



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-L10-850-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN FROM 14853501.01
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 2023-07-25
 [TESTDATE] 6/19/2023
 [MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] LRX2-6-L10-850-DMA-DIM-UNV
 [LUMINAIRE] 2 INCH WIDE, LINEAR RECESSED LED LUMINAIRE
 [MORE] W/DIFFUSED MATTE ACRYLIC LENS
 [LAMP] LED
 [BALLAST] 0-10V DIMMING DRIVER
 [_SEARCH_SOURCETYPE] LED
 [_SEARCH_APPLICATION] INDOOR, CLASSROOM, COMMERCIAL, OFFICE
 [_SEARCH_MOUNTING] RECESSED

CHARACTERISTICS

| | |
|---------------------------------|-----------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 6405 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 117 |
| Total Luminaire Watts | 54.6 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.22 |
| Spacing Criterion (90-270) | 1.06 |
| Spacing Criterion (Diagonal) | 1.22 |
| Basic Luminous Shape | Rectangular |
| Luminous Length (0-180) | 6.00 ft |
| Luminous Width (90-270) | 0.17 ft |
| Luminous Height | 0.00 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 24933 | 21507 | 19618 |
| 55 | 22226 | 18900 | 17302 |
| 65 | 19594 | 16660 | 15337 |
| 75 | 16161 | 14183 | 13218 |
| 85 | 12191 | 11375 | 10959 |

