



IES ROAD REPORT

PHOTOMETRIC FILENAME : XCN4-PT-2-LED-18L-40.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-13253
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUE DATE] 06/07/22
[TEST DATE] 02/10/22
[MANUFACTURER] LSI INDUSTRIES, INC.
[LUMEN CATEGORY] XCN4-PT-2-LED-18L-40
[OTHER] TEST PROCEDURE: IESNA LM-79-19
[ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED
[OTHER] SCALED FROM ORIGINAL TEST DATA
[SEARCH_SOURCE TYPE] LED
[SEARCH_APPLICATION] Outdoor
[SEARCH_COLOR TEMP] 4000

CHARACTERISTICS

| | |
|---|------------------------------|
| IES Classification | Type II |
| Longitudinal Classification | Short |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 19226 |
| Downward Total Efficiency | N.A. (absolute) |
| Total Luminaire Efficiency | N.A. (absolute) |
| Luminaire Efficacy Rating (LER) | 129 |
| Total Luminaire Watts | 149 |
| Ballast Factor | 1.00 |
| Upward Waste Light Ratio | 0.00 |
| Maximum Candela | 15538 |
| Maximum Candela Angle | 77.5H 65V |
| Maximum Candela (<90 Degrees Vertical) | 15538 |
| Maximum Candela Angle (<90 Degrees Vertical) | 77.5H 65V |
| Maximum Candela At 90 Degrees Vertical | 31 (0.2% Luminaire Lumens) |
| Maximum Candela from 80 to <90 Degrees Vertical | 1016 (5.3% Luminaire Lumens) |
| Cutoff Classification (deprecated) | N.A. (absolute) |



IES ROAD REPORT
PHOTOMETRIC FILENAME : XCN4-PT-2-LED-18L-40.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

| | Lumens | % Lamp | % Luminaire |
|-------------------------------|----------|--------|-------------|
| FL - Front-Low (0-30) | 1103.4 | N.A. | 5.7 |
| FM - Front-Medium (30-60) | 7454.5 | N.A. | 38.8 |
| FH - Front-High (60-80) | 3813.6 | N.A. | 19.8 |
| FVH - Front-Very High (80-90) | 98.9 | N.A. | 0.5 |
| BL - Back-Low (0-30) | 969.0 | N.A. | 5.0 |
| BM - Back-Medium (30-60) | 4164.8 | N.A. | 21.7 |
| BH - Back-High (60-80) | 1458.8 | N.A. | 7.6 |
| BVH - Back-Very High (80-90) | 145.4 | N.A. | 0.8 |
| UL - Uplight-Low (90-100) | 8.5 | N.A. | 0.0 |
| UH - Uplight-High (100-180) | 9.5 | N.A. | 0.0 |
| Total | 19226.4 | N.A. | 100.0 |
| BUG Rating | B3-U1-G3 | | |

