



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L8-935-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] LRX2-2-L8-935-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 | 1328 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 96 |
| Total Luminaire Watts | 13.8 |
| 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) | 2.00 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 | 15510 | 13379 | 12204 |
| 55 | 13826 | 11757 | 10763 |
| 65 | 12189 | 10364 | 9540 |
| 75 | 10053 | 8823 | 8223 |
| 85 | 7584 | 7076 | 6817 |

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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 | 588.373 | 588.373 | 588.373 | 588.373 | 588.373 |
| 0.5 | 598.746 | 588.855 | 585.478 | 586.925 | 584.030 |
| 1.0 | 598.746 | 588.614 | 585.478 | 586.925 | 583.789 |
| 1.5 | 598.505 | 588.614 | 585.237 | 586.684 | 583.548 |
| 2.0 | 598.263 | 588.131 | 584.754 | 586.443 | 582.824 |
| 2.5 | 598.022 | 587.649 | 584.513 | 585.719 | 582.342 |
| 3.0 | 597.540 | 587.166 | 583.789 | 585.237 | 581.377 |
| 3.5 | 597.057 | 586.684 | 583.065 | 584.272 | 580.412 |
| 4.0 | 596.575 | 586.202 | 582.342 | 583.548 | 579.688 |
| 4.5 | 596.092 | 585.478 | 581.618 | 582.583 | 578.482 |
| 5.0 | 595.610 | 584.754 | 580.412 | 581.377 | 577.276 |
| 5.5 | 594.645 | 583.789 | 579.447 | 579.929 | 575.587 |
| 6.0 | 593.921 | 582.824 | 578.241 | 578.723 | 574.140 |
| 6.5 | 593.197 | 582.101 | 577.035 | 577.035 | 572.451 |
| 7.0 | 592.232 | 580.894 | 575.828 | 575.346 | 570.762 |
| 7.5 | 591.267 | 579.929 | 574.381 | 573.657 | 568.833 |
| 8.0 | 590.303 | 578.482 | 572.934 | 571.727 | 567.144 |
| 8.5 | 589.096 | 577.276 | 571.245 | 569.798 | 564.973 |
| 9.0 | 587.890 | 576.070 | 569.556 | 567.626 | 562.802 |
| 9.5 | 586.684 | 574.622 | 567.626 | 565.214 | 560.389 |
| 10.0 | 585.478 | 573.175 | 565.697 | 563.043 | 558.218 |
| 10.5 | 584.030 | 571.727 | 563.767 | 560.631 | 555.323 |
| 11.0 | 582.583 | 570.039 | 561.596 | 558.218 | 552.670 |
| 11.5 | 580.894 | 568.350 | 559.424 | 555.565 | 550.016 |
| 12.0 | 579.206 | 566.420 | 557.012 | 552.911 | 547.121 |
| 12.5 | 577.758 | 564.490 | 554.600 | 550.016 | 543.985 |
| 13.0 | 575.828 | 562.560 | 552.187 | 547.121 | 541.091 |
| 13.5 | 573.899 | 560.389 | 549.534 | 543.985 | 537.954 |
| 14.0 | 572.210 | 558.218 | 547.121 | 541.091 | 534.818 |
| 14.5 | 570.039 | 556.047 | 544.227 | 537.954 | 531.441 |
| 15.0 | 568.109 | 553.876 | 541.573 | 534.577 | 528.305 |
| 15.5 | 565.938 | 551.464 | 538.437 | 531.200 | 524.687 |
| 16.0 | 564.249 | 549.293 | 535.542 | 527.823 | 521.068 |
| 16.5 | 562.560 | 546.880 | 532.406 | 524.204 | 517.449 |
| 17.0 | 560.389 | 544.468 | 529.270 | 520.586 | 513.831 |
| 17.5 | 557.253 | 542.055 | 526.134 | 516.967 | 509.971 |
| 18.0 | 554.358 | 539.884 | 522.998 | 513.107 | 505.870 |
| 18.5 | 551.464 | 536.990 | 519.621 | 509.248 | 501.769 |
| 19.0 | 549.051 | 533.853 | 516.243 | 505.147 | 497.668 |
| 19.5 | 546.398 | 530.717 | 512.866 | 501.046 | 493.326 |
| 20.0 | 543.744 | 527.581 | 509.248 | 497.186 | 488.743 |
| 20.5 | 540.849 | 524.445 | 505.870 | 493.085 | 484.400 |
| 21.0 | 537.954 | 521.550 | 502.252 | 488.743 | 479.817 |
| 21.5 | 535.060 | 518.414 | 498.633 | 484.642 | 475.475 |
| 22.0 | 531.924 | 515.037 | 494.773 | 480.299 | 470.891 |
| 22.5 | 529.029 | 511.901 | 491.155 | 475.716 | 466.549 |
| 23.0 | 525.651 | 508.524 | 487.778 | 471.374 | 462.207 |
| 23.5 | 522.515 | 504.905 | 483.918 | 467.031 | 457.623 |
| 24.0 | 519.138 | 501.528 | 479.576 | 462.689 | 453.281 |
| 24.5 | 515.761 | 497.909 | 475.475 | 458.347 | 448.697 |
| 25.0 | 512.384 | 494.532 | 471.132 | 453.763 | 444.114 |
| 25.5 | 509.006 | 490.672 | 467.031 | 449.421 | 439.531 |
| 26.0 | 505.388 | 487.054 | 462.689 | 444.838 | 435.188 |
| 26.5 | 502.010 | 483.194 | 458.588 | 440.495 | 430.846 |

