

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L8-927-DMA-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-12

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-4-L8-927-DMA-DIM-UNV\_

[LUMINAIRE] Nominal 2" x 4' linear fixture (CRS construction)

[MORE] with diffused acrylic shielding

[OTHER] This test was performed using the calibrated photodetector method

[MORE] of absolute photometry.

[OTHER] The reported results were measured in a facility that meets the

[MORE] requirements of ANSI/IES LM-75-19. The device under test emits no

[MORE] detectable uplight as defined by ANSI/IES LM-75-19.

### CHARACTERISTICS

|                                 |                 |
|---------------------------------|-----------------|
| Lumens Per Lamp                 | N.A. (absolute) |
| Total Lamp Lumens               | N.A. (absolute) |
| Luminaire Lumens                | 2582            |
| Total Luminaire Efficiency      | N.A.            |
| Luminaire Efficacy Rating (LER) | 84              |
| Total Luminaire Watts           | 30.8            |
| Ballast Factor                  | 1.00            |
| CIE Type                        | Direct          |
| Spacing Criterion (0-180)       | 1.18            |
| Spacing Criterion (90-270)      | 1.04            |
| Spacing Criterion (Diagonal)    | 1.20            |
| Basic Luminous Shape            | Rectangular     |
| Luminous Length (0-180)         | 4.00 ft         |
| Luminous Width (90-270)         | 0.23 ft         |
| Luminous Height                 | 0.00 ft         |

### LUMINANCE DATA (cd/sq.m)

| Angle In<br>Degrees | Average<br>0-Deg | Average<br>45-Deg | Average<br>90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45                  | 11029            | 9549              | 8330              |
| 55                  | 9747             | 8175              | 6764              |
| 65                  | 8361             | 6579              | 5310              |
| 75                  | 6708             | 4691              | 3644              |
| 85                  | 4416             | 1398              | 757               |

