

# PHILIPS

# LUMEC

## IES ROAD REPORT

PHOTOMETRIC FILENAME : DOS-35W32LED4K-T-LE4F-HS.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]LRPS1343J

[TESTLAB] PHILIPS Lighting - San Marcos

[ISSUEDATE]10/19/2015

[MANUFAC]PHILIPS LUMEC

[LUMCAT]DOS-35W32LED4K-T-LE4F-HS

[LUMINAIRE]DOMUS, TYPE LE4F OPTIC, FLAT GLASS, INTERNAL SHIELDS

[LAMP](2) LEDGINE IP20, NW

[ABSOLUTE LUMENS] 2792 ABSOLUTE LUMENS DELIVERED

[OTHER] DATA SHOWN IS ABSOLUTE PHOTOMETRY AT RATED INPUT

[OTHER] BUG RATING B1-U0-G1

[OTHER]INPUT: 120.05V 0.45A 53.94W OUTPUT: 89.56V 0.5311A

[SEARCH\_CRI] 70

[SEARCH\_COLORTEMP] 4000

[SEARCH\_APPLICATION] Outdoor, Architectural, Area, Commercial, Landscape, Office, Parking, Parks, Pathway, Pedestrian, F

[SEARCH\_MOUNTING] Arm, Pendant, Pole, Post Top

### CHARACTERISTICS

|                                                 |                                |
|-------------------------------------------------|--------------------------------|
| IES Classification                              | Type IV                        |
| Longitudinal Classification                     | Short                          |
| Lumens Per Lamp                                 | N.A. (absolute)                |
| Total Lamp Lumens                               | N.A. (absolute)                |
| Luminaire Lumens                                | 2792                           |
| Downward Total Efficiency                       | N.A. (absolute)                |
| Total Luminaire Efficiency                      | N.A. (absolute)                |
| Luminaire Efficacy Rating (LER)                 | 78                             |
| Total Luminaire Watts                           | 35.75                          |
| Ballast Factor                                  | 1.00                           |
| Upward Waste Light Ratio                        | 0.00                           |
| Maximum Candela                                 | 1529.02                        |
| Maximum Candela Angle                           | 45H 67.5V                      |
| Maximum Candela (<90 Degrees Vertical)          | 1529.02                        |
| Maximum Candela Angle (<90 Degrees Vertical)    | 45H 67.5V                      |
| Maximum Candela At 90 Degrees Vertical          | 0 (0.0% Luminaire Lumens)      |
| Maximum Candela from 80 to <90 Degrees Vertical | 88.864 (3.2% Luminaire Lumens) |
| Cutoff Classification (deprecated)              | N.A. (absolute)                |



**IES ROAD REPORT****PHOTOMETRIC FILENAME : DOS-35W32LED4K-T-LE4F-HS.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

|                               | Lumens   | % Lamp | % Luminaire |
|-------------------------------|----------|--------|-------------|
| FL - Front-Low (0-30)         | 306.9    | N.A.   | 11.0        |
| FM - Front-Medium (30-60)     | 1156.3   | N.A.   | 41.4        |
| FH - Front-High (60-80)       | 917.7    | N.A.   | 32.9        |
| FVH - Front-Very High (80-90) | 7.5      | N.A.   | 0.3         |
| BL - Back-Low (0-30)          | 114.7    | N.A.   | 4.1         |
| BM - Back-Medium (30-60)      | 217.5    | N.A.   | 7.8         |
| BH - Back-High (60-80)        | 68.7     | N.A.   | 2.5         |
| BVH - Back-Very High (80-90)  | 2.9      | N.A.   | 0.1         |
| UL - Uplight-Low (90-100)     | 0.0      | N.A.   | 0.0         |
| UH - Uplight-High (100-180)   | 0.0      | N.A.   | 0.0         |
| Total                         | 2792.2   | N.A.   | 100.0       |
| BUG Rating                    | B1-U0-G1 |        |             |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : DOS-35W32LED4K-T-LE4F-HS.IES**

