886.52 | 0.04 | 97.55 |
| 46.0-47.0 | 6.95 | 804.60 | 0.76 | 88.54 | 93.0-94.0 | 0.37 | 886.89 | 0.04 | 97.60 |

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 | 0.36 | 887.26 | 0.04 | 97.64 | 141.0-142.0 | 0.31 | 901.30 | 0.03 | 99.18 |
| 95.0-96.0 | 0.36 | 887.61 | 0.04 | 97.68 | 142.0-143.0 | 0.31 | 901.60 | 0.03 | 99.21 |
| 96.0-97.0 | 0.35 | 887.96 | 0.04 | 97.71 | 143.0-144.0 | 0.31 | 901.91 | 0.03 | 99.25 |
| 97.0-98.0 | 0.34 | 888.30 | 0.04 | 97.75 | 144.0-145.0 | 0.30 | 902.21 | 0.03 | 99.28 |
| 98.0-99.0 | 0.33 | 888.63 | 0.04 | 97.79 | 145.0-146.0 | 0.30 | 902.52 | 0.03 | 99.32 |
| 99.0-100.0 | 0.33 | 888.96 | 0.04 | 97.82 | 146.0-147.0 | 0.30 | 902.82 | 0.03 | 99.35 |
| 100.0-101.0 | 0.32 | 889.28 | 0.04 | 97.86 | 147.0-148.0 | 0.30 | 903.11 | 0.03 | 99.38 |
| 101.0-102.0 | 0.31 | 889.60 | 0.03 | 97.89 | 148.0-149.0 | 0.29 | 903.41 | 0.03 | 99.41 |
| 102.0-103.0 | 0.31 | 889.91 | 0.03 | 97.93 | 149.0-150.0 | 0.29 | 903.70 | 0.03 | 99.45 |
| 103.0-104.0 | 0.30 | 890.21 | 0.03 | 97.96 | 150.0-151.0 | 0.29 | 903.98 | 0.03 | 99.48 |
| 104.0-105.0 | 0.30 | 890.51 | 0.03 | 97.99 | 151.0-152.0 | 0.28 | 904.27 | 0.03 | 99.51 |
| 105.0-106.0 | 0.30 | 890.81 | 0.03 | 98.03 | 152.0-153.0 | 0.28 | 904.54 | 0.03 | 99.54 |
| 106.0-107.0 | 0.29 | 891.10 | 0.03 | 98.06 | 153.0-154.0 | 0.27 | 904.81 | 0.03 | 99.57 |
| 107.0-108.0 | 0.29 | 891.39 | 0.03 | 98.09 | 154.0-155.0 | 0.26 | 905.08 | 0.03 | 99.60 |
| 108.0-109.0 | 0.29 | 891.67 | 0.03 | 98.12 | 155.0-156.0 | 0.26 | 905.34 | 0.03 | 99.63 |
| 109.0-110.0 | 0.28 | 891.95 | 0.03 | 98.15 | 156.0-157.0 | 0.25 | 905.59 | 0.03 | 99.65 |
| 110.0-111.0 | 0.28 | 892.24 | 0.03 | 98.18 | 157.0-158.0 | 0.24 | 905.83 | 0.03 | 99.68 |
| 111.0-112.0 | 0.28 | 892.51 | 0.03 | 98.21 | 158.0-159.0 | 0.24 | 906.07 | 0.03 | 99.71 |
| 112.0-113.0 | 0.28 | 892.79 | 0.03 | 98.25 | 159.0-160.0 | 0.23 | 906.30 | 0.03 | 99.73 |
| 113.0-114.0 | 0.28 | 893.07 | 0.03 | 98.28 | 160.0-161.0 | 0.22 | 906.52 | 0.02 | 99.76 |
| 114.0-115.0 | 0.28 | 893.34 | 0.03 | 98.31 | 161.0-162.0 | 0.21 | 906.73 | 0.02 | 99.78 |
| 115.0-116.0 | 0.28 | 893.62 | 0.03 | 98.34 | 162.0-163.0 | 0.20 | 906.94 | 0.02 | 99.80 |
| 116.0-117.0 | 0.28 | 893.90 | 0.03 | 98.37 | 163.0-164.0 | 0.19 | 907.13 | 0.02 | 99.82 |
| 117.0-118.0 | 0.28 | 894.17 | 0.03 | 98.40 | 164.0-165.0 | 0.19 | 907.32 | 0.02 | 99.84 |
| 118.0-119.0 | 0.28 | 894.45 | 0.03 | 98.43 | 165.0-166.0 | 0.18 | 907.49 | 0.02 | 99.86 |
| 119.0-120.0 | 0.28 | 894.73 | 0.03 | 98.46 | 166.0-167.0 | 0.17 | 907.66 | 0.02 | 99.88 |
| 120.0-121.0 | 0.28 | 895.01 | 0.03 | 98.49 | 167.0-168.0 | 0.15 | 907.81 | 0.02 | 99.90 |
| 121.0-122.0 | 0.28 | 895.29 | 0.03 | 98.52 | 168.0-169.0 | 0.14 | 907.95 | 0.02 | 99.91 |
| 122.0-123.0 | 0.28 | 895.57 | 0.03 | 98.55 | 169.0-170.0 | 0.13 | 908.09 | 0.01 | 99.93 |
| 123.0-124.0 | 0.28 | 895.86 | 0.03 | 98.58 | 170.0-171.0 | 0.12 | 908.21 | 0.01 | 99.94 |
| 124.0-125.0 | 0.29 | 896.15 | 0.03 | 98.61 | 171.0-172.0 | 0.11 | 908.32 | 0.01 | 99.95 |
| 125.0-126.0 | 0.29 | 896.43 | 0.03 | 98.65 | 172.0-173.0 | 0.10 | 908.41 | 0.01 | 99.96 |
| 126.0-127.0 | 0.29 | 896.73 | 0.03 | 98.68 | 173.0-174.0 | 0.08 | 908.50 | 0.01 | 99.97 |
| 127.0-128.0 | 0.29 | 897.02 | 0.03 | 98.71 | 174.0-175.0 | 0.07 | 908.57 | 0.01 | 99.98 |
| 128.0-129.0 | 0.30 | 897.32 | 0.03 | 98.74 | 175.0-176.0 | 0.06 | 908.63 | 0.01 | 99.99 |
| 129.0-130.0 | 0.30 | 897.61 | 0.03 | 98.78 | 176.0-177.0 | 0.05 | 908.68 | 0.01 | 99.99 |
| 130.0-131.0 | 0.30 | 897.91 | 0.03 | 98.81 | 177.0-178.0 | 0.03 | 908.71 | 0.00 | 100.00 |
| 131.0-132.0 | 0.30 | 898.22 | 0.03 | 98.84 | 178.0-179.0 | 0.02 | 908.73 | 0.00 | 100.00 |
| 132.0-133.0 | 0.30 | 898.52 | 0.03 | 98.88 | 179.0-180.0 | 0.01 | 908.74 | 0.00 | 100.00 |
| 133.0-134.0 | 0.31 | 898.82 | 0.03 | 98.91 | | | | | |
| 134.0-135.0 | 0.31 | 899.13 | 0.03 | 98.94 | | | | | |
| 135.0-136.0 | 0.31 | 899.44 | 0.03 | 98.98 | | | | | |
| 136.0-137.0 | 0.31 | 899.75 | 0.03 | 99.01 | | | | | |
| 137.0-138.0 | 0.31 | 900.06 | 0.03 | 99.04 | | | | | |
| 138.0-139.0 | 0.31 | 900.37 | 0.03 | 99.08 | | | | | |
| 139.0-140.0 | 0.31 | 900.68 | 0.03 | 99.11 | | | | | |
| 140.0-141.0 | 0.31 | 900.99 | 0.03 | 99.15 | | | | | |

