



IES ROAD REPORT

PHOTOMETRIC FILENAME : ENM4-PT-5W-LED-25L-50-IL.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-11752
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUE DATE] 06/10/2020
[TEST DATE] 04/24/20
[MANUFACT] LSI INDUSTRIES, INC.
[LUMCAT] ENM4-PT-5W-LED-25L-50-IL
[ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
[OTHER] TEST PROCEDURE: IESNA LM-79-08
[SEARCH_SOURCETYPE] LED
[SEARCH_APPLICATION] Outdoor

CHARACTERISTICS

| | |
|-------------------------------------------------|-----------------------------|
| IES Classification | Type III |
| Longitudinal Classification | Short |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 16761 |
| Downward Total Efficiency | N.A. (absolute) |
| Total Luminaire Efficiency | N.A. (absolute) |
| Luminaire Efficacy Rating (LER) | 74 |
| Total Luminaire Watts | 227 |
| Ballast Factor | 1.00 |
| Upward Waste Light Ratio | 0.00 |
| Maximum Candela | 12061 |
| Maximum Candela Angle | 47.5H 67.5V |
| Maximum Candela (<90 Degrees Vertical) | 12061 |
| Maximum Candela Angle (<90 Degrees Vertical) | 47.5H 67.5V |
| Maximum Candela At 90 Degrees Vertical | 22 (0.1% Luminaire Lumens) |
| Maximum Candela from 80 to <90 Degrees Vertical | 540 (3.2% Luminaire Lumens) |
| Cutoff Classification (deprecated) | N.A. (absolute) |

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

| | Lumens | % Lamp | % Luminaire |
|-------------------------------|----------|--------|-------------|
| FL - Front-Low (0-30) | 937.2 | N.A. | 5.6 |
| FM - Front-Medium (30-60) | 7602.4 | N.A. | 45.4 |
| FH - Front-High (60-80) | 4893.6 | N.A. | 29.2 |
| FVH - Front-Very High (80-90) | 60.5 | N.A. | 0.4 |
| BL - Back-Low (0-30) | 532.3 | N.A. | 3.2 |
| BM - Back-Medium (30-60) | 1992.1 | N.A. | 11.9 |
| BH - Back-High (60-80) | 698.7 | N.A. | 4.2 |
| BVH - Back-Very High (80-90) | 11.5 | N.A. | 0.1 |
| UL - Uplight-Low (90-100) | 8.4 | N.A. | 0.1 |
| UH - Uplight-High (100-180) | 24.2 | N.A. | 0.1 |
| Total | 16760.9 | N.A. | 100.0 |
| BUG Rating | B2-U2-G2 | | |

IES ROAD REPORT
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CANDELA TABULATION

