



IES ROAD REPORT

PHOTOMETRIC FILENAME : ENM4-PT-3-LED-10L-50-IL.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-11760
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUE DATE] 06/10/2020
[TEST DATE] 04/26/20
[MANUFACT] LSI INDUSTRIES, INC.
[LUMCAT] ENM4-PT-3-LED-10L-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
[FACTORED] SCALED FROM ORIGINAL TEST DATA

CHARACTERISTICS

| | |
|---|-----------------------------|
| IES Classification | Type II |
| Longitudinal Classification | Short |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 8913 |
| Downward Total Efficiency | N.A. (absolute) |
| Total Luminaire Efficiency | N.A. (absolute) |
| Luminaire Efficacy Rating (LER) | 116 |
| Total Luminaire Watts | 77 |
| Ballast Factor | 1.00 |
| Upward Waste Light Ratio | 0.00 |
| Maximum Candela | 9768 |
| Maximum Candela Angle | 57.5H 60V |
| Maximum Candela (<90 Degrees Vertical) | 9768 |
| Maximum Candela Angle (<90 Degrees Vertical) | 57.5H 60V |
| Maximum Candela At 90 Degrees Vertical | 21 (0.2% Luminaire Lumens) |
| Maximum Candela from 80 to <90 Degrees Vertical | 421 (4.7% Luminaire Lumens) |
| Cutoff Classification (deprecated) | N.A. (absolute) |

