



IES INDOOR REPORT

PHOTOMETRIC FILENAME : STEPID-2248510-CLY6-5CS-WH-FR 2700K_IESNA95.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] STEPID-2248510
[TESTLAB] EVERFINE
[TESTDATE] 11 June 2024
[ISSUEDATE] 2024-06-11 17:17:14
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-2000B_V1 SYSTEM
[MANUFAC] Tamlite Lighting
[LUMCAT] CLY6-5CS-FR
[LUMINAIRE] 6-INCH RECESSED WAFER DISK LIGHT FIRE RSTED
[MORE] NOMINALLY TESTED AT 120V 60HZ 13.5W 2700K
[LAMP]
[OTHER]

CHARACTERISTICS

| | |
|---------------------------------|--------------------|
| Lumens Per Lamp | 989.69 (1 lamp) |
| Total Lamp Lumens | 989.69 |
| Luminaire Lumens | 990 |
| Total Luminaire Efficiency | 100 % |
| Luminaire Efficacy Rating (LER) | 73 |
| Total Luminaire Watts | 13.5 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.24 |
| Spacing Criterion (90-270) | 1.24 |
| Spacing Criterion (Diagonal) | 1.36 |
| Basic Luminous Shape | Circular |
| Luminous Length (0-180) | 0.33 ft (Diameter) |
| Luminous Width (90-270) | 0.33 ft (Diameter) |
| Luminous Height | 0.00 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 40996 | 40996 | 40996 |
| 55 | 38699 | 38699 | 38699 |
| 65 | 35403 | 35403 | 35403 |
| 75 | 30330 | 30330 | 30330 |
| 85 | 16250 | 16250 | 16250 |

IES INDOOR REPORT

PHOTOMETRIC FILENAME : STEPID-2248510-CLY6-5CS-WH-FR 2700K_IESNA95.IES

CANDELA TABULATION

| | <u>0</u> | <u>30</u> | <u>60</u> | <u>90</u> | <u>120</u> | <u>150</u> | <u>180</u> | <u>210</u> | <u>240</u> | <u>270</u> |
|----|----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|
| 0 | 359.260 | 359.260 | 359.260 | 359.260 | 359.260 | 359.260 | 359.260 | 359.260 | 359.260 | 359.260 |
| 1 | 359.690 | 359.690 | 359.690 | 359.690 | 359.690 | 359.690 | 359.690 | 359.690 | 359.690 | 359.690 |
| 2 | 359.450 | 359.450 | 359.450 | 359.450 | 359.450 | 359.450 | 359.450 | 359.450 | 359.450 | 359.450 |
| 3 | 358.650 | 358.650 | 358.650 | 358.650 | 358.650 | 358.650 | 358.650 | 358.650 | 358.650 | 358.650 |
| 4 | 358.330 | 358.330 | 358.330 | 358.330 | 358.330 | 358.330 | 358.330 | 358.330 | 358.330 | 358.330 |
| 5 | 357.100 | 357.100 | 357.100 | 357.100 | 357.100 | 357.100 | 357.100 | 357.100 | 357.100 | 357.100 |
| 6 | 356.810 | 356.810 | 356.810 | 356.810 | 356.810 | 356.810 | 356.810 | 356.810 | 356.810 | 356.810 |
| 7 | 355.430 | 355.430 | 355.430 | 355.430 | 355.430 | 355.430 | 355.430 | 355.430 | 355.430 | 355.430 |
| 8 | 354.010 | 354.010 | 354.010 | 354.010 | 354.010 | 354.010 | 354.010 | 354.010 | 354.010 | 354.010 |
| 9 | 352.770 | 352.770 | 352.770 | 352.770 | 352.770 | 352.770 | 352.770 | 352.770 | 352.770 | 352.770 |
| 10 | 352.200 | 352.200 | 352.200 | 352.200 | 352.200 | 352.200 | 352.200 | 352.200 | 352.200 | 352.200 |
| 11 | 350.510 | 350.510 | 350.510 | 350.510 | 350.510 | 350.510 | 350.510 | 350.510 | 350.510 | 350.510 |
| 12 | 348.840 | 348.840 | 348.840 | 348.840 | 348.840 | 348.840 | 348.840 | 348.840 | 348.840 | 348.840 |
| 13 | 347.220 | 347.220 | 347.220 | 347.220 | 347.220 | 347.220 | 347.220 | 347.220 | 347.220 | 347.220 |
| 14 | 345.210 | 345.210 | 345.210 | 345.210 | 345.210 | 345.210 | 345.210 | 345.210 | 345.210 | 345.210 |
| 15 | 343.480 | 343.480 | 343.480 | 343.480 | 343.480 | 343.480 | 343.480 | 343.480 | 343.480 | 343.480 |
| 16 | 340.830 | 340.830 | 340.830 | 340.830 | 340.830 | 340.830 | 340.830 | 340.830 | 340.830 | 340.830 |
| 17 | 338.590 | 338.590 | 338.590 | 338.590 | 338.590 | 338.590 | 338.590 | 338.590 | 338.590 | 338.590 |
| 18 | 336.510 | 336.510 | 336.510 | 336.510 | 336.510 | 336.510 | 336.510 | 336.510 | 336.510 | 336.510 |
| 19 | 333.920 | 333.920 | 333.920 | 333.920 | 333.920 | 333.920 | 333.920 | 333.920 | 333.920 | 333.920 |
