



IES ROAD REPORT

PHOTOMETRIC FILENAME : LXM4-PT-3-LED-10L-50.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-11677
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUE DATE] 06/10/20
[TEST DATE] 04/02/20
[MANUFACTURER] LSI INDUSTRIES, INC.
[LUMCAT] LXM4-PT-3-LED-10L-50
[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 | 10853 |
| Downward Total Efficiency | N.A. (absolute) |
| Total Luminaire Efficiency | N.A. (absolute) |
| Luminaire Efficacy Rating (LER) | 140 |
| Total Luminaire Watts | 77.3 |
| Ballast Factor | 1.00 |
| Upward Waste Light Ratio | 0.00 |
| Maximum Candela | 10654 |
| Maximum Candela Angle | 57.5H 67.5V |
| Maximum Candela (<90 Degrees Vertical) | 10654 |
| Maximum Candela Angle (<90 Degrees Vertical) | 57.5H 67.5V |
| Maximum Candela At 90 Degrees Vertical | 48 (0.4% Luminaire Lumens) |
| Maximum Candela from 80 to <90 Degrees Vertical | 916 (8.4% Luminaire Lumens) |
| Cutoff Classification (deprecated) | N.A. (absolute) |

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

| | Lumens | % Lamp | % Luminaire |
|-------------------------------|----------|--------|-------------|
| FL - Front-Low (0-30) | 316.3 | N.A. | 2.9 |
| FM - Front-Medium (30-60) | 4447.7 | N.A. | 41.0 |
| FH - Front-High (60-80) | 3753.8 | N.A. | 34.6 |
| FVH - Front-Very High (80-90) | 91.9 | N.A. | 0.8 |
| BL - Back-Low (0-30) | 315.3 | N.A. | 2.9 |
| BM - Back-Medium (30-60) | 1247.8 | N.A. | 11.5 |
| BH - Back-High (60-80) | 594.0 | N.A. | 5.5 |
| BVH - Back-Very High (80-90) | 57.2 | N.A. | 0.5 |
| UL - Uplight-Low (90-100) | 9.8 | N.A. | 0.1 |
| UH - Uplight-High (100-180) | 19.1 | N.A. | 0.2 |
| Total | 10852.9 | 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>55.0</u> | <u>57.5</u> | <u>65.0</u> | <u>75.0</u> |
| 0.0 | 537 | 537 | 537 | 537 | 537 | 537 | 537 | 537 | 537 | 537 |
| 2.5 | 522 | 524 | 521 | 516 | 519 | 521 | 530 | 531 | 532 | 529 |
| 5.0 | 466 | 469 | 479 | 488 | 500 | 486 | 486 | 485 | 485 | 490 |
| 7.5 | 445 | 452 | 467 | 456 | 453 | 453 | 468 | 480 | 503 | 500 |
| 10.0 | 448 | 446 | 446 | 441 | 451 | 479 | 490 | 493 | 496 | 505 |
| 12.5 | 464 | 465 | 465 | 450 | 470 | 485 | 500 | 502 | 513 | 527 |
| 15.0 | 489 | 490 | 491 | 499 | 513 | 509 | 529 | 536 | 547 | 558 |
| 17.5 | 528 | 527 | 520 | 531 | 543 | 563 | 558 | 569 | 578 | 599 |
| 20.0 | 616 | 610 | 597 | 593 | 605 | 617 | 633 | 635 | 635 | 646 |
| 22.5 | 690 | 701 | 706 | 721 | 713 | 718 | 745 | 740 | 715 | 722 |
| 25.0 | 848 | 828 | 851 | 877 | 886 | 880 | 913 | 900 | 869 | 834 |
| 27.5 | 1115 | 1126 | 1128 | 1103 | 1107 | 1155 | 1134 | 1104 | 1108 | 1025 |
| 30.0 | 1459 | 1424 | 1397 | 1437 | 1404 | 1467 | 1436 | 1410 | 1368 | 1226 |