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

| | Lumens | % Lamp | % Luminaire |
|-------------------------------|----------|--------|-------------|
| FL - Front-Low (0-30) | 331.0 | N.A. | 3.7 |
| FM - Front-Medium (30-60) | 5285.2 | N.A. | 59.3 |
| FH - Front-High (60-80) | 2318.2 | N.A. | 26.0 |
| FVH - Front-Very High (80-90) | 55.3 | N.A. | 0.6 |
| BL - Back-Low (0-30) | 160.5 | N.A. | 1.8 |
| BM - Back-Medium (30-60) | 606.5 | N.A. | 6.8 |
| BH - Back-High (60-80) | 119.3 | N.A. | 1.3 |
| BVH - Back-Very High (80-90) | 13.2 | N.A. | 0.1 |
| UL - Uplight-Low (90-100) | 6.0 | N.A. | 0.1 |
| UH - Uplight-High (100-180) | 18.2 | N.A. | 0.2 |
| Total | 8913.4 | N.A. | 100.0 |
| BUG Rating | B1-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 | 431 | 431 | 431 | 431 | 431 | 431 | 431 | 431 | 431 | 431 |
| 2.5 | 424 | 422 | 426 | 423 | 424 | 425 | 428 | 425 | 426 | 425 |
| 5.0 | 428 | 426 | 424 | 425 | 421 | 416 | 410 | 409 | 405 | 404 |
| 7.5 | 414 | 414 | 420 | 419 | 409 | 407 | 412 | 411 | 415 | 415 |
| 10.0 | 412 | 414 | 424 | 404 | 422 | 422 | 441 | 438 | 438 | 434 |
| 12.5 | 448 | 453 | 443 | 439 | 448 | 446 | 461 | 462 | 467 | 459 |
| 15.0 | 477 | 476 | 479 | 486 | 505 | 498 | 503 | 497 | 500 | 508 |
| 17.5 | 508 | 520 | 514 | 533 | 556 | 575 | 554 | 545 | 548 | 554 |
| 20.0 | 594 | 610 | 605 | 603 | 621 | 645 | 657 | 649 | 628 | 621 |
| 22.5 | 688 | 683 | 707 | 723 | 751 | 767 | 809 | 803 | 785 | 738 |
| 25.0 | 866 | 843 | 865 | 909 | 954 | 966 | 1028 | 1026 | 1031 | 928 |
| 27.5 | 1192 | 1193 | 1207 | 1202 | 1245 | 1290 | 1360 | 1363 | 1381 | 1227 |
| 30.0 | 1570 | 1568 | 1535 | 1600 | 1630 | 1715 | 1782 | 1808 | 1789 | 1598 |
| 32.5 | 2044 | 2050 | 1964 | 1938 | 2052 | 2137 | 2270 | 2274 | 2275 | 1965 |
| 35.0 | 2462 | 2461 | 2423 | 2449 | 2451 | 2698 | 2764 | 2800 | 2696 | 2340 |
| 37.5 | 3118 | 3101 | 2982 | 2890 | 2951 | 3098 | 3208 | 3211 | 3086 | 2583 |
| 40.0 | 3652 | 3708 | 3622 | 3440 | 3438 | 3566 | 3611 | 3607 | 3385 | 2844 |
| 42.5 | 4357 | 4371 | 4255 | 4047 | 3959 | 3980 | 3929 | 3927 | 3630 | 3089 |
| 45.0 | 5086 | 5106 | 4985 | 4733 | 4558 | 4483 | 4294 | 4232 | 3897 | 3372 |
| 47.5 | 5788 | 5775 | 5731 | 5534 | 5363 | 5087 | 4751 | 4679 | 4307 | 3813 |
| 50.0 | 6254 | 6268 | 6389 | 6433 | 6108 | 5777 | 5383 | 5285 | 4926 | 4400 |
| 52.5 | 6247 | 6370 | 6747 | 7129 | 7141 | 6675 | 6419 | 6285 | 5804 | 5093 |
| 55.0 | 5824 | 5915 | 6403 | 7157 | 7686 | 7765 | 7931 | 7916 | 7031 | 5594 |
| 57.5 | 4708 | 4786 | 5576 | 6654 | 7742 | 8498 | 9279 | 9320 | 7950 | 5751 |
| 60.0 | 3044 | 3129 | 3951 | 5442 | 7223 | 8585 | 9727 | 9768 | 8134 | 5529 |
| 62.5 | 1628 | 1636 | 2278 | 3793 | 5962 | 7940 | 9354 | 9429 | 7798 | 4948 |
| 65.0 | 833 | 880 | 1161 | 2188 | 4165 | 6543 | 8353 | 8518 | 6829 | 3884 |
| 67.5 | 487 | 514 | 662 | 1134 | 2532 | 4436 | 6541 | 6759 | 5143 | 2488 |
| 70.0 | 334 | 352 | 444 | 735 | 1374 | 2509 | 4300 | 4585 | 3285 | 1446 |
| 72.5 | 246 | 260 | 321 | 557 | 912 | 1258 | 2361 | 2598 | 1754 | 625 |
| 75.0 | 169 | 179 | 232 | 434 | 695 | 721 | 1026 | 1122 | 787 | 304 |
| 77.5 | 119 | 124 | 171 | 361 | 549 | 476 | 460 | 497 | 411 | 193 |
| 80.0 | 92 | 95 | 133 | 285 | 421 | 299 | 248 | 252 | 252 | 143 |
| 82.5 | 72 | 74 | 106 | 226 | 280 | 182 | 148 | 151 | 166 | 111 |
| 85.0 | 50 | 54 | 81 | 161 | 165 | 94 | 90 | 92 | 96 | 76 |
| 87.5 | 31 | 35 | 57 | 91 | 62 | 36 | 34 | 35 | 32 | 36 |
| 90.0 | 7 | 8 | 14 | 21 | 12 | 8 | 6 | 6 | 5 | 5 |
| 92.5 | 2 | 3 | 4 | 5 | 4 | 4 | 4 | 5 | 4 | 4 |
| 95.0 | 1 | 1 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 3 |
| 97.5 | 1 | 1 | 2 | 3 | 4 | 4 | 4 | 4 | 3 | 3 |
| 100.0 | 1 | 1 | 2 | 3 | 4 | 4 | 3 | 3 | 3 | 3 |
| 102.5 | 1 | 1 | 2 | 3 | 4 | 4 | 3 | 3 | 3 | 3 |
| 105.0 | 2 | 2 | 2 | 3 | 4 | 4 | 3 | 3 | 3 | 3 |
| 107.5 | 2 | 2 | 2 | 3 | 4 | 4 | 3 | 3 | 3 | 3 |
| 110.0 | 2 | 2 | 2 | 4 | 4 | 4 | 3 | 3 | 3 | 3 |
| 112.5 | 2 | 2 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 |
| 115.0 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 3 |
| 117.5 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 |
| 120.0 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 122.5 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 125.0 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 |
| 127.5 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 4 |
| 130.0 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 4 |

