

Family Correlated Photometric Data

The following photometric information is developed using correlated data. Finelite considers a family to be a group of luminaires where critical performance metrics such as photometric performance, thermal performance, and electrical performance can be accurately projected via a combination of LM79 tests at the luminaire level and well-documented specifications at the component level.

For more information, please download [Finelite's Family Correlated White Paper](#)

Additional links:

- [Solid-State Lighting: Early Lessons Learned on the Way to Market](#)
(U.S. Department of Energy)
- [Lighting Facts®](#)
- [Design Lights Consortium®](#)

IES INDOOR REPORT
PHOTOMETRIC FILENAME : HP-WS-6W-6D-4FT-S-8-35-ITL86717.001.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]ITL86717.001 Family Correlation File
[TESTLAB]INDEPENDENT TESTING LABORATORIES, INC.
[TESTDATE]02/15/16
[ISSUE DATE]03/30/16
[MANUFAC]FINELITE, INC.
[LUMCAT]HP-WS-6W-6D-4ft-S-8-35
[OTHER]INPUT ELECTRICAL: 120.0 VOLTS, 14.7 WATTS
[OTHER]INPUT ELECTRICAL: 277.0 VOLTS, 16.0 WATTS
[ABSOLUTE LUMENS]1221
[OTHER]see www.finelite.com for source file ITL86717. For further details on Finelite family correlation files, go to
[more]http://www.finelite.com/download_files/series_downloads/photometry_pdf/FL_Family_Correlation_WhitePaper.pdf

CHARACTERISTICS

| | |
|---------------------------------|---------------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 1221 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 83 |
| Total Luminaire Watts | 14.7 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.66 |
| Spacing Criterion (90-270) | 1.20 |
| Spacing Criterion (Diagonal) | 1.14 |
| Basic Luminous Shape | Rectangular w/Sides |
| Luminous Length (0-180) | 0.49 ft |
| Luminous Width (90-270) | 4.00 ft |
| Luminous Height | 0.53 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 1943 | 2064 | 2118 |
| 55 | 1582 | 1682 | 1881 |
| 65 | 1246 | 1305 | 1597 |
| 75 | 929 | 924 | 1223 |
| 85 | 621 | 578 | 577 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : HP-WS-6W-6D-4FT-S-8-35-ITL86717.001.IES

