



IES ROAD REPORT
PHOTOMETRIC FILENAME : ENM4-PT-FT-LED-25L-30.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-11754
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUE DATE] 06/10/2020
[TEST DATE] 04/24/20
[MANUFACT] LSI INDUSTRIES, INC.
[LUMCAT] ENM4-PT-FT-LED-25L-30
[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 IV |
| Longitudinal Classification | Short |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 22806 |
| Downward Total Efficiency | N.A. (absolute) |
| Total Luminaire Efficiency | N.A. (absolute) |
| Luminaire Efficacy Rating (LER) | 100 |
| Total Luminaire Watts | 227.9 |
| Ballast Factor | 1.00 |
| Upward Waste Light Ratio | 0.00 |
| Maximum Candela | 12729 |
| Maximum Candela Angle | 37.5H 72.5V |
| Maximum Candela (<90 Degrees Vertical) | 12729 |
| Maximum Candela Angle (<90 Degrees Vertical) | 37.5H 72.5V |
| Maximum Candela At 90 Degrees Vertical | 185 (0.8% Luminaire Lumens) |
| Maximum Candela from 80 to <90 Degrees Vertical | 3809 (16.7% Luminaire Lumens) |
| Cutoff Classification (deprecated) | N.A. (absolute) |

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

| | Lumens | % Lamp | % Luminaire |
|-------------------------------|----------|--------|-------------|
| FL - Front-Low (0-30) | 1047.7 | N.A. | 4.6 |
| FM - Front-Medium (30-60) | 7242.1 | N.A. | 31.8 |
| FH - Front-High (60-80) | 7536.6 | N.A. | 33.0 |
| FVH - Front-Very High (80-90) | 444.9 | N.A. | 2.0 |
| BL - Back-Low (0-30) | 1046.2 | N.A. | 4.6 |
| BM - Back-Medium (30-60) | 3735.6 | N.A. | 16.4 |
| BH - Back-High (60-80) | 1559.9 | N.A. | 6.8 |
| BVH - Back-Very High (80-90) | 135.6 | N.A. | 0.6 |
| UL - Uplight-Low (90-100) | 16.6 | N.A. | 0.1 |
| UH - Uplight-High (100-180) | 40.5 | N.A. | 0.2 |
| Total | 22805.7 | N.A. | 100.0 |
| BUG Rating | B3-U2-G4 | | |

IES ROAD REPORT
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CANDELA TABULATION