IES ROAD REPORT
PHOTOMETRIC FILENAME : ENM4-PT-3-LED-10L-50-IL.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|
| 132.5 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 |
| 135.0 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 137.5 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 140.0 | 0 | 0 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 3 |
| 142.5 | 0 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 145.0 | 0 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 147.5 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 150.0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 152.5 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 155.0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 157.5 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 160.0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 162.5 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 165.0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 167.5 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 170.0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 172.5 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 175.0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 177.5 | 0 | 0 | 1 | 2 | 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 | 431 | 431 | 431 | 431 | 431 | 431 | 431 | 431 | 431 | 431 |
| 2.5 | 426 | 429 | 429 | 429 | 432 | 439 | 433 | 434 | 431 | 433 |
| 5.0 | 409 | 412 | 414 | 403 | 418 | 426 | 425 | 418 | 419 | 418 |
| 7.5 | 407 | 411 | 411 | 418 | 416 | 409 | 399 | 388 | 381 | 388 |
| 10.0 | 426 | 421 | 418 | 443 | 420 | 406 | 374 | 361 | 332 | 329 |
| 12.5 | 448 | 444 | 443 | 442 | 419 | 395 | 350 | 307 | 288 | 276 |
| 15.0 | 471 | 459 | 460 | 460 | 424 | 370 | 313 | 285 | 263 | 251 |
| 17.5 | 509 | 491 | 503 | 467 | 412 | 331 | 298 | 276 | 261 | 247 |
| 20.0 | 558 | 535 | 521 | 484 | 384 | 316 | 288 | 277 | 266 | 247 |
| 22.5 | 669 | 627 | 602 | 516 | 379 | 316 | 290 | 282 | 274 | 253 |
| 25.0 | 817 | 752 | 699 | 550 | 394 | 339 | 291 | 286 | 304 | 296 |
| 27.5 | 1046 | 921 | 851 | 582 | 432 | 367 | 296 | 299 | 362 | 380 |
| 30.0 | 1308 | 1143 | 992 | 608 | 454 | 383 | 313 | 325 | 449 | 477 |
| 32.5 | 1539 | 1332 | 1107 | 629 | 461 | 394 | 322 | 359 | 528 | 606 |
| 35.0 | 1773 | 1476 | 1205 | 638 | 450 | 395 | 334 | 366 | 628 | 755 |
| 37.5 | 1968 | 1628 | 1276 | 647 | 431 | 388 | 331 | 371 | 756 | 941 |
| 40.0 | 2167 | 1762 | 1366 | 656 | 414 | 373 | 326 | 359 | 879 | 938 |
| 42.5 | 2392 | 1918 | 1452 | 666 | 393 | 352 | 307 | 336 | 945 | 742 |
| 45.0 | 2707 | 2155 | 1585 | 689 | 372 | 327 | 281 | 309 | 766 | 561 |
| 47.5 | 3162 | 2458 | 1738 | 713 | 345 | 289 | 248 | 278 | 505 | 420 |
| 50.0 | 3628 | 2799 | 1911 | 721 | 312 | 232 | 200 | 240 | 286 | 320 |
| 52.5 | 4042 | 3051 | 2040 | 708 | 260 | 172 | 146 | 181 | 187 | 253 |
| 55.0 | 4237 | 3120 | 2002 | 648 | 203 | 129 | 109 | 122 | 130 | 205 |
| 57.5 | 4174 | 2942 | 1767 | 553 | 165 | 108 | 89 | 87 | 88 | 164 |
| 60.0 | 3833 | 2559 | 1389 | 428 | 140 | 96 | 76 | 66 | 66 | 134 |
| 62.5 | 3197 | 1999 | 950 | 310 | 120 | 84 | 64 | 51 | 50 | 110 |
| 65.0 | 2161 | 1341 | 583 | 210 | 101 | 70 | 51 | 40 | 38 | 91 |
| 67.5 | 1238 | 783 | 353 | 143 | 81 | 55 | 39 | 31 | 28 | 73 |
| 70.0 | 564 | 399 | 201 | 103 | 65 | 44 | 29 | 24 | 21 | 57 |
| 72.5 | 241 | 205 | 139 | 85 | 52 | 36 | 24 | 20 | 14 | 42 |
| 75.0 | 151 | 140 | 116 | 76 | 43 | 30 | 21 | 15 | 9 | 30 |
| 77.5 | 113 | 109 | 97 | 71 | 38 | 27 | 19 | 13 | 6 | 23 |