| Vert. Angles | Horizontal Angles | | | | | | | | | |
|-------------------------|--------------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | <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>47.5</u> | <u>55.0</u> | <u>65.0</u> | <u>75.0</u> |
| 0.0 | 977 | 977 | 977 | 977 | 977 | 977 | 977 | 977 | 977 | 977 |
| 2.5 | 998 | 1002 | 1010 | 1015 | 1007 | 1004 | 1005 | 1002 | 988 | 979 |
| 5.0 | 999 | 1018 | 1028 | 1027 | 1057 | 995 | 995 | 992 | 968 | 947 |
| 7.5 | 1047 | 1064 | 1099 | 1013 | 1031 | 1004 | 1008 | 1008 | 1048 | 1035 |
| 10.0 | 1155 | 1146 | 1193 | 1084 | 1124 | 1139 | 1169 | 1133 | 1097 | 1114 |
| 12.5 | 1324 | 1385 | 1293 | 1276 | 1332 | 1296 | 1314 | 1302 | 1251 | 1226 |
| 15.0 | 1500 | 1576 | 1516 | 1584 | 1613 | 1532 | 1545 | 1544 | 1461 | 1415 |
| 17.5 | 1690 | 1753 | 1713 | 1788 | 1847 | 1910 | 1900 | 1792 | 1723 | 1688 |
| 20.0 | 2050 | 2078 | 2037 | 2090 | 2172 | 2218 | 2205 | 2181 | 2028 | 1923 |
| 22.5 | 2337 | 2335 | 2403 | 2502 | 2524 | 2567 | 2632 | 2614 | 2394 | 2262 |
| 25.0 | 2670 | 2595 | 2740 | 2892 | 3032 | 3007 | 3031 | 3051 | 2813 | 2546 |
| 27.5 | 3074 | 3213 | 3350 | 3303 | 3496 | 3576 | 3579 | 3495 | 3232 | 2969 |
| 30.0 | 3638 | 3558 | 3647 | 3899 | 3912 | 4153 | 4199 | 4041 | 3750 | 3372 |
| 32.5 | 4348 | 4357 | 4255 | 4284 | 4575 | 4666 | 4652 | 4670 | 4330 | 3853 |
| 35.0 | 5005 | 4921 | 4822 | 4947 | 5040 | 5288 | 5155 | 5258 | 4832 | 4446 |
| 37.5 | 5598 | 5656 | 5453 | 5445 | 5650 | 5814 | 5695 | 5811 | 5393 | 4730 |
| 40.0 | 6082 | 6141 | 6036 | 6063 | 6185 | 6288 | 6253 | 6297 | 5885 | 5276 |
| 42.5 | 6455 | 6476 | 6408 | 6425 | 6611 | 6631 | 6639 | 6722 | 6267 | 5604 |
| 45.0 | 6767 | 6776 | 6709 | 6818 | 6992 | 7068 | 7101 | 7022 | 6587 | 5879 |
| 47.5 | 7019 | 7072 | 7072 | 7128 | 7308 | 7385 | 7361 | 7314 | 6883 | 6221 |
| 50.0 | 7252 | 7339 | 7393 | 7354 | 7549 | 7634 | 7620 | 7613 | 7210 | 6630 |
| 52.5 | 7501 | 7542 | 7655 | 7567 | 7807 | 7932 | 7959 | 7941 | 7582 | 6947 |
| 55.0 | 7731 | 7838 | 7978 | 7987 | 8156 | 8478 | 8531 | 8520 | 8096 | 7395 |
| 57.5 | 8090 | 8173 | 8390 | 8451 | 8829 | 9301 | 9341 | 9216 | 8443 | 7621 |
| 60.0 | 8063 | 8130 | 8519 | 8747 | 9336 | 10045 | 10028 | 9799 | 8613 | 7720 |
| 62.5 | 7216 | 7386 | 8043 | 8631 | 9711 | 10754 | 10704 | 10300 | 8689 | 7637 |
| 65.0 | 5679 | 5871 | 6735 | 7699 | 9691 | 11459 | 11343 | 10629 | 8539 | 7403 |
| 67.5 | 3101 | 3338 | 4332 | 5910 | 8553 | 11924 | 12061 | 11008 | 8480 | 6948 |
| 70.0 | 667 | 692 | 1157 | 2981 | 6146 | 10485 | 11039 | 10144 | 7066 | 5187 |
| 72.5 | 308 | 314 | 380 | 674 | 2343 | 6791 | 7505 | 7032 | 4610 | 3096 |
| 75.0 | 192 | 195 | 216 | 280 | 576 | 2347 | 3186 | 3388 | 2298 | 1403 |
| 77.5 | 99 | 102 | 111 | 144 | 242 | 493 | 626 | 1206 | 1098 | 660 |
| 80.0 | 71 | 71 | 74 | 84 | 118 | 181 | 206 | 342 | 540 | 374 |
| 82.5 | 62 | 63 | 66 | 72 | 86 | 104 | 110 | 152 | 281 | 297 |
| 85.0 | 48 | 49 | 52 | 60 | 72 | 86 | 90 | 108 | 155 | 241 |
| 87.5 | 34 | 34 | 37 | 40 | 49 | 59 | 61 | 73 | 109 | 137 |
| 90.0 | 17 | 17 | 17 | 16 | 16 | 16 | 14 | 9 | 13 | 22 |
| 92.5 | 3 | 3 | 3 | 4 | 5 | 6 | 6 | 6 | 5 | 6 |
| 95.0 | 2 | 2 | 2 | 2 | 3 | 5 | 5 | 5 | 5 | 5 |
| 97.5 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 5 |
| 100.0 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 |
| 102.5 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 |
| 105.0 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 |
| 107.5 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| 110.0 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 |
| 112.5 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 5 |
| 115.0 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| 117.5 | 5 | 6 | 5 | 4 | 4 | 4 | 5 | 4 | 5 | 5 |
| 120.0 | 7 | 6 | 6 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 122.5 | 7 | 7 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
| 125.0 | 8 | 8 | 7 | 6 | 6 | 6 | 6 | 5 | 6 | 7 |
| 127.5 | 8 | 9 | 8 | 7 | 6 | 6 | 6 | 6 | 6 | 7 |
| 130.0 | 9 | 9 | 8 | 7 | 6 | 6 | 6 | 6 | 6 | 7 |