Rectangle ISO Lighting Intensity Diagram

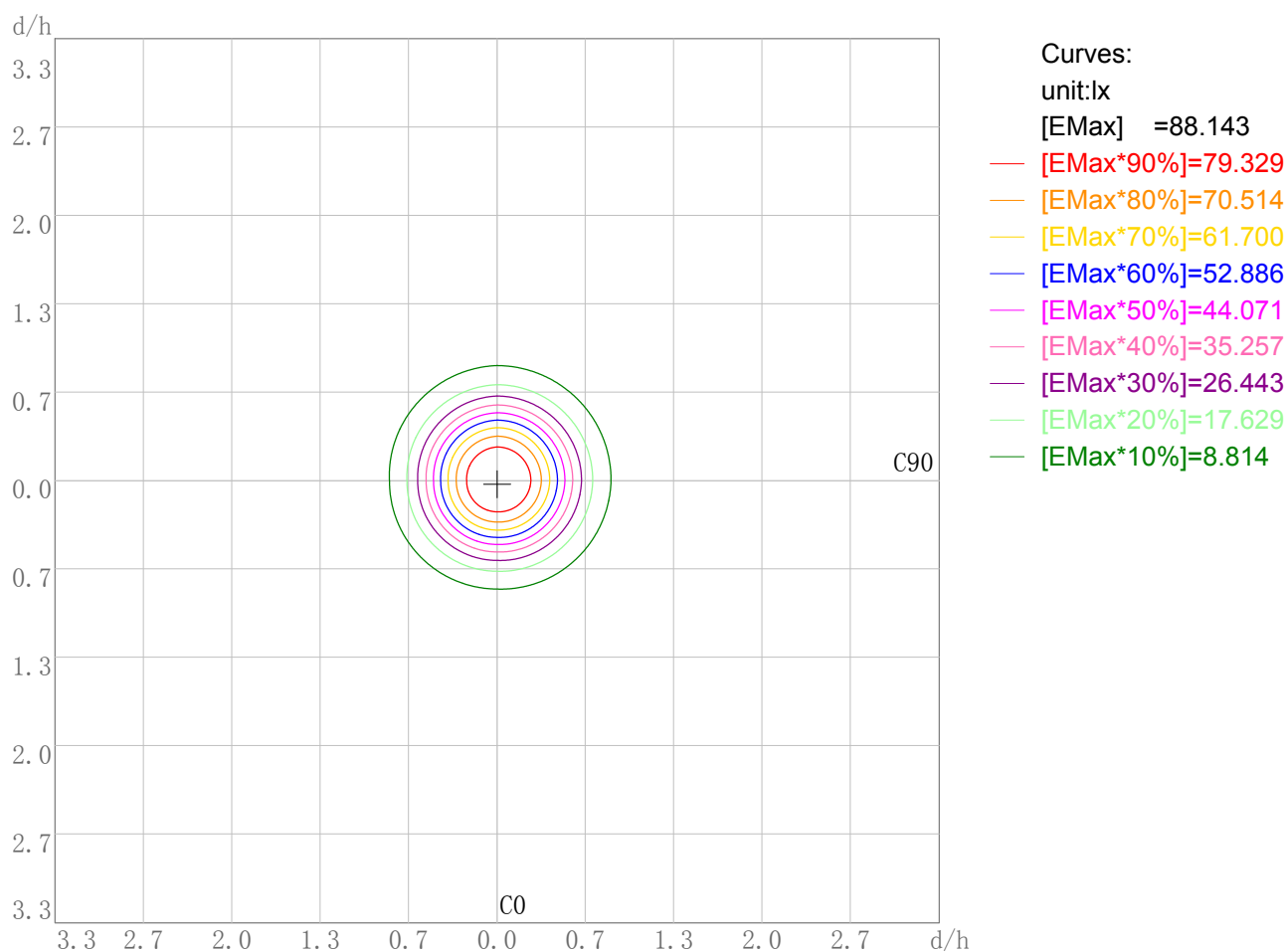
| | | |
|------------------------------------------------|-------------------------------|---------------------------|
| Lum. Name:MD10-13-SL-03 2700K RA97 60D | Lum. Catalog:Lum. Catalog:LED | Test ID:01 |
| Lamp Name: | Lamp Catalog:LED | Test Lab:Quality peatment |
| Manufacture:Shenzhen Norming Lighting Co., Ltd | Test Machine:GON-2000 | Test Date:2020/01/02 |



Plane ISO-Illuminance Diagram

| | | |
|-------------------------------------------------|-----------------------|----------------------------|
| Lum. Name: MD10-13-SL-03 2700K RA97 60D | Lum. Catalog: | Test ID: 01 |
| Lamp Name: | Lamp Catalog: LED | Test Lab: Quality peatment |
| Manufacture: Shenzhen Norming Lighting Co., Ltd | Test Machine:GON-2000 | Test Date: 2020/01/02 |