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**CANDELA TABULATION**

|      | <u>0.0</u> | <u>22.5</u> | <u>45.0</u> | <u>67.5</u> | <u>90.0</u> |
|------|------------|-------------|-------------|-------------|-------------|
| 0.0  | 1228.219   | 1228.219    | 1228.219    | 1228.219    | 1228.219    |
| 0.5  | 1230.134   | 1226.305    | 1229.368    | 1228.602    | 1225.156    |
| 1.0  | 1229.368   | 1225.922    | 1229.368    | 1228.219    | 1224.774    |
| 1.5  | 1228.985   | 1225.156    | 1228.219    | 1227.071    | 1223.625    |
| 2.0  | 1228.602   | 1224.774    | 1227.837    | 1226.305    | 1222.476    |
| 2.5  | 1227.837   | 1224.008    | 1226.688    | 1224.774    | 1221.328    |
| 3.0  | 1227.071   | 1223.242    | 1225.539    | 1223.242    | 1219.414    |
| 3.5  | 1225.922   | 1222.094    | 1223.625    | 1220.945    | 1217.499    |
| 4.0  | 1224.774   | 1220.562    | 1222.094    | 1219.031    | 1214.819    |
| 4.5  | 1223.625   | 1219.031    | 1219.796    | 1216.351    | 1211.756    |
| 5.0  | 1222.859   | 1217.499    | 1217.882    | 1213.288    | 1209.076    |
| 5.5  | 1220.562   | 1215.585    | 1215.202    | 1210.608    | 1206.013    |
| 6.0  | 1219.031   | 1213.671    | 1212.522    | 1207.162    | 1202.568    |
| 6.5  | 1217.116   | 1211.373    | 1209.842    | 1203.333    | 1198.739    |
| 7.0  | 1214.819   | 1208.693    | 1206.779    | 1199.888    | 1194.145    |
| 7.5  | 1212.522   | 1206.396    | 1203.333    | 1195.293    | 1189.550    |
| 8.0  | 1210.225   | 1203.716    | 1199.888    | 1191.082    | 1184.573    |
| 8.5  | 1207.545   | 1200.653    | 1196.059    | 1186.487    | 1180.362    |
| 9.0  | 1204.482   | 1197.590    | 1192.230    | 1181.510    | 1175.385    |
| 9.5  | 1201.802   | 1194.910    | 1188.019    | 1176.533    | 1169.642    |
| 10.0 | 1198.739   | 1191.465    | 1183.807    | 1171.173    | 1163.899    |
| 10.5 | 1196.059   | 1188.019    | 1179.213    | 1165.430    | 1157.773    |
| 11.0 | 1192.613   | 1184.190    | 1174.236    | 1159.687    | 1150.881    |
| 11.5 | 1189.550   | 1180.745    | 1169.259    | 1153.561    | 1145.138    |
| 12.0 | 1187.253   | 1177.299    | 1163.899    | 1147.436    | 1138.630    |
| 12.5 | 1182.276   | 1173.470    | 1158.539    | 1140.544    | 1132.121    |
| 13.0 | 1177.682   | 1168.876    | 1153.179    | 1134.035    | 1124.847    |
| 13.5 | 1173.853   | 1163.516    | 1147.436    | 1127.527    | 1117.572    |
| 14.0 | 1169.259   | 1158.539    | 1141.310    | 1120.252    | 1110.298    |
| 14.5 | 1164.664   | 1153.179    | 1135.184    | 1112.978    | 1102.641    |
| 15.0 | 1160.070   | 1148.201    | 1129.441    | 1105.704    | 1094.601    |
| 15.5 | 1155.476   | 1143.224    | 1123.315    | 1097.664    | 1086.561    |
| 16.0 | 1150.499   | 1137.864    | 1117.190    | 1090.006    | 1078.903    |
| 16.5 | 1145.904   | 1132.121    | 1110.298    | 1082.349    | 1070.480    |
| 17.0 | 1140.161   | 1126.378    | 1102.641    | 1073.926    | 1061.675    |
| 17.5 | 1134.801   | 1120.635    | 1095.366    | 1065.886    | 1053.252    |
| 18.0 | 1129.824   | 1114.510    | 1088.092    | 1057.463    | 1044.063    |
| 18.5 | 1123.698   | 1108.384    | 1080.435    | 1048.657    | 1035.257    |
| 19.0 | 1117.955   | 1102.258    | 1072.778    | 1040.617    | 1026.451    |
| 19.5 | 1112.595   | 1095.749    | 1065.120    | 1031.429    | 1016.497    |
| 20.0 | 1106.087   | 1089.241    | 1057.463    | 1022.240    | 1007.308    |
| 20.5 | 1100.344   | 1083.115    | 1049.806    | 1013.434    | 998.120     |
| 21.0 | 1094.218   | 1076.223    | 1041.383    | 1004.628    | 988.548     |
| 21.5 | 1087.709   | 1069.332    | 1032.960    | 995.440     | 978.977     |
| 22.0 | 1081.201   | 1062.440    | 1024.920    | 985.868     | 969.405     |
| 22.5 | 1074.692   | 1055.166    | 1016.880    | 976.297     | 959.834     |
| 23.0 | 1067.800   | 1048.275    | 1008.074    | 966.725     | 949.879     |
| 23.5 | 1061.292   | 1041.000    | 999.268     | 957.536     | 939.925     |
| 24.0 | 1053.635   | 1033.343    | 990.462     | 947.582     | 930.353     |
| 24.5 | 1046.743   | 1025.686    | 981.274     | 938.010     | 920.399     |
| 25.0 | 1039.469   | 1018.028    | 972.851     | 928.056     | 910.444     |
| 25.5 | 1032.194   | 1010.371    | 963.662     | 918.102     | 900.107     |
| 26.0 | 1024.920   | 1001.948    | 954.473     | 908.530     | 890.153     |
| 26.5 | 1017.263   | 994.291     | 945.285     | 898.576     | 879.816     |

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**CANDELA TABULATION - (Cont.)**