| 20 | 331.100 | 331.100 | 331.100 | 331.100 | 331.100 | 331.100 | 331.100 | 331.100 | 331.100 | 331.100 |
| 21 | 328.340 | 328.340 | 328.340 | 328.340 | 328.340 | 328.340 | 328.340 | 328.340 | 328.340 | 328.340 |
| 22 | 325.090 | 325.090 | 325.090 | 325.090 | 325.090 | 325.090 | 325.090 | 325.090 | 325.090 | 325.090 |
| 23 | 322.150 | 322.150 | 322.150 | 322.150 | 322.150 | 322.150 | 322.150 | 322.150 | 322.150 | 322.150 |
| 24 | 319.230 | 319.230 | 319.230 | 319.230 | 319.230 | 319.230 | 319.230 | 319.230 | 319.230 | 319.230 |
| 25 | 315.460 | 315.460 | 315.460 | 315.460 | 315.460 | 315.460 | 315.460 | 315.460 | 315.460 | 315.460 |
| 26 | 311.960 | 311.960 | 311.960 | 311.960 | 311.960 | 311.960 | 311.960 | 311.960 | 311.960 | 311.960 |
| 27 | 309.140 | 309.140 | 309.140 | 309.140 | 309.140 | 309.140 | 309.140 | 309.140 | 309.140 | 309.140 |
| 28 | 305.250 | 305.250 | 305.250 | 305.250 | 305.250 | 305.250 | 305.250 | 305.250 | 305.250 | 305.250 |
| 29 | 301.310 | 301.310 | 301.310 | 301.310 | 301.310 | 301.310 | 301.310 | 301.310 | 301.310 | 301.310 |
| 30 | 298.140 | 298.140 | 298.140 | 298.140 | 298.140 | 298.140 | 298.140 | 298.140 | 298.140 | 298.140 |
| 31 | 294.430 | 294.430 | 294.430 | 294.430 | 294.430 | 294.430 | 294.430 | 294.430 | 294.430 | 294.430 |
| 32 | 290.160 | 290.160 | 290.160 | 290.160 | 290.160 | 290.160 | 290.160 | 290.160 | 290.160 | 290.160 |
| 33 | 285.490 | 285.490 | 285.490 | 285.490 | 285.490 | 285.490 | 285.490 | 285.490 | 285.490 | 285.490 |
| 34 | 281.390 | 281.390 | 281.390 | 281.390 | 281.390 | 281.390 | 281.390 | 281.390 | 281.390 | 281.390 |
| 35 | 277.210 | 277.210 | 277.210 | 277.210 | 277.210 | 277.210 | 277.210 | 277.210 | 277.210 | 277.210 |
| 36 | 272.810 | 272.810 | 272.810 | 272.810 | 272.810 | 272.810 | 272.810 | 272.810 | 272.810 | 272.810 |
| 37 | 268.870 | 268.870 | 268.870 | 268.870 | 268.870 | 268.870 | 268.870 | 268.870 | 268.870 | 268.870 |
| 38 | 264.240 | 264.240 | 264.240 | 264.240 | 264.240 | 264.240 | 264.240 | 264.240 | 264.240 | 264.240 |
| 39 | 259.870 | 259.870 | 259.870 | 259.870 | 259.870 | 259.870 | 259.870 | 259.870 | 259.870 | 259.870 |
| 40 | 254.950 | 254.950 | 254.950 | 254.950 | 254.950 | 254.950 | 254.950 | 254.950 | 254.950 | 254.950 |
| 41 | 250.420 | 250.420 | 250.420 | 250.420 | 250.420 | 250.420 | 250.420 | 250.420 | 250.420 | 250.420 |
| 42 | 245.350 | 245.350 | 245.350 | 245.350 | 245.350 | 245.350 | 245.350 | 245.350 | 245.350 | 245.350 |
| 43 | 240.230 | 240.230 | 240.230 | 240.230 | 240.230 | 240.230 | 240.230 | 240.230 | 240.230 | 240.230 |
| 44 | 235.030 | 235.030 | 235.030 | 235.030 | 235.030 | 235.030 | 235.030 | 235.030 | 235.030 | 235.030 |
| 45 | 230.560 | 230.560 | 230.560 | 230.560 | 230.560 | 230.560 | 230.560 | 230.560 | 230.560 | 230.560 |
| 46 | 224.840 | 224.840 | 224.840 | 224.840 | 224.840 | 224.840 | 224.840 | 224.840 | 224.840 | 224.840 |
| 47 | 219.810 | 219.810 | 219.810 | 219.810 | 219.810 | 219.810 | 219.810 | 219.810 | 219.810 | 219.810 |
| 48 | 215.010 | 215.010 | 215.010 | 215.010 | 215.010 | 215.010 | 215.010 | 215.010 | 215.010 | 215.010 |
| 49 | 209.470 | 209.470 | 209.470 | 209.470 | 209.470 | 209.470 | 209.470 | 209.470 | 209.470 | 209.470 |
| 50 | 204.210 | 204.210 | 204.210 | 204.210 | 204.210 | 204.210 | 204.210 | 204.210 | 204.210 | 204.210 |
| 51 | 198.790 | 198.790 | 198.790 | 198.790 | 198.790 | 198.790 | 198.790 | 198.790 | 198.790 | 198.790 |
| 52 | 193.000 | 193.000 | 193.000 | 193.000 | 193.000 | 193.000 | 193.000 | 193.000 | 193.000 | 193.000 |
| 53 | 187.270 | 187.270 | 187.270 | 187.270 | 187.270 | 187.270 | 187.270 | 187.270 | 187.270 | 187.270 |