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 88.14

Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

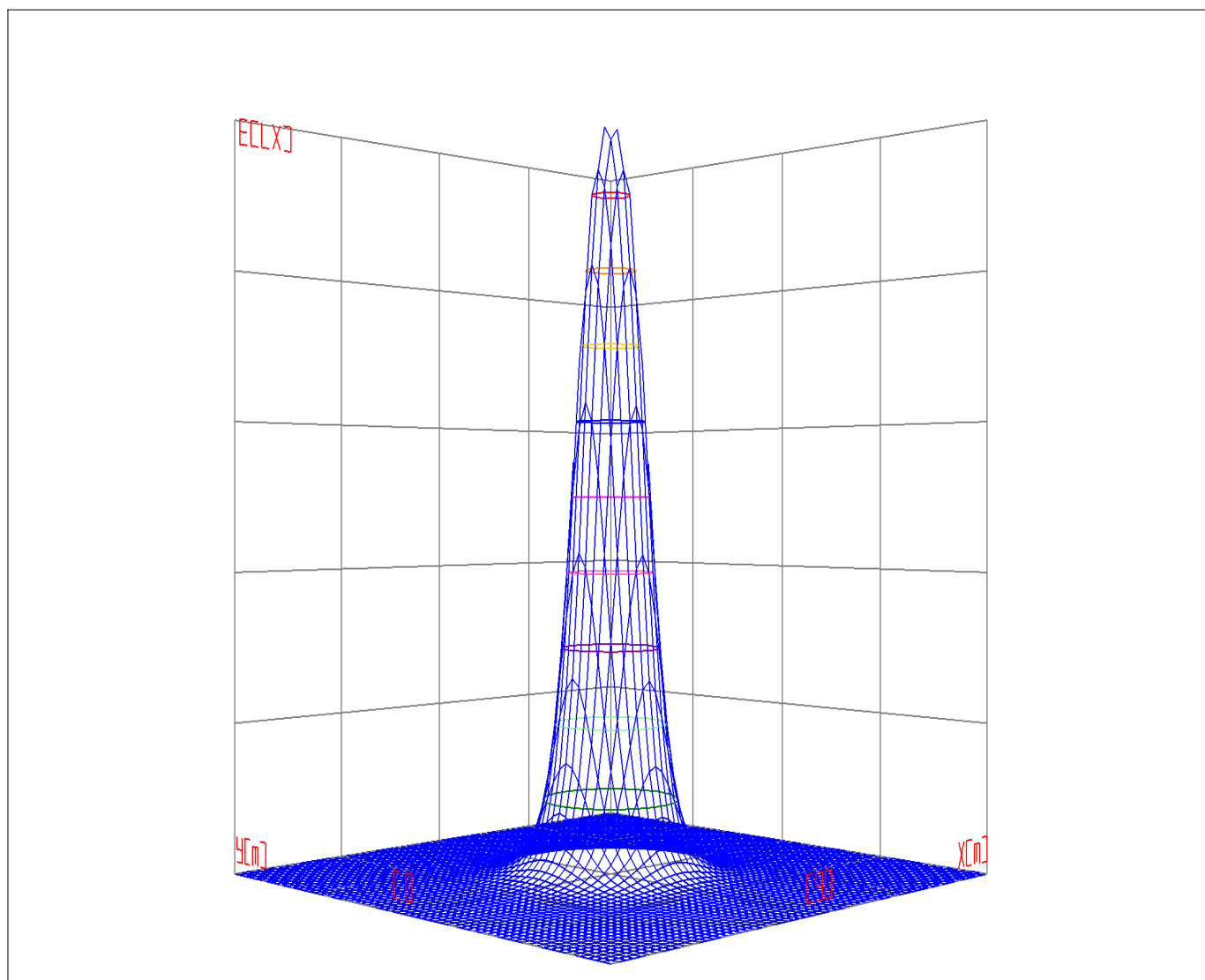
IES Indoor Report

Photometric Filename:MD10-13-SL-03 2700K RA97 60D.IES

3D Plane ISO Illuminance Diagram

| | | |
|-------------------------------------------------|-----------------------|----------------------------|
| Lum. Name: MD10-13-SL-03 2700K RA97 60D | Lum. Catalog: | Test ID: 01 |
| Lamp Name: | Lamp Catalog: LED | Test Lab: Quality peatment |
| Manufacture: Shenzhen Norming Lighting Co., Ltd | Test Machine:GON-2000 | Test Date: 2020/01/02 |

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

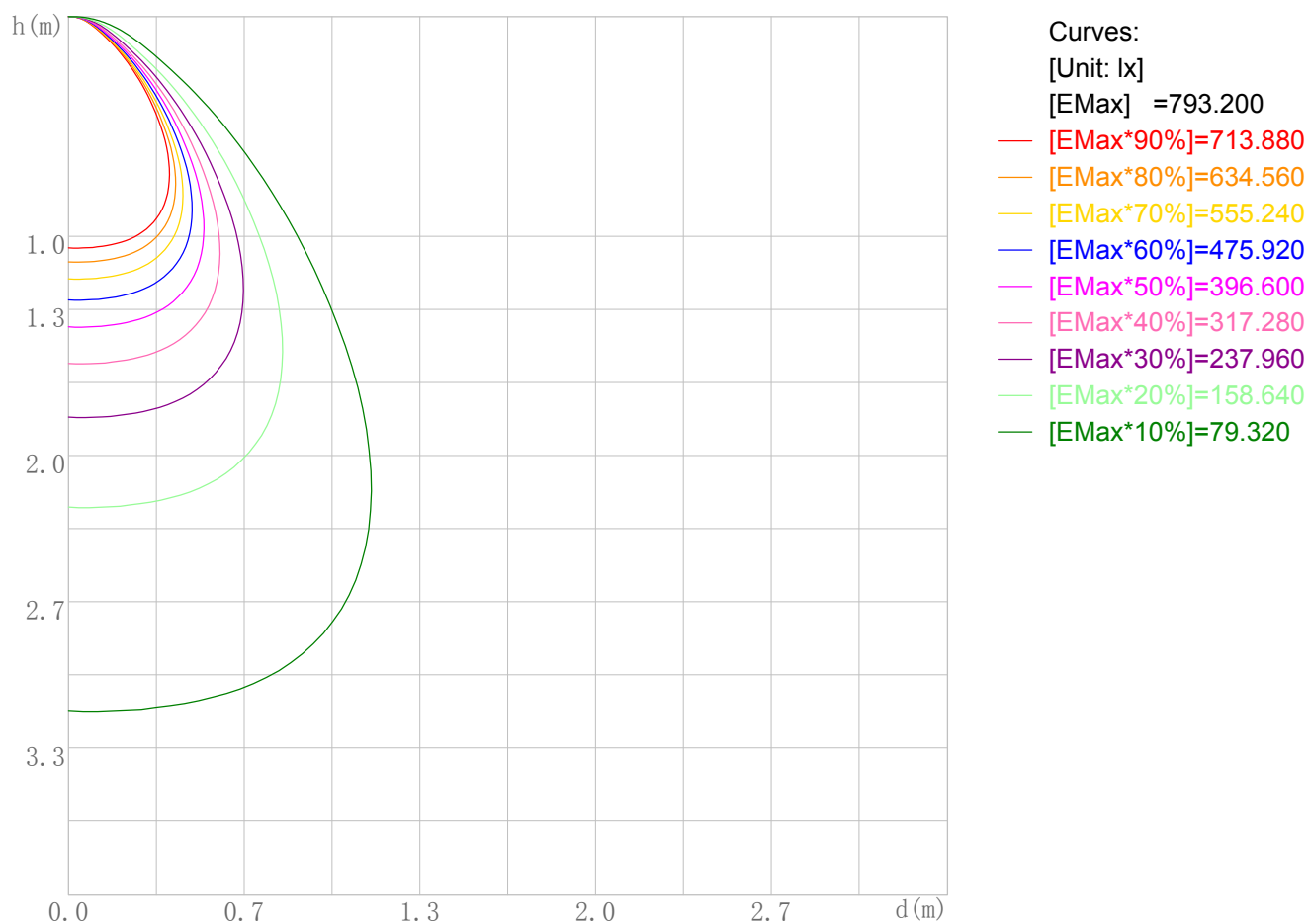
IES Indoor Report

Photometric Filename:MD10-13-SL-03 2700K RA97 60D.IES

Space ISO Illuminance Diagram

| | | |
|-------------------------------------------------|-----------------------|----------------------------|
| Lum. Name: MD10-13-SL-03 2700K RA97 60D | Lum. Catalog: | Test ID: 01 |
| Lamp Name: | Lamp Catalog: LED | Test Lab: Quality peatment |
| Manufacture: Shenzhen Norming Lighting Co., Ltd | Test Machine:GON-2000 | Test Date: 2020/01/02 |