|      |          |         |         |         |         |
|------|----------|---------|---------|---------|---------|
| 27.0 | 1009.223 | 985.868 | 936.096 | 888.621 | 869.861 |
| 27.5 | 1001.183 | 977.828 | 926.525 | 878.667 | 859.524 |
| 28.0 | 992.377  | 969.405 | 917.336 | 868.713 | 849.187 |
| 28.5 | 983.571  | 960.982 | 908.147 | 859.141 | 838.849 |
| 29.0 | 975.531  | 952.559 | 898.193 | 848.804 | 828.512 |
| 29.5 | 967.491  | 943.753 | 888.621 | 838.466 | 817.792 |
| 30.0 | 958.685  | 934.948 | 879.433 | 828.512 | 808.220 |
| 30.5 | 950.645  | 926.525 | 869.861 | 818.175 | 797.883 |
| 31.0 | 941.839  | 917.719 | 860.290 | 807.838 | 787.929 |
| 31.5 | 933.799  | 908.530 | 850.335 | 797.883 | 777.974 |
| 32.0 | 924.993  | 899.341 | 840.764 | 787.546 | 767.637 |
| 32.5 | 916.187  | 890.153 | 830.809 | 776.826 | 757.300 |
| 33.0 | 907.764  | 880.964 | 821.238 | 766.871 | 747.345 |
| 33.5 | 898.959  | 872.158 | 811.666 | 757.300 | 737.391 |
| 34.0 | 889.770  | 862.587 | 801.712 | 746.963 | 727.054 |
| 34.5 | 880.964  | 853.398 | 792.140 | 737.008 | 717.482 |
| 35.0 | 871.775  | 844.209 | 782.186 | 727.054 | 706.762 |
| 35.5 | 863.352  | 834.638 | 772.231 | 717.099 | 696.425 |
| 36.0 | 854.164  | 825.449 | 762.660 | 706.762 | 685.322 |
| 36.5 | 844.975  | 815.878 | 752.706 | 696.425 | 675.750 |
| 37.0 | 836.169  | 806.306 | 742.751 | 685.705 | 665.796 |
| 37.5 | 826.598  | 796.735 | 733.562 | 675.750 | 656.224 |
| 38.0 | 816.643  | 787.546 | 723.608 | 666.179 | 646.270 |
| 38.5 | 807.455  | 777.592 | 713.654 | 656.607 | 636.699 |
| 39.0 | 798.649  | 768.020 | 702.934 | 646.653 | 627.127 |
| 39.5 | 788.694  | 758.448 | 692.596 | 637.081 | 617.555 |
| 40.0 | 779.506  | 748.877 | 682.642 | 627.893 | 607.984 |
| 40.5 | 769.934  | 739.305 | 673.070 | 617.938 | 598.412 |
| 41.0 | 759.597  | 729.734 | 663.499 | 608.750 | 588.841 |
| 41.5 | 750.025  | 719.779 | 653.544 | 599.178 | 579.652 |
| 42.0 | 740.071  | 709.825 | 644.356 | 589.989 | 570.081 |
| 42.5 | 730.117  | 699.488 | 634.401 | 580.418 | 560.892 |
| 43.0 | 720.545  | 688.768 | 625.596 | 571.229 | 551.320 |
| 43.5 | 710.208  | 679.196 | 616.024 | 562.041 | 541.749 |
| 44.0 | 699.488  | 669.625 | 606.452 | 552.852 | 532.177 |
| 44.5 | 688.385  | 659.670 | 597.264 | 543.663 | 522.606 |
| 45.0 | 678.813  | 650.099 | 587.692 | 534.475 | 512.651 |
| 45.5 | 669.242  | 640.527 | 578.504 | 525.286 | 503.080 |
| 46.0 | 659.287  | 630.956 | 568.932 | 515.714 | 493.891 |
| 46.5 | 649.333  | 621.384 | 559.743 | 506.526 | 484.320 |
| 47.0 | 639.379  | 611.813 | 550.938 | 496.954 | 475.131 |
| 47.5 | 629.807  | 602.241 | 541.749 | 487.765 | 465.942 |
| 48.0 | 619.853  | 592.669 | 532.560 | 478.194 | 456.754 |
| 48.5 | 610.281  | 583.481 | 523.372 | 469.005 | 447.565 |
| 49.0 | 600.710  | 573.909 | 514.566 | 459.817 | 438.376 |
| 49.5 | 590.755  | 564.338 | 505.377 | 450.628 | 429.570 |
| 50.0 | 581.566  | 555.149 | 496.571 | 441.822 | 421.148 |
| 50.5 | 571.995  | 545.578 | 487.765 | 432.633 | 412.342 |
| 51.0 | 562.423  | 536.389 | 478.960 | 423.828 | 403.536 |
| 51.5 | 552.852  | 527.200 | 470.154 | 415.022 | 395.113 |
| 52.0 | 543.280  | 518.011 | 461.348 | 406.216 | 386.690 |
| 52.5 | 534.092  | 508.823 | 452.542 | 397.793 | 378.190 |
| 53.0 | 524.520  | 500.017 | 443.736 | 388.987 | 369.653 |
| 53.5 | 514.949  | 490.828 | 434.931 | 380.526 | 361.919 |
| 54.0 | 505.377  | 481.640 | 426.125 | 372.065 | 353.534 |
| 54.5 | 496.188  | 472.451 | 416.936 | 363.757 | 345.494 |

