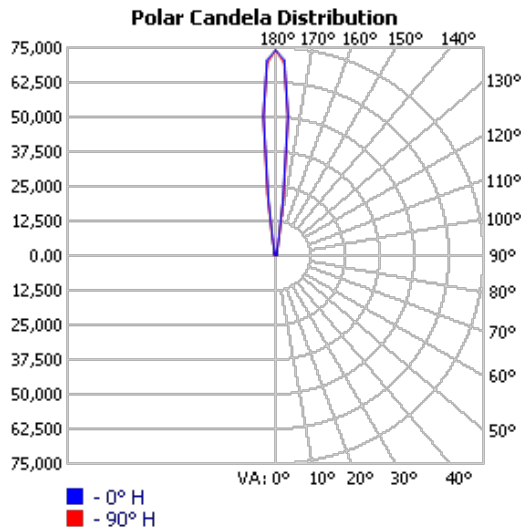


OUTDOOR PHOTOMETRIC REPORT

CATALOG: LA-60002-VN-W40

MANUFACTURER: LIGMAN
TEST #: LIGMAN
TEST LAB: LIGMAN LIGHTING PHOTOMETRIC LABORATORY
CATALOG: LA-60002-VN-W40
DESCRIPTION: LIGHTALK 1 INGROUND LUMINAIRE LED
LAMP: 2X18 LED 4000K 0.3799,0.3706 3990K RA71
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 5121.3, ABSOLUTE PHOTOMETRY *
INPUT WATTAGE: 56.4
LUMINOUS OPENING: RECTANGLE (L: 1.38", W: 47.24")
MAX CD: 74,164.1 AT HORIZONTAL: 0°, VERTICAL: 180°
ROADWAY CLASS: UNCLASSIFIED, UNCLASSIFIED



| ZONAL LUMEN SUMMARY | | |
|---------------------|---------|-------------|
| ZONE | LUMENS | % LUMINAIRE |
| 0-30 | 0.000 | 0% |
| 0-40 | 0.000 | 0% |
| 0-60 | 0.000 | 0% |
| 60-90 | 0.000 | 0% |
| 70-100 | 5.5 | 0.1% |
| 90-120 | 77.2 | 1.5% |
| 0-90 | 0.000 | 0% |
| 90-180 | 5,121.3 | 100% |
| 0-180 | 5,121.3 | 100% |

*TEST BASED ON ABSOLUTE PHOTOMETRY WHERE LAMP LUMENS=LUMENS TOTAL.
*CUTOFF CLASSIFICATION AND EFFICIENCY CANNOT BE PROPERLY CALCULATED FOR ABSOLUTE PHOTOMETRY.
***FILE HAS 0% DOWNLIGHT, SOME SELECTED PLOTS ARE NOT AVAILABLE.

VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2017, ACUITY BRANDS LIGHTING.
THIS PHOTOMETRIC REPORT HAS BEEN GENERATED USING METHODS RECOMMENDED BY THE IESNA. CALCULATIONS ARE BASED ON PHOTOMETRIC DATA PROVIDED BY THE MANUFACTURER, AND THE ACCURACY OF THIS PHOTOMETRIC REPORT IS DEPENDENT ON THE ACCURACY OF THE DATA PROVIDED. END-USER ENVIRONMENT AND APPLICATION (INCLUDING, BUT NOT LIMITED TO, VOLTAGE VARIATION AND DIRT ACCUMULATION) CAN CAUSE ACTUAL PHOTOMETRIC PERFORMANCE TO DIFFER FROM THE PERFORMANCE CALCULATED USING THE DATA PROVIDED BY THE MANUFACTURER. THIS REPORT IS PROVIDED WITHOUT WARRANTY AS TO ACCURACY, COMPLETENESS, RELIABILITY OR OTHERWISE. IN NO EVENT WILL ACUITY BRANDS LIGHTING BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF THIS REPORT.



OUTDOOR PHOTOMETRIC REPORT

CATALOG: LA-60002-VN-W40

LUMENS PER ZONE

| ZONE | LUMENS | % TOTAL | ZONE | LUMENS | % TOTAL |
|-------|--------|---------|---------|---------|---------|
| 0-10 | 0.000 | 0.0% | 90-100 | 5.5 | 0.1% |
| 10-20 | 0.000 | 0.0% | 100-110 | 17.4 | 0.3% |
| 20-30 | 0.000 | 0.0% | 110-120 | 54.2 | 1.1% |
| 30-40 | 0.000 | 0.0% | 120-130 | 143.4 | 2.8% |
| 40-50 | 0.000 | 0.0% | 130-140 | 267.7 | 5.2% |
| 50-60 | 0.000 | 0.0% | 140-150 | 443.8 | 8.7% |
| 60-70 | 0.000 | 0.0% | 150-160 | 456.9 | 8.9% |
| 70-80 | 0.000 | 0.0% | 160-170 | 654.4 | 12.8% |
| 80-90 | 0.000 | 0.0% | 170-180 | 3,077.9 | 60.1% |