| 32.5 | 1879 | 1871 | 1747 | 1732 | 1791 | 1821 | 1800 | 1777 | 1690 | 1512 |
| 35.0 | 2195 | 2203 | 2136 | 2108 | 2143 | 2237 | 2171 | 2145 | 2003 | 1755 |
| 37.5 | 2609 | 2586 | 2514 | 2507 | 2545 | 2618 | 2532 | 2513 | 2290 | 1972 |
| 40.0 | 2968 | 2960 | 2937 | 2955 | 2960 | 2990 | 2859 | 2829 | 2539 | 2173 |
| 42.5 | 3359 | 3353 | 3353 | 3362 | 3378 | 3340 | 3203 | 3118 | 2781 | 2313 |
| 45.0 | 3876 | 3898 | 3891 | 3892 | 3838 | 3768 | 3490 | 3402 | 2989 | 2442 |
| 47.5 | 4643 | 4615 | 4615 | 4614 | 4400 | 4190 | 3784 | 3700 | 3196 | 2588 |
| 50.0 | 5514 | 5480 | 5524 | 5486 | 5144 | 4674 | 4131 | 3999 | 3455 | 2772 |
| 52.5 | 6411 | 6374 | 6446 | 6411 | 6051 | 5302 | 4554 | 4366 | 3775 | 3014 |
| 55.0 | 7080 | 7101 | 7256 | 7288 | 6996 | 6068 | 5102 | 4907 | 4229 | 3381 |
| 57.5 | 7189 | 7228 | 7595 | 7964 | 8062 | 7014 | 5892 | 5670 | 4875 | 4032 |
| 60.0 | 6402 | 6488 | 7214 | 7877 | 8711 | 8138 | 6999 | 6770 | 5863 | 4868 |
| 62.5 | 4246 | 4364 | 5229 | 6591 | 8406 | 9043 | 8471 | 8224 | 7123 | 5782 |
| 65.0 | 2165 | 2224 | 2658 | 4083 | 7144 | 9145 | 9937 | 9785 | 8273 | 6397 |
| 67.5 | 1018 | 1011 | 1225 | 2036 | 4530 | 8058 | 10534 | 10654 | 8924 | 6353 |
| 70.0 | 544 | 572 | 705 | 1084 | 2316 | 5878 | 9561 | 9862 | 8552 | 5011 |
| 72.5 | 309 | 330 | 436 | 710 | 1346 | 3028 | 6744 | 7369 | 6039 | 2935 |
| 75.0 | 218 | 226 | 294 | 500 | 911 | 1607 | 3494 | 3957 | 3216 | 1219 |
| 77.5 | 161 | 167 | 228 | 417 | 681 | 944 | 1719 | 1937 | 1373 | 502 |
| 80.0 | 117 | 123 | 175 | 339 | 545 | 590 | 792 | 916 | 700 | 251 |
| 82.5 | 80 | 85 | 133 | 242 | 403 | 381 | 337 | 375 | 333 | 150 |
| 85.0 | 59 | 62 | 100 | 186 | 234 | 220 | 160 | 170 | 162 | 93 |
| 87.5 | 50 | 52 | 73 | 134 | 143 | 83 | 55 | 57 | 62 | 47 |
| 90.0 | 26 | 30 | 39 | 45 | 48 | 21 | 15 | 15 | 13 | 12 |
| 92.5 | 8 | 8 | 12 | 10 | 6 | 6 | 7 | 7 | 7 | 6 |
| 95.0 | 4 | 4 | 4 | 3 | 3 | 4 | 6 | 6 | 6 | 5 |
| 97.5 | 4 | 4 | 3 | 3 | 3 | 4 | 5 | 5 | 5 | 5 |
| 100.0 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| 102.5 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| 105.0 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| 107.5 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| 110.0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| 112.5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| 115.0 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 4 |
| 117.5 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 4 |
| 120.0 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 |
| 122.5 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 |
| 125.0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 127.5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 130.0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