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**CANDELA TABULATION - (Cont.)**

|      |         |         |         |         |         |
|------|---------|---------|---------|---------|---------|
| 55.0 | 486.617 | 463.645 | 408.130 | 355.295 | 337.684 |
| 55.5 | 477.428 | 454.839 | 399.324 | 347.140 | 329.873 |
| 56.0 | 467.857 | 446.034 | 390.136 | 338.947 | 321.986 |
| 56.5 | 458.668 | 436.845 | 381.483 | 330.984 | 314.061 |
| 57.0 | 449.096 | 428.422 | 372.792 | 322.944 | 306.481 |
| 57.5 | 440.291 | 419.616 | 364.101 | 315.095 | 298.823 |
| 58.0 | 431.102 | 410.810 | 355.449 | 307.285 | 291.434 |
| 58.5 | 421.530 | 402.004 | 346.987 | 299.551 | 283.930 |
| 59.0 | 412.725 | 393.199 | 338.449 | 291.932 | 276.503 |
| 59.5 | 403.536 | 384.776 | 329.988 | 284.313 | 269.305 |
| 60.0 | 394.730 | 376.123 | 321.680 | 276.924 | 262.260 |
| 60.5 | 385.541 | 367.700 | 313.525 | 269.420 | 255.101 |
| 61.0 | 376.659 | 359.239 | 305.370 | 261.992 | 248.132 |
| 61.5 | 367.777 | 350.816 | 297.215 | 254.718 | 241.356 |
| 62.0 | 358.933 | 342.393 | 289.099 | 247.750 | 234.503 |
| 62.5 | 350.280 | 334.161 | 281.059 | 240.667 | 227.688 |
| 63.0 | 341.627 | 325.968 | 273.133 | 233.622 | 221.102 |
| 63.5 | 333.166 | 317.852 | 265.208 | 226.692 | 214.670 |
| 64.0 | 324.437 | 309.697 | 257.436 | 219.877 | 208.047 |
| 64.5 | 315.937 | 301.657 | 249.702 | 213.101 | 201.653 |
| 65.0 | 307.553 | 293.578 | 242.007 | 206.439 | 195.336 |
| 65.5 | 299.130 | 285.576 | 234.388 | 199.777 | 189.019 |
| 66.0 | 290.860 | 277.766 | 226.845 | 193.307 | 182.778 |
| 66.5 | 282.667 | 269.879 | 219.456 | 186.760 | 176.691 |
| 67.0 | 274.358 | 261.992 | 211.990 | 180.366 | 170.641 |
| 67.5 | 266.204 | 254.220 | 204.754 | 174.049 | 164.554 |
| 68.0 | 258.202 | 246.295 | 197.403 | 167.770 | 158.619 |
| 68.5 | 250.162 | 238.331 | 190.359 | 161.644 | 152.723 |
| 69.0 | 242.198 | 230.215 | 183.314 | 155.480 | 146.904 |
| 69.5 | 234.273 | 222.328 | 176.346 | 149.469 | 141.238 |
| 70.0 | 226.309 | 214.402 | 169.454 | 143.535 | 135.418 |
| 70.5 | 218.422 | 206.477 | 162.640 | 137.639 | 129.905 |
| 71.0 | 210.574 | 198.667 | 155.901 | 131.781 | 124.315 |
| 71.5 | 202.955 | 190.971 | 149.278 | 126.076 | 118.725 |
| 72.0 | 195.451 | 183.352 | 142.769 | 120.333 | 113.250 |
| 72.5 | 187.755 | 175.925 | 136.337 | 114.744 | 107.852 |
| 73.0 | 180.289 | 168.459 | 130.020 | 109.192 | 102.607 |
| 73.5 | 172.785 | 161.032 | 123.817 | 103.679 | 97.285  |
| 74.0 | 165.549 | 153.872 | 117.692 | 98.395  | 92.193  |
| 74.5 | 158.275 | 146.712 | 111.681 | 92.997  | 87.101  |
| 75.0 | 151.115 | 139.591 | 105.670 | 87.752  | 82.085  |
| 75.5 | 143.994 | 132.700 | 99.850  | 82.583  | 77.261  |
| 76.0 | 137.141 | 125.808 | 94.146  | 77.606  | 72.437  |
| 76.5 | 130.326 | 119.146 | 88.479  | 72.705  | 67.805  |
| 77.0 | 123.588 | 112.408 | 82.966  | 67.843  | 63.364  |
| 77.5 | 117.002 | 105.861 | 77.529  | 63.172  | 58.922  |
| 78.0 | 110.456 | 99.429  | 72.169  | 58.616  | 54.596  |
| 78.5 | 104.100 | 93.112  | 66.848  | 54.175  | 50.385  |
| 79.0 | 97.821  | 86.871  | 61.717  | 49.810  | 46.250  |
| 79.5 | 91.772  | 80.707  | 56.740  | 45.599  | 42.153  |
| 80.0 | 85.799  | 74.696  | 51.916  | 41.502  | 38.210  |
| 80.5 | 79.941  | 68.800  | 47.245  | 37.406  | 34.266  |
| 81.0 | 74.160  | 62.981  | 42.804  | 33.424  | 30.437  |
| 81.5 | 68.532  | 57.353  | 38.439  | 29.480  | 26.532  |
| 82.0 | 63.057  | 51.916  | 34.304  | 25.690  | 22.665  |
| 82.5 | 57.735  | 46.633  | 30.246  | 21.785  | 18.569  |