**CANDELA TABULATION**

| <b>Vert.<br/>Angles</b> | <b>Horizontal Angles</b> |                   |                    |                    |                    |                    |                    |                    |                    |                    |
|-------------------------|--------------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                         | <u><b>0.0</b></u>        | <u><b>5.0</b></u> | <u><b>15.0</b></u> | <u><b>25.0</b></u> | <u><b>35.0</b></u> | <u><b>45.0</b></u> | <u><b>55.0</b></u> | <u><b>60.0</b></u> | <u><b>62.5</b></u> | <u><b>65.0</b></u> |
| <b>0.0</b>              | 625.906                  | 625.906           | 625.906            | 625.906            | 625.906            | 625.906            | 625.906            | 625.906            | 625.906            | 625.906            |
| <b>2.5</b>              | 670.373                  | 667.615           | 665.547            | 663.065            | 660.790            | 653.965            | 650.656            | 648.312            | 647.002            | 645.416            |
| <b>5.0</b>              | 694.502                  | 690.848           | 688.228            | 684.230            | 681.127            | 672.717            | 667.684            | 664.444            | 661.824            | 659.204            |
| <b>7.5</b>              | 709.255                  | 705.463           | 702.774            | 698.086            | 694.777            | 686.573            | 679.611            | 675.060            | 672.579            | 668.856            |
| <b>10.0</b>             | 721.043                  | 717.528           | 714.012            | 707.876            | 703.050            | 694.708            | 688.780            | 683.333            | 680.920            | 676.991            |
| <b>12.5</b>             | 733.039                  | 730.212           | 725.042            | 717.803            | 710.909            | 702.154            | 695.260            | 690.848            | 688.504            | 684.850            |
| <b>15.0</b>             | 748.068                  | 745.035           | 739.175            | 730.006            | 719.665            | 710.358            | 701.878            | 697.121            | 695.329            | 692.089            |
| <b>17.5</b>             | 761.167                  | 757.857           | 751.377            | 741.932            | 731.247            | 720.630            | 709.599            | 703.740            | 701.533            | 699.121            |
| <b>20.0</b>             | 771.990                  | 768.750           | 761.994            | 752.963            | 741.863            | 732.694            | 718.148            | 712.702            | 709.737            | 707.393            |
| <b>22.5</b>             | 780.746                  | 777.299           | 771.163            | 762.545            | 752.618            | 744.897            | 729.937            | 721.802            | 718.906            | 716.356            |
| <b>25.0</b>             | 788.605                  | 785.985           | 780.814            | 772.817            | 763.855            | 757.099            | 743.035            | 736.486            | 732.212            | 728.627            |
| <b>27.5</b>             | 803.565                  | 801.841           | 794.534            | 785.020            | 776.954            | 770.473            | 758.547            | 754.135            | 750.481            | 746.138            |
| <b>30.0</b>             | 830.796                  | 828.797           | 816.181            | 800.118            | 790.949            | 784.675            | 776.195            | 772.335            | 770.198            | 766.406            |
| <b>32.5</b>             | 875.952                  | 866.162           | 840.172            | 819.972            | 807.150            | 800.118            | 795.981            | 792.741            | 790.949            | 788.260            |
| <b>35.0</b>             | 921.176                  | 903.734           | 864.094            | 842.860            | 828.797            | 817.697            | 818.042            | 815.629            | 814.319            | 812.665            |
| <b>37.5</b>             | 939.859                  | 923.658           | 888.843            | 870.505            | 854.718            | 839.620            | 840.999            | 839.551            | 839.138            | 838.586            |
| <b>40.0</b>             | 943.099                  | 932.482           | 912.559            | 899.391            | 883.811            | 867.748            | 865.680            | 866.093            | 866.921            | 867.541            |
| <b>42.5</b>             | 964.677                  | 957.921           | 941.927            | 929.518            | 914.558            | 900.839            | 895.048            | 897.461            | 898.840            | 900.081            |
| <b>45.0</b>             | 1039.202                 | 1031.273          | 1004.938           | 971.227            | 946.546            | 934.689            | 926.071            | 925.726            | 926.829            | 927.519            |
| <b>47.5</b>             | 1137.717                 | 1127.169          | 1095.112           | 1045.682           | 992.391            | 965.229            | 957.646            | 958.197            | 959.231            | 961.368            |
| <b>50.0</b>             | 1230.028                 | 1215.964          | 1183.562           | 1135.993           | 1061.607           | 1008.385           | 998.389            | 998.734            | 999.837            | 1002.181           |
| <b>52.5</b>             | 1310.067                 | 1293.935          | 1267.876           | 1215.343           | 1147.920           | 1080.910           | 1048.646           | 1044.441           | 1042.924           | 1040.443           |
| <b>55.0</b>             | 1347.639                 | 1329.094          | 1327.509           | 1282.836           | 1237.059           | 1178.391           | 1110.899           | 1084.013           | 1077.946           | 1076.705           |
| <b>57.5</b>             | 1320.408                 | 1305.999          | 1323.303           | 1337.160           | 1326.888           | 1280.078           | 1188.250           | 1140.474           | 1129.030           | 1121.792           |
| <b>60.0</b>             | 1285.524                 | 1275.735          | 1295.038           | 1347.915           | 1407.479           | 1382.040           | 1281.457           | 1221.686           | 1199.418           | 1185.148           |
| <b>62.5</b>             | 1285.455                 | 1268.634          | 1292.832           | 1357.498           | 1449.188           | 1472.627           | 1380.248           | 1317.237           | 1285.593           | 1260.982           |
| <b>65.0</b>             | 1298.485                 | 1286.076          | 1324.682           | 1379.558           | 1481.452           | 1527.021           | 1444.431           | 1378.869           | 1347.708           | 1320.477           |
| <b>67.5</b>             | 1138.062                 | 1150.747          | 1340.814           | 1402.584           | 1467.043           | 1529.020           | 1486.622           | 1425.059           | 1393.002           | 1363.082           |
| <b>70.0</b>             | 888.154                  | 898.219           | 1182.941           | 1397.207           | 1442.087           | 1504.133           | 1446.154           | 1337.298           | 1274.976           | 1209.277           |
| <b>72.5</b>             | 652.310                  | 633.628           | 885.121            | 1284.214           | 1298.623           | 1269.737           | 1087.804           | 956.543            | 894.428            | 834.243            |
| <b>75.0</b>             | 376.412                  | 377.447           | 478.237            | 836.311            | 863.405            | 645.347            | 558.828            | 497.471            | 459.347            | 412.882            |
| <b>77.5</b>             | 87.416                   | 83.004            | 132.158            | 239.084            | 303.956            | 228.054            | 221.022            | 207.578            | 189.171            | 162.561            |
| <b>80.0</b>             | 21.578                   | 21.234            | 38.606             | 71.629             | 87.416             | 58.737             | 87.485             | 88.864             | 81.211             | 71.491             |
| <b>82.5</b>             | 9.031                    | 8.686             | 13.512             | 22.543             | 21.371             | 15.029             | 34.332             | 29.231             | 26.611             | 25.370             |
| <b>85.0</b>             | 3.033                    | 2.551             | 3.240              | 4.481              | 5.446              | 5.791              | 7.997              | 6.687              | 6.894              | 6.618              |
| <b>87.5</b>             | 0.620                    | 0.207             | 0.620              | 0.965              | 1.310              | 1.379              | 1.930              | 2.137              | 2.068              | 2.137              |
| <b>90.0</b>             | 0.000                    | 0.000             | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              |