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CANDELA TABULATION - (Cont.)

| | | | | | |
|------|---------|---------|---------|---------|---------|
| 27.0 | 498.151 | 479.576 | 454.246 | 436.153 | 426.263 |
| 27.5 | 494.532 | 475.475 | 450.145 | 431.811 | 421.438 |
| 28.0 | 490.914 | 471.615 | 445.803 | 427.469 | 417.096 |
| 28.5 | 487.295 | 467.755 | 441.460 | 422.885 | 412.753 |
| 29.0 | 483.435 | 463.654 | 437.359 | 418.302 | 408.411 |
| 29.5 | 479.334 | 459.553 | 433.017 | 413.718 | 404.069 |
| 30.0 | 475.475 | 455.452 | 428.675 | 409.376 | 399.485 |
| 30.5 | 471.374 | 451.592 | 424.574 | 405.034 | 394.902 |
| 31.0 | 467.273 | 447.491 | 420.232 | 400.450 | 390.319 |
| 31.5 | 462.930 | 443.149 | 415.648 | 395.867 | 385.976 |
| 32.0 | 458.829 | 439.048 | 411.306 | 391.283 | 381.393 |
| 32.5 | 454.487 | 434.706 | 406.964 | 386.700 | 376.809 |
| 33.0 | 450.386 | 430.364 | 402.380 | 382.117 | 372.226 |
| 33.5 | 446.044 | 426.021 | 398.038 | 377.774 | 367.642 |
| 34.0 | 441.702 | 421.679 | 393.696 | 373.191 | 363.059 |
| 34.5 | 437.601 | 417.096 | 388.871 | 368.607 | 358.476 |
| 35.0 | 433.258 | 412.753 | 384.529 | 363.783 | 353.892 |
| 35.5 | 428.916 | 408.170 | 379.945 | 359.199 | 349.550 |
| 36.0 | 424.333 | 403.828 | 375.603 | 354.857 | 344.966 |
| 36.5 | 419.990 | 399.244 | 371.020 | 350.274 | 340.624 |
| 37.0 | 415.648 | 394.661 | 366.436 | 345.449 | 336.041 |
| 37.5 | 411.065 | 390.077 | 361.853 | 341.107 | 331.940 |
| 38.0 | 406.723 | 385.494 | 357.269 | 336.523 | 327.356 |
| 38.5 | 402.139 | 380.910 | 352.927 | 332.181 | 323.014 |
| 39.0 | 397.556 | 376.327 | 348.102 | 327.597 | 318.672 |
| 39.5 | 392.972 | 371.743 | 343.519 | 323.255 | 314.329 |
| 40.0 | 388.147 | 367.160 | 338.935 | 318.672 | 309.987 |
| 40.5 | 383.323 | 362.577 | 334.352 | 314.571 | 305.886 |
| 41.0 | 378.739 | 357.993 | 329.769 | 310.228 | 301.303 |
| 41.5 | 373.915 | 353.168 | 325.185 | 305.886 | 296.961 |
| 42.0 | 369.090 | 348.585 | 320.843 | 301.303 | 292.860 |
| 42.5 | 364.506 | 343.760 | 316.259 | 296.961 | 288.517 |
| 43.0 | 359.682 | 339.177 | 311.917 | 292.860 | 284.416 |
| 43.5 | 354.857 | 334.352 | 307.092 | 288.759 | 280.315 |
| 44.0 | 350.032 | 329.769 | 302.750 | 284.416 | 276.214 |
| 44.5 | 345.208 | 325.185 | 298.167 | 280.074 | 272.113 |
| 45.0 | 340.624 | 320.360 | 293.824 | 275.973 | 268.012 |
| 45.5 | 335.799 | 315.777 | 289.482 | 271.872 | 263.911 |
| 46.0 | 330.975 | 311.193 | 285.140 | 267.771 | 260.052 |
| 46.5 | 326.391 | 306.369 | 280.557 | 263.670 | 255.951 |
| 47.0 | 321.567 | 301.785 | 276.214 | 259.569 | 252.091 |
| 47.5 | 316.983 | 297.202 | 272.113 | 255.227 | 248.231 |
| 48.0 | 312.158 | 292.618 | 267.771 | 251.367 | 244.130 |
| 48.5 | 307.334 | 288.035 | 263.670 | 247.266 | 240.415 |
| 49.0 | 302.750 | 283.210 | 259.087 | 243.406 | 236.531 |
| 49.5 | 297.925 | 278.627 | 254.986 | 239.281 | 232.647 |
| 50.0 | 293.342 | 274.284 | 250.643 | 235.253 | 228.763 |
| 50.5 | 288.517 | 269.701 | 246.542 | 231.441 | 225.072 |
| 51.0 | 283.934 | 265.117 | 242.200 | 227.702 | 221.406 |
| 51.5 | 279.109 | 260.534 | 238.123 | 223.890 | 217.401 |
| 52.0 | 274.526 | 256.192 | 233.878 | 219.958 | 213.638 |
| 52.5 | 269.701 | 251.608 | 229.680 | 216.026 | 210.019 |
| 53.0 | 265.117 | 247.266 | 225.531 | 212.142 | 206.160 |
| 53.5 | 260.293 | 242.924 | 221.575 | 208.500 | 202.662 |
| 54.0 | 255.709 | 238.364 | 217.570 | 204.905 | 198.971 |
| 54.5 | 251.126 | 233.902 | 213.493 | 201.214 | 195.352 |