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:793.20lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:798.711cd,0deg

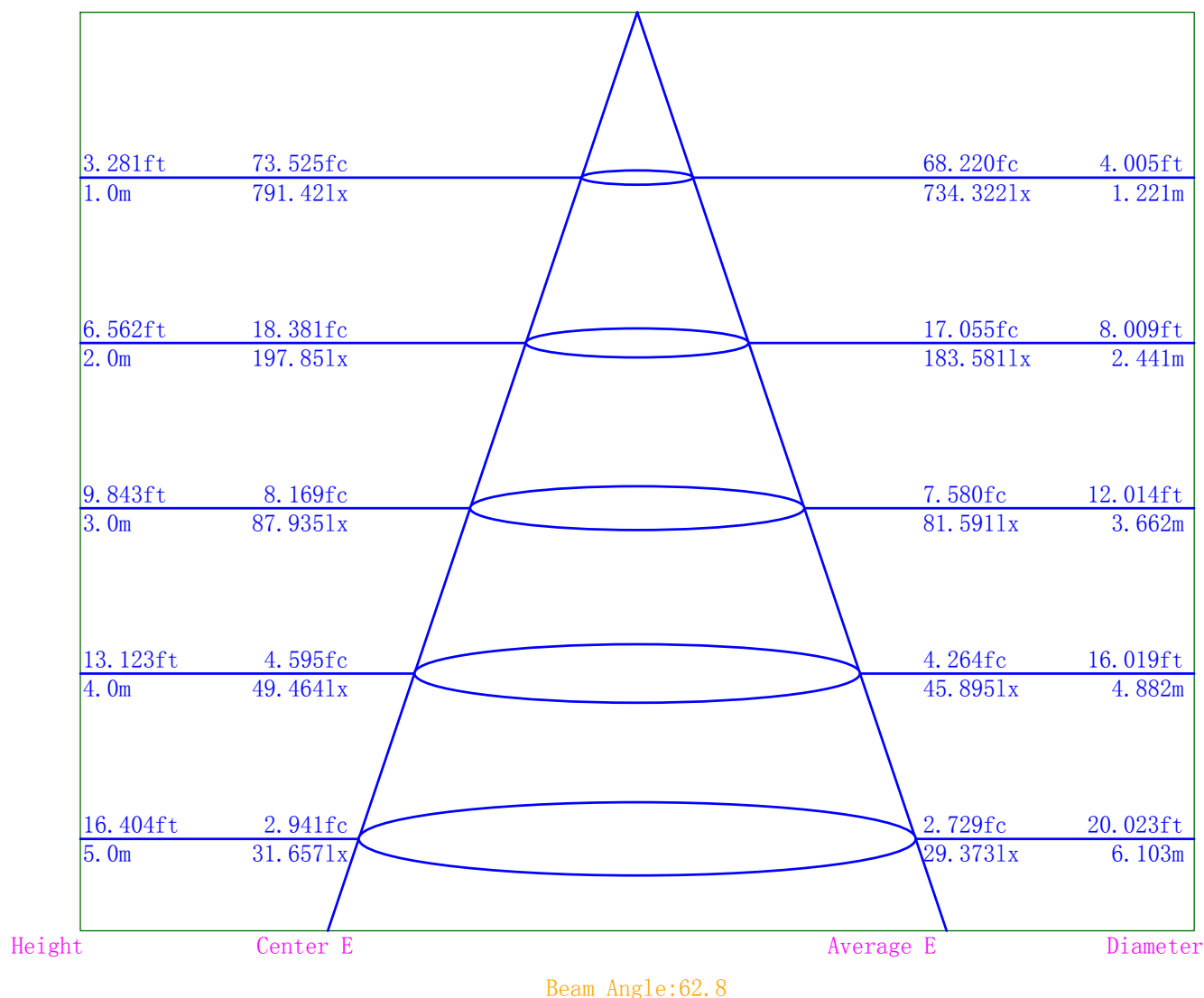
IES Indoor Report

Photometric Filename:MD10-13-SL-03 2700K RA97 60D.IES

Illuminance-Distance Diagram

| | | |
|-------------------------------------------------|-----------------------|----------------------------|
| Lum. Name: MD10-13-SL-03 2700K RA97 60D | Lum. Catalog: | Test ID: 01 |
| Lamp Name: | Lamp Catalog: LED | Test Lab: Quality peatment |
| Manufacture: Shenzhen Norming Lighting Co., Ltd | Test Machine:GON-2000 | Test Date: 2020/01/02 |

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-13-SL-03 2700K RA97 60D.IES

Indoor Luminance Limiting Curves

| | | |
|-------------------------------------------------|-----------------------|----------------------------|
| Lum. Name: MD10-13-SL-03 2700K RA97 60D | Lum. Catalog: LED | Test ID: 01 |
| Lamp Name: | Lamp Catalog: LED | Test Lab: Quality peatment |
| Manufacture: Shenzhen Norming Lighting Co., Ltd | Test Machine:GON-2000 | Test Date: 2020/01/02 |

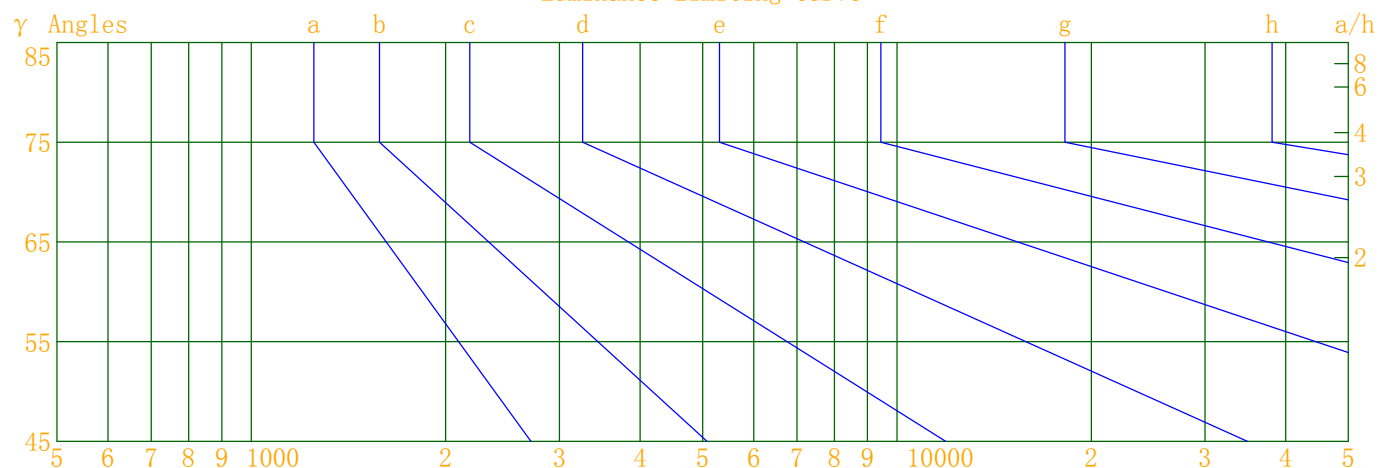
Glare Grade Table

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

Luminance Table

| Gama(deg) | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|-----------|-----|-----|-----|----|----|----|----|----|-----|
| C0 | 302 | 197 | 131 | 93 | 76 | 68 | 67 | 75 | 106 |
| C90 | 277 | 175 | 114 | 82 | 67 | 60 | 58 | 64 | 88 |