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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 | 2837.535 | 2837.535 | 2837.535 | 2837.535 | 2837.535 |
| 0.5 | 2887.561 | 2839.862 | 2823.574 | 2830.555 | 2816.594 |
| 1.0 | 2887.561 | 2838.698 | 2823.574 | 2830.555 | 2815.430 |
| 1.5 | 2886.398 | 2838.698 | 2822.411 | 2829.391 | 2814.267 |
| 2.0 | 2885.234 | 2836.372 | 2820.084 | 2828.228 | 2810.777 |
| 2.5 | 2884.071 | 2834.045 | 2818.921 | 2824.738 | 2808.450 |
| 3.0 | 2881.744 | 2831.718 | 2815.430 | 2822.411 | 2803.796 |
| 3.5 | 2879.417 | 2829.391 | 2811.940 | 2817.757 | 2799.143 |
| 4.0 | 2877.091 | 2827.064 | 2808.450 | 2814.267 | 2795.653 |
| 4.5 | 2874.764 | 2823.574 | 2804.960 | 2809.613 | 2789.836 |
| 5.0 | 2872.437 | 2820.084 | 2799.143 | 2803.796 | 2784.019 |
| 5.5 | 2867.783 | 2815.430 | 2794.489 | 2796.816 | 2775.875 |
| 6.0 | 2864.293 | 2810.777 | 2788.672 | 2790.999 | 2768.894 |
| 6.5 | 2860.803 | 2807.287 | 2782.855 | 2782.855 | 2760.751 |
| 7.0 | 2856.149 | 2801.470 | 2777.038 | 2774.711 | 2752.607 |
| 7.5 | 2851.496 | 2796.816 | 2770.058 | 2766.568 | 2743.300 |
| 8.0 | 2846.842 | 2789.836 | 2763.077 | 2757.260 | 2735.156 |
| 8.5 | 2841.025 | 2784.019 | 2754.934 | 2747.953 | 2724.685 |
| 9.0 | 2835.208 | 2778.202 | 2746.790 | 2737.483 | 2714.215 |
| 9.5 | 2829.391 | 2771.221 | 2737.483 | 2725.849 | 2702.581 |
| 10.0 | 2823.574 | 2764.241 | 2728.175 | 2715.378 | 2692.110 |
| 10.5 | 2816.594 | 2757.260 | 2718.868 | 2703.744 | 2678.149 |
| 11.0 | 2809.613 | 2749.117 | 2708.398 | 2692.110 | 2665.352 |
| 11.5 | 2801.470 | 2740.973 | 2697.927 | 2679.313 | 2652.554 |
| 12.0 | 2793.326 | 2731.666 | 2686.293 | 2666.515 | 2638.593 |
| 12.5 | 2786.345 | 2722.358 | 2674.659 | 2652.554 | 2623.469 |
| 13.0 | 2777.038 | 2713.051 | 2663.025 | 2638.593 | 2609.508 |
| 13.5 | 2767.731 | 2702.581 | 2650.227 | 2623.469 | 2594.384 |
| 14.0 | 2759.587 | 2692.110 | 2638.593 | 2609.508 | 2579.260 |
| 14.5 | 2749.117 | 2681.639 | 2624.633 | 2594.384 | 2562.972 |
| 15.0 | 2739.809 | 2671.169 | 2611.835 | 2578.097 | 2547.848 |
| 15.5 | 2729.339 | 2659.535 | 2596.711 | 2561.809 | 2530.397 |
| 16.0 | 2721.195 | 2649.064 | 2582.750 | 2545.521 | 2512.946 |
| 16.5 | 2713.051 | 2637.430 | 2567.626 | 2528.070 | 2495.495 |
| 17.0 | 2702.581 | 2625.796 | 2552.502 | 2510.619 | 2478.044 |
| 17.5 | 2687.456 | 2614.162 | 2537.378 | 2493.168 | 2459.430 |
| 18.0 | 2673.496 | 2603.691 | 2522.253 | 2474.554 | 2439.652 |
| 18.5 | 2659.535 | 2589.731 | 2505.966 | 2455.940 | 2419.874 |
| 19.0 | 2647.901 | 2574.606 | 2489.678 | 2436.162 | 2400.096 |
| 19.5 | 2635.103 | 2559.482 | 2473.391 | 2416.384 | 2379.155 |
| 20.0 | 2622.306 | 2544.358 | 2455.940 | 2397.769 | 2357.050 |
| 20.5 | 2608.345 | 2529.234 | 2439.652 | 2377.992 | 2336.109 |
| 21.0 | 2594.384 | 2515.273 | 2422.201 | 2357.050 | 2314.005 |
| 21.5 | 2580.423 | 2500.149 | 2404.750 | 2337.273 | 2293.063 |
| 22.0 | 2565.299 | 2483.861 | 2386.135 | 2316.331 | 2270.959 |
| 22.5 | 2551.338 | 2468.737 | 2368.684 | 2294.227 | 2250.018 |
| 23.0 | 2535.051 | 2452.449 | 2352.397 | 2273.286 | 2229.076 |
| 23.5 | 2519.927 | 2434.998 | 2333.782 | 2252.344 | 2206.972 |
| 24.0 | 2503.639 | 2418.711 | 2312.841 | 2231.403 | 2186.030 |
| 24.5 | 2487.351 | 2401.260 | 2293.063 | 2210.462 | 2163.926 |
| 25.0 | 2471.064 | 2384.972 | 2272.122 | 2188.357 | 2141.821 |
| 25.5 | 2454.776 | 2366.358 | 2252.344 | 2167.416 | 2119.717 |
| 26.0 | 2437.325 | 2348.907 | 2231.403 | 2145.311 | 2098.775 |
| 26.5 | 2421.037 | 2330.292 | 2211.625 | 2124.370 | 2077.834 |

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CANDELA TABULATION - (Cont.)