IES ROAD REPORT
PHOTOMETRIC FILENAME : LXM4-PT-3-LED-10L-50.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|
| 132.5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 135.0 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 |
| 137.5 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| 140.0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| 142.5 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 145.0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 147.5 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 150.0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| 152.5 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| 155.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| 157.5 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| 160.0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| 162.5 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 165.0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 167.5 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 170.0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 2 |
| 172.5 | 1 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| 175.0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 177.5 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| 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 | 537 | 537 | 537 | 537 | 537 | 537 | 537 | 537 | 537 | 537 |
| 2.5 | 535 | 541 | 542 | 541 | 544 | 549 | 556 | 562 | 554 | 545 |
| 5.0 | 495 | 496 | 499 | 521 | 535 | 544 | 560 | 564 | 565 | 553 |
| 7.5 | 512 | 513 | 524 | 555 | 547 | 537 | 527 | 548 | 541 | 560 |
| 10.0 | 511 | 515 | 526 | 552 | 541 | 563 | 562 | 565 | 565 | 583 |
| 12.5 | 541 | 547 | 567 | 572 | 570 | 570 | 589 | 632 | 634 | 666 |
| 15.0 | 569 | 577 | 584 | 585 | 578 | 620 | 650 | 696 | 711 | 702 |
| 17.5 | 604 | 600 | 610 | 619 | 610 | 685 | 735 | 750 | 749 | 752 |
| 20.0 | 651 | 647 | 652 | 625 | 650 | 731 | 756 | 791 | 806 | 803 |
| 22.5 | 723 | 706 | 711 | 684 | 729 | 786 | 820 | 827 | 823 | 841 |
| 25.0 | 831 | 802 | 789 | 723 | 824 | 855 | 837 | 849 | 861 | 879 |
| 27.5 | 964 | 904 | 886 | 804 | 893 | 902 | 875 | 889 | 911 | 928 |
| 30.0 | 1119 | 1041 | 987 | 874 | 936 | 976 | 929 | 929 | 945 | 965 |
| 32.5 | 1267 | 1172 | 1077 | 941 | 987 | 1041 | 1010 | 982 | 1012 | 1077 |
| 35.0 | 1455 | 1309 | 1175 | 1000 | 1006 | 1084 | 1067 | 1050 | 1106 | 1187 |
| 37.5 | 1596 | 1425 | 1241 | 1025 | 1016 | 1107 | 1094 | 1125 | 1181 | 1325 |
| 40.0 | 1701 | 1476 | 1257 | 1035 | 1015 | 1115 | 1103 | 1142 | 1286 | 1372 |
| 42.5 | 1774 | 1515 | 1258 | 999 | 977 | 1099 | 1085 | 1149 | 1402 | 1350 |
| 45.0 | 1859 | 1556 | 1263 | 964 | 930 | 1054 | 1060 | 1124 | 1532 | 1235 |
| 47.5 | 1955 | 1611 | 1277 | 930 | 885 | 1002 | 1028 | 1095 | 1564 | 1172 |
| 50.0 | 2085 | 1705 | 1321 | 912 | 843 | 957 | 993 | 1072 | 1549 | 1152 |
| 52.5 | 2284 | 1837 | 1398 | 908 | 802 | 918 | 953 | 1033 | 1476 | 1140 |
| 55.0 | 2525 | 2041 | 1540 | 920 | 769 | 874 | 909 | 980 | 1352 | 1127 |
| 57.5 | 2948 | 2343 | 1722 | 933 | 733 | 821 | 859 | 905 | 1177 | 1080 |
| 60.0 | 3581 | 2710 | 1773 | 907 | 687 | 753 | 799 | 809 | 969 | 1060 |
| 62.5 | 4280 | 2958 | 1641 | 812 | 634 | 674 | 721 | 715 | 773 | 1037 |
| 65.0 | 4537 | 2906 | 1282 | 685 | 578 | 602 | 628 | 642 | 615 | 1003 |
| 67.5 | 4024 | 2566 | 945 | 562 | 515 | 530 | 556 | 583 | 525 | 940 |
| 70.0 | 2695 | 1724 | 597 | 452 | 441 | 452 | 486 | 531 | 479 | 793 |
| 72.5 | 1255 | 779 | 350 | 353 | 358 | 376 | 410 | 469 | 422 | 589 |
| 75.0 | 466 | 333 | 223 | 275 | 299 | 319 | 341 | 372 | 293 | 377 |
| 77.5 | 220 | 162 | 162 | 225 | 252 | 271 | 251 | 232 | 194 | 259 |