IES ROAD REPORT
PHOTOMETRIC FILENAME : ENM4-PT-5W-LED-25L-50-IL-IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|
| 132.5 | 9 | 9 | 8 | 7 | 6 | 6 | 6 | 6 | 6 | 7 |
| 135.0 | 9 | 8 | 7 | 6 | 6 | 6 | 6 | 5 | 5 | 7 |
| 137.5 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 5 |
| 140.0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 |
| 142.5 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 |
| 145.0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 |
| 147.5 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 |
| 150.0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| 152.5 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| 155.0 | 0 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 3 |
| 157.5 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| 160.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| 162.5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| 165.0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 167.5 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 170.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 172.5 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 |
| 175.0 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 |
| 177.5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 180.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

| Vert. Angles | Horizontal Angles | | | | | | | | | |
|-----------------|-------------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | <u>85.0</u> | <u>90.0</u> | <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> |
| 0.0 | 977 | 977 | 977 | 977 | 977 | 977 | 977 | 977 | 977 | 977 |
| 2.5 | 974 | 973 | 976 | 972 | 964 | 955 | 959 | 961 | 956 | 941 |
| 5.0 | 943 | 937 | 917 | 913 | 919 | 914 | 889 | 893 | 879 | 865 |
| 7.5 | 981 | 989 | 966 | 964 | 918 | 862 | 817 | 825 | 794 | 809 |
| 10.0 | 1043 | 1015 | 998 | 1019 | 892 | 869 | 822 | 794 | 772 | 781 |
| 12.5 | 1154 | 1137 | 1108 | 1042 | 930 | 881 | 845 | 860 | 853 | 876 |
| 15.0 | 1279 | 1248 | 1196 | 1092 | 976 | 947 | 966 | 983 | 967 | 946 |
| 17.5 | 1486 | 1409 | 1344 | 1199 | 1067 | 1084 | 1109 | 1076 | 1029 | 1023 |
| 20.0 | 1717 | 1630 | 1549 | 1344 | 1224 | 1248 | 1226 | 1174 | 1142 | 1098 |
| 22.5 | 2057 | 1870 | 1766 | 1521 | 1433 | 1439 | 1364 | 1305 | 1206 | 1152 |
| 25.0 | 2300 | 2160 | 1996 | 1689 | 1736 | 1639 | 1534 | 1393 | 1294 | 1101 |
| 27.5 | 2616 | 2424 | 2276 | 1958 | 2034 | 1852 | 1679 | 1474 | 1203 | 914 |
| 30.0 | 3016 | 2750 | 2567 | 2301 | 2362 | 2165 | 1921 | 1394 | 920 | 635 |
| 32.5 | 3304 | 3099 | 2851 | 2685 | 2708 | 2490 | 1965 | 1059 | 598 | 431 |
| 35.0 | 3769 | 3431 | 3199 | 3089 | 3074 | 2813 | 1753 | 708 | 400 | 319 |
| 37.5 | 4166 | 3850 | 3600 | 3556 | 3460 | 2926 | 1270 | 465 | 303 | 264 |
| 40.0 | 4444 | 4155 | 3885 | 4023 | 3872 | 2672 | 812 | 338 | 251 | 226 |
| 42.5 | 4765 | 4440 | 4156 | 4401 | 4198 | 2089 | 504 | 276 | 216 | 193 |
| 45.0 | 5121 | 4794 | 4506 | 4804 | 4326 | 1343 | 360 | 230 | 185 | 162 |
| 47.5 | 5415 | 5112 | 4864 | 5239 | 4080 | 822 | 277 | 195 | 157 | 130 |
| 50.0 | 5824 | 5524 | 5290 | 5714 | 3415 | 541 | 220 | 163 | 127 | 98 |
| 52.5 | 6222 | 5989 | 5766 | 6227 | 2486 | 379 | 181 | 132 | 96 | 70 |
| 55.0 | 6610 | 6397 | 6370 | 6648 | 1585 | 268 | 150 | 98 | 70 | 47 |
| 57.5 | 6896 | 6544 | 6741 | 6621 | 1073 | 191 | 118 | 70 | 46 | 26 |
| 60.0 | 7010 | 6591 | 6846 | 5871 | 869 | 152 | 89 | 46 | 26 | 10 |
| 62.5 | 6863 | 6491 | 6820 | 4606 | 814 | 138 | 65 | 26 | 15 | 5 |
| 65.0 | 6564 | 6228 | 6566 | 3029 | 819 | 180 | 44 | 15 | 12 | 4 |
| 67.5 | 5969 | 5679 | 6036 | 1693 | 800 | 259 | 30 | 13 | 10 | 5 |
| 70.0 | 4332 | 4102 | 4321 | 832 | 615 | 336 | 31 | 12 | 12 | 7 |
| 72.5 | 2438 | 2264 | 2404 | 300 | 264 | 326 | 26 | 14 | 9 | 4 |
| 75.0 | 1063 | 965 | 1004 | 164 | 112 | 133 | 23 | 12 | 3 | 2 |
| 77.5 | 466 | 421 | 415 | 101 | 54 | 63 | 17 | 8 | 1 | 1 |