Luminance Limiting Curve



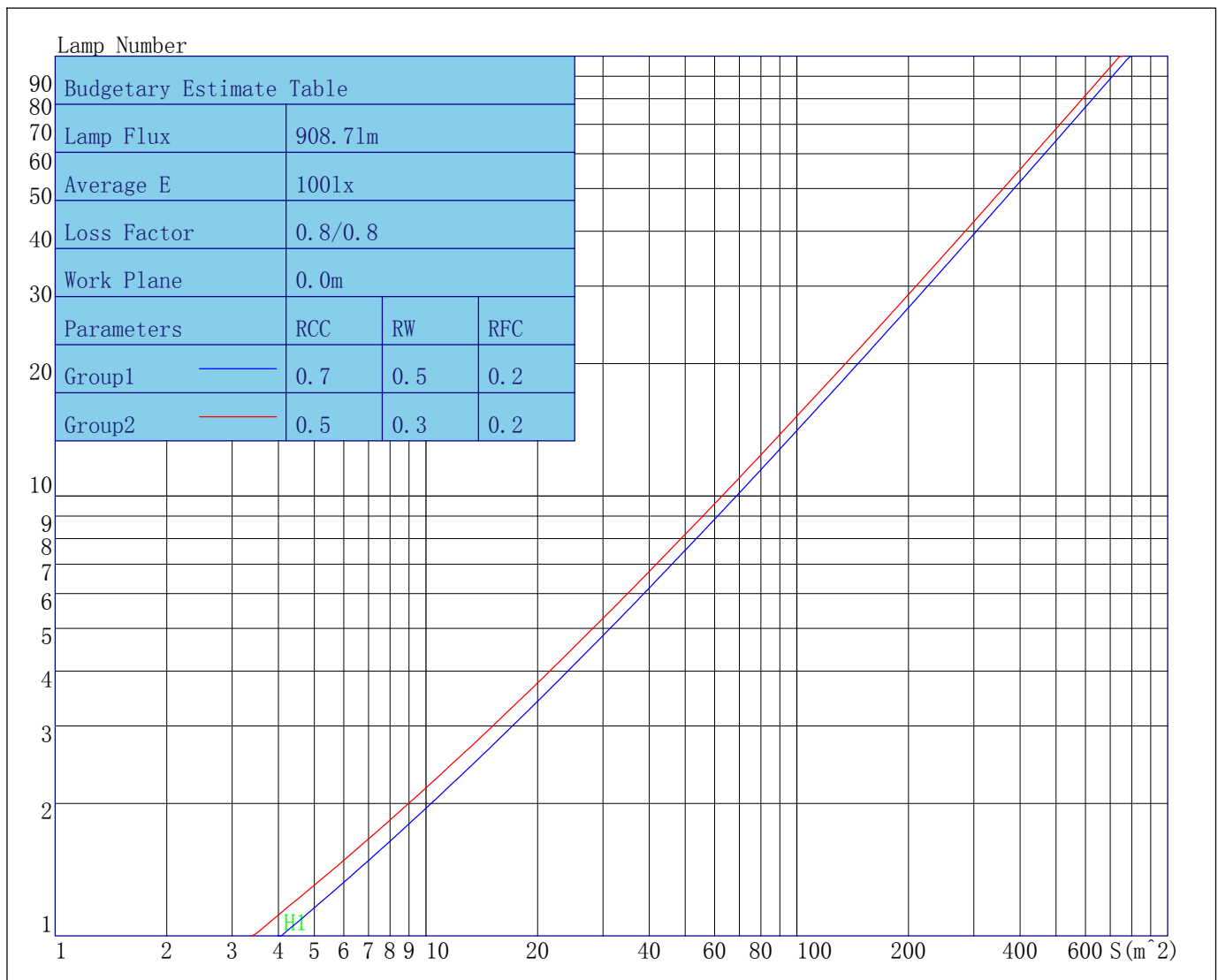
Luminous Size: Length(m)=0.498 Width(m)=0.498 Height(m)=0.650 Area(m^2)=0.571704
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-13-SL-03 2700K RA97 60D.IES

Indoor Budgetary Estimate Table

| | | |
|-------------------------------------------------|-----------------------|----------------------------|
| Lum. Name: MD10-13-SL-03 2700K RA97 60D | Lum. Catalog: | Test ID: 01 |
| Lamp Name: | Lamp Catalog: LED | Test Lab: Quality peatment |
| Manufacture: Shenzhen Norming Lighting Co., Ltd | Test Machine:GON-2000 | Test Date: 2020/01/02 |



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:MD10-13-SL-03 2700K RA97 60D.IES

Indoor Coefficient of Utilization Table

| | | |
|-------------------------------------------------|-----------------------|----------------------------|
| Lum. Name: MD10-13-SL-03 2700K RA97 60D | Lum. Catalog: | Test ID: 01 |
| Lamp Name: | Lamp Catalog: LED | Test Lab: Quality peatment |
| Manufacture: Shenzhen Norming Lighting Co., Ltd | Test Machine:GON-2000 | Test Date: 2020/01/02 |

| 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 | 118 | 118 | 118 | 118 | 115 | 115 | 115 | 115 | 110 | 110 | 110 | 104 | 104 | 104 | 100 | 100 | 100 | 97 |
| 1 | 112 | 109 | 106 | 103 | 109 | 106 | 104 | 102 | 102 | 100 | 98 | 98 | 96 | 95 | 94 | 93 | 91 | 89 |
| 2 | 106 | 100 | 96 | 92 | 103 | 98 | 94 | 90 | 94 | 91 | 88 | 91 | 88 | 86 | 88 | 86 | 84 | 82 |
| 3 | 100 | 92 | 87 | 82 | 97 | 91 | 86 | 81 | 88 | 83 | 80 | 85 | 81 | 78 | 82 | 79 | 77 | 75 |
| 4 | 94 | 85 | 79 | 75 | 92 | 84 | 78 | 74 | 82 | 77 | 73 | 79 | 75 | 72 | 77 | 73 | 71 | 69 |
| 5 | 89 | 79 | 73 | 68 | 87 | 78 | 72 | 68 | 76 | 71 | 67 | 74 | 70 | 66 | 72 | 68 | 65 | 64 |
| 6 | 84 | 74 | 67 | 63 | 82 | 73 | 67 | 62 | 71 | 66 | 62 | 69 | 65 | 61 | 68 | 64 | 60 | 59 |
| 7 | 79 | 69 | 62 | 58 | 78 | 68 | 62 | 58 | 67 | 61 | 57 | 65 | 60 | 57 | 64 | 59 | 56 | 55 |
| 8 | 75 | 65 | 58 | 54 | 73 | 64 | 58 | 53 | 63 | 57 | 53 | 61 | 56 | 53 | 60 | 56 | 52 | 51 |
| 9 | 71 | 61 | 54 | 50 | 70 | 60 | 54 | 50 | 59 | 53 | 50 | 58 | 53 | 49 | 57 | 52 | 49 | 47 |
| 10 | 68 | 57 | 51 | 47 | 66 | 57 | 51 | 47 | 56 | 50 | 46 | 55 | 50 | 46 | 54 | 49 | 46 | 44 |