CANDELA TABULATION

| | <u>0.0</u> | <u>5.0</u> | <u>15.0</u> | <u>25.0</u> | <u>35.0</u> | <u>45.0</u> | <u>55.0</u> | <u>65.0</u> | <u>75.0</u> | <u>85.0</u> |
|-------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 0.0 | 521.064 | 521.064 | 521.064 | 521.064 | 521.064 | 521.064 | 521.064 | 521.064 | 521.064 | 521.064 |
| 2.5 | 537.027 | 536.209 | 534.162 | 533.753 | 532.115 | 529.250 | 527.204 | 524.338 | 522.701 | 521.473 |
| 5.0 | 561.177 | 561.177 | 558.721 | 556.265 | 551.353 | 544.804 | 537.846 | 530.069 | 523.110 | 519.426 |
| 7.5 | 584.099 | 583.280 | 580.415 | 576.731 | 569.363 | 559.949 | 549.307 | 537.027 | 524.748 | 516.152 |
| 10.0 | 603.746 | 603.746 | 599.653 | 594.741 | 585.736 | 573.047 | 559.949 | 543.576 | 525.566 | 511.240 |
| 12.5 | 619.300 | 618.482 | 614.798 | 608.658 | 598.425 | 584.508 | 566.498 | 546.032 | 523.929 | 505.510 |
| 15.0 | 630.761 | 629.943 | 626.259 | 619.300 | 608.249 | 591.467 | 571.410 | 547.669 | 521.473 | 498.142 |
| 17.5 | 639.357 | 638.129 | 634.036 | 627.077 | 613.979 | 595.969 | 573.866 | 547.260 | 517.380 | 489.546 |
| 20.0 | 643.860 | 643.041 | 639.357 | 631.580 | 617.663 | 598.016 | 574.275 | 545.214 | 512.877 | 480.541 |
| 22.5 | 646.315 | 645.088 | 640.994 | 632.399 | 618.891 | 597.606 | 572.638 | 541.530 | 506.328 | 469.899 |
| 25.0 | 645.088 | 644.269 | 640.176 | 630.761 | 616.435 | 594.741 | 568.135 | 534.981 | 498.142 | 458.438 |
| 27.5 | 641.813 | 640.585 | 636.492 | 626.668 | 611.933 | 589.420 | 561.996 | 527.613 | 488.727 | 446.158 |
| 30.0 | 634.445 | 633.627 | 629.943 | 619.710 | 605.384 | 582.462 | 554.219 | 519.017 | 478.085 | 432.651 |
| 32.5 | 623.394 | 622.166 | 618.891 | 609.477 | 595.969 | 573.047 | 544.395 | 508.375 | 466.215 | 418.325 |
| 35.0 | 606.611 | 606.202 | 603.746 | 596.788 | 583.690 | 561.586 | 532.934 | 496.505 | 453.526 | 403.180 |
| 37.5 | 586.964 | 586.964 | 584.508 | 578.778 | 568.545 | 548.488 | 519.836 | 483.406 | 440.018 | 387.216 |
| 40.0 | 565.270 | 565.680 | 562.814 | 557.902 | 549.307 | 532.115 | 505.100 | 469.080 | 424.464 | 370.843 |
| 42.5 | 542.758 | 542.758 | 539.892 | 534.981 | 527.204 | 514.105 | 489.137 | 453.526 | 408.910 | 354.061 |
| 45.0 | 519.017 | 518.608 | 516.152 | 511.240 | 503.463 | 492.411 | 470.717 | 436.744 | 392.537 | 336.461 |
| 47.5 | 494.049 | 494.049 | 491.183 | 485.453 | 478.494 | 467.852 | 450.251 | 419.143 | 374.937 | 318.451 |
| 50.0 | 469.489 | 469.899 | 466.215 | 460.484 | 452.707 | 442.884 | 427.739 | 399.905 | 357.336 | 300.441 |
| 52.5 | 444.521 | 444.930 | 441.246 | 434.697 | 426.511 | 416.687 | 403.589 | 380.258 | 338.507 | 282.430 |
| 55.0 | 418.734 | 419.143 | 415.459 | 408.910 | 400.314 | 389.672 | 376.574 | 358.564 | 320.497 | 263.602 |
| 57.5 | 393.356 | 393.765 | 390.081 | 384.351 | 374.118 | 364.704 | 350.377 | 335.233 | 301.259 | 245.182 |
| 60.0 | 367.569 | 367.160 | 364.294 | 358.155 | 347.103 | 336.461 | 323.362 | 310.264 | 280.793 | 226.763 |
| 62.5 | 342.191 | 341.782 | 338.507 | 331.549 | 320.906 | 311.083 | 297.985 | 284.477 | 260.327 | 207.934 |