| <b>Vert.<br/>Angles</b> | <b>Horizontal Angles</b> |                    |                    |                    |                    |                    |                    |                    |                    |                    |
|-------------------------|--------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                         | <u><b>67.5</b></u>       | <u><b>70.0</b></u> | <u><b>72.5</b></u> | <u><b>75.0</b></u> | <u><b>77.5</b></u> | <u><b>80.0</b></u> | <u><b>82.5</b></u> | <u><b>85.0</b></u> | <u><b>87.5</b></u> | <u><b>90.0</b></u> |
| <b>0.0</b>              | 625.906                  | 625.906            | 625.906            | 625.906            | 625.906            | 625.906            | 625.906            | 625.906            | 625.906            | 625.906            |
| <b>2.5</b>              | 643.417                  | 641.694            | 639.970            | 638.247            | 636.868            | 634.179            | 632.042            | 629.974            | 627.837            | 624.872            |
| <b>5.0</b>              | 656.171                  | 653.827            | 651.276            | 648.519            | 645.416            | 641.831            | 637.695            | 633.834            | 629.560            | 624.459            |
| <b>7.5</b>              | 665.340                  | 662.582            | 659.687            | 656.102            | 652.035            | 647.553            | 642.314            | 636.868            | 630.939            | 624.045            |
| <b>10.0</b>             | 673.406                  | 670.373            | 667.201            | 663.134            | 658.308            | 653.551            | 647.209            | 640.522            | 633.007            | 624.390            |
| <b>12.5</b>             | 681.265                  | 678.163            | 674.440            | 670.442            | 665.133            | 659.549            | 652.379            | 645.141            | 636.454            | 625.837            |
| <b>15.0</b>             | 688.848                  | 685.746            | 682.437            | 678.163            | 672.854            | 666.512            | 659.618            | 652.103            | 642.659            | 630.387            |
| <b>17.5</b>             | 696.432                  | 693.399            | 689.952            | 686.022            | 680.714            | 674.440            | 668.166            | 660.583            | 650.380            | 636.937            |
| <b>20.0</b>             | 705.325                  | 701.947            | 698.914            | 695.742            | 690.779            | 684.161            | 677.473            | 669.614            | 658.584            | 643.762            |
| <b>22.5</b>             | 714.287                  | 711.047            | 707.876            | 704.360            | 700.568            | 694.571            | 687.883            | 679.266            | 668.029            | 652.586            |
| <b>25.0</b>             | 726.421                  | 723.387            | 720.285            | 716.356            | 712.840            | 707.876            | 701.189            | 691.675            | 679.679            | 663.203            |
| <b>27.5</b>             | 742.897                  | 739.382            | 736.762            | 733.039            | 729.316            | 724.628            | 717.596            | 707.531            | 693.743            | 675.750            |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : DOS-35W32LED4K-T-LE4F-HS.IES**