| | | | | | |
|------|----------|----------|----------|----------|----------|
| 27.0 | 2402.423 | 2312.841 | 2190.684 | 2103.429 | 2055.730 |
| 27.5 | 2384.972 | 2293.063 | 2170.906 | 2082.488 | 2032.462 |
| 28.0 | 2367.521 | 2274.449 | 2149.965 | 2061.547 | 2011.520 |
| 28.5 | 2350.070 | 2255.835 | 2129.024 | 2039.442 | 1990.579 |
| 29.0 | 2331.456 | 2236.057 | 2109.246 | 2017.337 | 1969.638 |
| 29.5 | 2311.678 | 2216.279 | 2088.305 | 1995.233 | 1948.697 |
| 30.0 | 2293.063 | 2196.501 | 2067.364 | 1974.292 | 1926.592 |
| 30.5 | 2273.286 | 2177.887 | 2047.586 | 1953.350 | 1904.487 |
| 31.0 | 2253.508 | 2158.109 | 2026.645 | 1931.246 | 1882.383 |
| 31.5 | 2232.567 | 2137.168 | 2004.540 | 1909.141 | 1861.442 |
| 32.0 | 2212.789 | 2117.390 | 1983.599 | 1887.036 | 1839.337 |
| 32.5 | 2191.847 | 2096.449 | 1962.657 | 1864.932 | 1817.232 |
| 33.0 | 2172.070 | 2075.507 | 1940.553 | 1842.827 | 1795.128 |
| 33.5 | 2151.128 | 2054.566 | 1919.612 | 1821.886 | 1773.023 |
| 34.0 | 2130.187 | 2033.625 | 1898.670 | 1799.781 | 1750.919 |
| 34.5 | 2110.409 | 2011.520 | 1875.402 | 1777.677 | 1728.814 |
| 35.0 | 2089.468 | 1990.579 | 1854.461 | 1754.409 | 1706.709 |
| 35.5 | 2068.527 | 1968.475 | 1832.357 | 1732.304 | 1685.768 |
| 36.0 | 2046.422 | 1947.533 | 1811.415 | 1711.363 | 1663.663 |
| 36.5 | 2025.481 | 1925.429 | 1789.311 | 1689.258 | 1642.722 |
| 37.0 | 2004.540 | 1903.324 | 1767.206 | 1665.990 | 1620.618 |
| 37.5 | 1982.435 | 1881.219 | 1745.102 | 1645.049 | 1600.840 |
| 38.0 | 1961.494 | 1859.115 | 1722.997 | 1622.944 | 1578.735 |
| 38.5 | 1939.389 | 1837.010 | 1702.056 | 1602.003 | 1557.794 |
| 39.0 | 1917.285 | 1814.906 | 1678.788 | 1579.899 | 1536.853 |
| 39.5 | 1895.180 | 1792.801 | 1656.683 | 1558.957 | 1515.912 |
| 40.0 | 1871.912 | 1770.696 | 1634.578 | 1536.853 | 1494.970 |
| 40.5 | 1848.644 | 1748.592 | 1612.474 | 1517.075 | 1475.192 |
| 41.0 | 1826.540 | 1726.487 | 1590.369 | 1496.134 | 1453.088 |
| 41.5 | 1803.272 | 1703.219 | 1568.265 | 1475.192 | 1432.147 |
| 42.0 | 1780.004 | 1681.114 | 1547.323 | 1453.088 | 1412.369 |
| 42.5 | 1757.899 | 1657.846 | 1525.219 | 1432.147 | 1391.428 |
| 43.0 | 1734.631 | 1635.742 | 1504.278 | 1412.369 | 1371.650 |
| 43.5 | 1711.363 | 1612.474 | 1481.009 | 1392.591 | 1351.872 |
| 44.0 | 1688.095 | 1590.369 | 1460.068 | 1371.650 | 1332.094 |
| 44.5 | 1664.827 | 1568.265 | 1437.964 | 1350.709 | 1312.316 |
| 45.0 | 1642.722 | 1544.997 | 1417.022 | 1330.931 | 1292.539 |
| 45.5 | 1619.454 | 1522.892 | 1396.081 | 1311.153 | 1272.761 |
| 46.0 | 1596.186 | 1500.787 | 1375.140 | 1291.375 | 1254.146 |
| 46.5 | 1574.082 | 1477.519 | 1353.035 | 1271.597 | 1234.368 |
| 47.0 | 1550.814 | 1455.415 | 1332.094 | 1251.819 | 1215.754 |
| 47.5 | 1528.709 | 1433.310 | 1312.316 | 1230.878 | 1197.140 |
| 48.0 | 1505.441 | 1411.205 | 1291.375 | 1212.264 | 1177.362 |
| 48.5 | 1482.173 | 1389.101 | 1271.597 | 1192.486 | 1159.445 |
| 49.0 | 1460.068 | 1365.833 | 1249.493 | 1173.872 | 1140.715 |
| 49.5 | 1436.800 | 1343.728 | 1229.715 | 1153.977 | 1121.984 |
| 50.0 | 1414.696 | 1322.787 | 1208.774 | 1134.549 | 1103.253 |
| 50.5 | 1391.428 | 1300.682 | 1188.996 | 1116.167 | 1085.453 |
| 51.0 | 1369.323 | 1278.578 | 1168.055 | 1098.134 | 1067.769 |
| 51.5 | 1346.055 | 1256.473 | 1148.393 | 1079.752 | 1048.457 |
| 52.0 | 1323.950 | 1235.532 | 1127.917 | 1060.789 | 1030.308 |
| 52.5 | 1300.682 | 1213.427 | 1107.674 | 1041.826 | 1012.857 |
| 53.0 | 1278.578 | 1192.486 | 1087.664 | 1023.095 | 994.243 |
| 53.5 | 1255.310 | 1171.545 | 1068.584 | 1005.527 | 977.373 |
| 54.0 | 1233.205 | 1149.557 | 1049.271 | 988.193 | 959.573 |
| 54.5 | 1211.100 | 1128.034 | 1029.610 | 970.393 | 942.122 |