| Vert. Angles | Horizontal Angles | | | | | | | | | |
|-------------------------|--------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | 0.0 | 5.0 | 15.0 | 25.0 | 35.0 | 37.5 | 45.0 | 55.0 | 65.0 | 75.0 |
| 0.0 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 |
| 2.5 | 2038 | 2029 | 2007 | 2010 | 1998 | 2008 | 1994 | 1985 | 1993 | 1998 |
| 5.0 | 1898 | 1858 | 1868 | 1916 | 1905 | 1919 | 1907 | 1838 | 1852 | 1859 |
| 7.5 | 1788 | 1767 | 1810 | 1743 | 1726 | 1714 | 1716 | 1752 | 1861 | 1869 |
| 10.0 | 1746 | 1737 | 1768 | 1661 | 1704 | 1705 | 1747 | 1802 | 1821 | 1888 |
| 12.5 | 1822 | 1885 | 1801 | 1723 | 1805 | 1789 | 1792 | 1869 | 1870 | 1956 |
| 15.0 | 1867 | 1983 | 1926 | 1957 | 2006 | 1968 | 1894 | 1960 | 1967 | 2080 |
| 17.5 | 2015 | 2081 | 2013 | 2093 | 2114 | 2084 | 2114 | 2058 | 2086 | 2224 |
| 20.0 | 2266 | 2324 | 2293 | 2290 | 2308 | 2278 | 2266 | 2284 | 2245 | 2384 |
| 22.5 | 2540 | 2464 | 2524 | 2581 | 2606 | 2533 | 2511 | 2559 | 2430 | 2555 |
| 25.0 | 2859 | 2769 | 2871 | 2852 | 2867 | 2895 | 2866 | 2779 | 2757 | 2749 |
| 27.5 | 3236 | 3413 | 3408 | 3223 | 3193 | 3235 | 3227 | 3083 | 3014 | 2983 |
| 30.0 | 3809 | 3746 | 3660 | 3669 | 3640 | 3564 | 3611 | 3515 | 3313 | 3229 |
| 32.5 | 4520 | 4558 | 4239 | 4022 | 4087 | 4077 | 3960 | 3940 | 3689 | 3475 |
| 35.0 | 5122 | 5016 | 4881 | 4625 | 4504 | 4499 | 4510 | 4391 | 4014 | 3832 |
| 37.5 | 5780 | 5784 | 5402 | 5137 | 5091 | 5065 | 4989 | 4813 | 4431 | 4017 |
| 40.0 | 6182 | 6199 | 5983 | 5816 | 5644 | 5599 | 5463 | 5299 | 4853 | 4308 |
| 42.5 | 6580 | 6579 | 6439 | 6420 | 6194 | 6185 | 5993 | 5748 | 5191 | 4498 |
| 45.0 | 6959 | 6958 | 6924 | 6879 | 6769 | 6705 | 6573 | 6223 | 5526 | 4715 |
| 47.5 | 7299 | 7337 | 7339 | 7321 | 7312 | 7252 | 7125 | 6781 | 5944 | 4981 |
| 50.0 | 7601 | 7640 | 7708 | 7742 | 7817 | 7807 | 7700 | 7364 | 6462 | 5339 |
| 52.5 | 7849 | 7880 | 8005 | 8096 | 8296 | 8327 | 8242 | 8036 | 7106 | 5802 |
| 55.0 | 8000 | 8064 | 8214 | 8417 | 8759 | 8735 | 8789 | 8771 | 7800 | 6335 |
| 57.5 | 8074 | 8162 | 8348 | 8681 | 9167 | 9124 | 9360 | 9526 | 8582 | 6897 |
| 60.0 | 8128 | 8208 | 8446 | 8810 | 9532 | 9618 | 9992 | 10292 | 9307 | 7447 |
| 62.5 | 8262 | 8334 | 8627 | 8980 | 9968 | 10159 | 10690 | 11059 | 9952 | 7811 |
| 65.0 | 8557 | 8603 | 8980 | 9411 | 10606 | 10809 | 11428 | 11680 | 10333 | 7745 |
| 67.5 | 8842 | 8926 | 9528 | 10229 | 11490 | 11626 | 12103 | 11982 | 9959 | 6853 |
| 70.0 | 8321 | 8416 | 9352 | 11110 | 12470 | 12547 | 12572 | 11455 | 8366 | 5032 |
| 72.5 | 6788 | 7035 | 8113 | 10300 | 12623 | 12729 | 12151 | 9390 | 5771 | 2985 |
| 75.0 | 4530 | 4798 | 6043 | 8155 | 10761 | 11010 | 9845 | 6515 | 3456 | 1932 |
| 77.5 | 2435 | 2606 | 3490 | 5238 | 7087 | 7275 | 6281 | 4021 | 2200 | 1276 |
| 80.0 | 1217 | 1351 | 2203 | 3083 | 3667 | 3809 | 3480 | 2477 | 1400 | 808 |
| 82.5 | 756 | 796 | 1397 | 1820 | 1800 | 1932 | 1968 | 1322 | 845 | 456 |
| 85.0 | 562 | 596 | 932 | 1102 | 1201 | 1152 | 906 | 590 | 412 | 252 |
| 87.5 | 375 | 409 | 622 | 564 | 655 | 568 | 193 | 206 | 127 | 109 |
| 90.0 | 99 | 139 | 185 | 65 | 56 | 47 | 25 | 12 | 7 | 9 |
| 92.5 | 19 | 20 | 16 | 11 | 9 | 10 | 9 | 7 | 7 | 7 |
| 95.0 | 8 | 8 | 9 | 10 | 9 | 10 | 9 | 7 | 6 | 7 |
| 97.5 | 7 | 7 | 8 | 9 | 8 | 9 | 8 | 7 | 6 | 7 |
| 100.0 | 6 | 6 | 7 | 8 | 7 | 7 | 8 | 7 | 6 | 7 |
| 102.5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 6 | 6 | 7 |
| 105.0 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |
| 107.5 | 6 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |
| 110.0 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |
| 112.5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 7 |
| 115.0 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 8 |
| 117.5 | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 8 |
| 120.0 | 9 | 9 | 9 | 9 | 8 | 8 | 8 | 7 | 7 | 9 |
| 122.5 | 10 | 10 | 10 | 10 | 8 | 8 | 8 | 7 | 8 | 9 |
| 125.0 | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 7 | 8 | 9 |
| 127.5 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 8 | 8 | 10 |
| 130.0 | 11 | 11 | 11 | 10 | 10 | 10 | 10 | 8 | 8 | 11 |