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CANDELA TABULATION - (Cont.)

| | | | | | |
|------|---------|---------|---------|---------|---------|
| 55.0 | 246.301 | 229.535 | 209.440 | 197.403 | 191.734 |
| 55.5 | 241.718 | 225.217 | 205.508 | 193.543 | 188.043 |
| 56.0 | 237.110 | 220.923 | 201.673 | 189.828 | 184.545 |
| 56.5 | 232.599 | 216.677 | 197.765 | 186.330 | 181.071 |
| 57.0 | 228.064 | 212.383 | 193.905 | 182.880 | 177.742 |
| 57.5 | 223.625 | 208.186 | 190.166 | 179.238 | 174.292 |
| 58.0 | 219.210 | 204.061 | 186.354 | 175.523 | 170.746 |
| 58.5 | 214.941 | 199.936 | 182.470 | 171.880 | 167.297 |
| 59.0 | 210.574 | 195.931 | 178.611 | 168.358 | 164.064 |
| 59.5 | 206.280 | 191.927 | 174.847 | 164.908 | 160.735 |
| 60.0 | 201.962 | 187.970 | 171.229 | 161.555 | 157.309 |
| 60.5 | 197.765 | 184.014 | 167.658 | 158.178 | 153.956 |
| 61.0 | 193.591 | 180.034 | 164.040 | 154.728 | 150.724 |
| 61.5 | 189.394 | 176.053 | 160.277 | 151.254 | 147.395 |
| 62.0 | 185.196 | 172.194 | 156.610 | 147.829 | 144.066 |
| 62.5 | 181.023 | 168.382 | 153.136 | 144.524 | 140.833 |
| 63.0 | 176.825 | 164.498 | 149.807 | 141.291 | 137.673 |
| 63.5 | 172.604 | 160.639 | 146.478 | 138.252 | 134.513 |
| 64.0 | 168.406 | 156.755 | 143.052 | 135.212 | 131.353 |
| 64.5 | 164.209 | 152.895 | 139.506 | 131.932 | 128.265 |
| 65.0 | 159.987 | 149.083 | 136.033 | 128.506 | 125.225 |
| 65.5 | 155.790 | 145.248 | 132.752 | 125.418 | 122.234 |
| 66.0 | 151.616 | 141.412 | 129.543 | 122.644 | 119.363 |
| 66.5 | 147.419 | 137.601 | 126.287 | 119.797 | 116.444 |
| 67.0 | 143.245 | 133.837 | 122.885 | 116.710 | 113.453 |
| 67.5 | 139.096 | 130.098 | 119.460 | 113.381 | 110.413 |
| 68.0 | 134.947 | 126.311 | 116.034 | 109.955 | 107.301 |
| 68.5 | 130.846 | 122.547 | 112.633 | 106.771 | 104.214 |
| 69.0 | 126.793 | 118.784 | 109.400 | 103.804 | 101.222 |
| 69.5 | 122.740 | 115.117 | 106.216 | 100.860 | 98.207 |
| 70.0 | 118.712 | 111.451 | 102.839 | 97.628 | 95.023 |
| 70.5 | 114.756 | 107.760 | 99.389 | 94.154 | 91.862 |
| 71.0 | 110.775 | 104.069 | 95.987 | 90.825 | 88.750 |
| 71.5 | 106.867 | 100.426 | 92.658 | 87.834 | 85.735 |
| 72.0 | 102.983 | 96.904 | 89.474 | 85.060 | 82.816 |
| 72.5 | 99.148 | 93.430 | 86.410 | 82.189 | 80.018 |
| 73.0 | 95.384 | 89.981 | 83.299 | 79.125 | 77.171 |
| 73.5 | 91.645 | 86.507 | 80.090 | 76.061 | 74.228 |
| 74.0 | 87.978 | 83.081 | 76.882 | 73.118 | 71.430 |
| 74.5 | 84.360 | 79.728 | 73.842 | 70.344 | 68.800 |
| 75.0 | 80.814 | 76.472 | 70.923 | 67.618 | 66.098 |
| 75.5 | 77.316 | 73.239 | 68.052 | 64.868 | 63.324 |
| 76.0 | 73.866 | 70.031 | 65.109 | 62.142 | 60.695 |
| 76.5 | 70.465 | 66.798 | 62.190 | 59.344 | 58.114 |
| 77.0 | 67.088 | 63.638 | 59.247 | 56.594 | 55.436 |
| 77.5 | 63.783 | 60.526 | 56.449 | 53.892 | 52.710 |
| 78.0 | 60.478 | 57.438 | 53.723 | 51.262 | 50.129 |
| 78.5 | 57.221 | 54.399 | 50.997 | 48.657 | 47.668 |
| 79.0 | 54.061 | 51.431 | 48.271 | 46.100 | 45.232 |
| 79.5 | 50.925 | 48.512 | 45.593 | 43.591 | 42.819 |
| 80.0 | 47.861 | 45.642 | 42.988 | 41.082 | 40.383 |
| 80.5 | 44.821 | 42.819 | 40.407 | 38.598 | 37.898 |
| 81.0 | 41.878 | 40.045 | 37.802 | 36.161 | 35.462 |
| 81.5 | 39.008 | 37.343 | 35.293 | 33.797 | 33.146 |
| 82.0 | 36.185 | 34.738 | 32.904 | 31.529 | 30.926 |
| 82.5 | 33.435 | 32.181 | 30.540 | 29.334 | 28.779 |

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CANDELA TABULATION - (Cont.)