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CANDELA TABULATION - (Cont.)

| | | | | | |
|------|----------|----------|----------|---------|---------|
| 55.0 | 1187.832 | 1106.976 | 1010.065 | 952.011 | 924.671 |
| 55.5 | 1165.728 | 1086.151 | 991.101 | 933.397 | 906.871 |
| 56.0 | 1143.507 | 1065.443 | 972.603 | 915.480 | 890.002 |
| 56.5 | 1121.751 | 1044.967 | 953.756 | 898.611 | 873.249 |
| 57.0 | 1099.879 | 1024.258 | 935.142 | 881.974 | 857.194 |
| 57.5 | 1078.473 | 1004.015 | 917.109 | 864.407 | 840.557 |
| 58.0 | 1057.182 | 984.121 | 898.727 | 846.491 | 823.455 |
| 58.5 | 1036.590 | 964.227 | 879.997 | 828.923 | 806.819 |
| 59.0 | 1015.533 | 944.914 | 861.382 | 811.938 | 791.229 |
| 59.5 | 994.824 | 925.602 | 843.233 | 795.301 | 775.174 |
| 60.0 | 973.999 | 906.522 | 825.782 | 779.130 | 758.654 |
| 60.5 | 953.756 | 887.442 | 808.564 | 762.842 | 742.483 |
| 61.0 | 933.629 | 868.246 | 791.113 | 746.205 | 726.893 |
| 61.5 | 913.386 | 849.050 | 772.964 | 729.452 | 710.838 |
| 62.0 | 893.143 | 830.436 | 755.280 | 712.932 | 694.783 |
| 62.5 | 873.016 | 812.054 | 738.527 | 696.994 | 679.194 |
| 63.0 | 852.773 | 793.323 | 722.472 | 681.404 | 663.953 |
| 63.5 | 832.413 | 774.709 | 706.417 | 666.745 | 648.712 |
| 64.0 | 812.170 | 755.978 | 689.897 | 652.086 | 633.472 |
| 64.5 | 791.927 | 737.364 | 672.795 | 636.264 | 618.580 |
| 65.0 | 771.568 | 718.982 | 656.042 | 619.744 | 603.921 |
| 65.5 | 751.324 | 700.484 | 640.220 | 604.852 | 589.495 |
| 66.0 | 731.198 | 681.986 | 624.746 | 591.473 | 575.651 |
| 66.5 | 710.954 | 663.604 | 609.040 | 577.745 | 561.574 |
| 67.0 | 690.828 | 645.455 | 592.636 | 562.853 | 547.147 |
| 67.5 | 670.817 | 627.422 | 576.116 | 546.798 | 532.489 |
| 68.0 | 650.807 | 609.157 | 559.596 | 530.278 | 517.481 |
| 68.5 | 631.029 | 591.008 | 543.192 | 514.921 | 502.589 |
| 69.0 | 611.484 | 572.859 | 527.602 | 500.611 | 488.163 |
| 69.5 | 591.938 | 555.175 | 512.245 | 486.418 | 473.621 |
| 70.0 | 572.510 | 537.491 | 495.958 | 470.828 | 458.264 |
| 70.5 | 553.430 | 519.691 | 479.321 | 454.075 | 443.023 |
| 71.0 | 534.234 | 501.891 | 462.917 | 438.020 | 428.015 |
| 71.5 | 515.387 | 484.324 | 446.862 | 423.594 | 413.473 |
| 72.0 | 496.656 | 467.338 | 431.505 | 410.215 | 399.396 |
| 72.5 | 478.158 | 450.585 | 416.730 | 396.371 | 385.900 |
| 73.0 | 460.009 | 433.949 | 401.722 | 381.596 | 372.172 |
| 73.5 | 441.976 | 417.196 | 386.249 | 366.820 | 357.978 |
| 74.0 | 424.292 | 400.675 | 370.776 | 352.627 | 344.483 |
| 74.5 | 406.841 | 384.504 | 356.117 | 339.248 | 331.802 |
| 75.0 | 389.739 | 368.798 | 342.040 | 326.101 | 318.772 |
| 75.5 | 372.870 | 353.209 | 328.195 | 312.839 | 305.393 |
| 76.0 | 356.233 | 337.735 | 314.002 | 299.692 | 292.712 |
| 76.5 | 339.829 | 322.146 | 299.925 | 286.197 | 280.263 |
| 77.0 | 323.542 | 306.905 | 285.731 | 272.934 | 267.350 |
| 77.5 | 307.603 | 291.897 | 272.236 | 259.904 | 254.203 |
| 78.0 | 291.665 | 277.006 | 259.089 | 247.223 | 241.755 |
| 78.5 | 275.959 | 262.347 | 245.943 | 234.658 | 229.888 |
| 79.0 | 260.718 | 248.037 | 232.797 | 222.326 | 218.138 |
| 79.5 | 245.594 | 233.960 | 219.883 | 210.227 | 206.504 |
| 80.0 | 230.819 | 220.115 | 207.318 | 198.127 | 194.753 |
| 80.5 | 216.160 | 206.504 | 194.870 | 186.144 | 182.770 |
| 81.0 | 201.966 | 193.125 | 182.305 | 174.394 | 171.020 |
| 81.5 | 188.122 | 180.094 | 170.206 | 162.992 | 159.851 |
| 82.0 | 174.510 | 167.530 | 158.688 | 152.057 | 149.148 |
| 82.5 | 161.247 | 155.198 | 147.287 | 141.470 | 138.794 |

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CANDELA TABULATION - (Cont.)