**CANDELA TABULATION - (Cont.)**

|      |          |          |          |          |          |          |          |         |         |         |
|------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|
| 30.0 | 762.959  | 758.616  | 755.376  | 751.998  | 748.413  | 742.760  | 736.003  | 724.835 | 710.013 | 688.917 |
| 32.5 | 786.054  | 782.400  | 777.712  | 773.300  | 769.991  | 764.131  | 756.685  | 744.483 | 727.455 | 703.326 |
| 35.0 | 810.665  | 808.046  | 804.530  | 799.290  | 795.361  | 788.605  | 780.056  | 766.682 | 747.172 | 719.803 |
| 37.5 | 837.207  | 836.518  | 834.726  | 829.486  | 824.660  | 817.008  | 807.770  | 791.155 | 767.923 | 736.831 |
| 40.0 | 868.299  | 868.299  | 867.334  | 863.542  | 859.199  | 850.995  | 839.896  | 819.903 | 790.949 | 755.100 |
| 42.5 | 902.356  | 903.321  | 902.976  | 901.666  | 898.909  | 888.568  | 875.055  | 850.995 | 817.353 | 774.610 |
| 45.0 | 930.139  | 932.414  | 934.206  | 936.964  | 934.895  | 924.348  | 905.665  | 876.572 | 835.760 | 786.054 |
| 47.5 | 963.919  | 967.849  | 972.674  | 976.673  | 972.192  | 959.369  | 932.551  | 895.669 | 848.927 | 792.327 |
| 50.0 | 1003.353 | 1005.076 | 1008.041 | 1012.660 | 1011.143 | 999.492  | 969.365  | 924.554 | 869.471 | 803.771 |
| 52.5 | 1039.891 | 1042.786 | 1048.026 | 1052.300 | 1047.405 | 1028.930 | 989.013  | 933.999 | 867.817 | 792.741 |
| 55.0 | 1079.394 | 1083.461 | 1087.253 | 1087.391 | 1078.497 | 1053.886 | 1006.938 | 943.444 | 866.300 | 778.264 |
| 57.5 | 1122.067 | 1127.100 | 1131.443 | 1129.789 | 1116.414 | 1083.323 | 1025.689 | 951.510 | 861.957 | 759.236 |
| 60.0 | 1177.426 | 1179.012 | 1179.977 | 1174.600 | 1151.574 | 1106.349 | 1039.615 | 954.061 | 850.858 | 734.763 |
| 62.5 | 1244.022 | 1236.439 | 1229.614 | 1214.102 | 1178.736 | 1120.206 | 1042.924 | 944.547 | 827.349 | 697.742 |
| 65.0 | 1298.623 | 1281.112 | 1260.844 | 1229.269 | 1176.668 | 1101.592 | 1007.282 | 889.188 | 770.956 | 632.731 |
| 67.5 | 1333.782 | 1296.348 | 1250.710 | 1186.044 | 1097.456 | 994.391  | 880.019  | 760.960 | 632.318 | 492.438 |
| 70.0 | 1154.331 | 1093.113 | 1025.207 | 939.790  | 835.415  | 721.388  | 607.086  | 500.298 | 396.405 | 286.721 |
| 72.5 | 784.951  | 710.909  | 639.212  | 548.900  | 455.900  | 362.762  | 289.203  | 229.984 | 173.522 | 121.955 |
| 75.0 | 371.724  | 307.059  | 248.529  | 196.134  | 155.391  | 120.576  | 98.171   | 82.590  | 66.596  | 52.532  |
| 77.5 | 139.948  | 112.648  | 95.275   | 82.728   | 71.835   | 62.942   | 55.979   | 50.119  | 43.501  | 33.987  |
| 80.0 | 65.010   | 57.772   | 52.119   | 47.017   | 41.364   | 36.745   | 32.815   | 29.575  | 27.438  | 22.819  |
| 82.5 | 26.059   | 23.577   | 21.716   | 20.475   | 19.372   | 18.062   | 17.097   | 15.580  | 14.408  | 11.582  |
| 85.0 | 6.825    | 6.963    | 6.618    | 6.825    | 7.514    | 6.342    | 6.480    | 6.205   | 5.929   | 5.584   |
| 87.5 | 2.275    | 2.206    | 2.344    | 2.344    | 2.275    | 2.413    | 2.413    | 2.344   | 2.206   | 2.413   |
| 90.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   | 0.000   |