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**CANDELA TABULATION - (Cont.)**

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| 83.0  | 52.567 | 41.502 | 26.264 | 17.803 | 14.166 |
| 83.5  | 47.551 | 36.525 | 22.436 | 13.400 | 9.457  |
| 84.0  | 42.689 | 31.816 | 18.684 | 8.921  | 7.313  |
| 84.5  | 38.018 | 27.298 | 14.893 | 6.815  | 6.470  |
| 85.0  | 33.500 | 23.010 | 10.605 | 5.973  | 5.743  |
| 85.5  | 29.174 | 18.990 | 6.432  | 5.245  | 5.054  |
| 86.0  | 25.001 | 15.161 | 5.054  | 4.518  | 4.365  |
| 86.5  | 20.943 | 11.562 | 4.288  | 3.829  | 3.675  |
| 87.0  | 17.152 | 8.040  | 3.561  | 3.178  | 3.025  |
| 87.5  | 13.515 | 4.250  | 2.833  | 2.489  | 2.412  |
| 88.0  | 10.108 | 2.680  | 2.182  | 1.876  | 1.761  |
| 88.5  | 6.968  | 1.991  | 1.531  | 1.302  | 1.225  |
| 89.0  | 4.250  | 1.302  | 0.919  | 0.766  | 0.727  |
| 89.5  | 1.914  | 0.689  | 0.459  | 0.383  | 0.306  |
| 90.0  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 90.5  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 91.0  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 91.5  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 92.0  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 92.5  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 93.0  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 93.5  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 94.0  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 94.5  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 95.0  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 95.5  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 96.0  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 96.5  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 97.0  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 97.5  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 98.0  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 98.5  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 99.0  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 99.5  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 100.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 100.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 101.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 101.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 102.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 102.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 103.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 103.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 104.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 104.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 105.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 105.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 106.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 106.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 107.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 107.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 108.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 108.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 109.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 109.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 110.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 110.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LRX2X-4-L8-927-DMA-DIM-UNV\_.IES

CANDELA TABULATION - (Cont.)

|       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|
| 111.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 111.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 113.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 113.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 114.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 114.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 116.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 116.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 118.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 118.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 119.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 119.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 121.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 121.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 123.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 123.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 124.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 124.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 126.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 126.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 128.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 128.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 129.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 129.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 131.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 131.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 133.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 133.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 134.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 134.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 136.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 136.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 138.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 138.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LRX2X-4-L8-927-DMA-DIM-UNV\_.IES