| | | | | | |
|-------|---------|---------|---------|---------|---------|
| 83.0 | 148.217 | 142.982 | 136.118 | 130.766 | 128.672 |
| 83.5 | 135.420 | 130.883 | 124.833 | 120.179 | 118.551 |
| 84.0 | 122.971 | 119.249 | 113.548 | 109.709 | 108.196 |
| 84.5 | 110.872 | 107.847 | 102.612 | 99.471 | 98.191 |
| 85.0 | 99.005 | 96.679 | 92.374 | 89.582 | 89.000 |
| 85.5 | 87.371 | 85.626 | 82.369 | 80.275 | 80.391 |
| 86.0 | 76.086 | 74.690 | 72.596 | 71.666 | 71.666 |
| 86.5 | 65.150 | 64.220 | 62.824 | 62.591 | 62.824 |
| 87.0 | 54.447 | 54.098 | 53.284 | 53.284 | 53.633 |
| 87.5 | 44.209 | 43.860 | 43.977 | 44.558 | 44.791 |
| 88.0 | 34.320 | 34.553 | 35.600 | 36.414 | 36.763 |
| 88.5 | 25.129 | 25.944 | 27.922 | 28.154 | 28.387 |
| 89.0 | 16.986 | 18.265 | 19.429 | 17.567 | 17.451 |
| 89.5 | 11.750 | 12.099 | 9.075 | 8.609 | 9.540 |
| 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 |

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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 : LRX2-6-L10-850-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 : LRX2-6-L10-850-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 : LRX2-6-L10-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 1004.7 | N.A. | 15.70 |
| 0-30 | 2056.91 | N.A. | 32.10 |
| 0-40 | 3228.37 | N.A. | 50.40 |
| 0-60 | 5263.78 | N.A. | 82.20 |
| 0-80 | 6298.69 | N.A. | 98.30 |
| 0-90 | 6404.7 | N.A. | 100.00 |
| 10-90 | 6138.49 | N.A. | 95.80 |
| 20-40 | 2223.67 | N.A. | 34.70 |
| 20-50 | 3335.3 | N.A. | 52.10 |
| 40-70 | 2700.46 | N.A. | 42.20 |
| 60-80 | 1034.91 | N.A. | 16.20 |
| 70-80 | 369.86 | N.A. | 5.80 |
| 80-90 | 106.01 | N.A. | 1.70 |
| 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 | 6404.7 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|---------|
| 0-10 | 266.21 |
| 10-20 | 738.50 |
| 20-30 | 1052.21 |
| 30-40 | 1171.46 |
| 40-50 | 1111.63 |
| 50-60 | 923.78 |
| 60-70 | 665.05 |
| 70-80 | 369.86 |
| 80-90 | 106.01 |
| 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 : LRX2-6-L10-850-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 | 109 | 105 | 101 | 97 | 107 | 103 | 99 | 96 | 98 | 95 | 93 | 94 | 92 | 90 | 91 | 89 | 87 | 85 |
| 2 | 100 | 92 | 86 | 80 | 97 | 90 | 84 | 79 | 87 | 82 | 77 | 84 | 79 | 76 | 81 | 77 | 74 | 72 |
| 3 | 92 | 82 | 74 | 68 | 89 | 80 | 73 | 67 | 77 | 71 | 66 | 74 | 69 | 65 | 72 | 67 | 64 | 61 |
| 4 | 84 | 73 | 64 | 58 | 82 | 72 | 64 | 58 | 69 | 62 | 57 | 67 | 61 | 56 | 65 | 60 | 55 | 53 |
| 5 | 78 | 65 | 57 | 50 | 76 | 64 | 56 | 50 | 62 | 55 | 50 | 60 | 54 | 49 | 59 | 53 | 49 | 47 |
| 6 | 72 | 59 | 51 | 44 | 70 | 58 | 50 | 44 | 57 | 49 | 44 | 55 | 48 | 44 | 53 | 48 | 43 | 41 |
| 7 | 67 | 54 | 46 | 40 | 65 | 53 | 45 | 39 | 52 | 44 | 39 | 50 | 44 | 39 | 49 | 43 | 39 | 37 |
| 8 | 63 | 50 | 41 | 36 | 61 | 49 | 41 | 36 | 48 | 40 | 35 | 46 | 40 | 35 | 45 | 39 | 35 | 33 |
| 9 | 59 | 46 | 38 | 32 | 57 | 45 | 37 | 32 | 44 | 37 | 32 | 43 | 36 | 32 | 42 | 36 | 32 | 30 |
| 10 | 55 | 42 | 35 | 29 | 54 | 42 | 34 | 29 | 41 | 34 | 29 | 40 | 34 | 29 | 39 | 33 | 29 | 27 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-6-L10-850-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