IES ROAD REPORT
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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|-----|-----|-----|----|----|----|----|----|---|---|
| 80.0 | 284 | 245 | 202 | 61 | 37 | 34 | 13 | 8 | 0 | 1 |
| 82.5 | 216 | 180 | 130 | 38 | 29 | 22 | 13 | 8 | 0 | 1 |
| 85.0 | 154 | 118 | 69 | 23 | 21 | 19 | 13 | 8 | 0 | 2 |
| 87.5 | 89 | 47 | 20 | 17 | 19 | 18 | 14 | 9 | 0 | 2 |
| 90.0 | 16 | 5 | 14 | 18 | 21 | 20 | 16 | 10 | 1 | 2 |
| 92.5 | 7 | 5 | 13 | 18 | 22 | 21 | 17 | 12 | 2 | 3 |
| 95.0 | 6 | 4 | 10 | 17 | 20 | 19 | 15 | 10 | 2 | 3 |
| 97.5 | 5 | 4 | 8 | 13 | 17 | 16 | 12 | 8 | 2 | 3 |
| 100.0 | 5 | 5 | 7 | 9 | 13 | 13 | 9 | 7 | 3 | 2 |
| 102.5 | 4 | 5 | 7 | 8 | 9 | 9 | 8 | 6 | 3 | 2 |
| 105.0 | 4 | 5 | 6 | 7 | 8 | 8 | 7 | 6 | 3 | 2 |
| 107.5 | 4 | 5 | 6 | 7 | 8 | 8 | 7 | 6 | 4 | 3 |
| 110.0 | 5 | 6 | 6 | 7 | 8 | 8 | 7 | 6 | 4 | 3 |
| 112.5 | 5 | 6 | 7 | 7 | 8 | 8 | 7 | 6 | 4 | 3 |
| 115.0 | 5 | 6 | 7 | 8 | 8 | 8 | 7 | 6 | 4 | 3 |
| 117.5 | 6 | 7 | 7 | 8 | 8 | 8 | 7 | 6 | 5 | 4 |
| 120.0 | 6 | 7 | 7 | 8 | 9 | 9 | 8 | 7 | 5 | 4 |
| 122.5 | 7 | 7 | 8 | 9 | 9 | 9 | 8 | 7 | 6 | 5 |
| 125.0 | 7 | 8 | 8 | 9 | 9 | 9 | 9 | 8 | 7 | 6 |
| 127.5 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 8 | 7 | 6 |
| 130.0 | 8 | 8 | 8 | 9 | 9 | 9 | 8 | 8 | 7 | 7 |
| 132.5 | 8 | 8 | 8 | 9 | 9 | 9 | 8 | 7 | 7 | 6 |
| 135.0 | 7 | 8 | 8 | 8 | 8 | 9 | 8 | 7 | 6 | 6 |
| 137.5 | 6 | 6 | 6 | 7 | 7 | 7 | 6 | 6 | 5 | 4 |
| 140.0 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 3 | 2 |
| 142.5 | 3 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 3 | 2 |
| 145.0 | 3 | 4 | 4 | 4 | 5 | 5 | 4 | 3 | 3 | 2 |
| 147.5 | 3 | 4 | 4 | 4 | 5 | 5 | 4 | 3 | 2 | 2 |
| 150.0 | 3 | 4 | 4 | 4 | 4 | 5 | 4 | 3 | 2 | 2 |
| 152.5 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 2 | 1 |
| 155.0 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 2 | 1 |
| 157.5 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 2 | 1 |
| 160.0 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 2 | 1 | 1 |
| 162.5 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 1 | 0 |
| 165.0 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 1 | 0 |
| 167.5 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 1 | 0 |
| 170.0 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 1 | 1 | 0 |
| 172.5 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 1 | 1 | 0 |
| 175.0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 |
| 177.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 0 |
| 180.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

Vert. Horizontal Angles
Angles

| | <u>175.0</u> | <u>180.0</u> |
|------|--------------|--------------|
| 0.0 | 977 | 977 |
| 2.5 | 933 | 930 |
| 5.0 | 843 | 841 |
| 7.5 | 790 | 782 |
| 10.0 | 796 | 759 |
| 12.5 | 887 | 867 |
| 15.0 | 970 | 929 |
| 17.5 | 1027 | 984 |
| 20.0 | 1097 | 1047 |
| 22.5 | 1090 | 1058 |
| 25.0 | 1004 | 981 |

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CANDELA TABULATION - (Cont.)