IES ROAD REPORT
PHOTOMETRIC FILENAME : XCN4-PT-2-LED-18L-40.IES

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>65.0</u> | <u>75.0</u> | <u>77.5</u> |
| 0.0 | 1682 | 1682 | 1682 | 1682 | 1682 | 1682 | 1682 | 1682 | 1682 | 1682 |
| 2.5 | 1801 | 1781 | 1765 | 1733 | 1704 | 1678 | 1662 | 1642 | 1645 | 1644 |
| 5.0 | 1714 | 1720 | 1697 | 1689 | 1738 | 1775 | 1762 | 1751 | 1663 | 1655 |
| 7.5 | 1738 | 1731 | 1710 | 1737 | 1677 | 1684 | 1682 | 1805 | 1732 | 1699 |
| 10.0 | 1832 | 1812 | 1855 | 1806 | 1782 | 1771 | 1747 | 1798 | 1910 | 1868 |
| 12.5 | 1915 | 1935 | 1934 | 1907 | 1901 | 1937 | 1866 | 1905 | 1978 | 2011 |
| 15.0 | 2094 | 2090 | 2127 | 2077 | 2024 | 2057 | 2097 | 2053 | 2171 | 2212 |
| 17.5 | 2278 | 2229 | 2268 | 2244 | 2286 | 2241 | 2284 | 2319 | 2356 | 2411 |
| 20.0 | 2534 | 2513 | 2442 | 2380 | 2453 | 2509 | 2517 | 2590 | 2633 | 2650 |
| 22.5 | 2676 | 2661 | 2657 | 2657 | 2591 | 2702 | 2766 | 2877 | 2876 | 2928 |
| 25.0 | 2972 | 2989 | 2941 | 2842 | 2874 | 2894 | 3081 | 3223 | 3272 | 3314 |
| 27.5 | 3225 | 3248 | 3226 | 3205 | 3086 | 3201 | 3325 | 3557 | 3705 | 3758 |
| 30.0 | 3616 | 3648 | 3574 | 3473 | 3477 | 3466 | 3570 | 3935 | 4156 | 4205 |
| 32.5 | 3903 | 3946 | 3971 | 3965 | 3797 | 3818 | 3891 | 4279 | 4580 | 4586 |
| 35.0 | 4356 | 4362 | 4379 | 4348 | 4233 | 4183 | 4234 | 4542 | 4938 | 4957 |
| 37.5 | 4905 | 4945 | 4916 | 4838 | 4680 | 4576 | 4535 | 4823 | 5361 | 5388 |
| 40.0 | 5556 | 5604 | 5600 | 5468 | 5279 | 5076 | 4945 | 5020 | 5778 | 5825 |
| 42.5 | 6226 | 6287 | 6306 | 6263 | 6021 | 5702 | 5414 | 5263 | 6175 | 6263 |
| 45.0 | 6747 | 6815 | 6899 | 7045 | 6848 | 6492 | 6002 | 5522 | 6572 | 6732 |
| 47.5 | 6932 | 7000 | 7184 | 7494 | 7555 | 7436 | 6871 | 5921 | 7036 | 7299 |
| 50.0 | 6722 | 6776 | 6999 | 7480 | 7939 | 8384 | 8058 | 6601 | 7680 | 8035 |
| 52.5 | 6108 | 6106 | 6378 | 6965 | 7782 | 8978 | 9400 | 7576 | 8595 | 9140 |
| 55.0 | 5103 | 5067 | 5329 | 5979 | 7036 | 8943 | 10761 | 8835 | 9702 | 10416 |
| 57.5 | 3583 | 3677 | 3908 | 4529 | 5704 | 8120 | 11603 | 10526 | 11032 | 11854 |
| 60.0 | 2290 | 2356 | 2497 | 2935 | 3943 | 6399 | 11756 | 12285 | 12431 | 13295 |
| 62.5 | 1550 | 1555 | 1604 | 1838 | 2401 | 4026 | 10931 | 13235 | 13934 | 14745 |
| 65.0 | 1139 | 1143 | 1174 | 1315 | 1539 | 2245 | 8711 | 13009 | 14737 | 15538 |
| 67.5 | 858 | 870 | 899 | 992 | 1165 | 1456 | 5706 | 11335 | 14206 | 14854 |
| 70.0 | 660 | 679 | 687 | 777 | 921 | 1074 | 3170 | 8317 | 11564 | 11470 |
| 72.5 | 477 | 503 | 494 | 588 | 731 | 849 | 1715 | 5173 | 6717 | 5974 |
| 75.0 | 284 | 301 | 279 | 369 | 524 | 679 | 1061 | 2963 | 3005 | 2415 |
| 77.5 | 203 | 231 | 191 | 225 | 304 | 490 | 697 | 1734 | 1486 | 1158 |
| 80.0 | 199 | 225 | 175 | 172 | 208 | 319 | 433 | 1016 | 837 | 664 |
| 82.5 | 239 | 242 | 169 | 130 | 154 | 227 | 239 | 582 | 521 | 429 |
| 85.0 | 232 | 234 | 140 | 93 | 103 | 146 | 152 | 203 | 266 | 235 |
| 87.5 | 117 | 112 | 68 | 39 | 34 | 54 | 62 | 69 | 78 | 81 |
| 90.0 | 5 | 6 | 4 | 3 | 3 | 5 | 13 | 25 | 30 | 31 |
| 92.5 | 3 | 3 | 3 | 3 | 2 | 4 | 11 | 24 | 30 | 30 |
| 95.0 | 3 | 3 | 3 | 3 | 2 | 3 | 10 | 22 | 28 | 28 |
| 97.5 | 3 | 2 | 2 | 3 | 2 | 3 | 8 | 19 | 25 | 25 |
| 100.0 | 3 | 2 | 2 | 3 | 2 | 2 | 5 | 14 | 19 | 20 |
| 102.5 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 8 | 13 | 13 |
| 105.0 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 3 | 6 | 7 |
| 107.5 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 2 | 2 |
| 110.0 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| 112.5 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| 115.0 | 3 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| 117.5 | 3 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| 120.0 | 3 | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| 122.5 | 3 | 3 | 3 | 3 | 1 | 1 | 0 | 0 | 0 | 0 |
| 125.0 | 4 | 4 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| 127.5 | 4 | 4 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| 130.0 | 5 | 5 | 4 | 3 | 2 | 1 | 1 | 0 | 0 | 0 |

IES ROAD REPORT
PHOTOMETRIC FILENAME : XCN4-PT-2-LED-18L-40.IES

CANDELA TABULATION - (Cont.)