IES ROAD REPORT
PHOTOMETRIC FILENAME : ENM4-PT-FT-LED-25L-30.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|----|----|----|----|----|----|----|---|---|----|
| 132.5 | 11 | 11 | 11 | 11 | 10 | 10 | 10 | 8 | 8 | 11 |
| 135.0 | 10 | 10 | 9 | 9 | 9 | 9 | 8 | 7 | 7 | 9 |
| 137.5 | 5 | 5 | 5 | 5 | 5 | 6 | 5 | 5 | 5 | 6 |
| 140.0 | 2 | 2 | 3 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| 142.5 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
| 145.0 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| 147.5 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| 150.0 | 2 | 1 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| 152.5 | 2 | 1 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| 155.0 | 2 | 1 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 157.5 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 160.0 | 1 | 1 | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 4 |
| 162.5 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| 165.0 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| 167.5 | 1 | 1 | 3 | 3 | 4 | 4 | 4 | 3 | 4 | 4 |
| 170.0 | 1 | 1 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 |
| 172.5 | 1 | 1 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 |
| 175.0 | 1 | 1 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 177.5 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 180.0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |

| 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 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 | 2025 |
| 2.5 | 2005 | 2010 | 2010 | 1989 | 2012 | 2015 | 2019 | 2031 | 2014 | 2023 |
| 5.0 | 1889 | 1888 | 1880 | 1886 | 1900 | 1966 | 1969 | 1948 | 1958 | 1924 |
| 7.5 | 1866 | 1865 | 1887 | 1967 | 1978 | 1862 | 1828 | 1806 | 1851 | 1867 |
| 10.0 | 1863 | 1887 | 1923 | 2059 | 1895 | 1860 | 1826 | 1760 | 1807 | 1857 |
| 12.5 | 1969 | 2000 | 2029 | 2068 | 1940 | 1882 | 1850 | 1923 | 2024 | 2039 |
| 15.0 | 2086 | 2119 | 2110 | 2102 | 1970 | 1943 | 2057 | 2151 | 2211 | 2259 |
| 17.5 | 2236 | 2232 | 2244 | 2171 | 2031 | 2117 | 2267 | 2306 | 2328 | 2368 |
| 20.0 | 2468 | 2478 | 2473 | 2306 | 2139 | 2358 | 2458 | 2456 | 2529 | 2574 |
| 22.5 | 2758 | 2720 | 2682 | 2518 | 2420 | 2578 | 2547 | 2636 | 2672 | 2651 |
| 25.0 | 2922 | 2945 | 2963 | 2689 | 2718 | 2739 | 2743 | 2734 | 2761 | 2827 |
| 27.5 | 3161 | 3107 | 3140 | 2833 | 3005 | 2935 | 2874 | 2820 | 2947 | 2990 |
| 30.0 | 3321 | 3323 | 3292 | 3006 | 3196 | 3155 | 3015 | 3014 | 3091 | 3163 |
| 32.5 | 3455 | 3505 | 3431 | 3204 | 3335 | 3296 | 3152 | 3118 | 3176 | 3384 |
| 35.0 | 3725 | 3640 | 3603 | 3358 | 3451 | 3404 | 3318 | 3267 | 3406 | 3625 |
| 37.5 | 3880 | 3833 | 3704 | 3577 | 3522 | 3475 | 3383 | 3423 | 3549 | 3856 |
| 40.0 | 3940 | 3871 | 3730 | 3640 | 3519 | 3498 | 3459 | 3515 | 3721 | 4055 |
| 42.5 | 3995 | 3874 | 3703 | 3560 | 3451 | 3467 | 3409 | 3577 | 3830 | 3905 |
| 45.0 | 4097 | 3916 | 3715 | 3495 | 3316 | 3374 | 3343 | 3514 | 3860 | 3586 |
| 47.5 | 4224 | 3985 | 3734 | 3428 | 3165 | 3244 | 3204 | 3396 | 3672 | 3264 |
| 50.0 | 4432 | 4109 | 3793 | 3359 | 3012 | 3112 | 3064 | 3291 | 3393 | 2994 |
| 52.5 | 4682 | 4274 | 3874 | 3301 | 2859 | 2945 | 2905 | 3155 | 3135 | 2742 |
| 55.0 | 4997 | 4460 | 3979 | 3254 | 2683 | 2759 | 2742 | 2953 | 2859 | 2512 |
| 57.5 | 5299 | 4640 | 4091 | 3191 | 2487 | 2578 | 2579 | 2742 | 2591 | 2258 |
| 60.0 | 5542 | 4740 | 4070 | 3070 | 2301 | 2406 | 2410 | 2512 | 2273 | 2056 |
| 62.5 | 5540 | 4605 | 3692 | 2866 | 2108 | 2232 | 2233 | 2255 | 2018 | 1865 |
| 65.0 | 5163 | 4000 | 2917 | 2530 | 1903 | 2039 | 2025 | 2024 | 1796 | 1709 |
| 67.5 | 4114 | 3010 | 2063 | 2062 | 1679 | 1815 | 1838 | 1837 | 1593 | 1567 |
| 70.0 | 2630 | 1937 | 1428 | 1597 | 1429 | 1569 | 1647 | 1643 | 1415 | 1423 |
| 72.5 | 1497 | 1124 | 984 | 1189 | 1162 | 1316 | 1437 | 1442 | 1242 | 1263 |
| 75.0 | 1045 | 738 | 669 | 875 | 915 | 1053 | 1202 | 1213 | 996 | 910 |
| 77.5 | 690 | 486 | 467 | 636 | 705 | 845 | 955 | 812 | 597 | 612 |