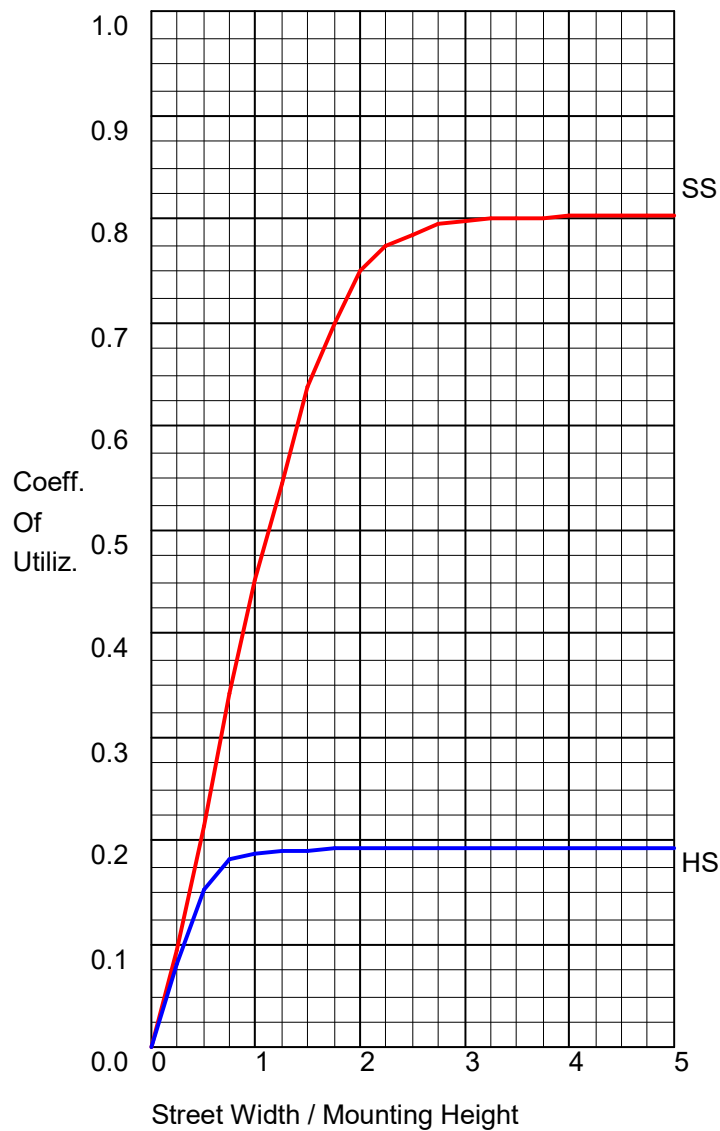
| | | |
|-------|-----|-----|
| 27.5 | 784 | 750 |
| 30.0 | 531 | 516 |
| 32.5 | 378 | 367 |
| 35.0 | 297 | 296 |
| 37.5 | 252 | 250 |
| 40.0 | 217 | 218 |
| 42.5 | 184 | 185 |
| 45.0 | 152 | 150 |
| 47.5 | 118 | 118 |
| 50.0 | 88 | 87 |
| 52.5 | 61 | 60 |
| 55.0 | 38 | 37 |
| 57.5 | 18 | 18 |
| 60.0 | 5 | 5 |
| 62.5 | 2 | 1 |
| 65.0 | 1 | 0 |
| 67.5 | 3 | 2 |
| 70.0 | 4 | 4 |
| 72.5 | 0 | 0 |
| 75.0 | 0 | 0 |
| 77.5 | 0 | 0 |
| 80.0 | 0 | 0 |
| 82.5 | 0 | 0 |
| 85.0 | 0 | 0 |
| 87.5 | 0 | 0 |
| 90.0 | 0 | 0 |
| 92.5 | 0 | 0 |
| 95.0 | 1 | 0 |
| 97.5 | 1 | 0 |
| 100.0 | 1 | 1 |
| 102.5 | 1 | 1 |
| 105.0 | 1 | 1 |
| 107.5 | 2 | 1 |
| 110.0 | 2 | 2 |
| 112.5 | 2 | 2 |
| 115.0 | 3 | 3 |
| 117.5 | 3 | 3 |
| 120.0 | 4 | 4 |
| 122.5 | 4 | 4 |
| 125.0 | 5 | 5 |
| 127.5 | 6 | 6 |
| 130.0 | 6 | 6 |
| 132.5 | 6 | 6 |
| 135.0 | 5 | 5 |
| 137.5 | 3 | 3 |
| 140.0 | 2 | 1 |
| 142.5 | 1 | 1 |
| 145.0 | 1 | 0 |
| 147.5 | 1 | 0 |
| 150.0 | 1 | 1 |
| 152.5 | 1 | 0 |
| 155.0 | 0 | 0 |
| 157.5 | 0 | 0 |
| 160.0 | 0 | 0 |
| 162.5 | 0 | 0 |
| 165.0 | 0 | 0 |