IES INDOOR REPORT

PHOTOMETRIC FILENAME : STEPID-2248510-CLY6-5CS-WH-FR 2700K_IESNA95.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 54 | 181.870 | 181.870 | 181.870 | 181.870 | 181.870 | 181.870 | 181.870 | 181.870 | 181.870 | 181.870 |
| 55 | 176.540 | 176.540 | 176.540 | 176.540 | 176.540 | 176.540 | 176.540 | 176.540 | 176.540 | 176.540 |
| 56 | 170.570 | 170.570 | 170.570 | 170.570 | 170.570 | 170.570 | 170.570 | 170.570 | 170.570 | 170.570 |
| 57 | 164.900 | 164.900 | 164.900 | 164.900 | 164.900 | 164.900 | 164.900 | 164.900 | 164.900 | 164.900 |
| 58 | 159.350 | 159.350 | 159.350 | 159.350 | 159.350 | 159.350 | 159.350 | 159.350 | 159.350 | 159.350 |
| 59 | 153.740 | 153.740 | 153.740 | 153.740 | 153.740 | 153.740 | 153.740 | 153.740 | 153.740 | 153.740 |
| 60 | 148.040 | 148.040 | 148.040 | 148.040 | 148.040 | 148.040 | 148.040 | 148.040 | 148.040 | 148.040 |
| 61 | 141.870 | 141.870 | 141.870 | 141.870 | 141.870 | 141.870 | 141.870 | 141.870 | 141.870 | 141.870 |
| 62 | 136.400 | 136.400 | 136.400 | 136.400 | 136.400 | 136.400 | 136.400 | 136.400 | 136.400 | 136.400 |
| 63 | 130.370 | 130.370 | 130.370 | 130.370 | 130.370 | 130.370 | 130.370 | 130.370 | 130.370 | 130.370 |
| 64 | 124.970 | 124.970 | 124.970 | 124.970 | 124.970 | 124.970 | 124.970 | 124.970 | 124.970 | 124.970 |
| 65 | 119.000 | 119.000 | 119.000 | 119.000 | 119.000 | 119.000 | 119.000 | 119.000 | 119.000 | 119.000 |
| 66 | 113.320 | 113.320 | 113.320 | 113.320 | 113.320 | 113.320 | 113.320 | 113.320 | 113.320 | 113.320 |
| 67 | 107.340 | 107.340 | 107.340 | 107.340 | 107.340 | 107.340 | 107.340 | 107.340 | 107.340 | 107.340 |
| 68 | 101.760 | 101.760 | 101.760 | 101.760 | 101.760 | 101.760 | 101.760 | 101.760 | 101.760 | 101.760 |
| 69 | 95.910 | 95.910 | 95.910 | 95.910 | 95.910 | 95.910 | 95.910 | 95.910 | 95.910 | 95.910 |
| 70 | 90.206 | 90.206 | 90.206 | 90.206 | 90.206 | 90.206 | 90.206 | 90.206 | 90.206 | 90.206 |
| 71 | 84.504 | 84.504 | 84.504 | 84.504 | 84.504 | 84.504 | 84.504 | 84.504 | 84.504 | 84.504 |
| 72 | 79.075 | 79.075 | 79.075 | 79.075 | 79.075 | 79.075 | 79.075 | 79.075 | 79.075 | 79.075 |
| 73 | 73.630 | 73.630 | 73.630 | 73.630 | 73.630 | 73.630 | 73.630 | 73.630 | 73.630 | 73.630 |
| 74 | 67.895 | 67.895 | 67.895 | 67.895 | 67.895 | 67.895 | 67.895 | 67.895 | 67.895 | 67.895 |
| 75 | 62.435 | 62.435 | 62.435 | 62.435 | 62.435 | 62.435 | 62.435 | 62.435 | 62.435 | 62.435 |
| 76 | 57.098 | 57.098 | 57.098 | 57.098 | 57.098 | 57.098 | 57.098 | 57.098 | 57.098 | 57.098 |
| 77 | 51.872 | 51.872 | 51.872 | 51.872 | 51.872 | 51.872 | 51.872 | 51.872 | 51.872 | 51.872 |
| 78 | 46.512 | 46.512 | 46.512 | 46.512 | 46.512 | 46.512 | 46.512 | 46.512 | 46.512 | 46.512 |
| 79 | 41.275 | 41.275 | 41.275 | 41.275 | 41.275 | 41.275 | 41.275 | 41.275 | 41.275 | 41.275 |
| 80 | 36.070 | 36.070 | 36.070 | 36.070 | 36.070 | 36.070 | 36.070 | 36.070 | 36.070 | 36.070 |
| 81 | 31.094 | 31.094 | 31.094 | 31.094 | 31.094 | 31.094 | 31.094 | 31.094 | 31.094 | 31.094 |
| 82 | 26.121 | 26.121 | 26.121 | 26.121 | 26.121 | 26.121 | 26.121 | 26.121 | 26.121 | 26.121 |
| 83 | 21.091 | 21.091 | 21.091 | 21.091 | 21.091 | 21.091 | 21.091 | 21.091 | 21.091 | 21.091 |
| 84 | 16.233 | 16.233 | 16.233 | 16.233 | 16.233 | 16.233 | 16.233 | 16.233 | 16.233 | 16.233 |
| 85 | 11.264 | 11.264 | 11.264 | 11.264 | 11.264 | 11.264 | 11.264 | 11.264 | 11.264 | 11.264 |
| 86 | 6.065 | 6.065 | 6.065 | 6.065 | 6.065 | 6.065 | 6.065 | 6.065 | 6.065 | 6.065 |
| 87 | 1.889 | 1.889 | 1.889 | 1.889 | 1.889 | 1.889 | 1.889 | 1.889 | 1.889 | 1.889 |
| 88 | 0.284 | 0.284 | 0.284 | 0.284 | 0.284 | 0.284 | 0.284 | 0.284 | 0.284 | 0.284 |
| 89 | 0.249 | 0.249 | 0.249 | 0.249 | 0.249 | 0.249 | 0.249 | 0.249 | 0.249 | 0.249 |
| 90 | 0.251 | 0.251 | 0.251 | 0.251 | 0.251 | 0.251 | 0.251 | 0.251 | 0.251 | 0.251 |
| 91 | 0.268 | 0.268 | 0.268 | 0.268 | 0.268 | 0.268 | 0.268 | 0.268 | 0.268 | 0.268 |
| 92 | 0.286 | 0.286 | 0.286 | 0.286 | 0.286 | 0.286 | 0.286 | 0.286 | 0.286 | 0.286 |
| 93 | 0.308 | 0.308 | 0.308 | 0.308 | 0.308 | 0.308 | 0.308 | 0.308 | 0.308 | 0.308 |
| 94 | 0.326 | 0.326 | 0.326 | 0.326 | 0.326 | 0.326 | 0.326 | 0.326 | 0.326 | 0.326 |
| 95 | 0.348 | 0.348 | 0.348 | 0.348 | 0.348 | 0.348 | 0.348 | 0.348 | 0.348 | 0.348 |
| 96 | 0.371 | 0.371 | 0.371 | 0.371 | 0.371 | 0.371 | 0.371 | 0.371 | 0.371 | 0.371 |
| 97 | 0.397 | 0.397 | 0.397 | 0.397 | 0.397 | 0.397 | 0.397 | 0.397 | 0.397 | 0.397 |
| 98 | 0.420 | 0.420 | 0.420 | 0.420 | 0.420 | 0.420 | 0.420 | 0.420 | 0.420 | 0.420 |
| 99 | 0.443 | 0.443 | 0.443 | 0.443 | 0.443 | 0.443 | 0.443 | 0.443 | 0.443 | 0.443 |
| 100 | 0.468 | 0.468 | 0.468 | 0.468 | 0.468 | 0.468 | 0.468 | 0.468 | 0.468 | 0.468 |
| 101 | 0.497 | 0.497 | 0.497 | 0.497 | 0.497 | 0.497 | 0.497 | 0.497 | 0.497 | 0.497 |
| 102 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 | 0.523 |
| 103 | 0.551 | 0.551 | 0.551 | 0.551 | 0.551 | 0.551 | 0.551 | 0.551 | 0.551 | 0.551 |
| 104 | 0.577 | 0.577 | 0.577 | 0.577 | 0.577 | 0.577 | 0.577 | 0.577 | 0.577 | 0.577 |
| 105 | 0.605 | 0.605 | 0.605 | 0.605 | 0.605 | 0.605 | 0.605 | 0.605 | 0.605 | 0.605 |
| 106 | 0.637 | 0.637 | 0.637 | 0.637 | 0.637 | 0.637 | 0.637 | 0.637 | 0.637 | 0.637 |
| 107 | 0.663 | 0.663 | 0.663 | 0.663 | 0.663 | 0.663 | 0.663 | 0.663 | 0.663 | 0.663 |
| 108 | 0.691 | 0.691 | 0.691 | 0.691 | 0.691 | 0.691 | 0.691 | 0.691 | 0.691 | 0.691 |
| 109 | 0.720 | 0.720 | 0.720 | 0.720 | 0.720 | 0.720 | 0.720 | 0.720 | 0.720 | 0.720 |