**Vert.  
Angles**

**Horizontal Angles**

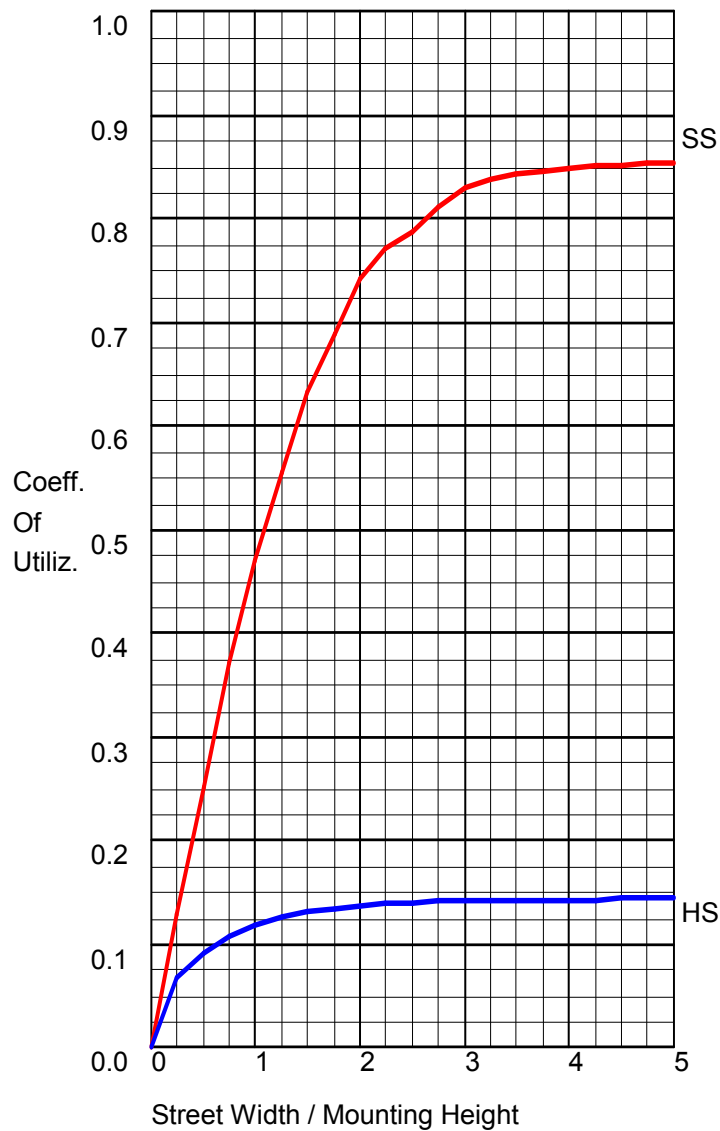
|      | <u>95.0</u> | <u>105.0</u> | <u>115.0</u> | <u>125.0</u> | <u>135.0</u> | <u>145.0</u> | <u>155.0</u> | <u>165.0</u> | <u>175.0</u> | <u>180.0</u> |
|------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 0.0  | 625.906     | 625.906      | 625.906      | 625.906      | 625.906      | 625.906      | 625.906      | 625.906      | 625.906      | 625.906      |
| 2.5  | 620.184     | 606.879      | 594.539      | 579.923      | 566.135      | 558.276      | 548.969      | 543.937      | 541.524      | 538.077      |
| 5.0  | 614.118     | 584.473      | 551.106      | 515.740      | 483.132      | 458.313      | 436.459      | 422.120      | 415.019      | 410.538      |
| 7.5  | 607.913     | 558.690      | 501.814      | 443.974      | 391.372      | 348.354      | 314.573      | 292.443      | 281.137      | 275.140      |
| 10.0 | 602.605     | 530.700      | 449.144      | 368.760      | 297.338      | 243.220      | 209.715      | 193.239      | 186.827      | 184.139      |
| 12.5 | 598.330     | 502.159      | 395.164      | 293.822      | 216.403      | 181.795      | 171.040      | 166.904      | 165.387      | 165.180      |
| 15.0 | 595.917     | 474.583      | 341.529      | 227.157      | 176.349      | 165.663      | 162.629      | 161.389      | 161.182      | 162.009      |
| 17.5 | 595.779     | 448.179      | 289.272      | 184.690      | 164.215      | 160.768      | 159.872      | 159.527      | 159.320      | 160.010      |
| 20.0 | 595.848     | 420.603      | 240.945      | 167.248      | 159.458      | 158.631      | 158.148      | 158.148      | 158.424      | 159.114      |
| 22.5 | 597.503     | 392.889      | 201.787      | 159.527      | 157.045      | 156.632      | 156.701      | 157.735      | 158.286      | 158.976      |
| 25.0 | 600.605     | 365.244      | 176.624      | 155.735      | 154.701      | 154.839      | 155.804      | 157.183      | 158.286      | 159.114      |
| 27.5 | 605.500     | 338.151      | 162.974      | 152.978      | 152.082      | 153.185      | 154.770      | 156.839      | 158.700      | 159.389      |
| 30.0 | 610.257     | 312.436      | 155.115      | 149.738      | 149.324      | 150.841      | 153.323      | 156.356      | 158.700      | 159.251      |
| 32.5 | 615.703     | 286.584      | 149.876      | 146.429      | 146.084      | 148.014      | 151.392      | 155.735      | 158.217      | 159.045      |
| 35.0 | 626.113     | 261.145      | 145.394      | 142.844      | 142.637      | 145.050      | 149.462      | 154.495      | 157.873      | 158.010      |
| 37.5 | 635.351     | 236.809      | 141.258      | 138.983      | 139.052      | 141.947      | 147.118      | 152.702      | 156.218      | 156.632      |
| 40.0 | 644.037     | 214.472      | 137.191      | 135.260      | 135.398      | 138.776      | 144.154      | 150.013      | 153.529      | 153.943      |
| 42.5 | 651.828     | 194.204      | 132.985      | 130.986      | 131.538      | 135.053      | 140.707      | 146.084      | 149.462      | 149.255      |
| 45.0 | 652.172     | 176.142      | 128.091      | 126.229      | 126.919      | 130.917      | 136.157      | 139.948      | 143.878      | 144.016      |
| 47.5 | 644.934     | 159.389      | 122.437      | 120.369      | 121.265      | 125.540      | 130.228      | 132.985      | 137.053      | 137.191      |
| 50.0 | 635.627     | 145.188      | 116.509      | 113.820      | 114.716      | 119.197      | 122.920      | 125.540      | 128.918      | 128.711      |
| 52.5 | 607.361     | 132.089      | 109.477      | 106.788      | 107.133      | 111.407      | 114.716      | 117.267      | 119.197      | 118.301      |
| 55.0 | 574.132     | 120.093      | 101.687      | 98.860       | 98.722       | 102.996      | 106.168      | 108.856      | 109.201      | 108.029      |
| 57.5 | 534.837     | 109.890      | 93.758       | 91.070       | 90.174       | 93.621       | 97.550       | 99.963       | 99.205       | 97.895       |
| 60.0 | 486.165     | 100.652      | 85.761       | 82.590       | 81.901       | 85.141       | 88.933       | 90.587       | 89.002       | 87.623       |
| 62.5 | 425.015     | 89.967       | 76.248       | 73.904       | 74.179       | 77.213       | 79.901       | 81.211       | 79.557       | 78.385       |
| 65.0 | 334.773     | 78.729       | 66.458       | 65.424       | 66.596       | 68.871       | 70.457       | 70.732       | 70.457       | 69.836       |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : DOS-35W32LED4K-T-LE4F-HS.IES**