IES ROAD REPORT
PHOTOMETRIC FILENAME : LXM4-PT-3-LED-10L-50.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 80.0 | 125 | 103 | 132 | 192 | 215 | 193 | 155 | 179 | 140 | 185 |
| 82.5 | 85 | 72 | 109 | 164 | 158 | 126 | 120 | 136 | 88 | 131 |
| 85.0 | 54 | 48 | 87 | 128 | 102 | 90 | 85 | 69 | 41 | 81 |
| 87.5 | 25 | 25 | 62 | 85 | 60 | 48 | 35 | 30 | 18 | 39 |
| 90.0 | 8 | 6 | 23 | 34 | 25 | 22 | 16 | 9 | 4 | 5 |
| 92.5 | 5 | 6 | 12 | 19 | 22 | 20 | 15 | 7 | 2 | 1 |
| 95.0 | 5 | 5 | 10 | 17 | 21 | 19 | 14 | 7 | 2 | 1 |
| 97.5 | 4 | 5 | 8 | 15 | 18 | 17 | 12 | 7 | 2 | 1 |
| 100.0 | 4 | 5 | 7 | 12 | 15 | 14 | 10 | 6 | 2 | 1 |
| 102.5 | 4 | 5 | 6 | 9 | 12 | 12 | 8 | 6 | 2 | 1 |
| 105.0 | 4 | 5 | 6 | 8 | 10 | 9 | 8 | 5 | 3 | 2 |
| 107.5 | 4 | 5 | 5 | 7 | 8 | 8 | 7 | 5 | 3 | 2 |
| 110.0 | 4 | 5 | 5 | 6 | 7 | 8 | 7 | 5 | 3 | 2 |
| 112.5 | 4 | 5 | 5 | 6 | 7 | 7 | 7 | 5 | 3 | 2 |
| 115.0 | 4 | 5 | 6 | 6 | 7 | 7 | 7 | 5 | 4 | 3 |
| 117.5 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 6 | 4 | 3 |
| 120.0 | 5 | 5 | 6 | 7 | 8 | 8 | 7 | 6 | 4 | 3 |
| 122.5 | 5 | 5 | 6 | 7 | 8 | 8 | 7 | 6 | 4 | 3 |
| 125.0 | 5 | 6 | 6 | 7 | 8 | 8 | 7 | 6 | 4 | 3 |
| 127.5 | 5 | 6 | 6 | 7 | 8 | 8 | 7 | 6 | 5 | 4 |
| 130.0 | 5 | 5 | 6 | 6 | 7 | 7 | 7 | 6 | 4 | 3 |
| 132.5 | 5 | 5 | 6 | 6 | 7 | 7 | 7 | 6 | 4 | 4 |
| 135.0 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 5 | 4 | 3 |
| 137.5 | 4 | 4 | 5 | 5 | 6 | 5 | 5 | 4 | 3 | 2 |
| 140.0 | 3 | 4 | 4 | 4 | 5 | 5 | 4 | 3 | 2 | 1 |
| 142.5 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 1 | 0 |
| 145.0 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 2 | 1 | 0 |
| 147.5 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 2 | 1 | 0 |
| 150.0 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 2 | 1 | 0 |
| 152.5 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 2 | 1 | 0 |
| 155.0 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 1 | 0 | 0 |
| 157.5 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 1 | 0 | 0 |
| 160.0 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 1 | 0 | 0 |
| 162.5 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 1 | 0 | 0 |
| 165.0 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 1 | 0 | 0 |
| 167.5 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 1 | 0 | 0 |
| 170.0 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 1 | 0 | 0 |
| 172.5 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 1 | 0 | 0 |
| 175.0 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 1 | 0 | 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 | 537 | 537 |
| 2.5 | 547 | 549 |
| 5.0 | 550 | 557 |
| 7.5 | 563 | 572 |
| 10.0 | 598 | 605 |
| 12.5 | 666 | 676 |
| 15.0 | 726 | 747 |
| 17.5 | 779 | 786 |
| 20.0 | 824 | 829 |
| 22.5 | 834 | 864 |
| 25.0 | 887 | 907 |

IES ROAD REPORT
PHOTOMETRIC FILENAME : LXM4-PT-3-LED-10L-50.IES

CANDELA TABULATION - (Cont.)