IES INDOOR REPORT

PHOTOMETRIC FILENAME : STEPID-2248510-CLY6-5CS-WH-FR 2700K_IESNA95.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 110 | 0.748 | 0.748 | 0.748 | 0.748 | 0.748 | 0.748 | 0.748 | 0.748 | 0.748 | 0.748 |
| 111 | 0.780 | 0.780 | 0.780 | 0.780 | 0.780 | 0.780 | 0.780 | 0.780 | 0.780 | 0.780 |
| 112 | 0.805 | 0.805 | 0.805 | 0.805 | 0.805 | 0.805 | 0.805 | 0.805 | 0.805 | 0.805 |
| 113 | 0.837 | 0.837 | 0.837 | 0.837 | 0.837 | 0.837 | 0.837 | 0.837 | 0.837 | 0.837 |
| 114 | 0.865 | 0.865 | 0.865 | 0.865 | 0.865 | 0.865 | 0.865 | 0.865 | 0.865 | 0.865 |
| 115 | 0.897 | 0.897 | 0.897 | 0.897 | 0.897 | 0.897 | 0.897 | 0.897 | 0.897 | 0.897 |
| 116 | 0.920 | 0.920 | 0.920 | 0.920 | 0.920 | 0.920 | 0.920 | 0.920 | 0.920 | 0.920 |
| 117 | 0.948 | 0.948 | 0.948 | 0.948 | 0.948 | 0.948 | 0.948 | 0.948 | 0.948 | 0.948 |
| 118 | 0.980 | 0.980 | 0.980 | 0.980 | 0.980 | 0.980 | 0.980 | 0.980 | 0.980 | 0.980 |
| 119 | 1.008 | 1.008 | 1.008 | 1.008 | 1.008 | 1.008 | 1.008 | 1.008 | 1.008 | 1.008 |
| 120 | 1.034 | 1.034 | 1.034 | 1.034 | 1.034 | 1.034 | 1.034 | 1.034 | 1.034 | 1.034 |
| 121 | 1.065 | 1.065 | 1.065 | 1.065 | 1.065 | 1.065 | 1.065 | 1.065 | 1.065 | 1.065 |
| 122 | 1.088 | 1.088 | 1.088 | 1.088 | 1.088 | 1.088 | 1.088 | 1.088 | 1.088 | 1.088 |
| 123 | 1.120 | 1.120 | 1.120 | 1.120 | 1.120 | 1.120 | 1.120 | 1.120 | 1.120 | 1.120 |
| 124 | 1.143 | 1.143 | 1.143 | 1.143 | 1.143 | 1.143 | 1.143 | 1.143 | 1.143 | 1.143 |
| 125 | 1.166 | 1.166 | 1.166 | 1.166 | 1.166 | 1.166 | 1.166 | 1.166 | 1.166 | 1.166 |
| 126 | 1.188 | 1.188 | 1.188 | 1.188 | 1.188 | 1.188 | 1.188 | 1.188 | 1.188 | 1.188 |
| 127 | 1.217 | 1.217 | 1.217 | 1.217 | 1.217 | 1.217 | 1.217 | 1.217 | 1.217 | 1.217 |
| 128 | 1.245 | 1.245 | 1.245 | 1.245 | 1.245 | 1.245 | 1.245 | 1.245 | 1.245 | 1.245 |
| 129 | 1.271 | 1.271 | 1.271 | 1.271 | 1.271 | 1.271 | 1.271 | 1.271 | 1.271 | 1.271 |
| 130 | 1.294 | 1.294 | 1.294 | 1.294 | 1.294 | 1.294 | 1.294 | 1.294 | 1.294 | 1.294 |
| 131 | 1.317 | 1.317 | 1.317 | 1.317 | 1.317 | 1.317 | 1.317 | 1.317 | 1.317 | 1.317 |
| 132 | 1.343 | 1.343 | 1.343 | 1.343 | 1.343 | 1.343 | 1.343 | 1.343 | 1.343 | 1.343 |
| 133 | 1.366 | 1.366 | 1.366 | 1.366 | 1.366 | 1.366 | 1.366 | 1.366 | 1.366 | 1.366 |
| 134 | 1.391 | 1.391 | 1.391 | 1.391 | 1.391 | 1.391 | 1.391 | 1.391 | 1.391 | 1.391 |
| 135 | 1.406 | 1.406 | 1.406 | 1.406 | 1.406 | 1.406 | 1.406 | 1.406 | 1.406 | 1.406 |
| 136 | 1.428 | 1.428 | 1.428 | 1.428 | 1.428 | 1.428 | 1.428 | 1.428 | 1.428 | 1.428 |
| 137 | 1.449 | 1.449 | 1.449 | 1.449 | 1.449 | 1.449 | 1.449 | 1.449 | 1.449 | 1.449 |
| 138 | 1.469 | 1.469 | 1.469 | 1.469 | 1.469 | 1.469 | 1.469 | 1.469 | 1.469 | 1.469 |
| 139 | 1.486 | 1.486 | 1.486 | 1.486 | 1.486 | 1.486 | 1.486 | 1.486 | 1.486 | 1.486 |
| 140 | 1.500 | 1.500 | 1.500 | 1.500 | 1.500 | 1.500 | 1.500 | 1.500 | 1.500 | 1.500 |
| 141 | 1.517 | 1.517 | 1.517 | 1.517 | 1.517 | 1.517 | 1.517 | 1.517 | 1.517 | 1.517 |
| 142 | 1.537 | 1.537 | 1.537 | 1.537 | 1.537 | 1.537 | 1.537 | 1.537 | 1.537 | 1.537 |
| 143 | 1.560 | 1.560 | 1.560 | 1.560 | 1.560 | 1.560 | 1.560 | 1.560 | 1.560 | 1.560 |
| 144 | 1.563 | 1.563 | 1.563 | 1.563 | 1.563 | 1.563 | 1.563 | 1.563 | 1.563 | 1.563 |
| 145 | 1.571 | 1.571 | 1.571 | 1.571 | 1.571 | 1.571 | 1.571 | 1.571 | 1.571 | 1.571 |
| 146 | 1.586 | 1.586 | 1.586 | 1.586 | 1.586 | 1.586 | 1.586 | 1.586 | 1.586 | 1.586 |
| 147 | 1.600 | 1.600 | 1.600 | 1.600 | 1.600 | 1.600 | 1.600 | 1.600 | 1.600 | 1.600 |
| 148 | 1.611 | 1.611 | 1.611 | 1.611 | 1.611 | 1.611 | 1.611 | 1.611 | 1.611 | 1.611 |
| 149 | 1.626 | 1.626 | 1.626 | 1.626 | 1.626 | 1.626 | 1.626 | 1.626 | 1.626 | 1.626 |
| 150 | 1.632 | 1.632 | 1.632 | 1.632 | 1.632 | 1.632 | 1.632 | 1.632 | 1.632 | 1.632 |
| 151 | 1.648 | 1.648 | 1.648 | 1.648 | 1.648 | 1.648 | 1.648 | 1.648 | 1.648 | 1.648 |
| 152 | 1.663 | 1.663 | 1.663 | 1.663 | 1.663 | 1.663 | 1.663 | 1.663 | 1.663 | 1.663 |
| 153 | 1.669 | 1.669 | 1.669 | 1.669 | 1.669 | 1.669 | 1.669 | 1.669 | 1.669 | 1.669 |
| 154 | 1.689 | 1.689 | 1.689 | 1.689 | 1.689 | 1.689 | 1.689 | 1.689 | 1.689 | 1.689 |
| 155 | 1.700 | 1.700 | 1.700 | 1.700 | 1.700 | 1.700 | 1.700 | 1.700 | 1.700 | 1.700 |
| 156 | 1.711 | 1.711 | 1.711 | 1.711 | 1.711 | 1.711 | 1.711 | 1.711 | 1.711 | 1.711 |
| 157 | 1.723 | 1.723 | 1.723 | 1.723 | 1.723 | 1.723 | 1.723 | 1.723 | 1.723 | 1.723 |
| 158 | 1.743 | 1.743 | 1.743 | 1.743 | 1.743 | 1.743 | 1.743 | 1.743 | 1.743 | 1.743 |
| 159 | 1.757 | 1.757 | 1.757 | 1.757 | 1.757 | 1.757 | 1.757 | 1.757 | 1.757 | 1.757 |
| 160 | 1.777 | 1.777 | 1.777 | 1.777 | 1.777 | 1.777 | 1.777 | 1.777 | 1.777 | 1.777 |
| 161 | 1.797 | 1.797 | 1.797 | 1.797 | 1.797 | 1.797 | 1.797 | 1.797 | 1.797 | 1.797 |
| 162 | 1.811 | 1.811 | 1.811 | 1.811 | 1.811 | 1.811 | 1.811 | 1.811 | 1.811 | 1.811 |
| 163 | 1.823 | 1.823 | 1.823 | 1.823 | 1.823 | 1.823 | 1.823 | 1.823 | 1.823 | 1.823 |
| 164 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 |
| 165 | 1.854 | 1.854 | 1.854 | 1.854 | 1.854 | 1.854 | 1.854 | 1.854 | 1.854 | 1.854 |