IES ROAD REPORT
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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|-----|----|----|----|----|----|----|----|---|----|
| 80.0 | 101 | 92 | 81 | 63 | 35 | 25 | 17 | 10 | 5 | 19 |
| 82.5 | 74 | 68 | 66 | 52 | 30 | 23 | 17 | 9 | 4 | 16 |
| 85.0 | 46 | 44 | 48 | 37 | 26 | 22 | 16 | 9 | 4 | 14 |
| 87.5 | 23 | 21 | 26 | 24 | 21 | 19 | 15 | 8 | 4 | 10 |
| 90.0 | 5 | 4 | 8 | 15 | 17 | 17 | 13 | 7 | 3 | 6 |
| 92.5 | 4 | 3 | 6 | 12 | 15 | 15 | 10 | 6 | 2 | 2 |
| 95.0 | 4 | 2 | 6 | 10 | 14 | 13 | 9 | 6 | 2 | 2 |
| 97.5 | 3 | 3 | 4 | 8 | 10 | 10 | 8 | 6 | 3 | 2 |
| 100.0 | 3 | 3 | 4 | 6 | 8 | 8 | 6 | 5 | 3 | 2 |
| 102.5 | 3 | 3 | 4 | 5 | 7 | 7 | 6 | 5 | 3 | 2 |
| 105.0 | 3 | 3 | 4 | 5 | 6 | 6 | 6 | 5 | 3 | 2 |
| 107.5 | 3 | 3 | 4 | 5 | 6 | 6 | 6 | 5 | 4 | 2 |
| 110.0 | 3 | 4 | 4 | 5 | 6 | 6 | 6 | 5 | 4 | 2 |
| 112.5 | 3 | 4 | 4 | 5 | 6 | 6 | 6 | 5 | 4 | 3 |
| 115.0 | 4 | 4 | 4 | 5 | 6 | 6 | 6 | 5 | 4 | 3 |
| 117.5 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 5 | 4 | 3 |
| 120.0 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 5 | 4 | 3 |
| 122.5 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 5 | 4 | 3 |
| 125.0 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 4 | 4 |
| 127.5 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 5 | 4 |
| 130.0 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 5 | 4 |
| 132.5 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 5 | 4 |
| 135.0 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 5 | 4 | 4 |
| 137.5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 3 |
| 140.0 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 2 |
| 142.5 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 2 |
| 145.0 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 2 |
| 147.5 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 2 | 2 |
| 150.0 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 2 | 1 |
| 152.5 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 2 | 1 |
| 155.0 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 2 | 1 |
| 157.5 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 1 |
| 160.0 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 1 | 0 |
| 162.5 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 1 | 0 |
| 165.0 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 0 |
| 167.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 0 |
| 170.0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 0 |
| 172.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 0 |
| 175.0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 0 |
| 177.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 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 | 431 | 431 |
| 2.5 | 434 | 436 |
| 5.0 | 414 | 415 |
| 7.5 | 380 | 377 |
| 10.0 | 316 | 318 |
| 12.5 | 275 | 274 |
| 15.0 | 253 | 248 |
| 17.5 | 242 | 241 |
| 20.0 | 240 | 237 |
| 22.5 | 236 | 230 |
| 25.0 | 256 | 246 |

IES ROAD REPORT
PHOTOMETRIC FILENAME : ENM4-PT-3-LED-10L-50-IL.IES

CANDELA TABULATION - (Cont.)