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CANDELA TABULATION - (Cont.)

| | | |
|--------------|---|---|
| 167.5 | 0 | 0 |
| 170.0 | 0 | 0 |
| 172.5 | 0 | 0 |
| 175.0 | 0 | 0 |
| 177.5 | 0 | 0 |
| 180.0 | 1 | 1 |

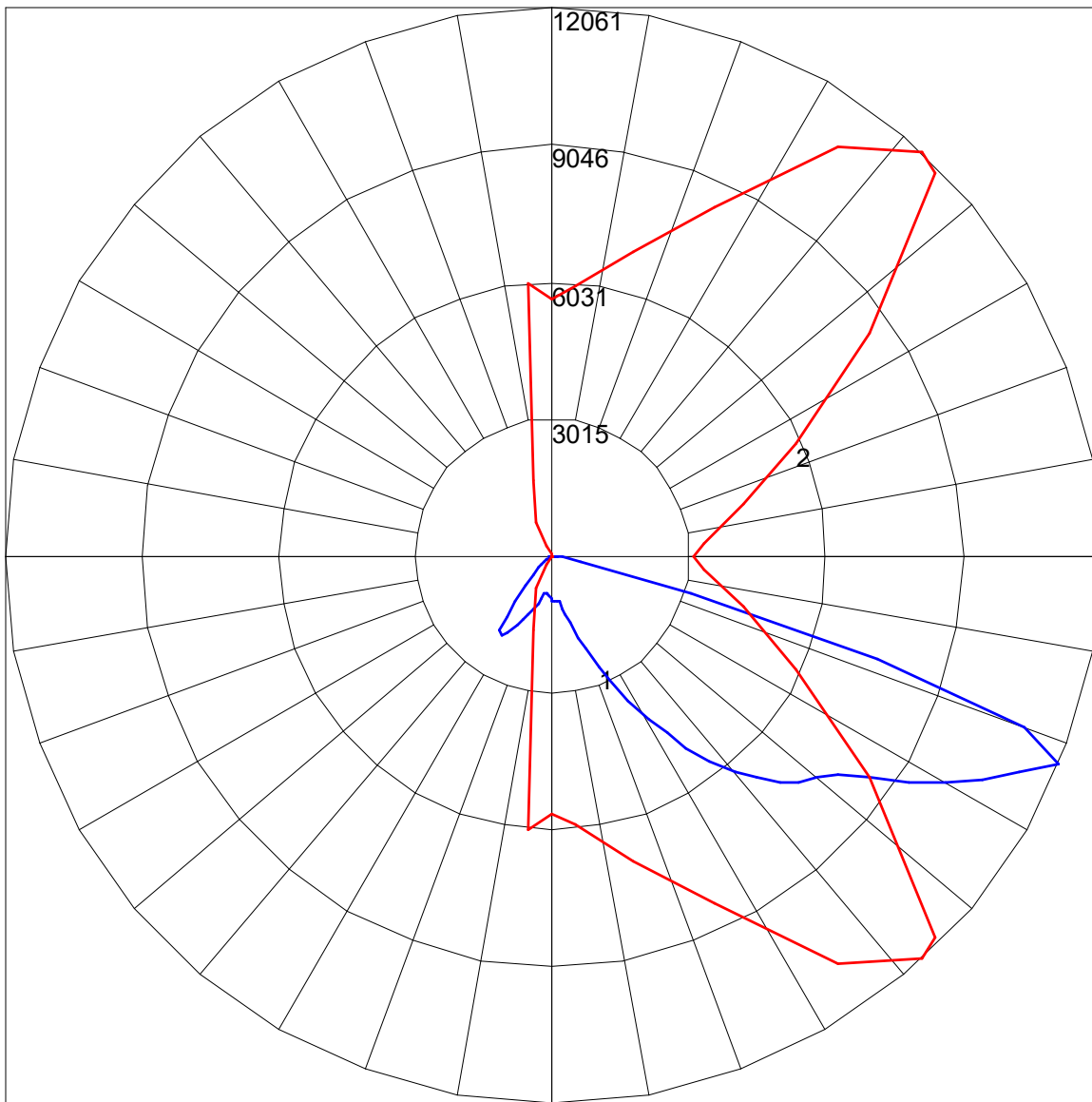
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