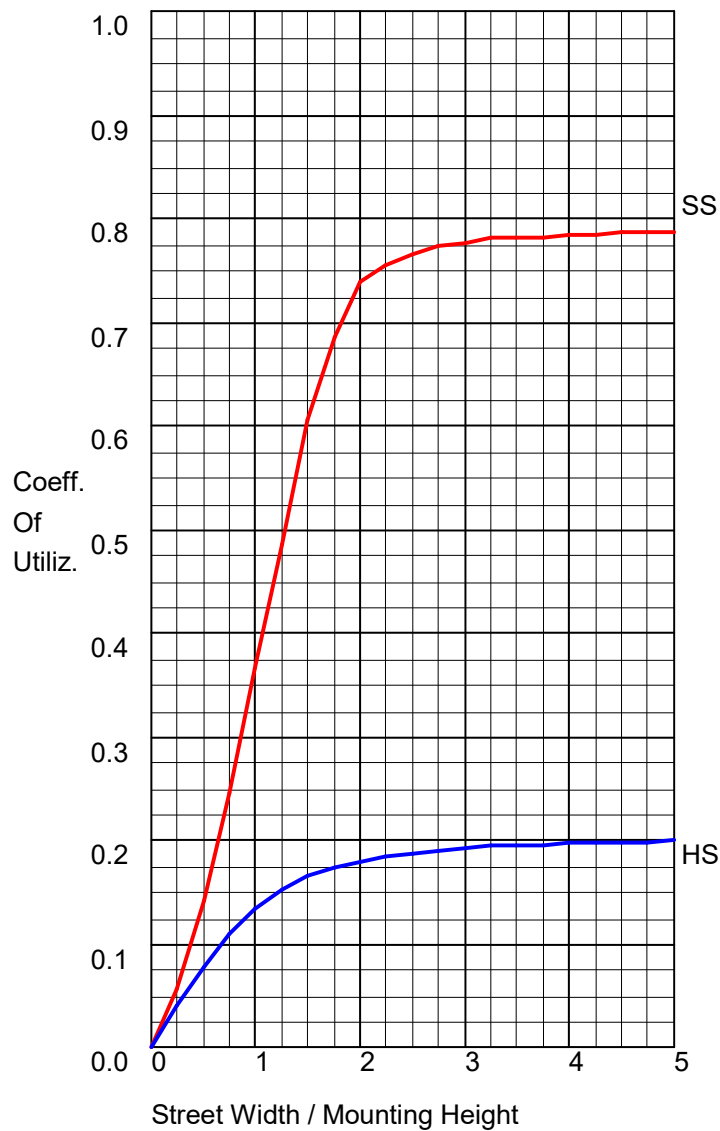
| | | |
|-------|------|------|
| 27.5 | 929 | 947 |
| 30.0 | 986 | 1012 |
| 32.5 | 1106 | 1119 |
| 35.0 | 1255 | 1265 |
| 37.5 | 1347 | 1343 |
| 40.0 | 1264 | 1244 |
| 42.5 | 1092 | 1067 |
| 45.0 | 994 | 968 |
| 47.5 | 936 | 911 |
| 50.0 | 895 | 861 |
| 52.5 | 854 | 814 |
| 55.0 | 790 | 743 |
| 57.5 | 728 | 666 |
| 60.0 | 710 | 620 |
| 62.5 | 718 | 589 |
| 65.0 | 770 | 605 |
| 67.5 | 862 | 682 |
| 70.0 | 929 | 818 |
| 72.5 | 873 | 874 |
| 75.0 | 722 | 847 |
| 77.5 | 606 | 729 |
| 80.0 | 458 | 542 |
| 82.5 | 317 | 366 |
| 85.0 | 223 | 247 |
| 87.5 | 146 | 191 |
| 90.0 | 9 | 2 |
| 92.5 | 0 | 0 |
| 95.0 | 0 | 0 |
| 97.5 | 0 | 0 |
| 100.0 | 0 | 0 |
| 102.5 | 0 | 0 |
| 105.0 | 0 | 0 |
| 107.5 | 1 | 0 |
| 110.0 | 1 | 1 |
| 112.5 | 1 | 1 |
| 115.0 | 1 | 1 |
| 117.5 | 2 | 1 |
| 120.0 | 2 | 2 |
| 122.5 | 2 | 2 |
| 125.0 | 2 | 2 |
| 127.5 | 2 | 2 |
| 130.0 | 2 | 2 |
| 132.5 | 2 | 2 |
| 135.0 | 2 | 2 |
| 137.5 | 0 | 0 |
| 140.0 | 0 | 0 |
| 142.5 | 0 | 0 |
| 145.0 | 0 | 0 |
| 147.5 | 0 | 0 |
| 150.0 | 0 | 0 |
| 152.5 | 0 | 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 |