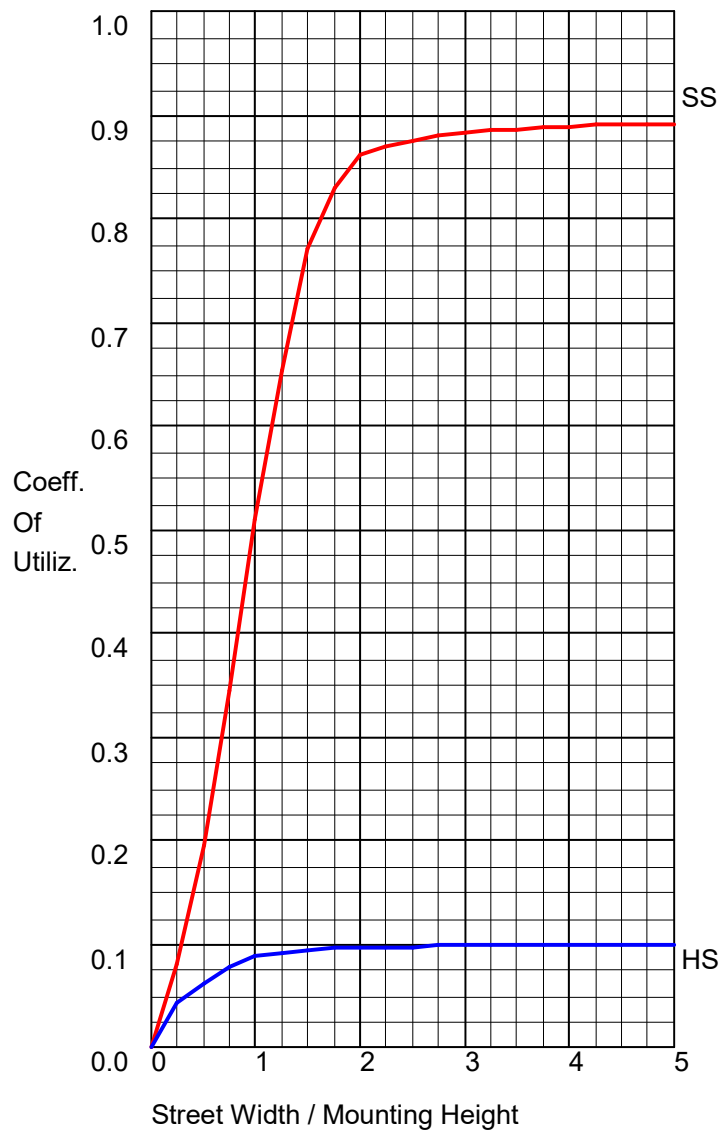
| | | |
|-------|-----|-----|
| 27.5 | 305 | 290 |
| 30.0 | 375 | 361 |
| 32.5 | 474 | 453 |
| 35.0 | 588 | 562 |
| 37.5 | 599 | 557 |
| 40.0 | 482 | 430 |
| 42.5 | 359 | 309 |
| 45.0 | 265 | 239 |
| 47.5 | 216 | 189 |
| 50.0 | 185 | 151 |
| 52.5 | 171 | 131 |
| 55.0 | 166 | 122 |
| 57.5 | 172 | 126 |
| 60.0 | 180 | 139 |
| 62.5 | 186 | 158 |
| 65.0 | 189 | 172 |
| 67.5 | 180 | 171 |
| 70.0 | 160 | 163 |
| 72.5 | 140 | 143 |
| 75.0 | 109 | 115 |
| 77.5 | 86 | 94 |
| 80.0 | 69 | 79 |
| 82.5 | 57 | 63 |
| 85.0 | 43 | 49 |
| 87.5 | 32 | 36 |
| 90.0 | 15 | 17 |
| 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 | 0 |
| 112.5 | 1 | 1 |
| 115.0 | 2 | 1 |
| 117.5 | 2 | 2 |
| 120.0 | 2 | 2 |
| 122.5 | 2 | 2 |
| 125.0 | 3 | 3 |
| 127.5 | 3 | 3 |
| 130.0 | 3 | 3 |
| 132.5 | 3 | 3 |
| 135.0 | 3 | 2 |
| 137.5 | 2 | 2 |
| 140.0 | 1 | 1 |
| 142.5 | 1 | 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 |