IES ROAD REPORT
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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 80.0 | 383 | 297 | 340 | 478 | 555 | 661 | 569 | 535 | 455 | 474 |
| 82.5 | 254 | 199 | 245 | 360 | 435 | 381 | 394 | 406 | 313 | 354 |
| 85.0 | 150 | 104 | 147 | 243 | 230 | 244 | 263 | 238 | 160 | 235 |
| 87.5 | 54 | 34 | 66 | 103 | 113 | 119 | 106 | 105 | 76 | 109 |
| 90.0 | 9 | 8 | 19 | 25 | 30 | 28 | 23 | 16 | 8 | 9 |
| 92.5 | 8 | 8 | 18 | 26 | 31 | 28 | 23 | 15 | 6 | 5 |
| 95.0 | 7 | 8 | 17 | 25 | 28 | 26 | 21 | 15 | 7 | 6 |
| 97.5 | 6 | 8 | 15 | 21 | 25 | 23 | 19 | 15 | 8 | 7 |
| 100.0 | 6 | 8 | 13 | 17 | 21 | 20 | 17 | 14 | 9 | 8 |
| 102.5 | 7 | 8 | 10 | 14 | 16 | 17 | 15 | 13 | 9 | 9 |
| 105.0 | 7 | 8 | 9 | 12 | 14 | 15 | 14 | 13 | 9 | 9 |
| 107.5 | 7 | 8 | 9 | 11 | 13 | 14 | 13 | 12 | 10 | 9 |
| 110.0 | 8 | 9 | 9 | 11 | 12 | 13 | 12 | 12 | 10 | 9 |
| 112.5 | 8 | 9 | 10 | 11 | 12 | 13 | 13 | 12 | 10 | 10 |
| 115.0 | 8 | 9 | 10 | 11 | 13 | 14 | 14 | 14 | 12 | 11 |
| 117.5 | 9 | 10 | 10 | 12 | 13 | 15 | 15 | 15 | 13 | 12 |
| 120.0 | 9 | 10 | 11 | 13 | 14 | 15 | 15 | 15 | 14 | 12 |
| 122.5 | 10 | 11 | 12 | 13 | 15 | 15 | 15 | 15 | 14 | 13 |
| 125.0 | 11 | 12 | 13 | 13 | 14 | 15 | 15 | 15 | 14 | 13 |
| 127.5 | 12 | 12 | 13 | 13 | 14 | 15 | 15 | 15 | 15 | 13 |
| 130.0 | 12 | 12 | 13 | 14 | 15 | 15 | 15 | 15 | 14 | 13 |
| 132.5 | 12 | 13 | 13 | 14 | 14 | 14 | 14 | 13 | 13 | 12 |
| 135.0 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 11 | 11 | 10 |
| 137.5 | 7 | 7 | 7 | 8 | 7 | 6 | 6 | 5 | 5 | 5 |
| 140.0 | 5 | 5 | 6 | 6 | 5 | 5 | 4 | 3 | 2 | 1 |
| 142.5 | 5 | 5 | 5 | 5 | 5 | 4 | 3 | 2 | 1 | 0 |
| 145.0 | 5 | 5 | 5 | 5 | 5 | 4 | 3 | 2 | 1 | 0 |
| 147.5 | 5 | 5 | 5 | 5 | 5 | 4 | 3 | 2 | 1 | 0 |
| 150.0 | 5 | 5 | 5 | 5 | 5 | 4 | 3 | 2 | 1 | 0 |
| 152.5 | 5 | 5 | 5 | 5 | 4 | 3 | 3 | 1 | 0 | 0 |
| 155.0 | 5 | 5 | 5 | 5 | 4 | 3 | 2 | 1 | 0 | 0 |
| 157.5 | 5 | 5 | 5 | 5 | 4 | 3 | 2 | 1 | 0 | 0 |
| 160.0 | 4 | 5 | 5 | 5 | 4 | 3 | 2 | 0 | 0 | 0 |
| 162.5 | 4 | 5 | 5 | 4 | 4 | 2 | 2 | 0 | 0 | 0 |
| 165.0 | 4 | 5 | 5 | 4 | 4 | 2 | 1 | 0 | 0 | 0 |
| 167.5 | 4 | 5 | 5 | 4 | 4 | 2 | 1 | 0 | 0 | 0 |
| 170.0 | 5 | 5 | 5 | 5 | 4 | 2 | 1 | 0 | 0 | 0 |
| 172.5 | 5 | 5 | 5 | 5 | 4 | 3 | 1 | 0 | 0 | 0 |
| 175.0 | 5 | 5 | 5 | 4 | 3 | 2 | 1 | 0 | 0 | 0 |
| 177.5 | 5 | 5 | 5 | 4 | 3 | 2 | 1 | 0 | 0 | 0 |
| 180.0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |

Vert. Horizontal Angles
Angles

| | 175.0 | 180.0 |
|------|--------------|--------------|
| 0.0 | 2025 | 2025 |
| 2.5 | 2044 | 2046 |
| 5.0 | 1903 | 1898 |
| 7.5 | 1851 | 1851 |
| 10.0 | 1868 | 1900 |
| 12.5 | 2128 | 2108 |
| 15.0 | 2342 | 2302 |
| 17.5 | 2458 | 2455 |
| 20.0 | 2633 | 2641 |
| 22.5 | 2745 | 2703 |
| 25.0 | 2913 | 2903 |

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CANDELA TABULATION - (Cont.)

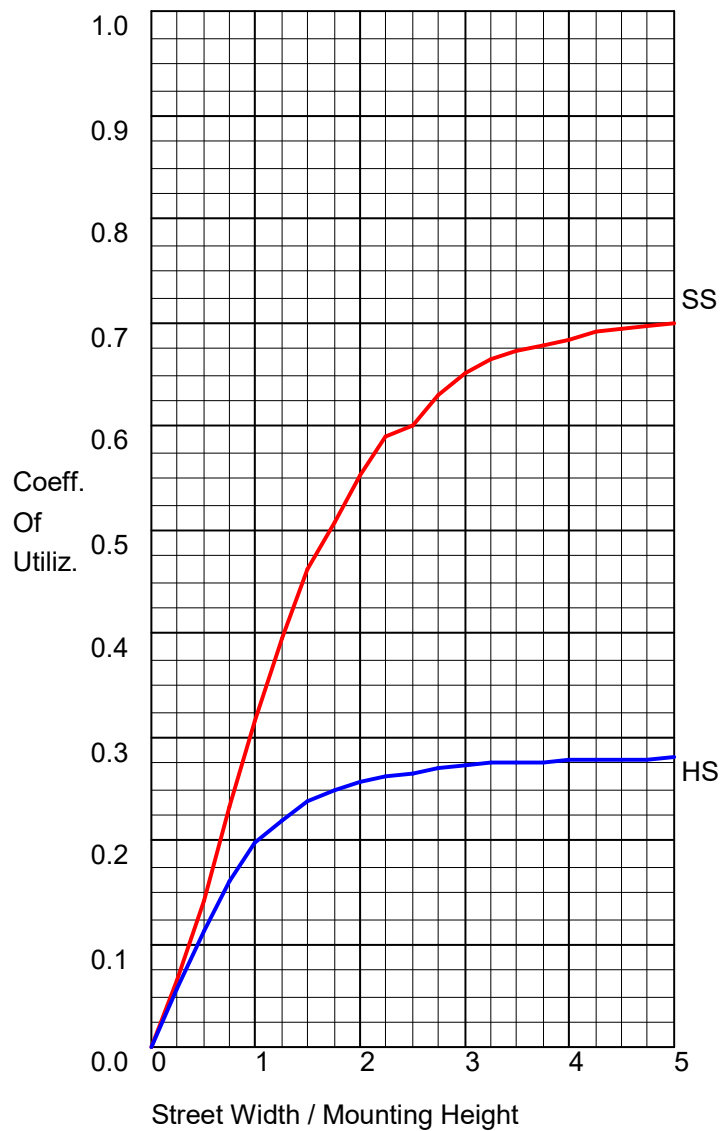
| | | |
|-------|------|------|
| 27.5 | 3082 | 3114 |
| 30.0 | 3289 | 3248 |
| 32.5 | 3579 | 3605 |
| 35.0 | 3759 | 3763 |
| 37.5 | 4047 | 4018 |
| 40.0 | 3981 | 3930 |
| 42.5 | 3606 | 3541 |
| 45.0 | 3292 | 3241 |
| 47.5 | 3051 | 3006 |
| 50.0 | 2830 | 2803 |
| 52.5 | 2628 | 2594 |
| 55.0 | 2432 | 2373 |
| 57.5 | 2185 | 2143 |
| 60.0 | 2014 | 1978 |
| 62.5 | 1862 | 1838 |
| 65.0 | 1740 | 1717 |
| 67.5 | 1636 | 1613 |
| 70.0 | 1536 | 1520 |
| 72.5 | 1390 | 1393 |
| 75.0 | 1013 | 996 |
| 77.5 | 790 | 810 |
| 80.0 | 655 | 693 |
| 82.5 | 516 | 550 |
| 85.0 | 364 | 397 |
| 87.5 | 206 | 248 |
| 90.0 | 12 | 25 |
| 92.5 | 3 | 3 |
| 95.0 | 4 | 4 |
| 97.5 | 5 | 5 |
| 100.0 | 6 | 6 |
| 102.5 | 7 | 6 |
| 105.0 | 7 | 7 |
| 107.5 | 7 | 7 |
| 110.0 | 7 | 7 |
| 112.5 | 7 | 7 |
| 115.0 | 9 | 8 |
| 117.5 | 9 | 9 |
| 120.0 | 10 | 10 |
| 122.5 | 10 | 10 |
| 125.0 | 10 | 10 |
| 127.5 | 10 | 10 |
| 130.0 | 10 | 10 |
| 132.5 | 10 | 10 |
| 135.0 | 7 | 7 |
| 137.5 | 3 | 3 |
| 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 | 3 | 3 |