| | | | | | |
|-------|--------|--------|--------|--------|--------|
| 83.0 | 30.733 | 29.648 | 28.225 | 27.115 | 26.681 |
| 83.5 | 28.080 | 27.139 | 25.885 | 24.920 | 24.582 |
| 84.0 | 25.499 | 24.727 | 23.545 | 22.748 | 22.435 |
| 84.5 | 22.990 | 22.363 | 21.277 | 20.626 | 20.360 |
| 85.0 | 20.529 | 20.047 | 19.154 | 18.575 | 18.454 |
| 85.5 | 18.117 | 17.755 | 17.079 | 16.645 | 16.669 |
| 86.0 | 15.777 | 15.487 | 15.053 | 14.860 | 14.860 |
| 86.5 | 13.509 | 13.316 | 13.027 | 12.978 | 13.027 |
| 87.0 | 11.290 | 11.217 | 11.049 | 11.049 | 11.121 |
| 87.5 | 9.167 | 9.095 | 9.119 | 9.239 | 9.288 |
| 88.0 | 7.116 | 7.165 | 7.382 | 7.551 | 7.623 |
| 88.5 | 5.211 | 5.380 | 5.790 | 5.838 | 5.886 |
| 89.0 | 3.522 | 3.787 | 4.029 | 3.643 | 3.619 |
| 89.5 | 2.436 | 2.509 | 1.882 | 1.785 | 1.978 |
| 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 : LRX2-2-L8-935-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 : LRX2-2-L8-935-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 : LRX2-2-L8-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 208.33 | N.A. | 15.70 |
| 0-30 | 426.51 | N.A. | 32.10 |
| 0-40 | 669.41 | N.A. | 50.40 |
| 0-60 | 1091.46 | N.A. | 82.20 |
| 0-80 | 1306.06 | N.A. | 98.30 |
| 0-90 | 1328.04 | N.A. | 100.00 |
| 10-90 | 1272.84 | N.A. | 95.80 |
| 20-40 | 461.09 | N.A. | 34.70 |
| 20-50 | 691.59 | N.A. | 52.10 |
| 40-70 | 559.95 | N.A. | 42.20 |
| 60-80 | 214.59 | N.A. | 16.20 |
| 70-80 | 76.69 | N.A. | 5.80 |
| 80-90 | 21.98 | 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 | 1328.04 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 55.20 |
| 10-20 | 153.13 |
| 20-30 | 218.18 |
| 30-40 | 242.91 |
| 40-50 | 230.50 |
| 50-60 | 191.55 |
| 60-70 | 137.90 |
| 70-80 | 76.69 |
| 80-90 | 21.98 |
| 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 : LRX2-2-L8-935-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 : LRX2-2-L8-935-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 | 20.9 | 22.5 | 21.3 | 22.8 | 23.1 | 19.8 | 21.3 | 20.1 | 21.7 | 22.0 |
| | 3H | 22.6 | 24.1 | 23.0 | 24.4 | 24.8 | 21.4 | 22.9 | 21.8 | 23.2 | 23.5 |
| | 4H | 23.3 | 24.6 | 23.7 | 24.9 | 25.3 | 22.0 | 23.4 | 22.4 | 23.7 | 24.1 |
| | 6H | 23.7 | 24.9 | 24.1 | 25.3 | 25.7 | 22.5 | 23.7 | 22.9 | 24.1 | 24.5 |
| | 8H | 23.9 | 25.0 | 24.3 | 25.4 | 25.8 | 22.7 | 23.8 | 23.1 | 24.2 | 24.6 |
| | 12H | 23.9 | 25.1 | 24.4 | 25.5 | 25.9 | 22.8 | 23.9 | 23.2 | 24.3 | 24.7 |