IES INDOOR REPORT

PHOTOMETRIC FILENAME : STEPID-2248510-CLY6-5CS-WH-FR 2700K_IESNA95.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 166 | 1.871 | 1.871 | 1.871 | 1.871 | 1.871 | 1.871 | 1.871 | 1.871 | 1.871 | 1.871 |
| 167 | 1.883 | 1.883 | 1.883 | 1.883 | 1.883 | 1.883 | 1.883 | 1.883 | 1.883 | 1.883 |
| 168 | 1.894 | 1.894 | 1.894 | 1.894 | 1.894 | 1.894 | 1.894 | 1.894 | 1.894 | 1.894 |
| 169 | 1.898 | 1.898 | 1.898 | 1.898 | 1.898 | 1.898 | 1.898 | 1.898 | 1.898 | 1.898 |
| 170 | 1.901 | 1.901 | 1.901 | 1.901 | 1.901 | 1.901 | 1.901 | 1.901 | 1.901 | 1.901 |
| 171 | 1.905 | 1.905 | 1.905 | 1.905 | 1.905 | 1.905 | 1.905 | 1.905 | 1.905 | 1.905 |
| 172 | 1.903 | 1.903 | 1.903 | 1.903 | 1.903 | 1.903 | 1.903 | 1.903 | 1.903 | 1.903 |
| 173 | 1.902 | 1.902 | 1.902 | 1.902 | 1.902 | 1.902 | 1.902 | 1.902 | 1.902 | 1.902 |
| 174 | 1.900 | 1.900 | 1.900 | 1.900 | 1.900 | 1.900 | 1.900 | 1.900 | 1.900 | 1.900 |
| 175 | 1.899 | 1.899 | 1.899 | 1.899 | 1.899 | 1.899 | 1.899 | 1.899 | 1.899 | 1.899 |
| 176 | 1.897 | 1.897 | 1.897 | 1.897 | 1.897 | 1.897 | 1.897 | 1.897 | 1.897 | 1.897 |
| 177 | 1.897 | 1.897 | 1.897 | 1.897 | 1.897 | 1.897 | 1.897 | 1.897 | 1.897 | 1.897 |
| 178 | 1.895 | 1.895 | 1.895 | 1.895 | 1.895 | 1.895 | 1.895 | 1.895 | 1.895 | 1.895 |
| 179 | 1.894 | 1.894 | 1.894 | 1.894 | 1.894 | 1.894 | 1.894 | 1.894 | 1.894 | 1.894 |
| 180 | 1.892 | 1.892 | 1.892 | 1.892 | 1.892 | 1.892 | 1.892 | 1.892 | 1.892 | 1.892 |

Vert. Horizontal Angles

| | <u>300</u> | <u>330</u> | <u>360</u> |
|----|------------|------------|------------|
| 0 | 359.260 | 359.260 | 359.260 |
| 1 | 359.690 | 359.690 | 359.690 |
| 2 | 359.450 | 359.450 | 359.450 |
| 3 | 358.650 | 358.650 | 358.650 |
| 4 | 358.330 | 358.330 | 358.330 |
| 5 | 357.100 | 357.100 | 357.100 |
| 6 | 356.810 | 356.810 | 356.810 |
| 7 | 355.430 | 355.430 | 355.430 |
| 8 | 354.010 | 354.010 | 354.010 |
| 9 | 352.770 | 352.770 | 352.770 |
| 10 | 352.200 | 352.200 | 352.200 |
| 11 | 350.510 | 350.510 | 350.510 |
| 12 | 348.840 | 348.840 | 348.840 |
| 13 | 347.220 | 347.220 | 347.220 |
| 14 | 345.210 | 345.210 | 345.210 |
| 15 | 343.480 | 343.480 | 343.480 |
| 16 | 340.830 | 340.830 | 340.830 |
| 17 | 338.590 | 338.590 | 338.590 |
| 18 | 336.510 | 336.510 | 336.510 |
| 19 | 333.920 | 333.920 | 333.920 |
| 20 | 331.100 | 331.100 | 331.100 |
| 21 | 328.340 | 328.340 | 328.340 |
| 22 | 325.090 | 325.090 | 325.090 |
| 23 | 322.150 | 322.150 | 322.150 |
| 24 | 319.230 | 319.230 | 319.230 |
| 25 | 315.460 | 315.460 | 315.460 |
| 26 | 311.960 | 311.960 | 311.960 |
| 27 | 309.140 | 309.140 | 309.140 |
| 28 | 305.250 | 305.250 | 305.250 |
| 29 | 301.310 | 301.310 | 301.310 |
| 30 | 298.140 | 298.140 | 298.140 |
| 31 | 294.430 | 294.430 | 294.430 |
| 32 | 290.160 | 290.160 | 290.160 |
| 33 | 285.490 | 285.490 | 285.490 |
| 34 | 281.390 | 281.390 | 281.390 |
| 35 | 277.210 | 277.210 | 277.210 |
| 36 | 272.810 | 272.810 | 272.810 |