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

| 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 | 1682 | 1682 | 1682 | 1682 | 1682 | 1682 | 1682 | 1682 | 1682 | 1682 |
| 2.5 | 1653 | 1651 | 1648 | 1634 | 1628 | 1613 | 1629 | 1652 | 1657 | 1666 |
| 5.0 | 1644 | 1587 | 1581 | 1599 | 1612 | 1601 | 1655 | 1584 | 1523 | 1496 |
| 7.5 | 1636 | 1634 | 1604 | 1603 | 1637 | 1514 | 1423 | 1398 | 1423 | 1389 |
| 10.0 | 1727 | 1664 | 1649 | 1729 | 1583 | 1467 | 1411 | 1398 | 1396 | 1434 |
| 12.5 | 1916 | 1807 | 1810 | 1794 | 1593 | 1481 | 1492 | 1456 | 1471 | 1511 |
| 15.0 | 2078 | 1963 | 1947 | 1901 | 1632 | 1590 | 1540 | 1565 | 1623 | 1708 |
| 17.5 | 2288 | 2188 | 2128 | 1979 | 1752 | 1663 | 1684 | 1797 | 1877 | 1992 |
| 20.0 | 2566 | 2442 | 2387 | 2105 | 1863 | 1789 | 1879 | 2043 | 2126 | 2295 |
| 22.5 | 2861 | 2759 | 2622 | 2216 | 1963 | 1959 | 2120 | 2297 | 2609 | 2799 |
| 25.0 | 3271 | 3070 | 2973 | 2395 | 2112 | 2168 | 2357 | 2720 | 2992 | 3297 |
| 27.5 | 3676 | 3450 | 3388 | 2598 | 2297 | 2393 | 2750 | 3087 | 3557 | 3833 |
| 30.0 | 4119 | 3850 | 3739 | 2777 | 2505 | 2657 | 3062 | 3555 | 3905 | 4221 |
| 32.5 | 4467 | 4152 | 3987 | 2952 | 2718 | 2910 | 3403 | 3833 | 4319 | 4585 |
| 35.0 | 4854 | 4479 | 4260 | 3098 | 2918 | 3218 | 3632 | 4092 | 4492 | 4676 |
| 37.5 | 5279 | 4836 | 4554 | 3261 | 3076 | 3356 | 3755 | 4182 | 4483 | 4609 |
| 40.0 | 5724 | 5214 | 4859 | 3440 | 3199 | 3463 | 3794 | 4159 | 4320 | 4368 |
| 42.5 | 6229 | 5621 | 5202 | 3602 | 3337 | 3526 | 3729 | 3978 | 4023 | 3972 |
| 45.0 | 6761 | 6088 | 5544 | 3783 | 3407 | 3497 | 3605 | 3697 | 3647 | 3518 |
| 47.5 | 7408 | 6607 | 5905 | 3956 | 3452 | 3427 | 3421 | 3385 | 3213 | 3090 |
| 50.0 | 8244 | 7266 | 6299 | 4112 | 3490 | 3313 | 3196 | 3067 | 2865 | 2747 |
| 52.5 | 9325 | 7970 | 6712 | 4262 | 3505 | 3147 | 2938 | 2828 | 2596 | 2494 |
| 55.0 | 10559 | 8746 | 7058 | 4370 | 3437 | 2926 | 2732 | 2626 | 2337 | 2233 |
| 57.5 | 11871 | 9482 | 7264 | 4386 | 3304 | 2663 | 2521 | 2410 | 2031 | 1929 |
| 60.0 | 13089 | 10002 | 7189 | 4216 | 3079 | 2349 | 2245 | 2121 | 1725 | 1645 |
| 62.5 | 13835 | 9982 | 6628 | 3768 | 2698 | 1984 | 1910 | 1797 | 1430 | 1344 |
| 65.0 | 13703 | 9100 | 5364 | 3044 | 2198 | 1579 | 1534 | 1462 | 1165 | 1077 |
| 67.5 | 11839 | 7102 | 3678 | 2169 | 1668 | 1231 | 1229 | 1167 | 954 | 933 |
| 70.0 | 8153 | 4441 | 2252 | 1461 | 1243 | 989 | 1014 | 946 | 847 | 858 |
| 72.5 | 3494 | 2159 | 1411 | 1025 | 954 | 818 | 858 | 822 | 776 | 788 |
| 75.0 | 1313 | 1023 | 935 | 765 | 764 | 703 | 741 | 735 | 682 | 635 |
| 77.5 | 702 | 622 | 654 | 621 | 615 | 614 | 647 | 564 | 438 | 359 |