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| X=2H | Y=2H | 22.6 | 24.2 | 23.0 | 24.5 | 24.8 | 21.5 | 23.0 | 21.8 | 23.3 | 23.6 |
| | 3H | 24.3 | 25.8 | 24.7 | 26.1 | 26.4 | 23.1 | 24.5 | 23.5 | 24.9 | 25.2 |
| | 4H | 24.9 | 26.3 | 25.3 | 26.6 | 27.0 | 23.7 | 25.1 | 24.1 | 25.4 | 25.8 |
| | 6H | 25.4 | 26.6 | 25.8 | 27.0 | 27.4 | 24.2 | 25.4 | 24.6 | 25.8 | 26.2 |
| | 8H | 25.5 | 26.7 | 26.0 | 27.1 | 27.5 | 24.3 | 25.5 | 24.8 | 25.9 | 26.3 |
| | 12H | 25.6 | 26.8 | 26.1 | 27.1 | 27.6 | 24.4 | 25.6 | 24.9 | 26.0 | 26.4 |

UGR Viewed Endwise

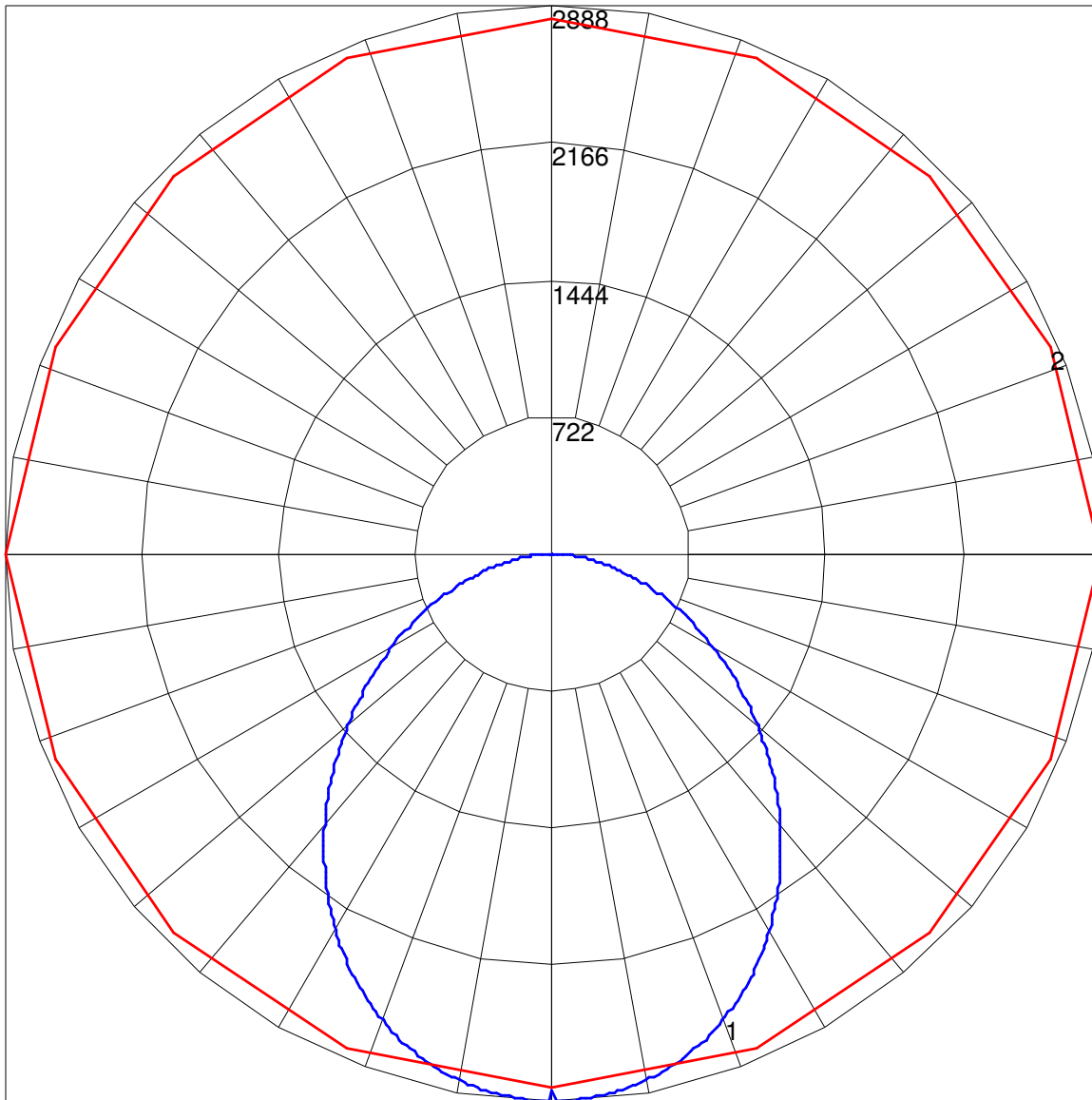
| | | | | | | | | | | | |
|----|-----|------|------|------|------|------|------|------|------|------|------|
| 4H | 2H | 23.1 | 24.4 | 23.5 | 24.7 | 25.1 | 22.1 | 23.4 | 22.5 | 23.8 | 24.2 |
| | 3H | 25.0 | 26.1 | 25.4 | 26.5 | 26.9 | 24.0 | 25.1 | 24.4 | 25.5 | 25.9 |
| | 4H | 25.8 | 26.8 | 26.2 | 27.2 | 27.6 | 24.7 | 25.7 | 25.2 | 26.2 | 26.6 |
| | 6H | 26.3 | 27.2 | 26.8 | 27.7 | 28.1 | 25.3 | 26.2 | 25.8 | 26.6 | 27.1 |
| | 8H | 26.5 | 27.3 | 27.0 | 27.8 | 28.3 | 25.5 | 26.3 | 26.0 | 26.8 | 27.2 |
| | 12H | 26.7 | 27.4 | 27.2 | 27.9 | 28.4 | 25.7 | 26.4 | 26.2 | 26.9 | 27.3 |