**CANDELA TABULATION - (Cont.)**

|             |         |        |        |        |        |        |        |        |        |        |
|-------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>67.5</b> | 159.527 | 64.941 | 56.944 | 57.082 | 58.392 | 60.529 | 61.770 | 60.736 | 61.426 | 61.219 |
| <b>70.0</b> | 66.872  | 52.670 | 47.775 | 47.844 | 49.499 | 51.981 | 53.497 | 52.877 | 52.739 | 51.981 |
| <b>72.5</b> | 47.706  | 42.398 | 38.262 | 38.606 | 40.468 | 43.363 | 44.259 | 44.328 | 43.639 | 43.088 |
| <b>75.0</b> | 36.194  | 32.057 | 29.782 | 29.782 | 31.161 | 34.332 | 33.436 | 30.540 | 28.610 | 27.438 |
| <b>77.5</b> | 25.921  | 22.681 | 21.578 | 21.923 | 22.612 | 23.853 | 22.543 | 19.786 | 18.200 | 17.580 |
| <b>80.0</b> | 16.890  | 14.822 | 13.719 | 14.340 | 14.202 | 15.512 | 15.305 | 13.168 | 11.927 | 11.237 |
| <b>82.5</b> | 9.858   | 8.686  | 8.273  | 8.066  | 8.411  | 9.514  | 8.204  | 7.377  | 6.411  | 5.860  |
| <b>85.0</b> | 5.308   | 4.895  | 4.757  | 4.550  | 4.205  | 4.067  | 3.378  | 3.102  | 2.758  | 2.482  |
| <b>87.5</b> | 2.413   | 2.413  | 2.551  | 2.206  | 2.068  | 1.655  | 1.310  | 0.896  | 0.552  | 0.414  |
| <b>90.0</b> | 0.000   | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |

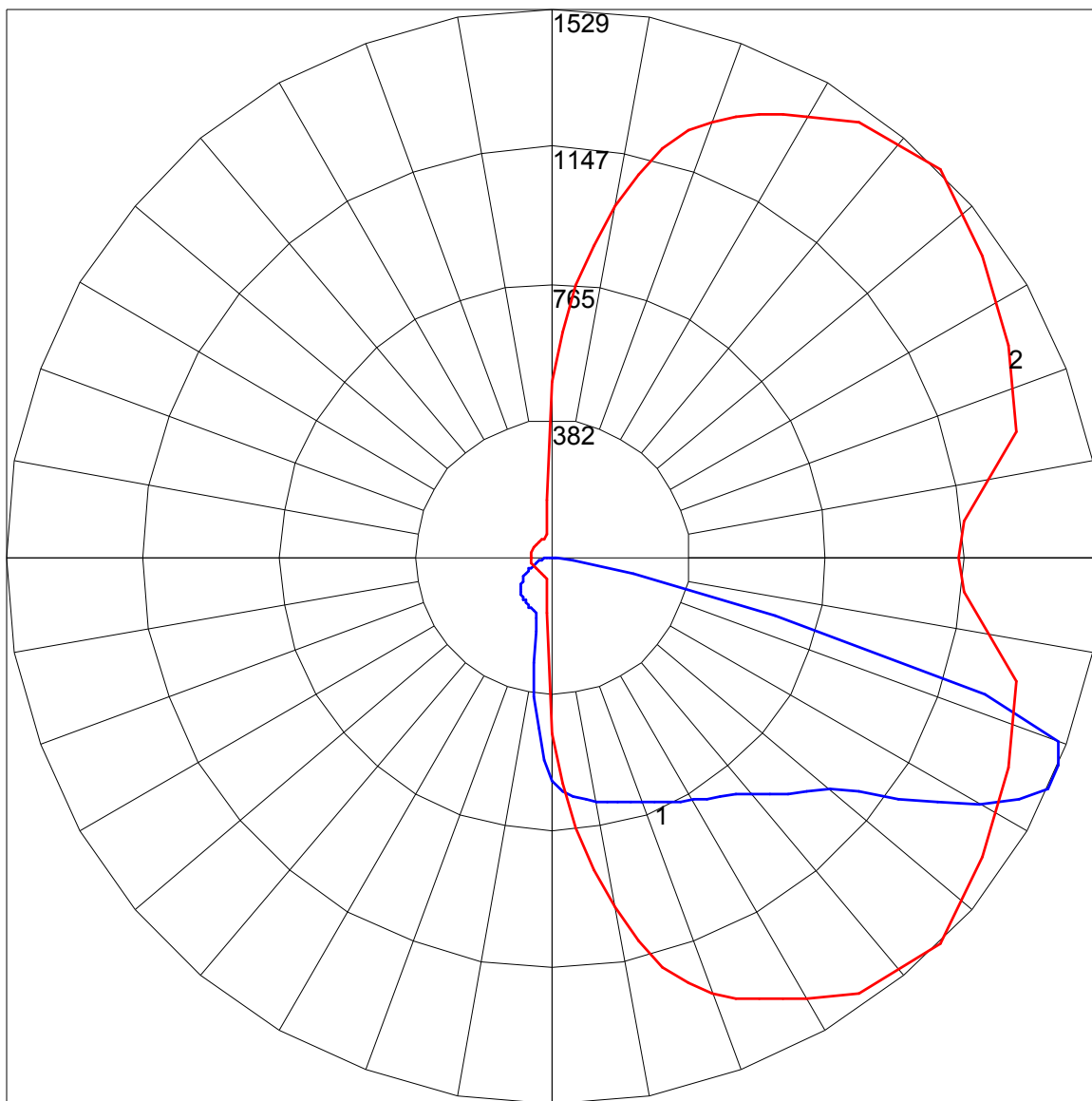
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