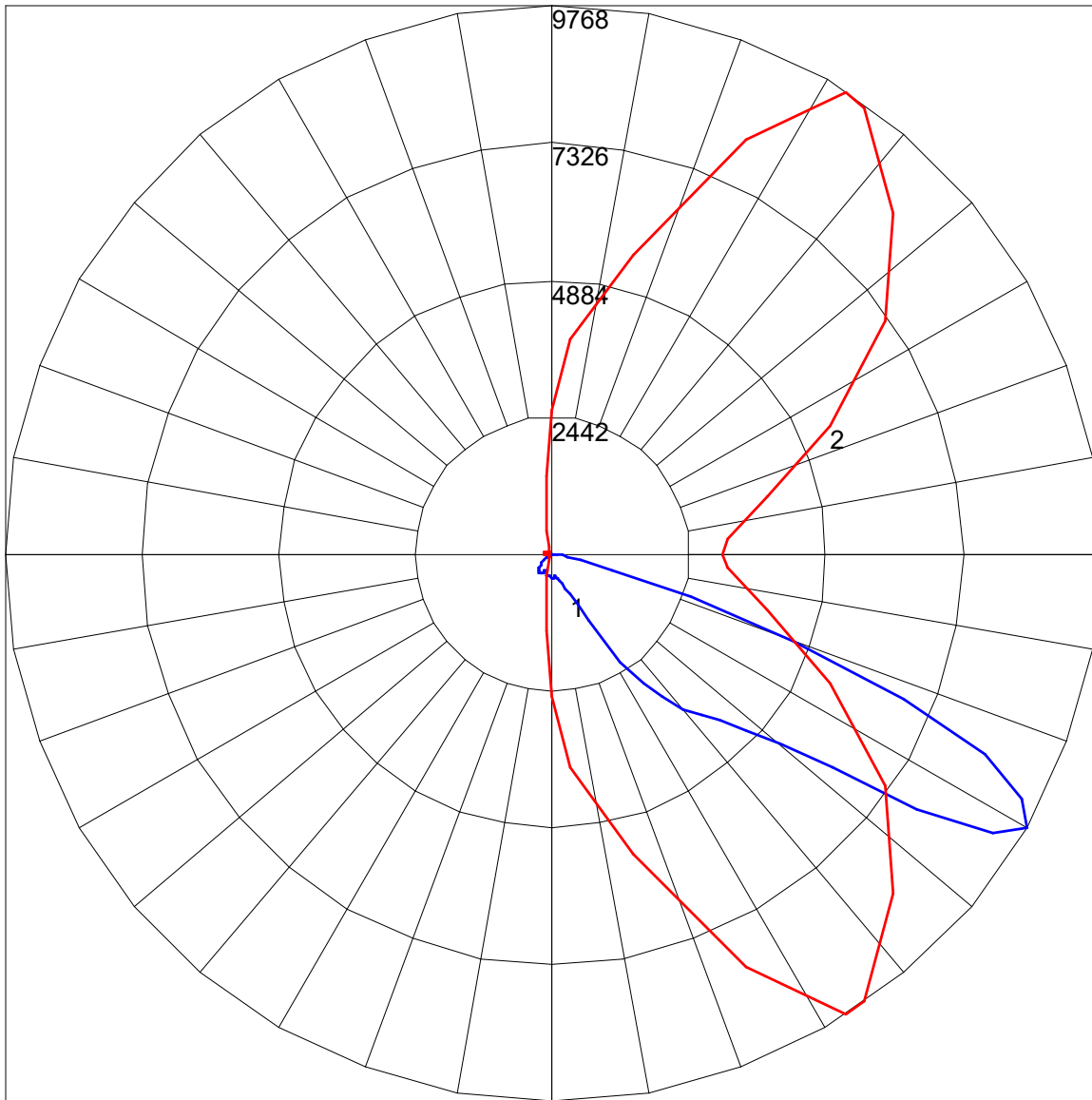
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