IES ROAD REPORT
PHOTOMETRIC FILENAME : XCN4-PT-2-LED-18L-40.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 80.0 | 473 | 396 | 409 | 516 | 515 | 520 | 437 | 300 | 379 | 343 |
| 82.5 | 308 | 212 | 224 | 413 | 421 | 325 | 228 | 242 | 462 | 467 |
| 85.0 | 176 | 106 | 122 | 288 | 240 | 168 | 175 | 250 | 499 | 492 |
| 87.5 | 66 | 35 | 52 | 90 | 68 | 79 | 100 | 181 | 353 | 384 |
| 90.0 | 26 | 4 | 18 | 14 | 8 | 4 | 2 | 2 | 1 | 1 |
| 92.5 | 26 | 4 | 19 | 14 | 9 | 4 | 2 | 2 | 1 | 1 |
| 95.0 | 26 | 3 | 20 | 15 | 9 | 4 | 3 | 2 | 1 | 1 |
| 97.5 | 24 | 3 | 19 | 14 | 9 | 4 | 3 | 2 | 1 | 1 |
| 100.0 | 19 | 3 | 15 | 12 | 8 | 4 | 2 | 1 | 1 | 1 |
| 102.5 | 13 | 2 | 12 | 9 | 6 | 4 | 2 | 1 | 1 | 1 |
| 105.0 | 7 | 1 | 7 | 6 | 5 | 3 | 2 | 1 | 1 | 1 |
| 107.5 | 3 | 1 | 4 | 4 | 4 | 3 | 2 | 1 | 1 | 1 |
| 110.0 | 1 | 0 | 2 | 3 | 3 | 3 | 2 | 1 | 1 | 1 |
| 112.5 | 0 | 0 | 2 | 3 | 3 | 2 | 2 | 1 | 1 | 1 |
| 115.0 | 0 | 0 | 1 | 2 | 3 | 3 | 2 | 2 | 1 | 1 |
| 117.5 | 0 | 0 | 1 | 2 | 3 | 3 | 2 | 2 | 1 | 1 |
| 120.0 | 0 | 0 | 1 | 2 | 3 | 3 | 3 | 2 | 2 | 2 |
| 122.5 | 0 | 0 | 1 | 2 | 3 | 3 | 3 | 2 | 2 | 2 |
| 125.0 | 0 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 2 | 2 |
| 127.5 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| 130.0 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 132.5 | 0 | 1 | 2 | 3 | 4 | 4 | 4 | 3 | 3 | 3 |
| 135.0 | 0 | 1 | 2 | 3 | 4 | 4 | 4 | 4 | 3 | 3 |
| 137.5 | 0 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 4 | 3 |
| 140.0 | 0 | 1 | 1 | 2 | 4 | 4 | 4 | 4 | 4 | 3 |
| 142.5 | 0 | 0 | 1 | 2 | 3 | 4 | 4 | 4 | 4 | 3 |
| 145.0 | 0 | 0 | 0 | 1 | 2 | 3 | 3 | 3 | 2 | 2 |
| 147.5 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 0 |
| 150.0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 |
| 152.5 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 |
| 155.0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 |
| 157.5 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 |
| 160.0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| 162.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 165.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 167.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 170.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 172.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 175.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 177.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Vert. Horizontal Angles
Angles

| | <u>175.0</u> | <u>180.0</u> |
|------|--------------|--------------|
| 0.0 | 1682 | 1682 |
| 2.5 | 1666 | 1669 |
| 5.0 | 1522 | 1496 |
| 7.5 | 1382 | 1380 |
| 10.0 | 1389 | 1413 |
| 12.5 | 1525 | 1511 |
| 15.0 | 1722 | 1748 |
| 17.5 | 1996 | 2069 |
| 20.0 | 2466 | 2510 |
| 22.5 | 2912 | 2968 |
| 25.0 | 3516 | 3523 |

IES ROAD REPORT
PHOTOMETRIC FILENAME : XCN4-PT-2-LED-18L-40.IES

CANDELA TABULATION - (Cont.)