Unified Glare Rating Table

| | | |
|-------------------------------------------------|-----------------------|----------------------------|
| Lum. Name: MD10-13-SL-03 2700K RA97 60D | Lum. Catelog: | Test ID: 01 |
| Lamp Name: | Lamp Catalog: LED | Test Lab: QQualty peatment |
| Manufacture: Shenzhen Norming Lighting Co., Ltd | Test Machine:GON-2000 | Test Date: 2020/01/02 |

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 | 4.4 | 5.5 | 4.8 | 5.8 | 6.2 | 4.1 | 5.2 | 4.5 | 5.6 | 5.9 | |
| | Y=3H | 4.5 | 5.5 | 4.9 | 5.9 | 6.3 | 4.2 | 5.2 | 4.6 | 5.5 | 6.0 |
| | Y=4H | 4.6 | 5.5 | 5.1 | 5.9 | 6.3 | 4.3 | 5.1 | 4.7 | 5.5 | 6.0 |
| | Y=6H | 4.7 | 5.5 | 5.2 | 5.9 | 6.4 | 4.3 | 5.1 | 4.8 | 5.6 | 6.0 |
| | Y=8H | 4.8 | 5.5 | 5.2 | 6.0 | 6.4 | 4.4 | 5.1 | 4.8 | 5.6 | 6.0 |
| | Y=12H | 4.8 | 5.6 | 5.3 | 6.0 | 6.5 | 4.4 | 5.1 | 4.9 | 5.6 | 6.1 |
| X=4H Y=2H | 4.3 | 5.2 | 4.7 | 5.6 | 6.0 | 4.0 | 4.9 | 4.5 | 5.3 | 5.8 | |
| | Y=3H | 4.5 | 5.2 | 5.0 | 5.7 | 6.2 | 4.2 | 4.9 | 4.7 | 5.4 | 5.8 |
| | Y=4H | 4.7 | 5.3 | 5.1 | 5.8 | 6.3 | 4.3 | 5.0 | 4.8 | 5.4 | 5.9 |
| | Y=6H | 4.9 | 5.4 | 5.4 | 5.9 | 6.5 | 4.5 | 5.0 | 5.0 | 5.5 | 6.1 |
| | Y=8H | 5.0 | 5.5 | 5.5 | 6.0 | 6.5 | 4.6 | 5.1 | 5.1 | 5.6 | 6.1 |
| | Y=12H | 5.2 | 5.6 | 5.7 | 6.1 | 6.7 | 4.7 | 5.1 | 5.2 | 5.7 | 6.2 |
| X=8H Y=4H | 4.6 | 5.1 | 5.1 | 5.6 | 6.2 | 4.3 | 4.8 | 4.8 | 5.3 | 5.8 | |
| | Y=6H | 4.9 | 5.4 | 5.5 | 5.9 | 6.5 | 4.5 | 5.0 | 5.1 | 5.5 | 6.1 |
| | Y=8H | 5.1 | 5.5 | 5.7 | 6.1 | 6.6 | 4.7 | 5.1 | 5.3 | 5.6 | 6.2 |
| | Y=12H | 5.4 | 5.8 | 6.0 | 6.3 | 6.9 | 4.9 | 5.3 | 5.5 | 5.8 | 6.4 |
| X=12H Y=4H | 4.6 | 5.0 | 5.1 | 5.6 | 6.1 | 4.2 | 4.7 | 4.8 | 5.2 | 5.8 | |
| | Y=6H | 4.9 | 5.3 | 5.5 | 5.8 | 6.4 | 4.5 | 4.9 | 5.1 | 5.4 | 6.0 |
| | Y=8H | 5.2 | 5.5 | 5.8 | 6.1 | 6.7 | 4.8 | 5.1 | 5.3 | 5.6 | 6.3 |
| Variations with the objerver position at spacings | | | | | | | | | | | |
| S=1.0H | 0.2/-0.2 | | | | | 0.3/-0.3 | | | | | |
| S=1.5H | 0.4/-0.4 | | | | | 0.5/-0.5 | | | | | |
| S=2.0H | 0.6/-0.6 | | | | | 0.7/-0.7 | | | | | |
| Reduced UGR Table: | | | | | | | | | | | |
| Nordic Standard Table: | BK0 | | | | | BK0 | | | | | |
| Correction Value | 1.1 | | | | | 1.0 | | | | | |