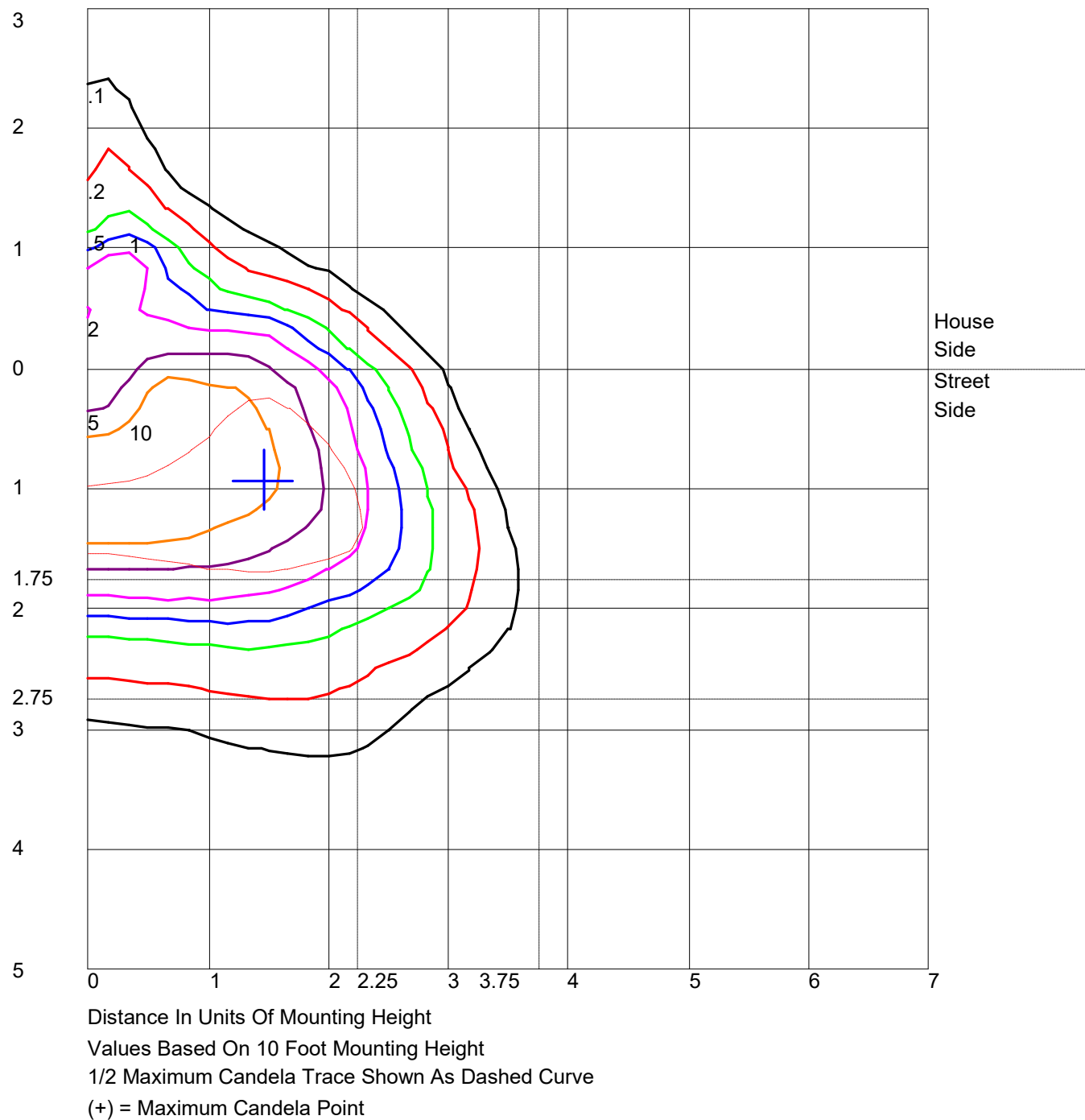
| | Lumens | Percent Of Luminaire |
|----------------------|--------|-------------------------|
| Downward Street Side | 7989.7 | 89.6 |
| Downward House Side | 899.4 | 10.1 |
| Downward Total | 8889.1 | 99.7 |
| Upward Street Side | 10.0 | 0.1 |
| Upward House Side | 14.2 | 0.2 |
| Upward Total | 24.2 | 0.3 |
| Total Flux | 8913.3 | 100.0 |