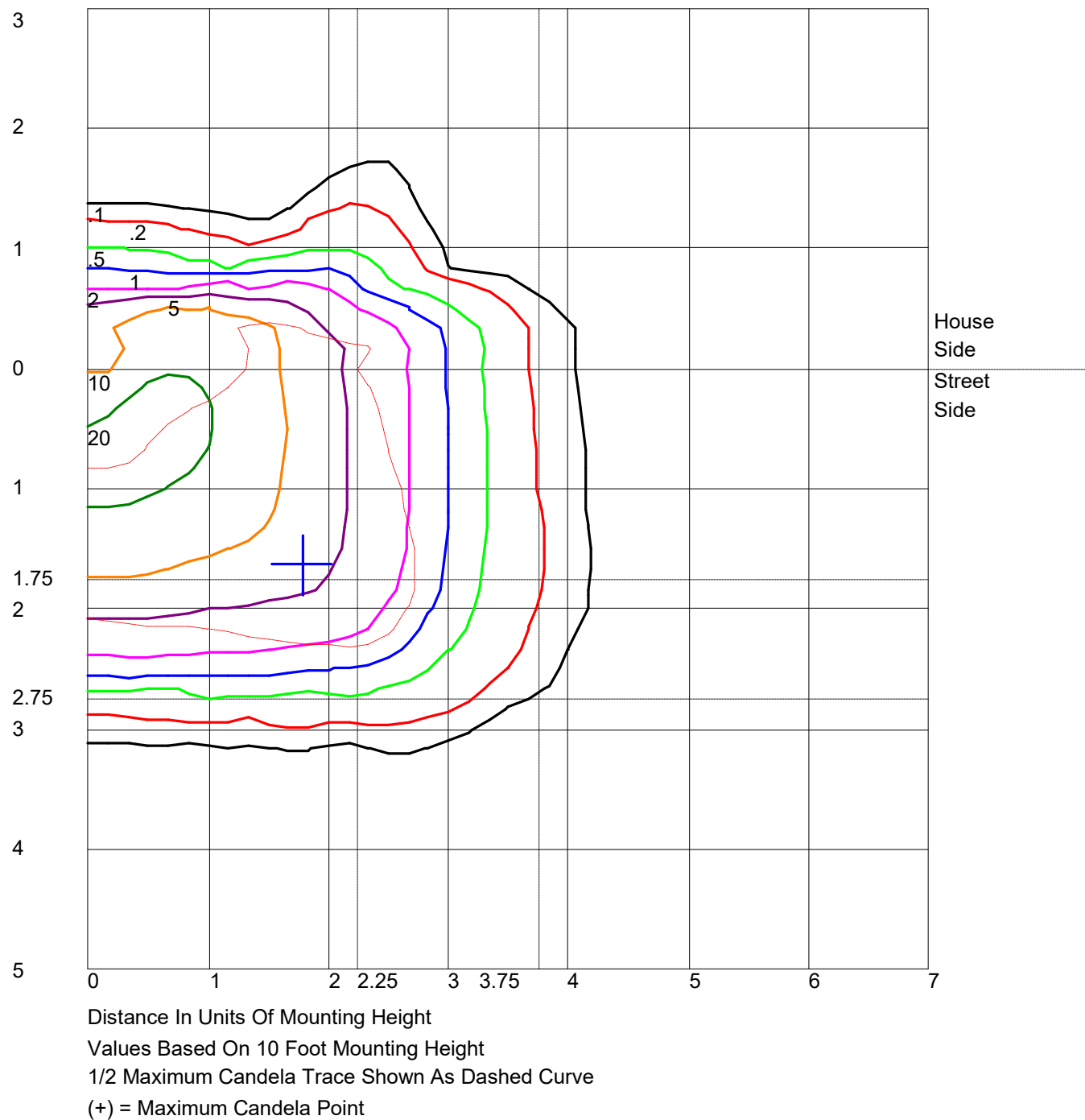
| | Lumens | Percent Of Luminaire |
|----------------------|---------|-------------------------|
| Downward Street Side | 13493.7 | 80.5 |
| Downward House Side | 3234.6 | 19.3 |
| Downward Total | 16728.3 | 99.8 |
| Upward Street Side | 13.0 | 0.1 |
| Upward House Side | 19.6 | 0.1 |
| Upward Total | 32.6 | 0.2 |
| Total Flux | 16760.9 | 100.0 |