| 65.0 | 316.813 | 316.404 | 313.129 | 305.762 | 294.710 | 284.068 | 270.970 | 258.281 | 238.633 | 189.106 |
| 67.5 | 291.845 | 291.026 | 287.752 | 280.384 | 268.514 | 257.871 | 244.364 | 231.675 | 216.121 | 170.277 |
| 70.0 | 267.286 | 268.514 | 262.783 | 255.415 | 243.136 | 230.856 | 217.758 | 205.069 | 191.971 | 151.448 |
| 72.5 | 243.136 | 243.954 | 238.224 | 230.856 | 219.805 | 205.888 | 191.971 | 178.873 | 167.002 | 132.620 |
| 75.0 | 219.395 | 219.805 | 214.074 | 207.525 | 196.473 | 182.147 | 167.412 | 153.495 | 142.443 | 113.791 |
| 77.5 | 196.473 | 196.883 | 191.562 | 185.012 | 173.961 | 159.635 | 145.308 | 128.936 | 116.656 | 95.371 |
| 80.0 | 173.961 | 174.370 | 169.458 | 162.091 | 152.267 | 138.350 | 123.614 | 106.014 | 92.506 | 76.133 |
| 82.5 | 152.267 | 152.676 | 147.764 | 142.034 | 131.801 | 118.293 | 103.967 | 85.548 | 69.994 | 57.305 |
| 85.0 | 130.982 | 131.392 | 126.480 | 121.159 | 111.744 | 98.646 | 85.138 | 68.356 | 49.528 | 36.020 |
| 87.5 | 110.926 | 110.926 | 106.832 | 101.511 | 92.097 | 79.817 | 67.128 | 51.574 | 34.792 | 14.326 |
| 90.0 | 90.460 | 90.460 | 88.004 | 83.092 | 73.678 | 62.626 | 51.165 | 37.248 | 22.922 | 4.503 |
| 92.5 | 64.263 | 64.672 | 61.807 | 57.305 | 49.528 | 39.295 | 29.471 | 18.829 | 10.642 | 2.047 |
| 95.0 | 38.885 | 38.885 | 37.248 | 33.564 | 28.243 | 22.513 | 18.010 | 13.098 | 6.958 | 0.819 |
| 97.5 | 26.606 | 26.606 | 25.787 | 24.559 | 22.513 | 19.238 | 15.554 | 10.642 | 4.912 | 0.409 |
| 100.0 | 23.741 | 23.741 | 23.331 | 22.103 | 20.057 | 17.191 | 13.508 | 9.005 | 4.093 | 0.409 |
| 102.5 | 22.103 | 22.103 | 21.694 | 20.466 | 18.419 | 15.554 | 12.280 | 8.186 | 2.456 | 0.409 |
| 105.0 | 20.466 | 20.466 | 20.057 | 18.829 | 17.191 | 14.326 | 11.461 | 7.368 | 1.228 | 0.409 |
| 107.5 | 19.647 | 19.238 | 18.829 | 18.010 | 15.963 | 13.917 | 10.642 | 5.321 | 0.819 | 0.409 |
| 110.0 | 18.419 | 18.419 | 18.010 | 17.191 | 15.554 | 13.098 | 10.233 | 3.684 | 0.819 | 0.000 |
| 112.5 | 18.010 | 18.010 | 17.601 | 16.373 | 14.736 | 12.689 | 7.777 | 2.047 | 0.409 | 0.000 |
| 115.0 | 17.601 | 17.601 | 16.782 | 15.963 | 14.326 | 11.870 | 5.321 | 0.819 | 0.409 | 0.000 |
| 117.5 | 17.191 | 16.782 | 16.373 | 15.554 | 13.917 | 8.596 | 3.275 | 0.819 | 0.409 | 0.000 |
| 120.0 | 16.373 | 16.373 | 15.963 | 15.145 | 11.461 | 6.140 | 1.637 | 0.409 | 0.409 | 0.000 |
| 122.5 | 15.963 | 15.963 | 15.145 | 12.689 | 8.186 | 4.093 | 0.409 | 0.409 | 0.409 | 0.000 |
| 125.0 | 13.508 | 13.098 | 11.461 | 9.005 | 5.321 | 2.047 | 0.409 | 0.409 | 0.409 | 0.000 |
| 127.5 | 9.414 | 9.414 | 8.186 | 6.140 | 3.275 | 0.409 | 0.409 | 0.409 | 0.000 | 0.000 |
| 130.0 | 6.549 | 6.140 | 5.321 | 3.684 | 1.228 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 3.684 | 3.684 | 2.865 | 1.637 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : HP-WS-6W-6D-4FT-S-8-35-ITL86717.001.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 135.0 | 1.637 | 1.637 | 0.819 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Vert. Horizontal Angles