UGR Viewed Endwise

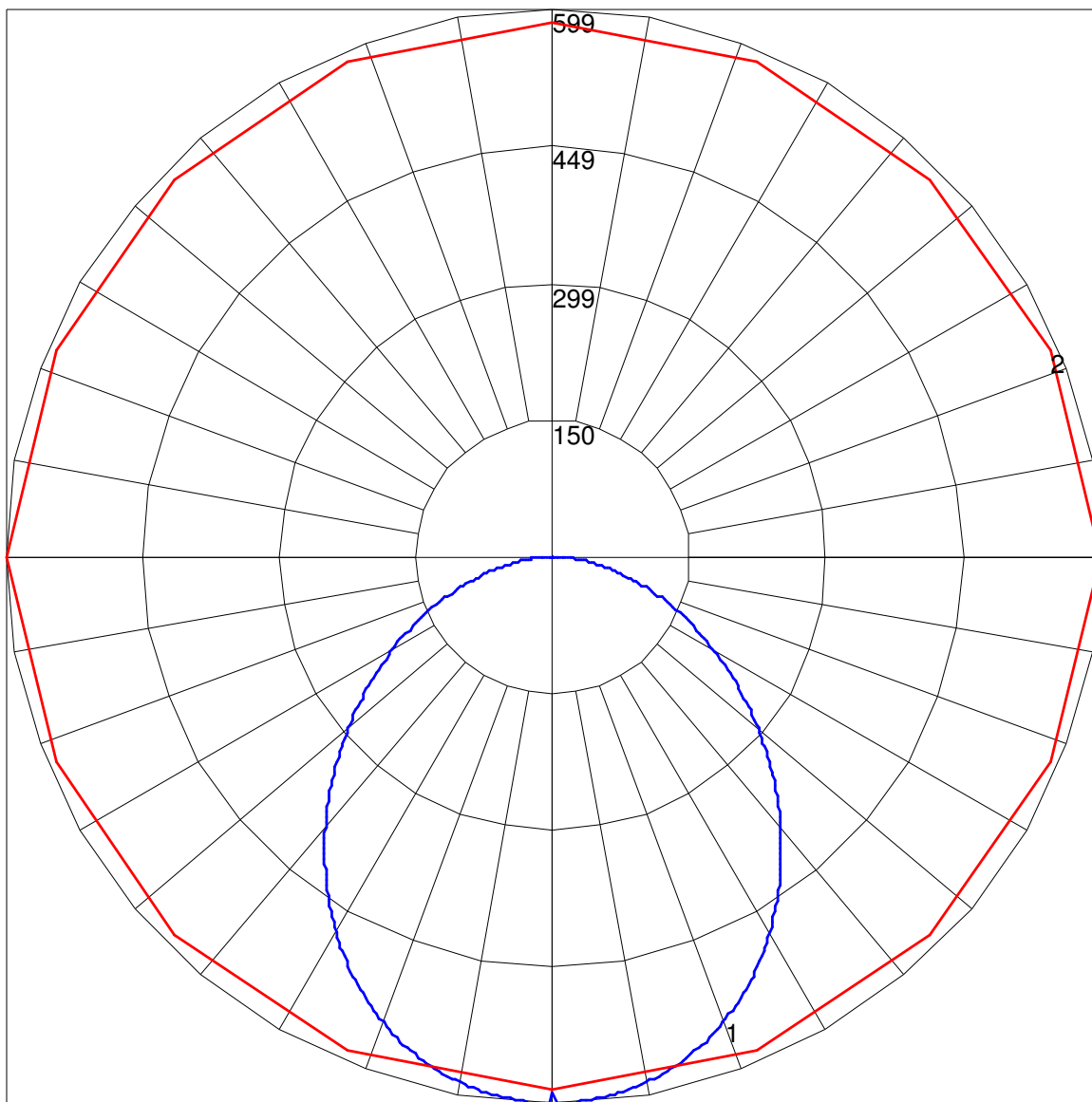
| | | | | | | | | | | | |
|----|-----|------|------|------|------|------|------|------|------|------|------|
| 4H | 2H | 21.4 | 22.7 | 21.8 | 23.1 | 23.4 | 20.4 | 21.8 | 20.8 | 22.1 | 22.5 |
| | 3H | 23.3 | 24.4 | 23.7 | 24.8 | 25.2 | 22.3 | 23.4 | 22.7 | 23.8 | 24.2 |
| | 4H | 24.1 | 25.1 | 24.5 | 25.5 | 25.9 | 23.1 | 24.1 | 23.5 | 24.5 | 24.9 |
| | 6H | 24.7 | 25.5 | 25.1 | 26.0 | 26.4 | 23.6 | 24.5 | 24.1 | 25.0 | 25.4 |
| | 8H | 24.9 | 25.7 | 25.3 | 26.1 | 26.6 | 23.8 | 24.7 | 24.3 | 25.1 | 25.6 |
| | 12H | 25.0 | 25.7 | 25.5 | 26.2 | 26.7 | 24.0 | 24.7 | 24.5 | 25.2 | 25.7 |

| | | | | | | | | | | | |
|----|-----|------|------|------|------|------|------|------|------|------|------|