POLAR GRAPH

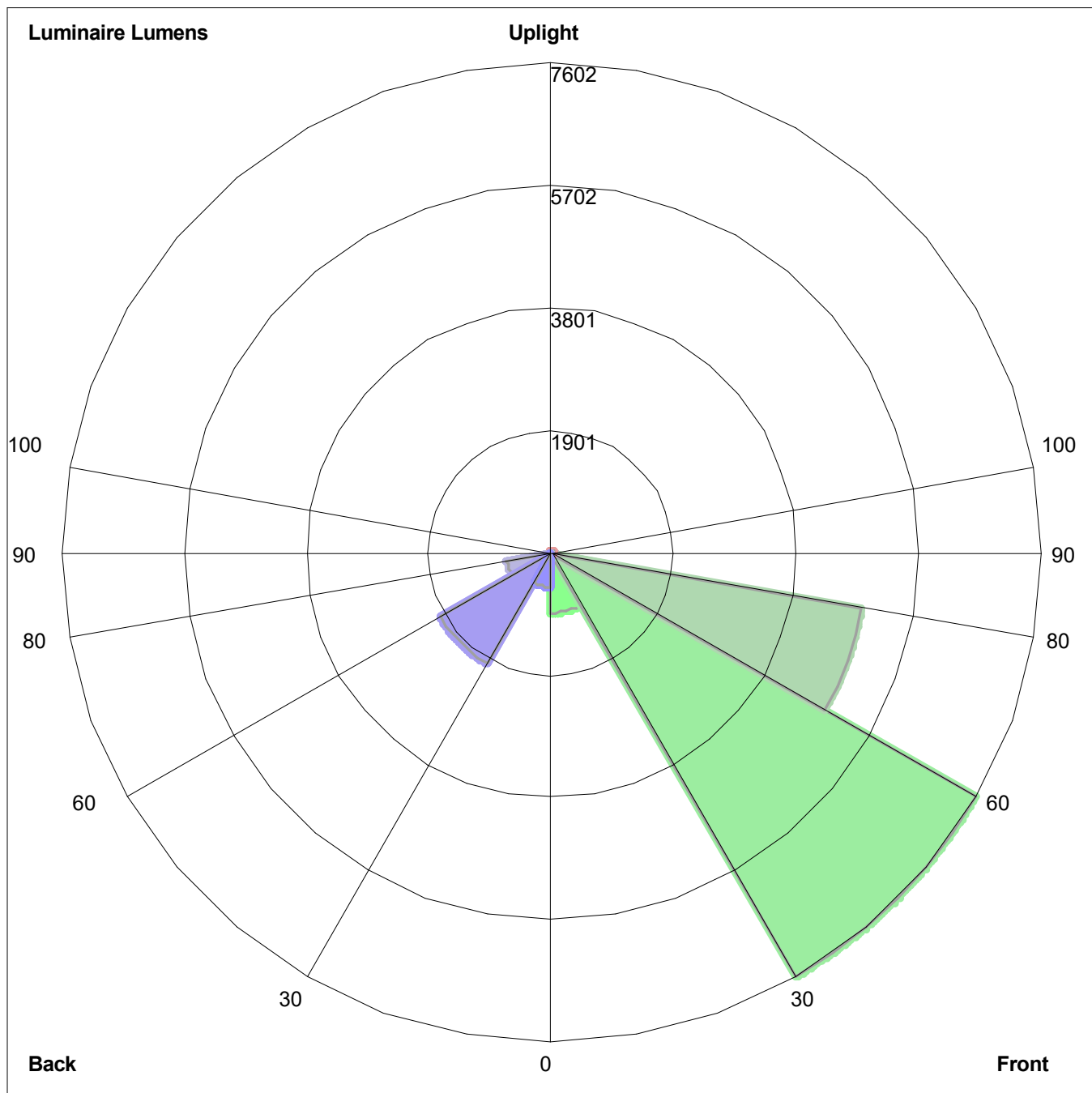


Maximum Candela = 12061 Located At Horizontal Angle = 47.5, Vertical Angle = 67.5
1 - Vertical Plane Through Horizontal Angles (47.5 - 227.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (67.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=937.2, Medium=7602.4, High=4893.6, Very High=60.5
Back: Low=532.3, Medium=1992.1, High=698.7, Very High=11.5
Uplight: Low=8.4, High=24.2

BUG Rating : B2-U2-G2