CANDELA TABULATION - (Cont.)

|       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|
| 139.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 139.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 141.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 141.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 143.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 143.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 144.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 144.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 146.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 146.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 148.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 148.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 149.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 149.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 151.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 151.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 153.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 153.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 154.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 154.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 156.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 156.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 158.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 158.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 159.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 159.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 161.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 161.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 163.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 163.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 164.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 164.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LRX2X-4-L8-927-DMA-DIM-UNV\_.IES

CANDELA TABULATION - (Cont.)

|       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|
| 167.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 169.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 169.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 171.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 171.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 173.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 173.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 174.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 174.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 176.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 176.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 178.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 178.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 179.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 179.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX2X-4-L8-927-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens  | %Lamp | %Fixt  |
|---------|---------|-------|--------|
| 0-20    | 431.93  | N.A.  | 16.70  |
| 0-30    | 879.29  | N.A.  | 34.10  |
| 0-40    | 1370.13 | N.A.  | 53.10  |
| 0-60    | 2193.69 | N.A.  | 85.00  |
| 0-80    | 2560.43 | N.A.  | 99.20  |
| 0-90    | 2582.26 | N.A.  | 100.00 |
| 10-90   | 2467.27 | N.A.  | 95.50  |
| 20-40   | 938.20  | N.A.  | 36.30  |
| 20-50   | 1394.95 | N.A.  | 54.00  |
| 40-70   | 1070.13 | N.A.  | 41.40  |
| 60-80   | 366.74  | N.A.  | 14.20  |
| 70-80   | 120.18  | N.A.  | 4.70   |
| 80-90   | 21.84   | N.A.  | 0.80   |
| 90-110  | 0.00    | N.A.  | 0.00   |
| 90-120  | 0.00    | N.A.  | 0.00   |
| 90-130  | 0.00    | N.A.  | 0.00   |
| 90-150  | 0.00    | N.A.  | 0.00   |
| 90-180  | 0.00    | N.A.  | 0.00   |
| 110-180 | 0.00    | N.A.  | 0.00   |
| 0-180   | 2582.26 | N.A.  | 100.00 |

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens |
|---------|--------|
| 0-10    | 114.99 |
| 10-20   | 316.94 |
| 20-30   | 447.36 |
| 30-40   | 490.83 |
| 40-50   | 456.75 |
| 50-60   | 366.81 |
| 60-70   | 246.56 |
| 70-80   | 120.18 |
| 80-90   | 21.84  |
| 90-100  | 0.00   |
| 100-110 | 0.00   |
| 110-120 | 0.00   |
| 120-130 | 0.00   |
| 130-140 | 0.00   |
| 140-150 | 0.00   |
| 150-160 | 0.00   |
| 160-170 | 0.00   |
| 170-180 | 0.00   |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX2X-4-L8-927-DMA-DIM-UNV\_.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 | 102 | 102 | 102 | 100 |
| 1  | 110 | 106 | 102 | 99  | 107 | 104 | 100 | 97  | 99  | 96  | 94  | 95  | 93  | 91  | 92  | 90  | 88  | 86  |
| 2  | 101 | 93  | 87  | 82  | 98  | 92  | 86  | 81  | 88  | 83  | 79  | 85  | 81  | 77  | 82  | 79  | 76  | 74  |
| 3  | 93  | 83  | 76  | 70  | 90  | 82  | 75  | 69  | 79  | 73  | 68  | 76  | 71  | 67  | 73  | 69  | 65  | 63  |
| 4  | 85  | 74  | 66  | 60  | 83  | 73  | 65  | 60  | 71  | 64  | 59  | 68  | 63  | 58  | 66  | 61  | 57  | 55  |
| 5  | 79  | 67  | 59  | 52  | 77  | 66  | 58  | 52  | 64  | 57  | 52  | 62  | 56  | 51  | 60  | 55  | 50  | 48  |
| 6  | 73  | 61  | 52  | 46  | 71  | 60  | 52  | 46  | 58  | 51  | 46  | 56  | 50  | 45  | 55  | 49  | 45  | 43  |
| 7  | 68  | 55  | 47  | 41  | 67  | 55  | 47  | 41  | 53  | 46  | 41  | 52  | 45  | 41  | 50  | 45  | 40  | 38  |
| 8  | 64  | 51  | 43  | 37  | 62  | 50  | 42  | 37  | 49  | 42  | 37  | 48  | 41  | 37  | 47  | 41  | 36  | 35  |
| 9  | 60  | 47  | 39  | 34  | 58  | 46  | 39  | 34  | 45  | 38  | 34  | 44  | 38  | 33  | 43  | 37  | 33  | 31  |
| 10 | 56  | 43  | 36  | 31  | 55  | 43  | 36  | 31  | 42  | 35  | 31  | 41  | 35  | 31  | 40  | 35  | 30  | 29  |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX2X-4-L8-927-DMA-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