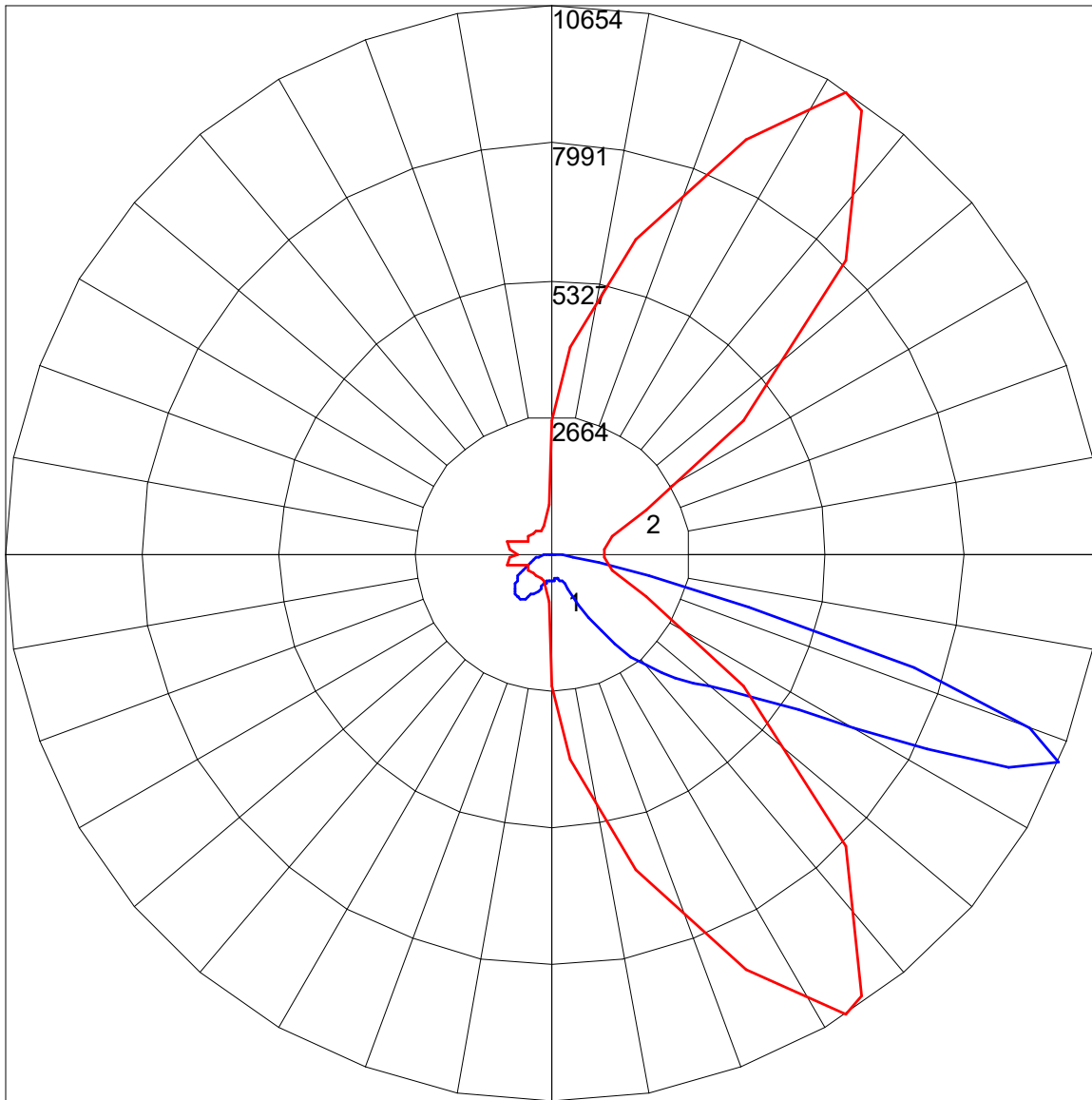
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