| 8H | 4H | 24.3 | 25.1 | 24.8 | 25.5 | 26.0 | 23.4 | 24.2 | 23.9 | 24.6 | 25.1 |
| | 6H | 25.0 | 25.7 | 25.5 | 26.2 | 26.6 | 24.1 | 24.8 | 24.6 | 25.3 | 25.7 |
| | 8H | 25.2 | 25.9 | 25.7 | 26.4 | 26.9 | 24.3 | 25.0 | 24.9 | 25.5 | 26.0 |
| | 12H | 25.5 | 26.0 | 26.0 | 26.5 | 27.1 | 24.6 | 25.1 | 25.1 | 25.6 | 26.2 |

| | | | | | | | | | | | |
|-----|----|------|------|------|------|------|------|------|------|------|------|
| 12H | 4H | 24.3 | 25.0 | 24.8 | 25.5 | 26.0 | 23.4 | 24.2 | 23.9 | 24.6 | 25.1 |
| | 6H | 25.0 | 25.6 | 25.5 | 26.1 | 26.6 | 24.2 | 24.8 | 24.7 | 25.2 | 25.8 |
| | 8H | 25.3 | 25.9 | 25.8 | 26.4 | 26.9 | 24.5 | 25.0 | 25.0 | 25.5 | 26.1 |

Maximum UGR = 27.1

POLAR GRAPH



Maximum Candela = 598.746 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.)