| | <u>90.0</u> | <u>112.5</u> | <u>135.0</u> | <u>157.5</u> | <u>180.0</u> |
|------|-------------|--------------|--------------|--------------|--------------|
| 0.0 | 521.064 | 521.064 | 521.064 | 521.064 | 521.064 |
| 2.5 | 520.654 | 515.333 | 505.919 | 494.458 | 488.727 |
| 5.0 | 518.198 | 498.142 | 461.712 | 429.785 | 417.506 |
| 7.5 | 514.515 | 471.945 | 408.092 | 358.564 | 340.554 |
| 10.0 | 508.375 | 441.656 | 352.015 | 286.933 | 263.602 |
| 12.5 | 501.416 | 406.454 | 296.347 | 216.530 | 187.878 |
| 15.0 | 492.411 | 371.662 | 239.452 | 148.992 | 116.656 |
| 17.5 | 482.588 | 337.689 | 184.603 | 86.776 | 58.942 |
| 20.0 | 471.536 | 302.078 | 132.620 | 33.155 | 13.098 |
| 22.5 | 459.256 | 266.467 | 84.320 | 11.052 | 7.368 |
| 25.0 | 445.340 | 230.856 | 40.932 | 7.777 | 5.321 |
| 27.5 | 431.013 | 196.473 | 15.554 | 6.140 | 4.093 |
| 30.0 | 415.869 | 163.318 | 11.052 | 5.321 | 3.684 |
| 32.5 | 399.087 | 130.982 | 9.005 | 4.093 | 2.865 |
| 35.0 | 381.895 | 100.283 | 7.368 | 3.275 | 2.047 |
| 37.5 | 363.885 | 71.631 | 6.140 | 2.456 | 1.637 |
| 40.0 | 345.466 | 45.434 | 4.912 | 2.047 | 0.409 |
| 42.5 | 327.865 | 24.150 | 4.093 | 1.228 | 0.409 |
| 45.0 | 308.627 | 15.963 | 2.865 | 0.819 | 0.000 |
| 47.5 | 289.798 | 12.689 | 2.047 | 0.409 | 0.000 |
| 50.0 | 270.151 | 10.642 | 1.228 | 0.409 | 0.000 |
| 52.5 | 252.550 | 8.596 | 0.819 | 0.000 | 0.000 |
| 55.0 | 233.312 | 6.958 | 0.409 | 0.000 | 0.000 |
| 57.5 | 214.483 | 5.321 | 0.000 | 0.000 | 0.000 |
| 60.0 | 195.245 | 3.684 | 0.000 | 0.000 | 0.000 |
| 62.5 | 176.417 | 2.865 | 0.000 | 0.000 | 0.000 |
| 65.0 | 157.588 | 1.637 | 0.000 | 0.000 | 0.000 |
| 67.5 | 139.578 | 0.819 | 0.000 | 0.000 | 0.000 |
| 70.0 | 121.568 | 0.409 | 0.000 | 0.000 | 0.000 |
| 72.5 | 104.376 | 0.409 | 0.000 | 0.000 | 0.000 |
| 75.0 | 85.957 | 0.000 | 0.000 | 0.000 | 0.000 |
| 77.5 | 69.584 | 0.000 | 0.000 | 0.000 | 0.000 |
| 80.0 | 53.621 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : HP-WS-6W-6D-4FT-S-8-35-ITL86717.001.IES