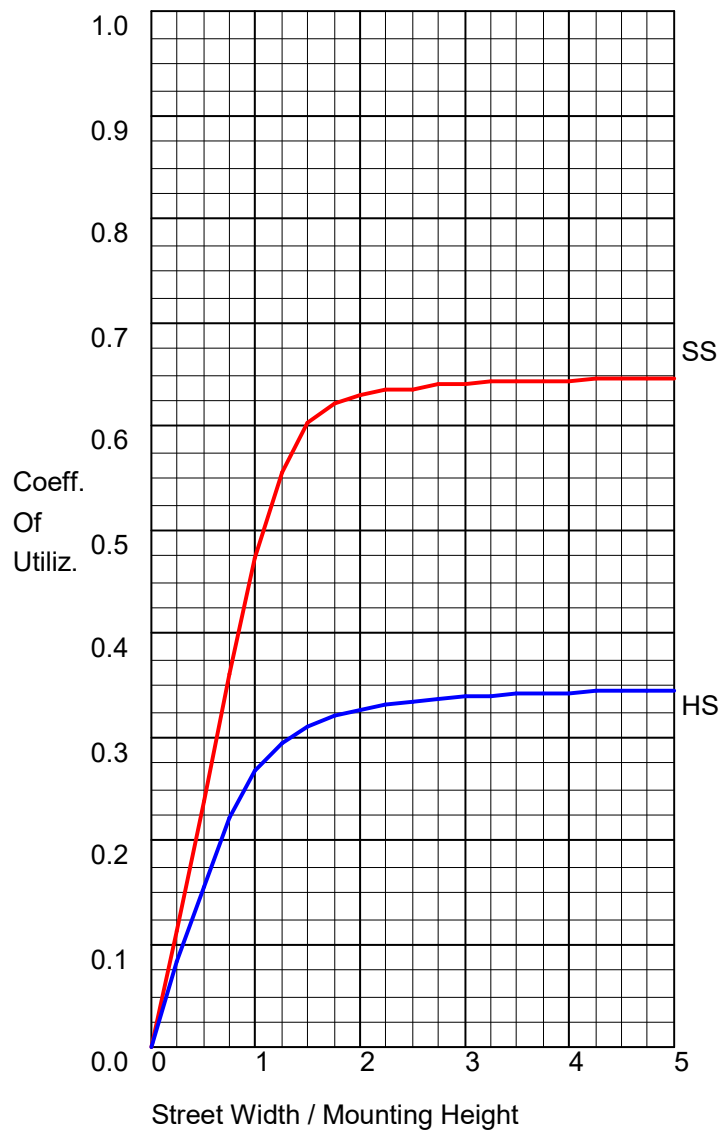
| | | |
|-------|------|------|
| 27.5 | 3964 | 4008 |
| 30.0 | 4446 | 4432 |
| 32.5 | 4652 | 4643 |
| 35.0 | 4704 | 4692 |
| 37.5 | 4586 | 4567 |
| 40.0 | 4299 | 4274 |
| 42.5 | 3888 | 3864 |
| 45.0 | 3421 | 3395 |
| 47.5 | 3000 | 2979 |
| 50.0 | 2683 | 2663 |
| 52.5 | 2432 | 2413 |
| 55.0 | 2145 | 2138 |
| 57.5 | 1858 | 1852 |
| 60.0 | 1575 | 1543 |
| 62.5 | 1278 | 1270 |
| 65.0 | 1073 | 1084 |
| 67.5 | 988 | 1017 |
| 70.0 | 944 | 994 |
| 72.5 | 881 | 956 |
| 75.0 | 672 | 738 |
| 77.5 | 381 | 445 |
| 80.0 | 383 | 430 |
| 82.5 | 511 | 526 |
| 85.0 | 518 | 526 |
| 87.5 | 318 | 395 |
| 90.0 | 0 | 0 |
| 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 | 0 | 0 |
| 110.0 | 0 | 0 |
| 112.5 | 0 | 0 |
| 115.0 | 0 | 0 |
| 117.5 | 0 | 0 |
| 120.0 | 0 | 0 |
| 122.5 | 1 | 0 |
| 125.0 | 1 | 0 |
| 127.5 | 1 | 1 |
| 130.0 | 1 | 1 |
| 132.5 | 2 | 2 |
| 135.0 | 2 | 2 |
| 137.5 | 3 | 3 |
| 140.0 | 3 | 3 |
| 142.5 | 2 | 2 |
| 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 |