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

Candela Tabulation

| V/H | C0.0 | C90.0 | C180.0 | C270.0 |
|--------|--------|--------|--------|--------|
| γ 0.0 | 791.42 | 791.42 | 791.42 | 791.42 |
| γ 1.0 | 793.56 | 789.86 | 792.47 | 789.04 |
| γ 2.0 | 794.64 | 790.62 | 792.31 | 789.82 |
| γ 3.0 | 795.22 | 792.17 | 793.08 | 789.20 |
| γ 4.0 | 796.22 | 792.68 | 793.07 | 790.23 |
| γ 5.0 | 798.05 | 793.67 | 793.25 | 790.05 |
| γ 6.0 | 797.37 | 794.96 | 792.86 | 789.20 |
| γ 7.0 | 798.00 | 795.52 | 792.68 | 788.62 |
| γ 8.0 | 798.71 | 795.87 | 792.24 | 787.43 |
| γ 9.0 | 798.41 | 796.26 | 791.32 | 786.16 |
| γ 10.0 | 797.30 | 796.71 | 789.20 | 784.94 |
| γ 11.0 | 796.54 | 795.78 | 786.34 | 781.25 |
| γ 12.0 | 794.28 | 793.87 | 781.28 | 776.33 |
| γ 13.0 | 790.77 | 790.47 | 775.10 | 770.75 |
| γ 14.0 | 786.15 | 785.84 | 766.73 | 763.08 |
| γ 15.0 | 780.55 | 779.68 | 757.84 | 753.89 |
| γ 16.0 | 772.67 | 770.82 | 746.59 | 741.80 |
| γ 17.0 | 763.42 | 761.30 | 733.22 | 728.83 |
| γ 18.0 | 752.14 | 749.48 | 718.04 | 713.95 |
| γ 19.0 | 739.86 | 735.15 | 701.78 | 696.91 |
| γ 20.0 | 724.75 | 719.79 | 682.70 | 678.89 |
| γ 21.0 | 709.10 | 703.34 | 661.42 | 658.42 |
| γ 22.0 | 690.36 | 684.02 | 639.03 | 634.91 |
| γ 23.0 | 669.72 | 663.97 | 614.82 | 612.42 |
| γ 24.0 | 646.59 | 641.86 | 588.02 | 586.30 |
| γ 25.0 | 621.70 | 618.09 | 560.54 | 558.69 |
| γ 26.0 | 595.05 | 591.95 | 531.05 | 529.98 |
| γ 27.0 | 566.59 | 563.68 | 501.46 | 499.61 |
| γ 28.0 | 537.74 | 534.54 | 470.78 | 468.43 |
| γ 29.0 | 507.49 | 504.64 | 439.15 | 436.57 |
| γ 30.0 | 476.14 | 473.44 | 408.43 | 405.66 |
| γ 31.0 | 445.31 | 441.49 | 377.15 | 374.26 |
| γ 32.0 | 414.64 | 410.43 | 347.14 | 343.79 |
| γ 33.0 | 384.18 | 379.37 | 317.54 | 314.74 |
| γ 34.0 | 353.43 | 348.73 | 289.58 | 285.96 |
| γ 35.0 | 324.20 | 319.19 | 262.40 | 259.43 |
| γ 36.0 | 295.84 | 290.70 | 238.09 | 234.73 |
| γ 37.0 | 269.93 | 263.61 | 214.95 | 211.79 |
| γ 38.0 | 245.78 | 239.13 | 193.87 | 190.07 |
| γ 39.0 | 223.62 | 215.88 | 174.75 | 170.69 |
| γ 40.0 | 202.93 | 194.37 | 157.02 | 152.99 |
| γ 41.0 | 183.84 | 174.86 | 140.91 | 136.54 |
| γ 42.0 | 166.12 | 156.51 | 126.22 | 122.05 |
| γ 43.0 | 150.17 | 140.37 | 112.95 | 108.87 |
| γ 44.0 | 135.31 | 125.50 | 100.99 | 97.01 |
| γ 45.0 | 122.17 | 112.17 | 90.28 | 86.71 |
| γ 46.0 | 109.99 | 100.33 | 80.76 | 77.43 |

Candela Tabulation - (Cont.)

| V/H | C0.0 | C90.0 | C180.0 | C270.0 |
|--------|-------|-------|--------|--------|
| γ 47.0 | 99.10 | 89.58 | 72.34 | 69.21 |
| γ 48.0 | 89.19 | 80.10 | 64.70 | 61.94 |
| γ 49.0 | 80.40 | 71.65 | 57.72 | 55.40 |
| γ 50.0 | 72.53 | 64.24 | 51.58 | 49.61 |
| γ 51.0 | 65.28 | 57.58 | 46.17 | 44.63 |
| γ 52.0 | 58.78 | 51.54 | 41.37 | 40.06 |
| γ 53.0 | 52.83 | 46.31 | 37.15 | 36.17 |
| γ 54.0 | 47.48 | 41.60 | 33.37 | 32.73 |
| γ 55.0 | 42.83 | 37.53 | 30.10 | 29.75 |
| γ 56.0 | 38.66 | 33.89 | 27.27 | 27.09 |
| γ 57.0 | 35.00 | 30.72 | 24.81 | 24.84 |
| γ 58.0 | 31.75 | 27.96 | 22.68 | 22.89 |
| γ 59.0 | 28.97 | 25.52 | 20.87 | 21.25 |
| γ 60.0 | 26.53 | 23.38 | 19.30 | 19.76 |
| γ 61.0 | 24.46 | 21.57 | 17.94 | 18.45 |
| γ 62.0 | 22.60 | 19.98 | 16.73 | 17.32 |
| γ 63.0 | 20.99 | 18.54 | 15.65 | 16.26 |
| γ 64.0 | 19.55 | 17.25 | 14.70 | 15.36 |
| γ 65.0 | 18.26 | 16.10 | 13.86 | 14.50 |
| γ 66.0 | 17.10 | 15.07 | 13.06 | 13.75 |
| γ 67.0 | 16.04 | 14.15 | 12.32 | 13.04 |
| γ 68.0 | 15.07 | 13.31 | 11.65 | 12.37 |
| γ 69.0 | 14.18 | 12.49 | 11.01 | 11.77 |
| γ 70.0 | 13.38 | 11.76 | 10.42 | 11.16 |
| γ 71.0 | 12.61 | 11.05 | 9.84 | 10.60 |
| γ 72.0 | 11.88 | 10.40 | 9.32 | 10.08 |
| γ 73.0 | 11.20 | 9.78 | 8.80 | 9.56 |
| γ 74.0 | 10.58 | 9.20 | 8.30 | 9.07 |
| γ 75.0 | 9.98 | 8.65 | 7.84 | 8.60 |
| γ 76.0 | 9.40 | 8.14 | 7.39 | 8.14 |
| γ 77.0 | 8.85 | 7.64 | 6.98 | 7.72 |
| γ 78.0 | 8.34 | 7.18 | 6.56 | 7.30 |
| γ 79.0 | 7.86 | 6.72 | 6.18 | 6.90 |
| γ 80.0 | 7.40 | 6.32 | 5.81 | 6.52 |
| γ 81.0 | 6.96 | 5.91 | 5.43 | 6.15 |
| γ 82.0 | 6.53 | 5.53 | 5.04 | 5.77 |
| γ 83.0 | 6.10 | 5.11 | 4.69 | 5.40 |
| γ 84.0 | 5.68 | 4.74 | 4.36 | 5.09 |
| γ 85.0 | 5.29 | 4.39 | 4.11 | 4.80 |
| γ 86.0 | 4.97 | 4.09 | 3.85 | 4.52 |
| γ 87.0 | 4.69 | 3.83 | 3.68 | 4.33 |
| γ 88.0 | 4.43 | 3.61 | 3.55 | 4.19 |
| γ 89.0 | 4.24 | 3.45 | 3.46 | 4.08 |
| γ 90.0 | 4.11 | 3.36 | 3.37 | 3.98 |
| γ 91.0 | 4.01 | 3.27 | 3.30 | 3.88 |
| γ 92.0 | 3.90 | 3.18 | 3.24 | 3.80 |
| γ 93.0 | 3.80 | 3.11 | 3.16 | 3.71 |

IES Indoor Report

Photometric Filename:MD10-13-SL-03 2700K RA97 60D.IES

Candela Tabulation - (Cont.)