IES INDOOR REPORT**PHOTOMETRIC FILENAME : STEPID-2248510-CLY6-5CS-WH-FR 2700K_IESNA95.IES****CANDELA TABULATION - (Cont.)**

| | | | |
|----|---------|---------|---------|
| 37 | 268.870 | 268.870 | 268.870 |
| 38 | 264.240 | 264.240 | 264.240 |
| 39 | 259.870 | 259.870 | 259.870 |
| 40 | 254.950 | 254.950 | 254.950 |
| 41 | 250.420 | 250.420 | 250.420 |
| 42 | 245.350 | 245.350 | 245.350 |
| 43 | 240.230 | 240.230 | 240.230 |
| 44 | 235.030 | 235.030 | 235.030 |
| 45 | 230.560 | 230.560 | 230.560 |
| 46 | 224.840 | 224.840 | 224.840 |
| 47 | 219.810 | 219.810 | 219.810 |
| 48 | 215.010 | 215.010 | 215.010 |
| 49 | 209.470 | 209.470 | 209.470 |
| 50 | 204.210 | 204.210 | 204.210 |
| 51 | 198.790 | 198.790 | 198.790 |
| 52 | 193.000 | 193.000 | 193.000 |
| 53 | 187.270 | 187.270 | 187.270 |
| 54 | 181.870 | 181.870 | 181.870 |
| 55 | 176.540 | 176.540 | 176.540 |
| 56 | 170.570 | 170.570 | 170.570 |
| 57 | 164.900 | 164.900 | 164.900 |
| 58 | 159.350 | 159.350 | 159.350 |
| 59 | 153.740 | 153.740 | 153.740 |
| 60 | 148.040 | 148.040 | 148.040 |
| 61 | 141.870 | 141.870 | 141.870 |
| 62 | 136.400 | 136.400 | 136.400 |
| 63 | 130.370 | 130.370 | 130.370 |
| 64 | 124.970 | 124.970 | 124.970 |
| 65 | 119.000 | 119.000 | 119.000 |
| 66 | 113.320 | 113.320 | 113.320 |
| 67 | 107.340 | 107.340 | 107.340 |
| 68 | 101.760 | 101.760 | 101.760 |
| 69 | 95.910 | 95.910 | 95.910 |
| 70 | 90.206 | 90.206 | 90.206 |
| 71 | 84.504 | 84.504 | 84.504 |
| 72 | 79.075 | 79.075 | 79.075 |
| 73 | 73.630 | 73.630 | 73.630 |
| 74 | 67.895 | 67.895 | 67.895 |
| 75 | 62.435 | 62.435 | 62.435 |
| 76 | 57.098 | 57.098 | 57.098 |
| 77 | 51.872 | 51.872 | 51.872 |
| 78 | 46.512 | 46.512 | 46.512 |
| 79 | 41.275 | 41.275 | 41.275 |
| 80 | 36.070 | 36.070 | 36.070 |
| 81 | 31.094 | 31.094 | 31.094 |
| 82 | 26.121 | 26.121 | 26.121 |
| 83 | 21.091 | 21.091 | 21.091 |
| 84 | 16.233 | 16.233 | 16.233 |
| 85 | 11.264 | 11.264 | 11.264 |
| 86 | 6.065 | 6.065 | 6.065 |
| 87 | 1.889 | 1.889 | 1.889 |
| 88 | 0.284 | 0.284 | 0.284 |
| 89 | 0.249 | 0.249 | 0.249 |
| 90 | 0.251 | 0.251 | 0.251 |
| 91 | 0.268 | 0.268 | 0.268 |
| 92 | 0.286 | 0.286 | 0.286 |

IES INDOOR REPORT**PHOTOMETRIC FILENAME : STEPID-2248510-CLY6-5CS-WH-FR 2700K_IESNA95.IES****CANDELA TABULATION - (Cont.)**

| | | | |
|-----|-------|-------|-------|
| 93 | 0.308 | 0.308 | 0.308 |
| 94 | 0.326 | 0.326 | 0.326 |
| 95 | 0.348 | 0.348 | 0.348 |
| 96 | 0.371 | 0.371 | 0.371 |
| 97 | 0.397 | 0.397 | 0.397 |
| 98 | 0.420 | 0.420 | 0.420 |
| 99 | 0.443 | 0.443 | 0.443 |
| 100 | 0.468 | 0.468 | 0.468 |
| 101 | 0.497 | 0.497 | 0.497 |
| 102 | 0.523 | 0.523 | 0.523 |
| 103 | 0.551 | 0.551 | 0.551 |
| 104 | 0.577 | 0.577 | 0.577 |
| 105 | 0.605 | 0.605 | 0.605 |
| 106 | 0.637 | 0.637 | 0.637 |
| 107 | 0.663 | 0.663 | 0.663 |
| 108 | 0.691 | 0.691 | 0.691 |
| 109 | 0.720 | 0.720 | 0.720 |
| 110 | 0.748 | 0.748 | 0.748 |
| 111 | 0.780 | 0.780 | 0.780 |
| 112 | 0.805 | 0.805 | 0.805 |
| 113 | 0.837 | 0.837 | 0.837 |
| 114 | 0.865 | 0.865 | 0.865 |
| 115 | 0.897 | 0.897 | 0.897 |
| 116 | 0.920 | 0.920 | 0.920 |
| 117 | 0.948 | 0.948 | 0.948 |
| 118 | 0.980 | 0.980 | 0.980 |
| 119 | 1.008 | 1.008 | 1.008 |
| 120 | 1.034 | 1.034 | 1.034 |
| 121 | 1.065 | 1.065 | 1.065 |
| 122 | 1.088 | 1.088 | 1.088 |
| 123 | 1.120 | 1.120 | 1.120 |
| 124 | 1.143 | 1.143 | 1.143 |
| 125 | 1.166 | 1.166 | 1.166 |
| 126 | 1.188 | 1.188 | 1.188 |
| 127 | 1.217 | 1.217 | 1.217 |
| 128 | 1.245 | 1.245 | 1.245 |
| 129 | 1.271 | 1.271 | 1.271 |
| 130 | 1.294 | 1.294 | 1.294 |
| 131 | 1.317 | 1.317 | 1.317 |
| 132 | 1.343 | 1.343 | 1.343 |
| 133 | 1.366 | 1.366 | 1.366 |
| 134 | 1.391 | 1.391 | 1.391 |
| 135 | 1.406 | 1.406 | 1.406 |
| 136 | 1.428 | 1.428 | 1.428 |
| 137 | 1.449 | 1.449 | 1.449 |
| 138 | 1.469 | 1.469 | 1.469 |
| 139 | 1.486 | 1.486 | 1.486 |
| 140 | 1.500 | 1.500 | 1.500 |
| 141 | 1.517 | 1.517 | 1.517 |
| 142 | 1.537 | 1.537 | 1.537 |
| 143 | 1.560 | 1.560 | 1.560 |
| 144 | 1.563 | 1.563 | 1.563 |
| 145 | 1.571 | 1.571 | 1.571 |
| 146 | 1.586 | 1.586 | 1.586 |
| 147 | 1.600 | 1.600 | 1.600 |
| 148 | 1.611 | 1.611 | 1.611 |