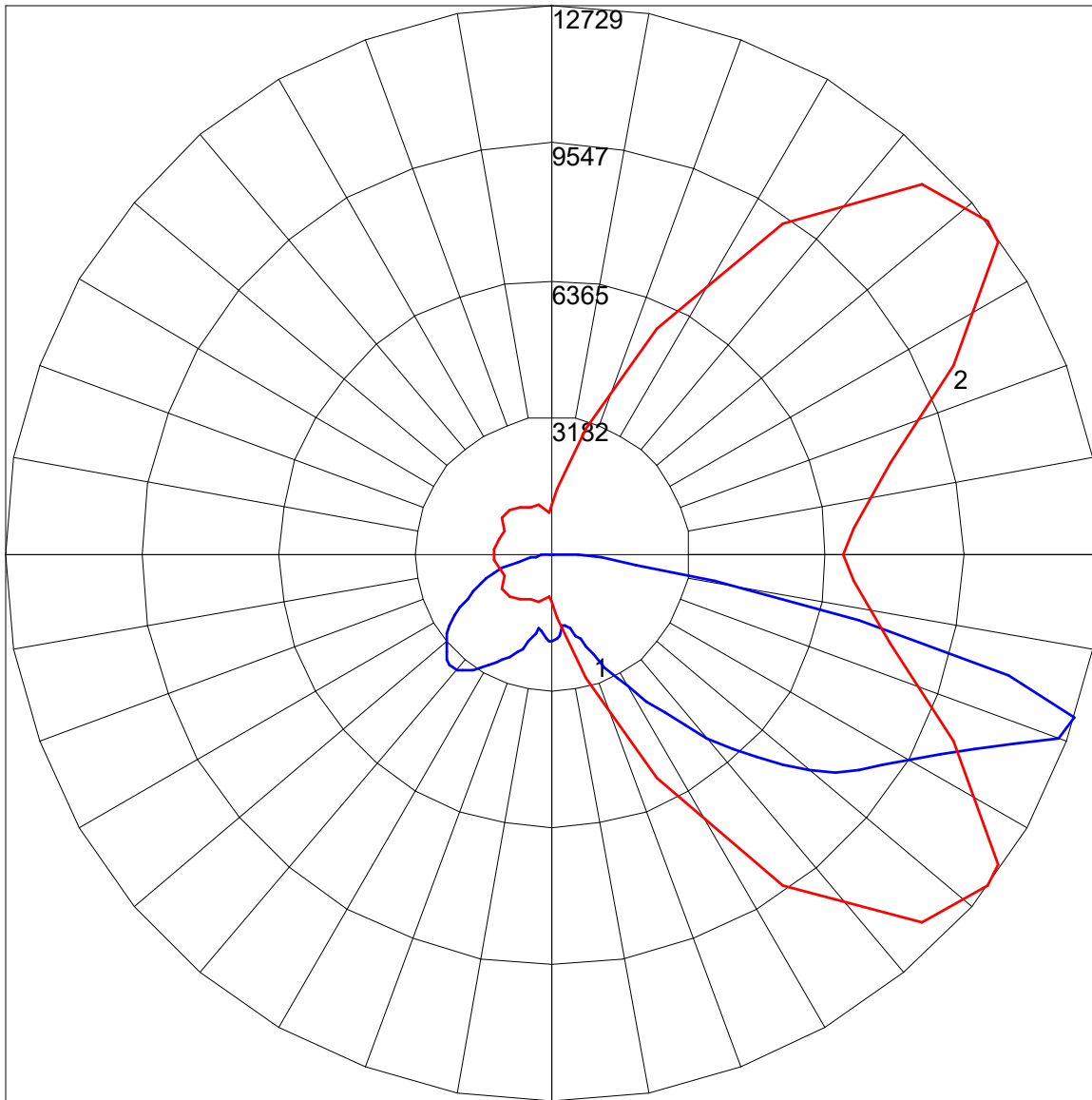
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