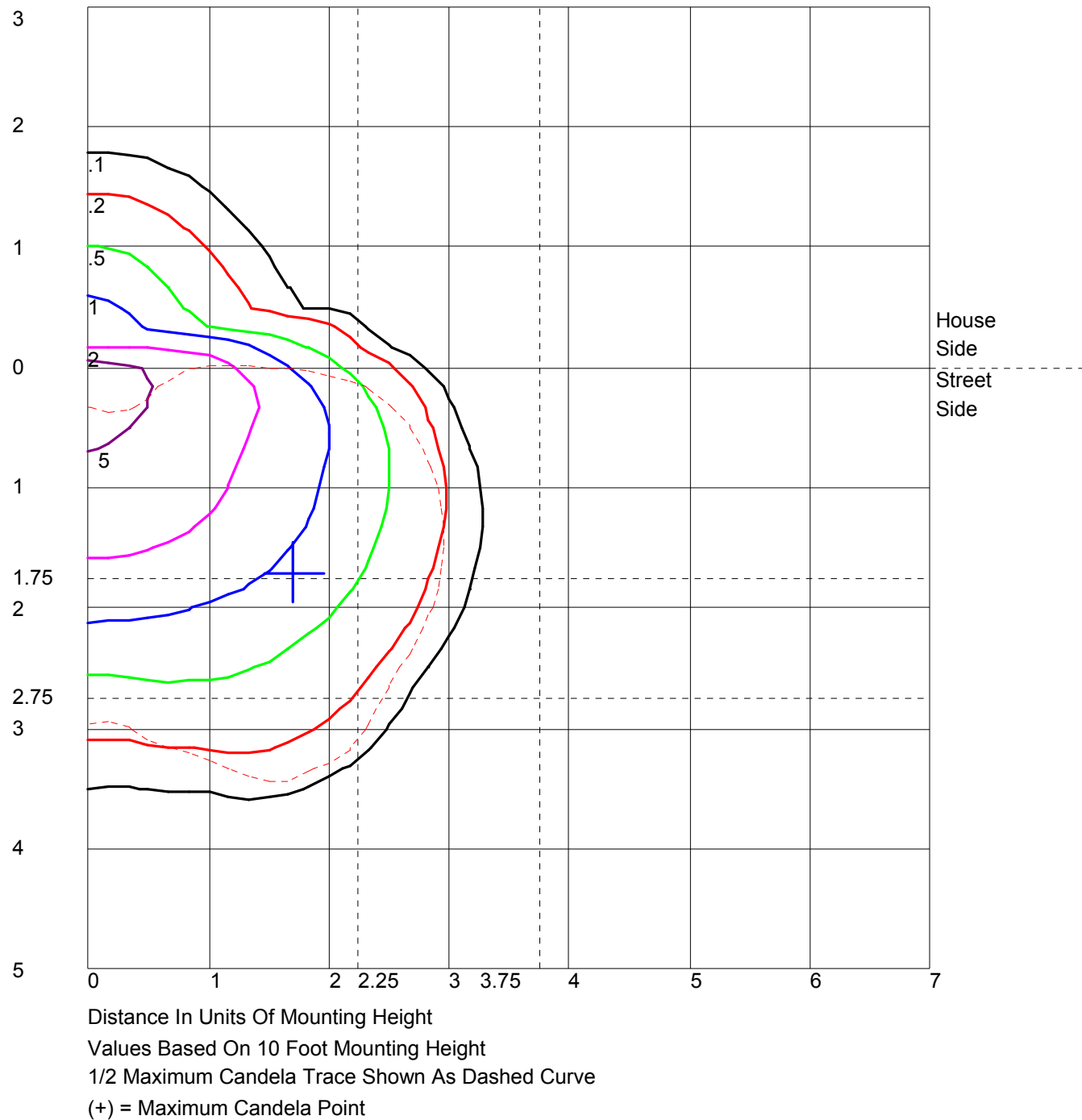
|                      | Lumens | Percent<br>Of Luminaire |
|----------------------|--------|-------------------------|
| Downward Street Side | 2388.5 | 85.5                    |
| Downward House Side  | 403.8  | 14.5                    |
| Downward Total       | 2792.3 | 100.0                   |
| Upward Street Side   | 0.0    | 0.0                     |
| Upward House Side    | 0.0    | 0.0                     |
| Upward Total         | 0.0    | 0.0                     |
| Total Flux           | 2792.3 | 100.0                   |