IES INDOOR REPORT**PHOTOMETRIC FILENAME : STEPID-2248510-CLY6-5CS-WH-FR 2700K_IESNA95.IES****CANDELA TABULATION - (Cont.)**

| | | | |
|------------|-------|-------|-------|
| 149 | 1.626 | 1.626 | 1.626 |
| 150 | 1.632 | 1.632 | 1.632 |
| 151 | 1.648 | 1.648 | 1.648 |
| 152 | 1.663 | 1.663 | 1.663 |
| 153 | 1.669 | 1.669 | 1.669 |
| 154 | 1.689 | 1.689 | 1.689 |
| 155 | 1.700 | 1.700 | 1.700 |
| 156 | 1.711 | 1.711 | 1.711 |
| 157 | 1.723 | 1.723 | 1.723 |
| 158 | 1.743 | 1.743 | 1.743 |
| 159 | 1.757 | 1.757 | 1.757 |
| 160 | 1.777 | 1.777 | 1.777 |
| 161 | 1.797 | 1.797 | 1.797 |
| 162 | 1.811 | 1.811 | 1.811 |
| 163 | 1.823 | 1.823 | 1.823 |
| 164 | 1.840 | 1.840 | 1.840 |
| 165 | 1.854 | 1.854 | 1.854 |
| 166 | 1.871 | 1.871 | 1.871 |
| 167 | 1.883 | 1.883 | 1.883 |
| 168 | 1.894 | 1.894 | 1.894 |
| 169 | 1.898 | 1.898 | 1.898 |
| 170 | 1.901 | 1.901 | 1.901 |
| 171 | 1.905 | 1.905 | 1.905 |
| 172 | 1.903 | 1.903 | 1.903 |
| 173 | 1.902 | 1.902 | 1.902 |
| 174 | 1.900 | 1.900 | 1.900 |
| 175 | 1.899 | 1.899 | 1.899 |
| 176 | 1.897 | 1.897 | 1.897 |
| 177 | 1.897 | 1.897 | 1.897 |
| 178 | 1.895 | 1.895 | 1.895 |
| 179 | 1.894 | 1.894 | 1.894 |
| 180 | 1.892 | 1.892 | 1.892 |

IES INDOOR REPORT**PHOTOMETRIC FILENAME : STEPID-2248510-CLY6-5CS-WH-FR 2700K_IESNA95.IES****ZONAL LUMEN SUMMARY**

| Zone | Lumens | %Lamp | %Fixt |
|---------|--------|--------|--------|
| 0-20 | 130.75 | 13.20 | 13.20 |
| 0-30 | 276.19 | 27.90 | 27.90 |
| 0-40 | 449.71 | 45.40 | 45.40 |
| 0-60 | 784.87 | 79.30 | 79.30 |
| 0-80 | 968.77 | 97.90 | 97.90 |
| 0-90 | 983.17 | 99.30 | 99.30 |
| 10-90 | 949.24 | 95.90 | 95.90 |
| 20-40 | 318.96 | 32.20 | 32.20 |
| 20-50 | 496.54 | 50.20 | 50.20 |
| 40-70 | 452.91 | 45.80 | 45.80 |
| 60-80 | 183.90 | 18.60 | 18.60 |
| 70-80 | 66.16 | 6.70 | 6.70 |
| 80-90 | 14.39 | 1.50 | 1.50 |
| 90-110 | 1.03 | 0.10 | 0.10 |
| 90-120 | 1.91 | 0.20 | 0.20 |
| 90-130 | 2.95 | 0.30 | 0.30 |
| 90-150 | 5.03 | 0.50 | 0.50 |
| 90-180 | 6.52 | 0.70 | 0.70 |
| 110-180 | 5.49 | 0.60 | 0.60 |
| 0-180 | 989.68 | 100.00 | 100.00 |

Total Luminaire Efficiency = 100.00%

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 33.93 |
| 10-20 | 96.82 |
| 20-30 | 145.44 |
| 30-40 | 173.52 |
| 40-50 | 177.58 |
| 50-60 | 157.59 |
| 60-70 | 117.74 |
| 70-80 | 66.16 |
| 80-90 | 14.39 |
| 90-100 | 0.38 |
| 100-110 | 0.64 |
| 110-120 | 0.88 |
| 120-130 | 1.04 |
| 130-140 | 1.09 |
| 140-150 | 0.99 |
| 150-160 | 0.79 |
| 160-170 | 0.52 |
| 170-180 | 0.18 |

IES INDOOR REPORT

PHOTOMETRIC FILENAME : STEPID-2248510-CLY6-5CS-WH-FR 2700K_IESNA95.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

| RC | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 101 | 101 | 101 | 99 |
| 1 | 109 | 104 | 100 | 96 | 106 | 102 | 98 | 94 | 97 | 94 | 91 | 93 | 91 | 88 | 90 | 88 | 86 | 84 |
| 2 | 99 | 91 | 84 | 78 | 96 | 89 | 83 | 77 | 85 | 80 | 76 | 82 | 78 | 74 | 79 | 75 | 72 | 70 |
| 3 | 90 | 80 | 72 | 65 | 88 | 78 | 71 | 65 | 75 | 69 | 63 | 72 | 67 | 62 | 70 | 65 | 61 | 59 |
| 4 | 83 | 71 | 62 | 55 | 80 | 69 | 61 | 55 | 67 | 60 | 54 | 64 | 58 | 53 | 62 | 57 | 52 | 50 |
| 5 | 76 | 63 | 54 | 48 | 74 | 62 | 54 | 47 | 60 | 52 | 47 | 58 | 51 | 46 | 56 | 50 | 46 | 44 |
| 6 | 70 | 57 | 48 | 42 | 68 | 56 | 48 | 41 | 54 | 47 | 41 | 52 | 46 | 41 | 51 | 45 | 40 | 38 |
| 7 | 65 | 52 | 43 | 37 | 63 | 51 | 43 | 37 | 49 | 42 | 36 | 48 | 41 | 36 | 46 | 40 | 36 | 34 |
| 8 | 61 | 47 | 39 | 33 | 59 | 46 | 38 | 33 | 45 | 38 | 32 | 44 | 37 | 32 | 43 | 37 | 32 | 30 |
| 9 | 57 | 43 | 35 | 30 | 55 | 43 | 35 | 29 | 41 | 34 | 29 | 40 | 34 | 29 | 39 | 33 | 29 | 27 |
| 10 | 53 | 40 | 32 | 27 | 52 | 39 | 32 | 27 | 38 | 31 | 27 | 37 | 31 | 26 | 36 | 31 | 26 | 25 |

IES INDOOR REPORT

PHOTOMETRIC FILENAME : STEPID-2248510-CLY6-5CS-WH-FR 2700K_IESNA95.IES

UGR TABLE - CORRECTED

Reflectances

| | | | | | | | | | | |
|----------------|----|----|----|----|----|----|----|----|----|----|
| Ceiling Cavity | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| Walls | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| Floor Cavity | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |

Room Size UGR Viewed Crosswise

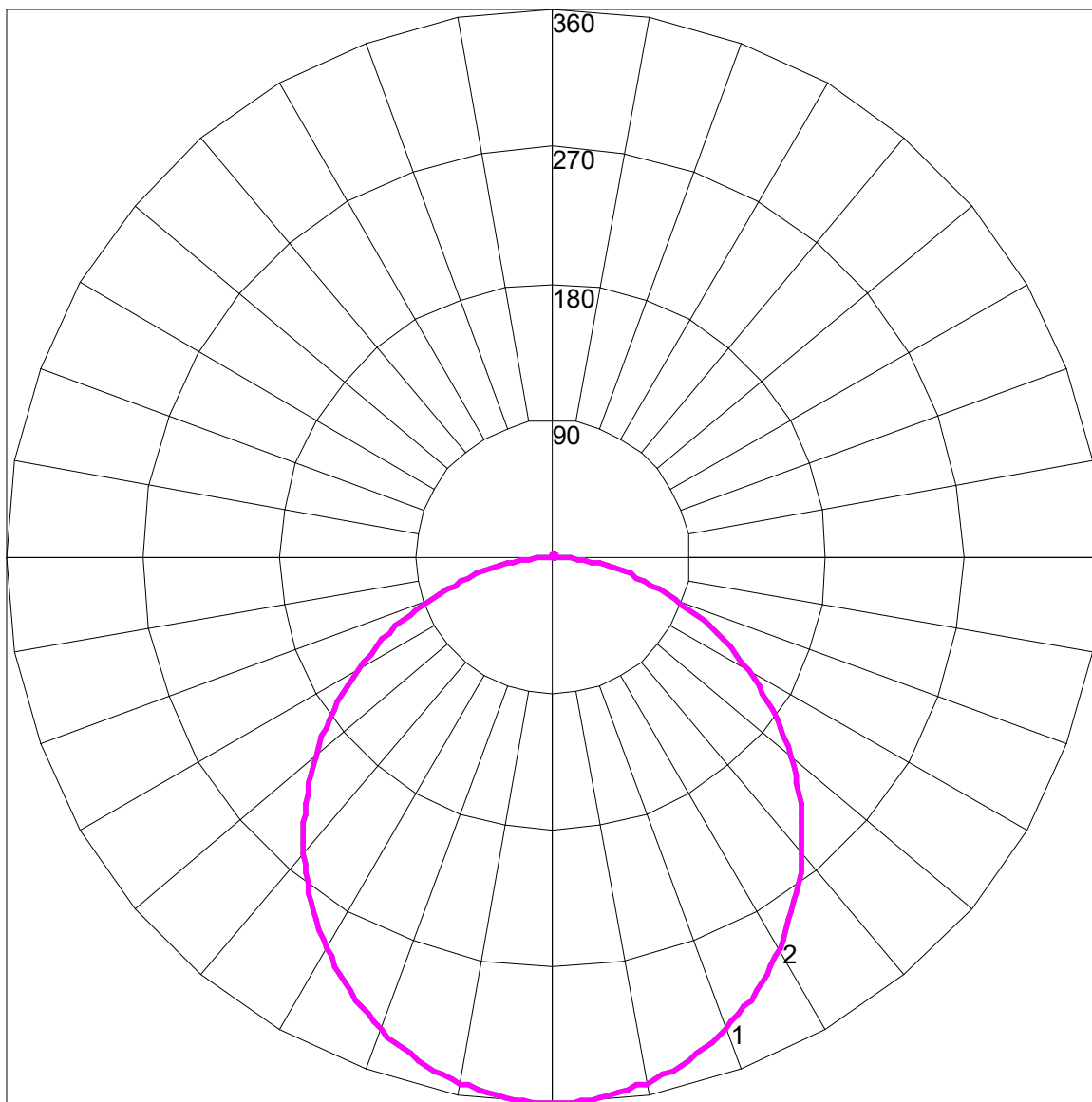
| X=2H | Y=2H | 24.0 | 25.6 | 24.3 | 25.9 | 26.2 | 24.0 | 25.6 | 24.3 | 25.9 | 26.2 |
|------|------|------|------|------|------|------|------|------|------|------|------|
| | 3H | 25.7 | 27.1 | 26.1 | 27.5 | 27.9 | 25.7 | 27.1 | 26.1 | 27.5 | 27.9 |
| | 4H | 26.3 | 27.7 | 26.8 | 28.1 | 28.5 | 26.3 | 27.7 | 26.8 | 28.1 | 28.5 |
| | 6H | 26.8 | 28.1 | 27.2 | 28.4 | 28.9 | 26.8 | 28.1 | 27.2 | 28.4 | 28.9 |
| | 8H | 26.9 | 28.1 | 27.4 | 28.5 | 29.0 | 26.9 | 28.1 | 27.4 | 28.5 | 29.0 |
| | 12H | 27.0 | 28.1 | 27.4 | 28.5 | 29.0 | 27.0 | 28.1 | 27.4 | 28.5 | 29.0 |

UGR Viewed Endwise

| | | | | | | | | | | | |
|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 4H | 2H | 24.6 | 25.9 | 25.0 | 26.3 | 26.7 | 24.6 | 25.9 | 25.0 | 26.3 | 26.7 |
| | 3H | 26.5 | 27.7 | 27.0 | 28.1 | 28.5 | 26.5 | 27.7 | 27.0 | 28.1 | 28.5 |
| | 4H | 27.3 | 28.3 | 27.8 | 28.8 | 29.2 | 27.3 | 28.3 | 27.8 | 28.8 | 29.2 |
| | 6H | 27.9 | 28.8 | 28.4 | 29.2 | 29.7 | 27.9 | 28.8 | 28.4 | 29.2 | 29.7 |
| | 8H | 28.0 | 28.9 | 28.5 | 29.3 | 29.8 | 28.0 | 28.9 | 28.5 | 29.3 | 29.8 |
| | 12H | 28.1 | 28.9 | 28.6 | 29.4 | 29.9 | 28.1 | 28.9 | 28.6 | 29.4 | 29.9 |
| 8H | 4H | 27.6 | 28.4 | 28.1 | 28.9 | 29.4 | 27.6 | 28.4 | 28.1 | 28.9 | 29.4 |
| | 6H | 28.3 | 29.0 | 28.8 | 29.5 | 30.0 | 28.3 | 29.0 | 28.8 | 29.5 | 30.0 |
| | 8H | 28.5 | 29.1 | 29.0 | 29.7 | 30.2 | 28.5 | 29.1 | 29.0 | 29.7 | 30.2 |
| | 12H | 28.6 | 29.2 | 29.2 | 29.7 | 30.3 | 28.6 | 29.2 | 29.2 | 29.7 | 30.3 |
| 12H | 4H | 27.6 | 28.4 | 28.1 | 28.9 | 29.4 | 27.6 | 28.4 | 28.1 | 28.9 | 29.4 |
| | 6H | 28.4 | 29.0 | 28.9 | 29.4 | 30.0 | 28.4 | 29.0 | 28.9 | 29.4 | 30.0 |
| | 8H | 28.6 | 29.1 | 29.1 | 29.7 | 30.2 | 28.6 | 29.1 | 29.1 | 29.7 | 30.2 |

Maximum UGR = 30.3

POLAR GRAPH



Maximum Candela = 359.69 Located At Horizontal Angle = 0, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (90 - 270)