ROADWAY SUMMARY**DISTRIBUTION:**UNCLASSIFIED,
UNCLASSIFIED

MAX CD, 90 DEG VERT: 0.9

MAX CD, 80 TO <90 DEG: 0.000

| | LUMENS | % LAMP |
|-----------------------|-----------|---------|
| DOWNWARD STREET SIDE: | 221,064.0 | 4316.6% |
| DOWNWARD HOUSE SIDE: | 221,064.1 | 4316.6% |
| DOWNWARD TOTAL: | 442,128.1 | 8633.2% |
| UPWARD STREET SIDE: | 2,579.9 | 50.4% |
| UPWARD HOUSE SIDE: | 2,579.9 | 50.4% |
| UPWARD TOTAL: | 5,159.9 | 100.8% |
| TOTAL LUMENS: | 447,288.0 | 8733.9% |

LCS TABLE**BUG RATING****B5 - U5 - G5**

| FORWARD LIGHT | LUMENS | LUMENS % |
|-----------------------|----------|----------|
| LOW(0-30): | 29,616.9 | 578.3% |
| MEDIUM(30-60): | 80,915.1 | 1580% |
| HIGH(60-80): | 72,144.6 | 1408.7% |
| VERY HIGH(80-90): | 38,387.4 | 749.6% |
| BACK LIGHT | | |
| LOW(0-30): | 29,616.9 | 578.3% |
| MEDIUM(30-60): | 80,915.1 | 1580% |
| HIGH(60-80): | 72,144.7 | 1408.7% |
| VERY HIGH(80-90): | 38,387.4 | 749.6% |
| UPLIGHT | | |
| LOW(90-100): | 5.5 | 0.1% |
| HIGH(100-180): | 5,154.4 | 100.6% |
| TRAPPED LIGHT: | 0.000 | 0% |

OUTDOOR PHOTOMETRIC REPORT

CATALOG: LA-60002-VN-W40

CANDELA TABLE - TYPE C

| | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 8 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 95 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 4 | 3 | |
| 100 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 7 | 8 | |
| 105 | 22 | 22 | 21 | 21 | 20 | 20 | 19 | 18 | 16 | 15 | 14 | 13 | 12 | 12 | 12 | 14 | 14 | |
| 110 | 26 | 26 | 25 | 25 | 24 | 23 | 22 | 20 | 19 | 18 | 17 | 17 | 17 | 17 | 27 | 36 | 36 | |
| 115 | 29 | 28 | 28 | 27 | 26 | 26 | 25 | 24 | 23 | 23 | 23 | 23 | 23 | 62 | 125 | 127 | 127 | |
| 120 | 35 | 32 | 32 | 32 | 32 | 32 | 30 | 31 | 28 | 29 | 28 | 30 | 74 | 230 | 240 | 239 | 242 | |
| 125 | 39 | 40 | 39 | 38 | 39 | 37 | 38 | 38 | 37 | 38 | 40 | 116 | 343 | 361 | 360 | 358 | 362 | |
| 130 | 44 | 44 | 44 | 42 | 43 | 41 | 42 | 41 | 44 | 54 | 230 | 481 | 490 | 485 | 483 | 480 | 482 | |
| 135 | 52 | 52 | 52 | 51 | 51 | 52 | 57 | 65 | 152 | 479 | 603 | 610 | 612 | 612 | 610 | 610 | 607 | |
| 140 | 75 | 76 | 76 | 77 | 86 | 125 | 292 | 572 | 683 | 691 | 696 | 698 | 701 | 699 | 698 | 698 | 696 | |
| 145 | 454 | 476 | 546 | 647 | 737 | 772 | 781 | 783 | 790 | 799 | 805 | 811 | 810 | 813 | 807 | 811 | 808 | |
| 150 | 861 | 859 | 858 | 857 | 854 | 862 | 862 | 877 | 896 | 909 | 910 | 911 | 911 | 910 | 908 | 907 | 904 | |
| 155 | 934 | 935 | 933 | 935 | 937 | 946 | 952 | 963 | 964 | 966 | 967 | 967 | 965 | 965 | 963 | 963 | 963 | |
| 160 | 1241 | 1245 | 1246 | 1252 | 1254 | 1260 | 1259 | 1260 | 1261 | 1258 | 1256 | 1255 | 1251 | 1250 | 1247 | 1243 | 1240 | 1 |
| 165 | 1782 | 1781 | 1782 | 1781 | 1781 | 1784 | 1784 | 1791 | 1803 | 1811 | 1816 | 1824 | 1830 | 1838 | 1842 | 1848 | 1850 | 1 |
| 170 | 6228 | 6264 | 6280 | 6356 | 6398 | 6512 | 6590 | 6710 | 6797 | 6911 | 6986 | 7081 | 7161 | 7232 | 7283 | 7318 | 7340 | 7 |
| 175 | 50542 | 50536 | 50698 | 50627 | 50782 | 50685 | 50912 | 50821 | 51003 | 50808 | 50821 | 50802 | 50841 | 50744 | 50646 | 50471 | 50432 | 50 |
| 180 | 74164 | 74164 | 74164 | 74164 | 74164 | 74164 | 74164 | 74164 | 74164 | 74164 | 74164 | 74164 | 74164 | 74164 | 74164 | 74164 | 74164 | 74: |