| V/H | C0.0 | C90.0 | C180.0 | C270.0 |
|---------|------|-------|--------|--------|
| γ 94.0 | 3.71 | 3.03 | 3.10 | 3.63 |
| γ 95.0 | 3.62 | 2.96 | 3.05 | 3.55 |
| γ 96.0 | 3.54 | 2.89 | 2.99 | 3.48 |
| γ 97.0 | 3.47 | 2.84 | 2.94 | 3.42 |
| γ 98.0 | 3.39 | 2.78 | 2.90 | 3.35 |
| γ 99.0 | 3.32 | 2.73 | 2.84 | 3.29 |
| γ 100.0 | 3.25 | 2.68 | 2.81 | 3.24 |
| γ 101.0 | 3.19 | 2.63 | 2.78 | 3.20 |
| γ 102.0 | 3.14 | 2.59 | 2.75 | 3.15 |
| γ 103.0 | 3.09 | 2.56 | 2.72 | 3.12 |
| γ 104.0 | 3.05 | 2.53 | 2.70 | 3.08 |
| γ 105.0 | 3.00 | 2.50 | 2.68 | 3.05 |
| γ 106.0 | 2.96 | 2.47 | 2.68 | 3.02 |
| γ 107.0 | 2.93 | 2.44 | 2.67 | 3.01 |
| γ 108.0 | 2.90 | 2.43 | 2.66 | 2.99 |
| γ 109.0 | 2.87 | 2.43 | 2.67 | 2.98 |
| γ 110.0 | 2.86 | 2.41 | 2.67 | 2.99 |
| γ 111.0 | 2.84 | 2.41 | 2.69 | 2.99 |
| γ 112.0 | 2.84 | 2.41 | 2.71 | 2.99 |
| γ 113.0 | 2.83 | 2.42 | 2.72 | 3.00 |
| γ 114.0 | 2.83 | 2.44 | 2.74 | 3.00 |
| γ 115.0 | 2.84 | 2.45 | 2.79 | 3.03 |
| γ 116.0 | 2.86 | 2.48 | 2.81 | 3.06 |
| γ 117.0 | 2.88 | 2.51 | 2.85 | 3.08 |
| γ 118.0 | 2.90 | 2.54 | 2.89 | 3.12 |
| γ 119.0 | 2.93 | 2.57 | 2.93 | 3.15 |
| γ 120.0 | 2.95 | 2.62 | 2.99 | 3.19 |
| γ 121.0 | 3.00 | 2.66 | 3.04 | 3.24 |
| γ 122.0 | 3.04 | 2.71 | 3.10 | 3.30 |
| γ 123.0 | 3.09 | 2.76 | 3.16 | 3.34 |
| γ 124.0 | 3.12 | 2.82 | 3.23 | 3.41 |
| γ 125.0 | 3.18 | 2.89 | 3.30 | 3.47 |
| γ 126.0 | 3.24 | 2.94 | 3.37 | 3.53 |
| γ 127.0 | 3.30 | 3.00 | 3.46 | 3.60 |
| γ 128.0 | 3.36 | 3.09 | 3.53 | 3.68 |
| γ 129.0 | 3.44 | 3.15 | 3.61 | 3.74 |
| γ 130.0 | 3.50 | 3.23 | 3.69 | 3.81 |
| γ 131.0 | 3.57 | 3.30 | 3.77 | 3.90 |
| γ 132.0 | 3.64 | 3.39 | 3.85 | 3.97 |
| γ 133.0 | 3.73 | 3.47 | 3.94 | 4.05 |
| γ 134.0 | 3.80 | 3.55 | 4.03 | 4.13 |
| γ 135.0 | 3.87 | 3.64 | 4.12 | 4.21 |
| γ 136.0 | 3.96 | 3.73 | 4.21 | 4.30 |
| γ 137.0 | 4.04 | 3.81 | 4.30 | 4.38 |
| γ 138.0 | 4.13 | 3.89 | 4.40 | 4.46 |
| γ 139.0 | 4.21 | 3.99 | 4.48 | 4.54 |
| γ 140.0 | 4.30 | 4.08 | 4.58 | 4.63 |

Candela Tabulation - (Cont.)

| V/H | C0.0 | C90.0 | C180.0 | C270.0 |
|---------|------|-------|--------|--------|
| γ 141.0 | 4.39 | 4.17 | 4.68 | 4.72 |
| γ 142.0 | 4.47 | 4.26 | 4.76 | 4.80 |
| γ 143.0 | 4.56 | 4.34 | 4.84 | 4.88 |
| γ 144.0 | 4.65 | 4.44 | 4.93 | 4.96 |
| γ 145.0 | 4.72 | 4.54 | 5.03 | 5.04 |
| γ 146.0 | 4.82 | 4.62 | 5.11 | 5.12 |
| γ 147.0 | 4.91 | 4.71 | 5.19 | 5.20 |
| γ 148.0 | 4.99 | 4.81 | 5.27 | 5.27 |
| γ 149.0 | 5.07 | 4.89 | 5.36 | 5.36 |
| γ 150.0 | 5.15 | 4.98 | 5.45 | 5.42 |
| γ 151.0 | 5.24 | 5.06 | 5.53 | 5.51 |
| γ 152.0 | 5.32 | 5.14 | 5.61 | 5.58 |
| γ 153.0 | 5.40 | 5.23 | 5.68 | 5.64 |
| γ 154.0 | 5.49 | 5.31 | 5.76 | 5.70 |
| γ 155.0 | 5.56 | 5.39 | 5.84 | 5.78 |
| γ 156.0 | 5.64 | 5.46 | 5.91 | 5.86 |
| γ 157.0 | 5.72 | 5.56 | 5.98 | 5.92 |
| γ 158.0 | 5.79 | 5.64 | 6.06 | 5.99 |
| γ 159.0 | 5.87 | 5.70 | 6.13 | 6.05 |
| γ 160.0 | 5.95 | 5.78 | 6.19 | 6.12 |
| γ 161.0 | 6.01 | 5.87 | 6.26 | 6.19 |
| γ 162.0 | 6.08 | 5.94 | 6.32 | 6.24 |
| γ 163.0 | 6.16 | 6.03 | 6.39 | 6.31 |
| γ 164.0 | 6.23 | 6.09 | 6.46 | 6.38 |
| γ 165.0 | 6.31 | 6.16 | 6.52 | 6.43 |
| γ 166.0 | 6.37 | 6.22 | 6.58 | 6.50 |
| γ 167.0 | 6.44 | 6.29 | 6.64 | 6.55 |
| γ 168.0 | 6.50 | 6.36 | 6.70 | 6.60 |
| γ 169.0 | 6.57 | 6.42 | 6.75 | 6.68 |
| γ 170.0 | 6.63 | 6.48 | 6.80 | 6.71 |
| γ 171.0 | 6.71 | 6.54 | 6.84 | 6.76 |
| γ 172.0 | 6.76 | 6.60 | 6.91 | 6.81 |
| γ 173.0 | 6.83 | 6.65 | 6.94 | 6.83 |
| γ 174.0 | 6.88 | 6.72 | 6.97 | 6.86 |
| γ 175.0 | 6.91 | 6.76 | 7.01 | 6.91 |
| γ 176.0 | 6.94 | 6.81 | 7.03 | 6.94 |
| γ 177.0 | 7.00 | 6.84 | 7.04 | 6.95 |
| γ 178.0 | 7.02 | 6.87 | 7.07 | 6.97 |
| γ 179.0 | 7.04 | 6.91 | 7.08 | 6.98 |
| γ 180.0 | 7.03 | 7.03 | 7.03 | 7.03 |