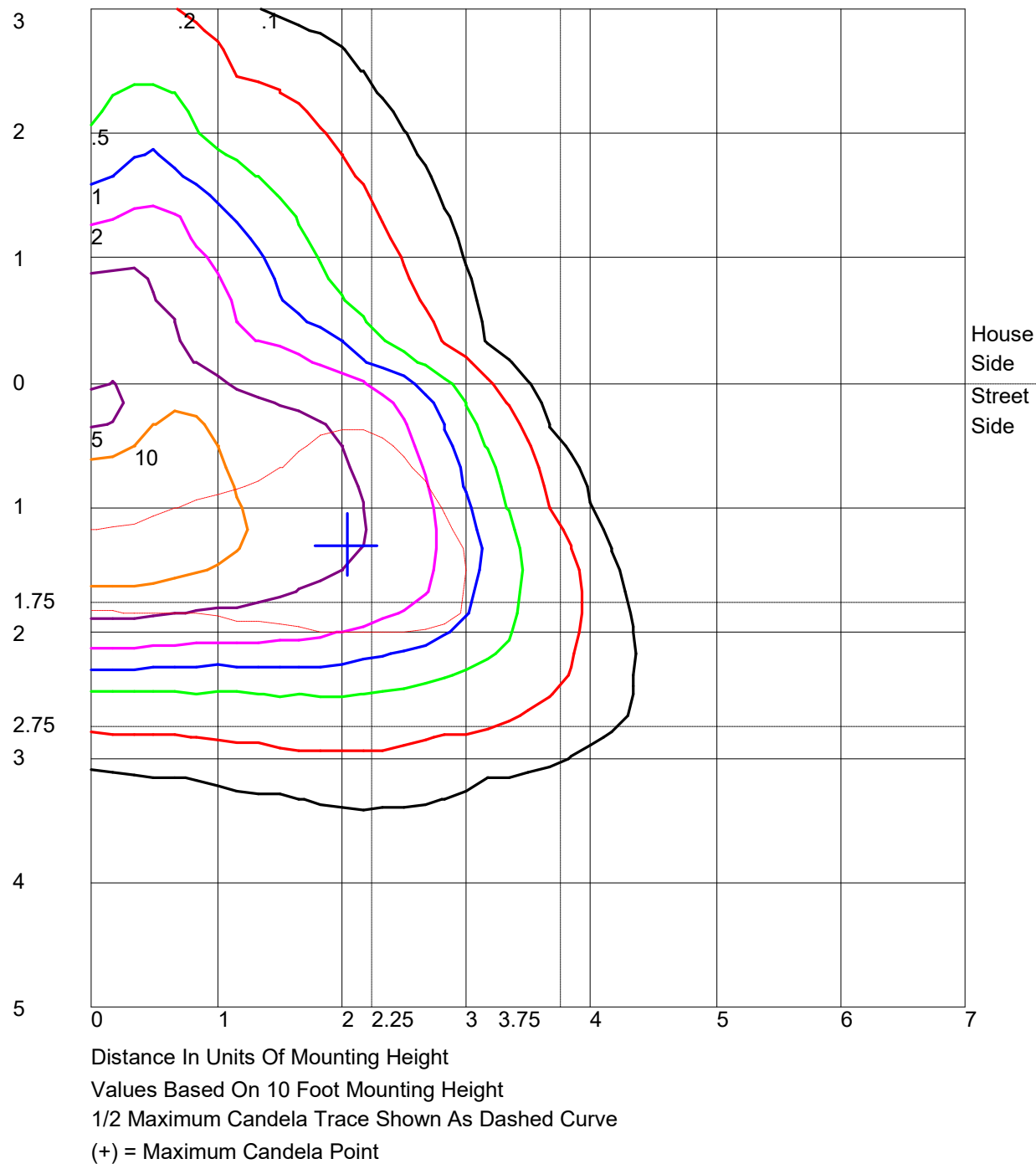
| | Lumens | Percent Of Luminaire |
|----------------------|---------|-------------------------|
| Downward Street Side | 8609.7 | 79.3 |
| Downward House Side | 2214.3 | 20.4 |
| Downward Total | 10824.0 | 99.7 |
| Upward Street Side | 11.9 | 0.1 |
| Upward House Side | 17.0 | 0.2 |
| Upward Total | 28.9 | 0.3 |
| Total Flux | 10852.9 | 100.0 |