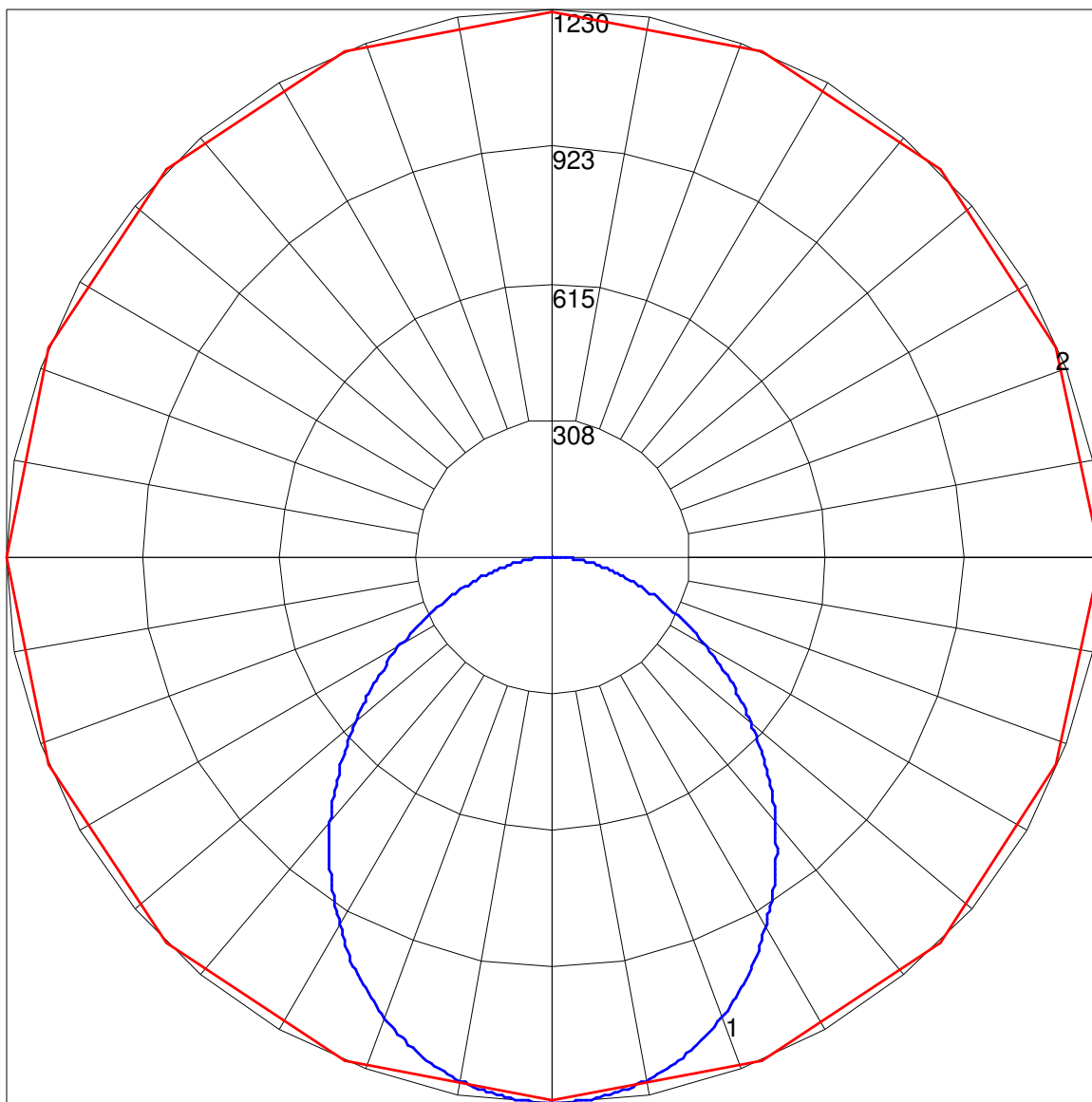
Reflectances

|                |    |    |    |    |    |    |    |    |    |    |
|----------------|----|----|----|----|----|----|----|----|----|----|
| 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 |      |      |      |      | UGR Viewed Endwise |      |      |      |      |
|-----------|------|----------------------|------|------|------|------|--------------------|------|------|------|------|
| X=2H      | Y=2H | 19.9                 | 21.4 | 20.3 | 21.8 | 22.1 | 17.8               | 19.3 | 18.2 | 19.6 | 19.9 |
|           | 3H   | 21.5                 | 22.9 | 21.9 | 23.2 | 23.6 | 19.0               | 20.4 | 19.4 | 20.8 | 21.1 |
|           | 4H   | 22.1                 | 23.4 | 22.5 | 23.7 | 24.1 | 19.4               | 20.7 | 19.8 | 21.1 | 21.4 |
|           | 6H   | 22.4                 | 23.6 | 22.8 | 24.0 | 24.4 | 19.6               | 20.8 | 20.0 | 21.2 | 21.6 |
|           | 8H   | 22.5                 | 23.7 | 23.0 | 24.1 | 24.5 | 19.6               | 20.8 | 20.1 | 21.1 | 21.5 |
|           | 12H  | 22.6                 | 23.7 | 23.0 | 24.1 | 24.5 | 19.6               | 20.7 | 20.0 | 21.1 | 21.5 |
| 4H        | 2H   | 20.2                 | 21.5 | 20.6 | 21.9 | 22.2 | 18.5               | 19.8 | 18.9 | 20.1 | 20.5 |
|           | 3H   | 22.1                 | 23.1 | 22.5 | 23.5 | 23.9 | 19.9               | 21.0 | 20.3 | 21.4 | 21.8 |