IES ROAD REPORT
PHOTOMETRIC FILENAME : XCN4-PT-2-LED-18L-40.IES

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 | 0 | 0 |

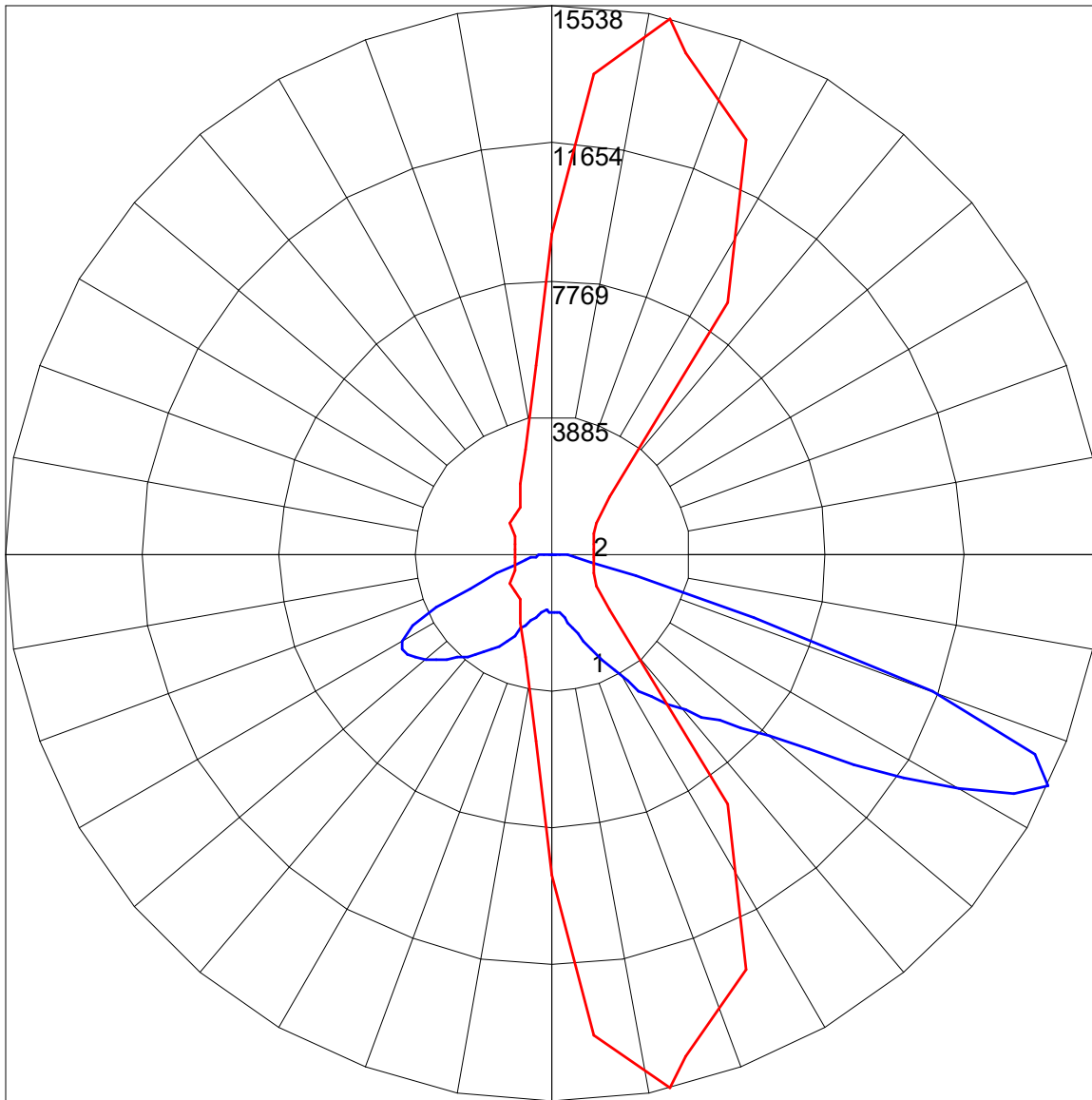
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