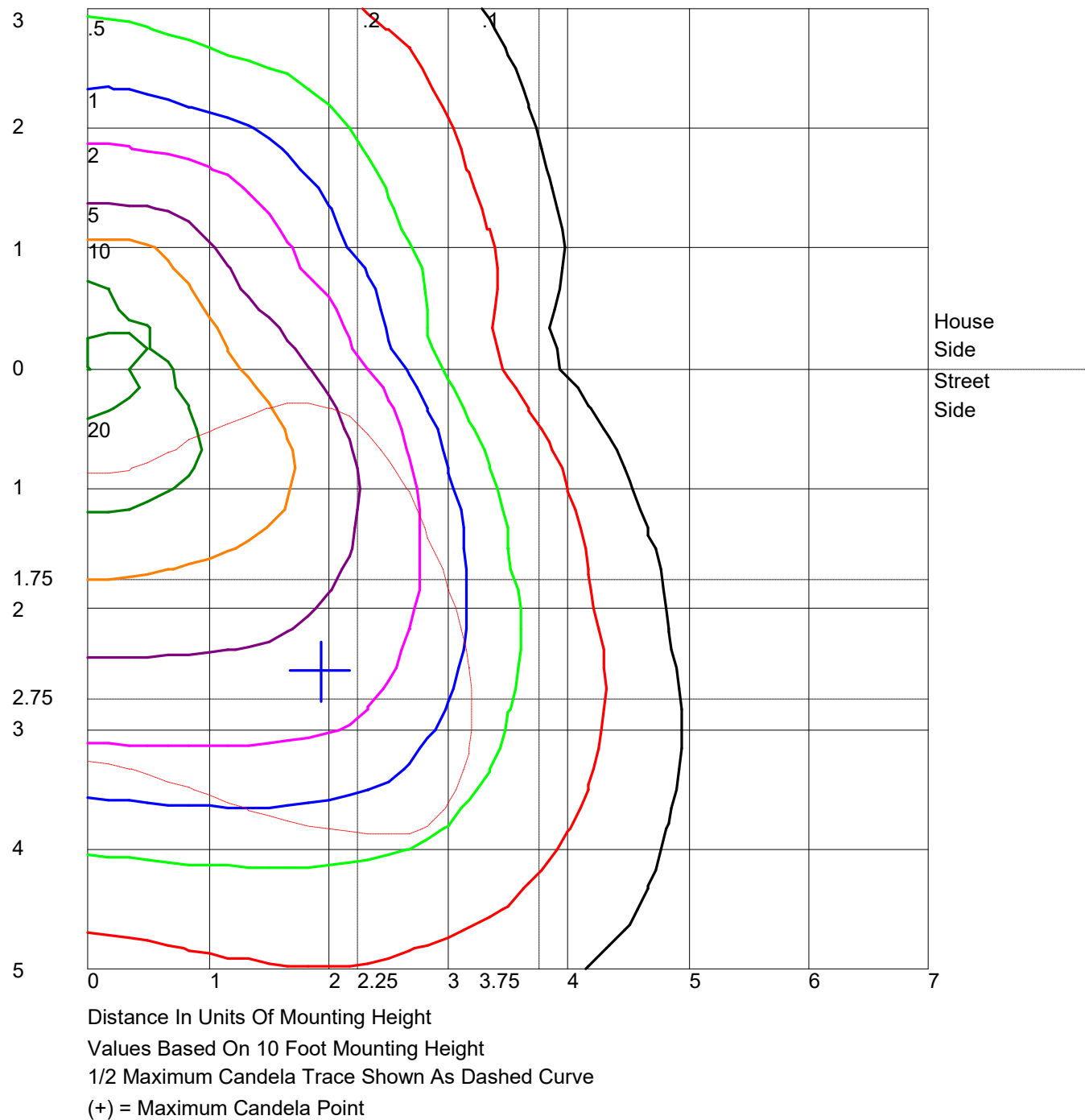
| | Lumens | Percent Of Luminaire |
|----------------------|---------|-------------------------|
| Downward Street Side | 16271.4 | 71.3 |
| Downward House Side | 6477.4 | 28.4 |
| Downward Total | 22748.8 | 99.7 |
| Upward Street Side | 24.6 | 0.1 |
| Upward House Side | 32.5 | 0.1 |
| Upward Total | 57.1 | 0.3 |
| Total Flux | 22805.9 | 100.0 |