POLAR GRAPH

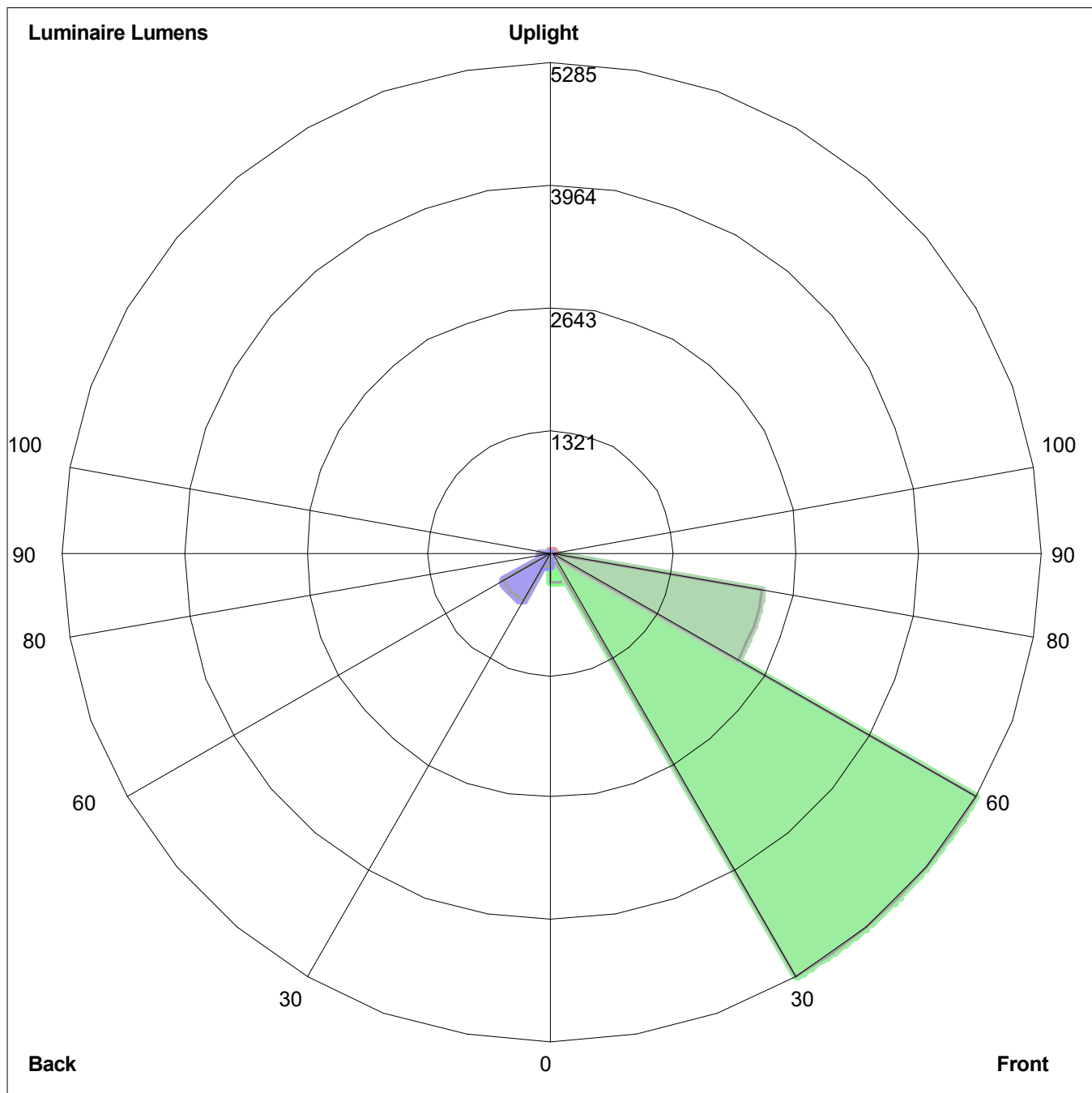


Maximum Candela = 9768 Located At Horizontal Angle = 57.5, Vertical Angle = 60
1 - Vertical Plane Through Horizontal Angles (57.5 - 237.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (60) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=331.0, Medium=5285.2, High=2318.2, Very High=55.3
Back: Low=160.5, Medium=606.5, High=119.3, Very High=13.2
Uplight: Low=6.0, High=18.2

BUG Rating : B1-U2-G2