CANDELA TABULATION - (Cont.)

| | | | | | |
|-------|--------|-------|-------|-------|-------|
| 82.5 | 37.657 | 0.000 | 0.000 | 0.000 | 0.000 |
| 85.0 | 22.922 | 0.000 | 0.000 | 0.000 | 0.000 |
| 87.5 | 7.368 | 0.000 | 0.000 | 0.000 | 0.000 |
| 90.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 92.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 97.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 102.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 107.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 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 : HP-WS-6W-6D-4FT-S-8-35-ITL86717.001.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 165.50 | N.A. | 13.60 |
| 0-30 | 327.91 | N.A. | 26.90 |
| 0-40 | 519.34 | N.A. | 42.50 |
| 0-60 | 895.32 | N.A. | 73.30 |
| 0-80 | 1140.21 | N.A. | 93.40 |
| 0-90 | 1192.35 | N.A. | 97.60 |
| 10-90 | 1145.47 | N.A. | 93.80 |
| 20-40 | 353.84 | N.A. | 29.00 |
| 20-50 | 549.69 | N.A. | 45.00 |
| 40-70 | 521.51 | N.A. | 42.70 |
| 60-80 | 244.88 | N.A. | 20.10 |
| 70-80 | 99.35 | N.A. | 8.10 |
| 80-90 | 52.14 | N.A. | 4.30 |
| 90-110 | 21.89 | N.A. | 1.80 |
| 90-120 | 26.46 | N.A. | 2.20 |
| 90-130 | 28.60 | N.A. | 2.30 |
| 90-150 | 28.82 | N.A. | 2.40 |
| 90-180 | 28.82 | N.A. | 2.40 |
| 110-180 | 6.93 | N.A. | 0.60 |
| 0-180 | 1221.16 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 46.87 |
| 10-20 | 118.63 |
| 20-30 | 162.41 |
| 30-40 | 191.43 |
| 40-50 | 195.85 |
| 50-60 | 180.13 |
| 60-70 | 145.53 |
| 70-80 | 99.35 |
| 80-90 | 52.14 |
| 90-100 | 15.26 |
| 100-110 | 6.63 |
| 110-120 | 4.57 |
| 120-130 | 2.14 |
| 130-140 | 0.21 |
| 140-150 | 0.00 |
| 150-160 | 0.00 |
| 160-170 | 0.00 |
| 170-180 | 0.00 |

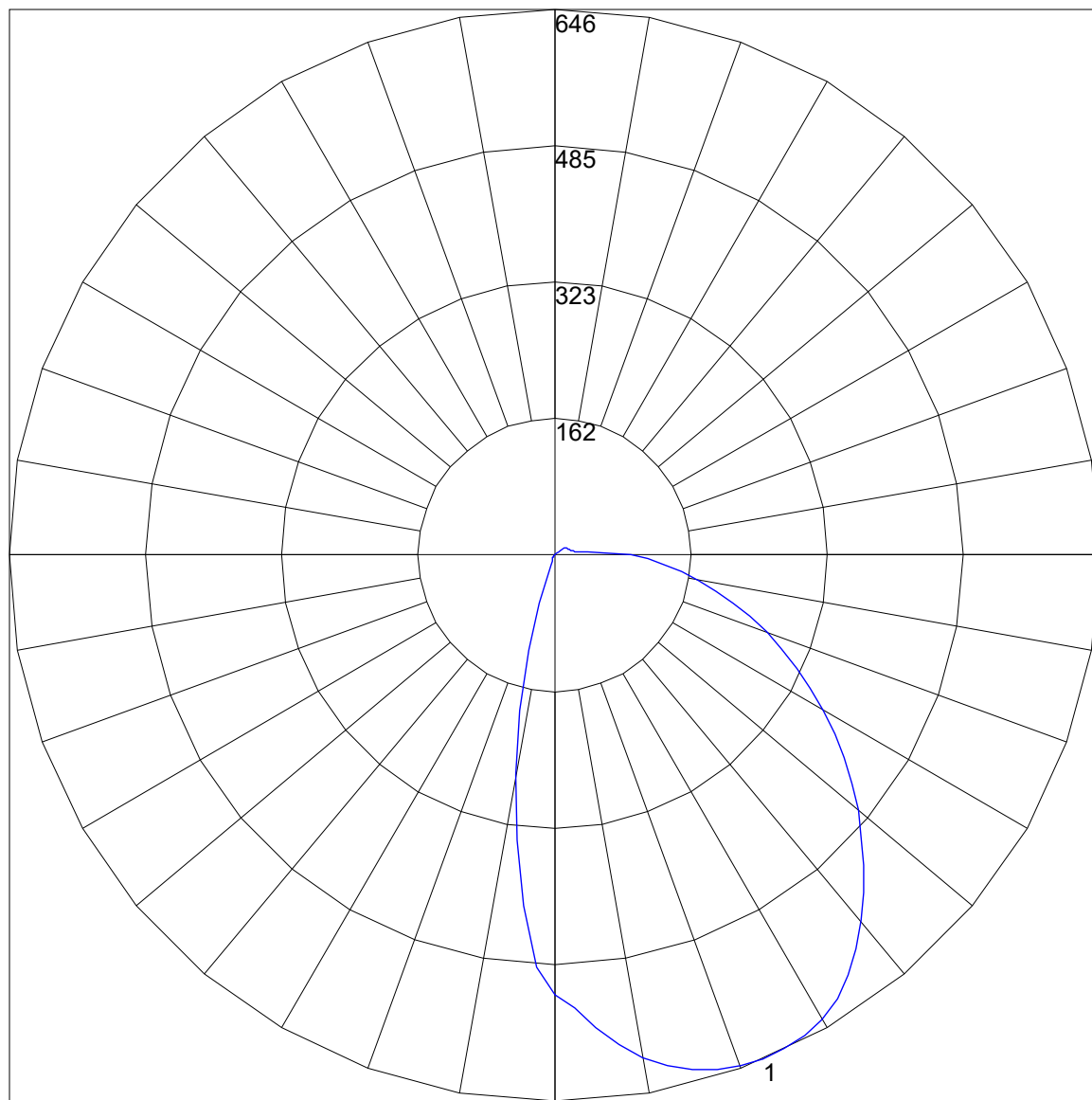
IES INDOOR REPORT
PHOTOMETRIC FILENAME : HP-WS-6W-6D-4FT-S-8-35-ITL86717.001.IES