POLAR GRAPH

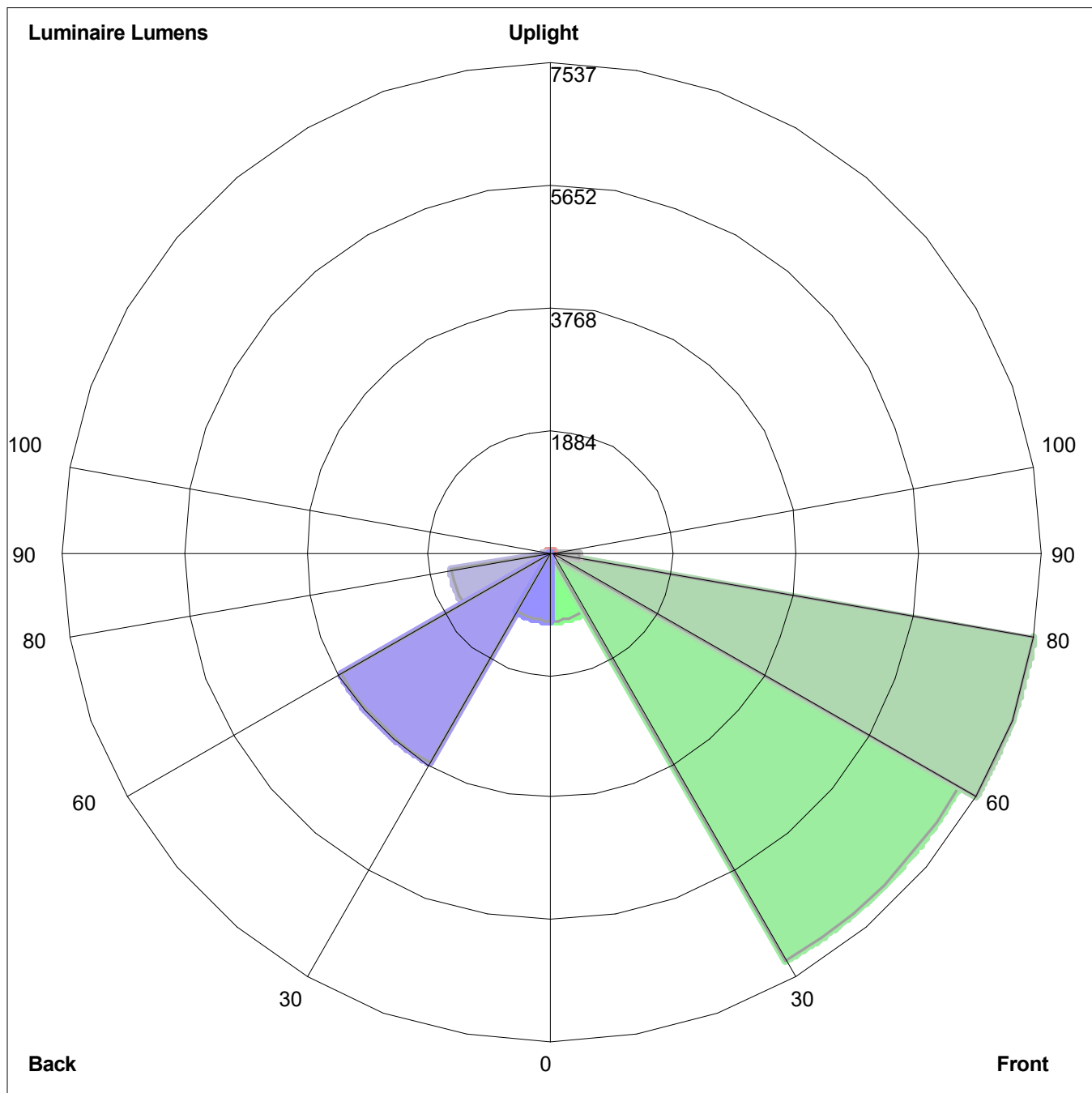


Maximum Candela = 12729 Located At Horizontal Angle = 37.5, Vertical Angle = 72.5
1 - Vertical Plane Through Horizontal Angles (37.5 - 217.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (72.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1047.7, Medium=7242.1, High=7536.6, Very High=444.9
Back: Low=1046.2, Medium=3735.6, High=1559.9, Very High=135.6
Uplight: Low=16.6, High=40.5

BUG Rating : B3-U2-G4