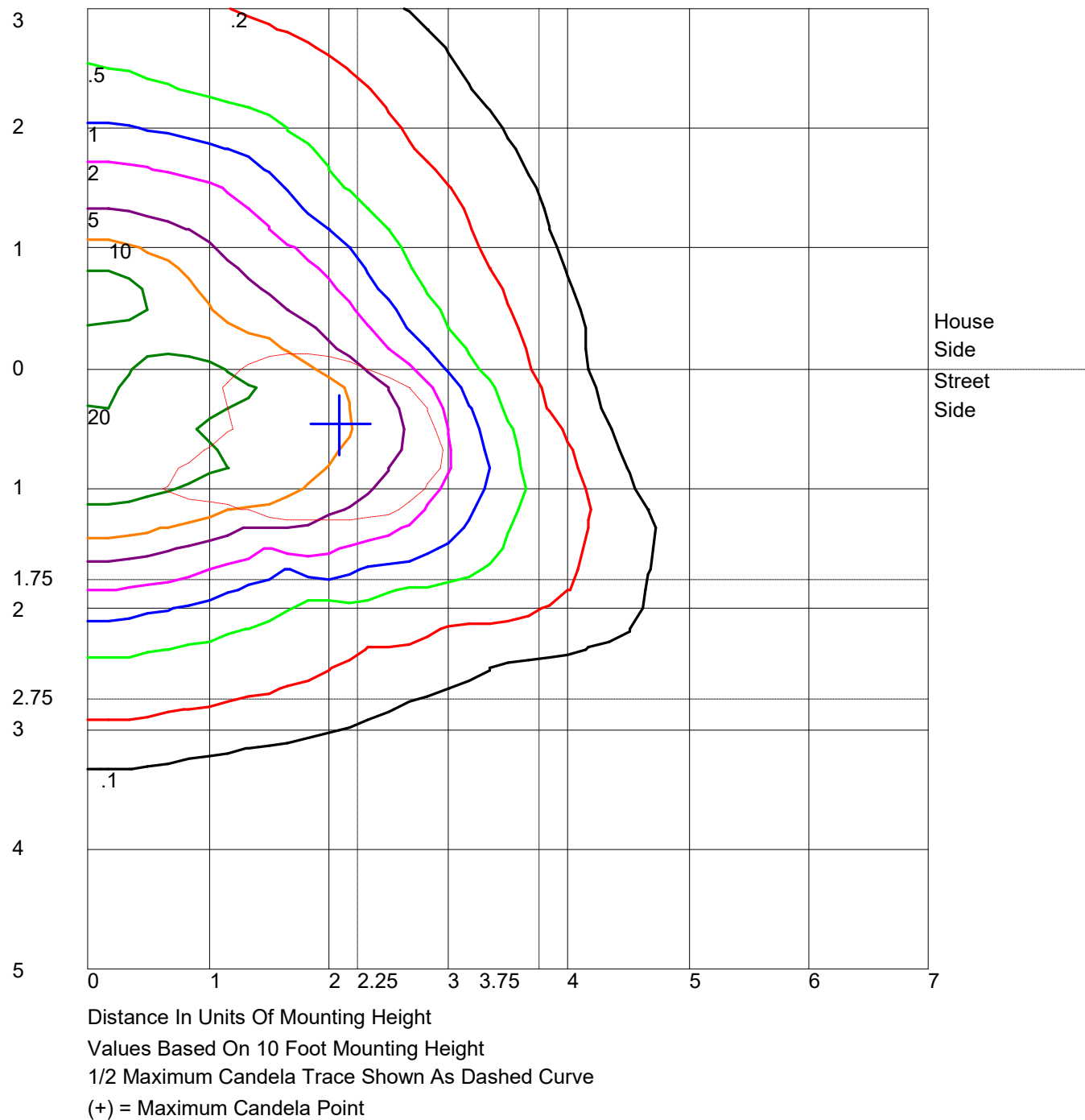
| | Lumens | Percent Of Luminaire |
|----------------------|---------|-------------------------|
| Downward Street Side | 12470.4 | 64.9 |
| Downward House Side | 6738.0 | 35.0 |
| Downward Total | 19208.4 | 99.9 |
| Upward Street Side | 9.7 | 0.1 |
| Upward House Side | 8.2 | 0.0 |
| Upward Total | 17.9 | 0.1 |
| Total Flux | 19226.3 | 100.0 |