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 | 115 | 115 | 115 | 115 | 110 | 110 | 110 | 105 | 105 | 105 | 100 | 100 | 100 | 98 |
| 1 | 107 | 102 | 97 | 93 | 104 | 99 | 95 | 91 | 95 | 91 | 88 | 90 | 87 | 85 | 86 | 84 | 82 | 79 |
| 2 | 97 | 88 | 81 | 75 | 94 | 86 | 80 | 74 | 82 | 77 | 72 | 79 | 74 | 70 | 75 | 71 | 68 | 66 |
| 3 | 89 | 78 | 69 | 62 | 86 | 76 | 68 | 62 | 72 | 66 | 60 | 69 | 64 | 59 | 66 | 62 | 58 | 55 |
| 4 | 81 | 69 | 60 | 53 | 79 | 67 | 59 | 52 | 64 | 57 | 51 | 62 | 55 | 50 | 59 | 54 | 49 | 47 |
| 5 | 75 | 62 | 52 | 46 | 72 | 60 | 52 | 45 | 58 | 50 | 45 | 56 | 49 | 44 | 53 | 48 | 43 | 41 |
| 6 | 69 | 55 | 46 | 40 | 67 | 54 | 46 | 40 | 52 | 45 | 39 | 50 | 44 | 39 | 49 | 43 | 38 | 36 |
| 7 | 64 | 50 | 42 | 35 | 62 | 49 | 41 | 35 | 48 | 40 | 35 | 46 | 39 | 34 | 44 | 38 | 34 | 32 |
| 8 | 60 | 46 | 38 | 32 | 58 | 45 | 37 | 31 | 44 | 36 | 31 | 42 | 36 | 31 | 41 | 35 | 30 | 29 |
| 9 | 56 | 42 | 34 | 29 | 54 | 42 | 34 | 28 | 40 | 33 | 28 | 39 | 33 | 28 | 38 | 32 | 28 | 26 |
| 10 | 52 | 39 | 31 | 26 | 51 | 39 | 31 | 26 | 37 | 30 | 26 | 36 | 30 | 25 | 35 | 29 | 25 | 23 |

POLAR GRAPH



Maximum Candela = 646.315 Located At Horizontal Angle = 0, Vertical Angle = 22.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)