| | | | | | | | | | | | |
|----|-----|------|------|------|------|------|------|------|------|------|------|
| 8H | 4H | 26.0 | 26.8 | 26.4 | 27.2 | 27.7 | 25.1 | 25.9 | 25.5 | 26.3 | 26.8 |
| | 6H | 26.7 | 27.3 | 27.2 | 27.8 | 28.3 | 25.8 | 26.4 | 26.3 | 26.9 | 27.4 |
| | 8H | 26.9 | 27.5 | 27.4 | 28.0 | 28.5 | 26.0 | 26.6 | 26.5 | 27.2 | 27.6 |
| | 12H | 27.2 | 27.7 | 27.7 | 28.2 | 28.7 | 26.3 | 26.8 | 26.8 | 27.3 | 27.9 |

| | | | | | | | | | | | |
|-----|----|------|------|------|------|------|------|------|------|------|------|
| 12H | 4H | 26.0 | 26.7 | 26.5 | 27.2 | 27.7 | 25.1 | 25.8 | 25.6 | 26.3 | 26.8 |
| | 6H | 26.7 | 27.3 | 27.2 | 27.8 | 28.3 | 25.8 | 26.5 | 26.4 | 26.9 | 27.5 |
| | 8H | 27.0 | 27.6 | 27.5 | 28.1 | 28.6 | 26.2 | 26.7 | 26.7 | 27.2 | 27.8 |

Maximum UGR = 28.7

POLAR GRAPH



Maximum Candela = 2887.561 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.)