POLAR GRAPH

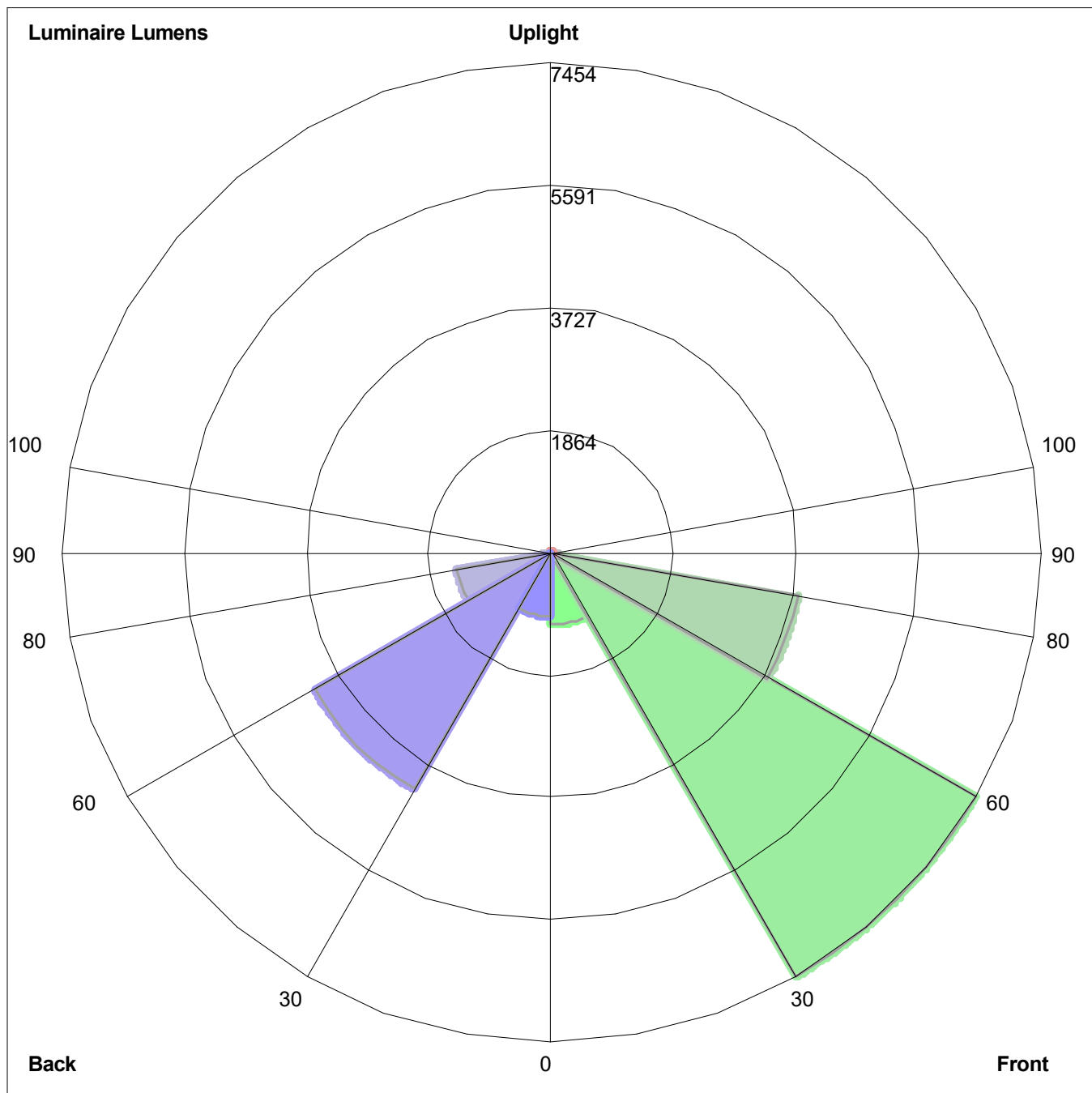


Maximum Candela = 15538 Located At Horizontal Angle = 77.5, Vertical Angle = 65
1 - Vertical Plane Through Horizontal Angles (77.5 - 257.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (65) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1103.4, Medium=7454.5, High=3813.6, Very High=98.9
Back: Low=969.0, Medium=4164.8, High=1458.8, Very High=145.4
Uplight: Low=8.5, High=9.5

BUG Rating : B3-U1-G3