POLAR GRAPH

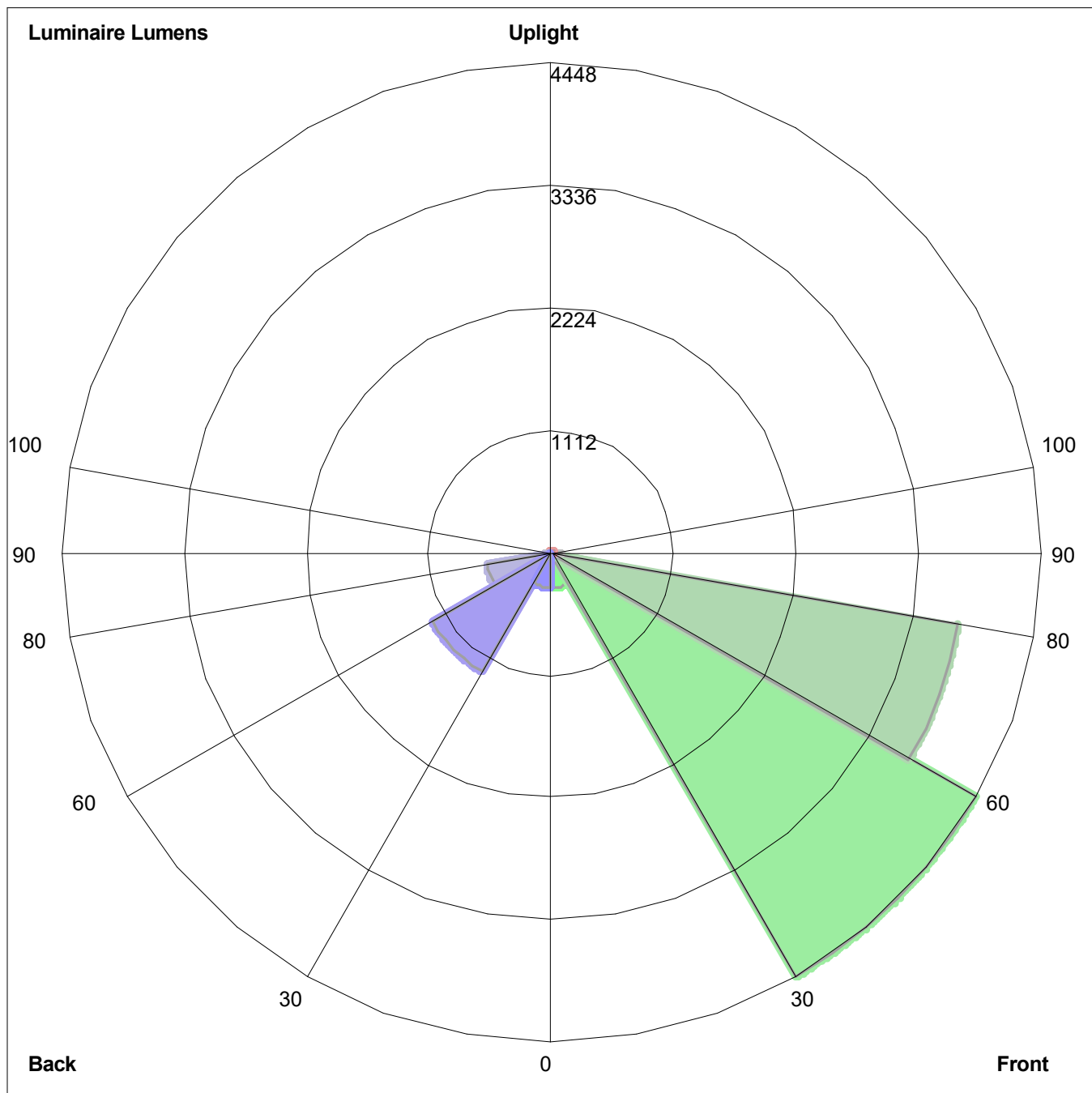


Maximum Candela = 10654 Located At Horizontal Angle = 57.5, Vertical Angle = 67.5
1 - Vertical Plane Through Horizontal Angles (57.5 - 237.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (67.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=316.3, Medium=4447.7, High=3753.8, Very High=91.9
Back: Low=315.3, Medium=1247.8, High=594.0, Very High=57.2
Uplight: Low=9.8, High=19.1

BUG Rating : B2-U2-G2