POLAR GRAPH



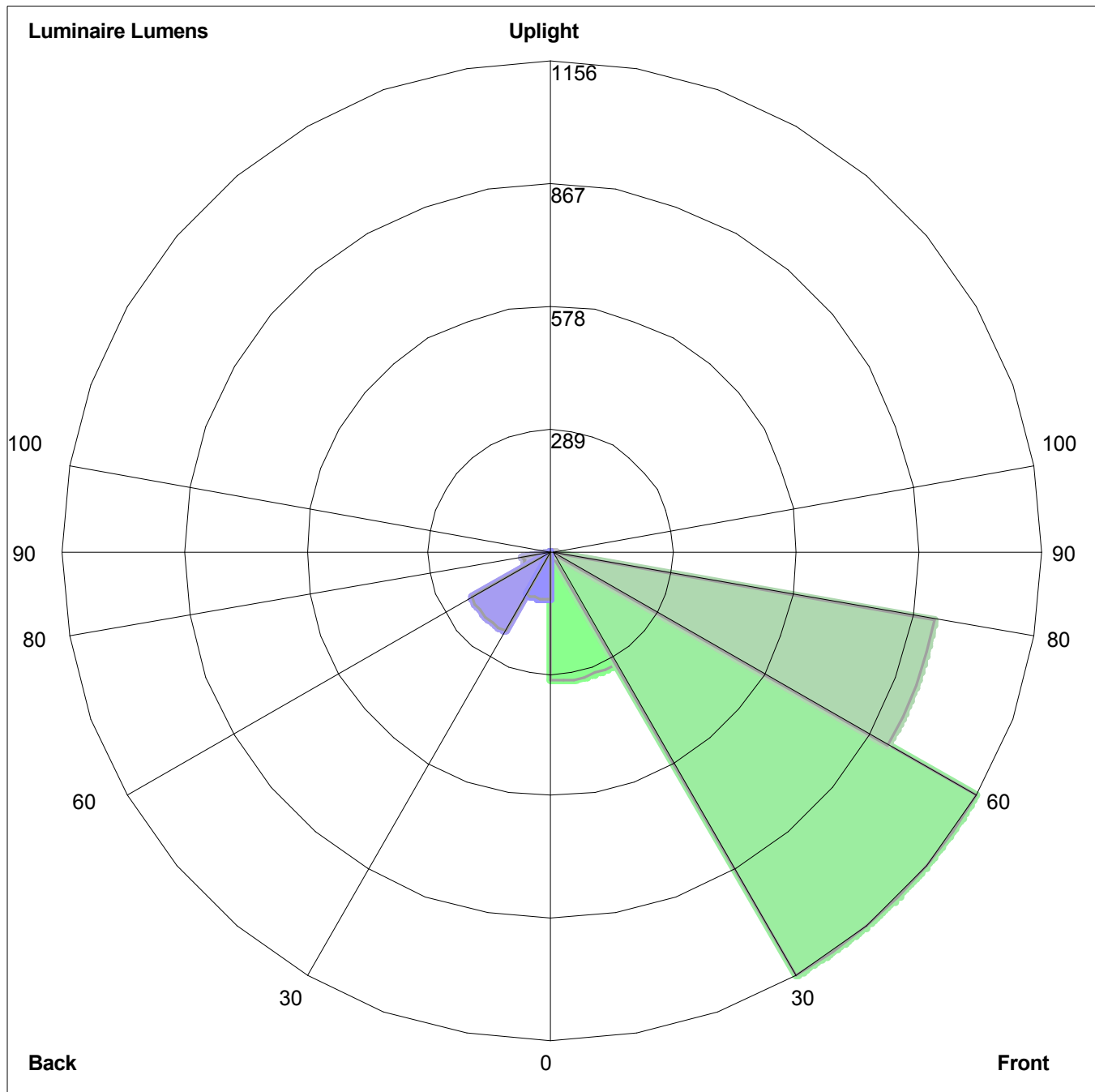
Maximum Candela = 1529.02 Located At Horizontal Angle = 45, Vertical Angle = 67.5  
# 1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (67.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE





LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=306.9, Medium=1156.3, High=917.7, Very High=7.5  
Back: Low=114.7, Medium=217.5, High=68.7, Very High=2.9  
Uplight: Low=0.0, High=0.0

BUG Rating : B1-U0-G1