|           | 4H   | 22.7                 | 23.7 | 23.2 | 24.1 | 24.6 | 20.4               | 21.3 | 20.8 | 21.8 | 22.2 |
|           | 6H   | 23.2                 | 24.1 | 23.7 | 24.5 | 25.0 | 20.6               | 21.5 | 21.1 | 21.9 | 22.4 |
|           | 8H   | 23.4                 | 24.1 | 23.8 | 24.6 | 25.1 | 20.6               | 21.4 | 21.1 | 21.9 | 22.3 |
|           | 12H  | 23.4                 | 24.2 | 23.9 | 24.6 | 25.1 | 20.6               | 21.3 | 21.1 | 21.8 | 22.3 |
| 8H        | 4H   | 22.8                 | 23.6 | 23.3 | 24.0 | 24.5 | 20.7               | 21.5 | 21.1 | 21.9 | 22.4 |
|           | 6H   | 23.4                 | 24.0 | 23.9 | 24.5 | 25.0 | 21.0               | 21.6 | 21.5 | 22.1 | 22.6 |
|           | 8H   | 23.6                 | 24.2 | 24.1 | 24.7 | 25.2 | 21.0               | 21.6 | 21.5 | 22.1 | 22.6 |
|           | 12H  | 23.7                 | 24.2 | 24.2 | 24.7 | 25.3 | 21.0               | 21.5 | 21.5 | 22.0 | 22.6 |
| 12H       | 4H   | 22.8                 | 23.5 | 23.3 | 24.0 | 24.5 | 20.7               | 21.4 | 21.2 | 21.9 | 22.4 |
|           | 6H   | 23.4                 | 24.0 | 23.9 | 24.4 | 25.0 | 21.0               | 21.6 | 21.6 | 22.1 | 22.6 |
|           | 8H   | 23.6                 | 24.1 | 24.1 | 24.6 | 25.2 | 21.1               | 21.6 | 21.6 | 22.1 | 22.7 |

Maximum UGR = 25.3

POLAR GRAPH



Maximum Candela = 1230.134 Located At Horizontal Angle = 0, Vertical Angle = .5  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)