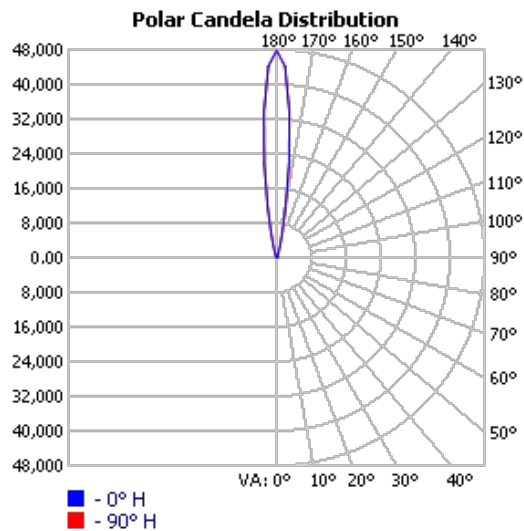


**OUTDOOR PHOTOMETRIC REPORT**

CATALOG: LA-60002-N-W30

MANUFACTURER: LIGMAN  
 TEST #: LIGMAN  
 TEST LAB: LIGMAN LIGHTING PHOTOMETRIC LABORATORY  
 CATALOG: LA-60002-N-W30  
 DESCRIPTION: LIGHTALK 1 INGROUND LUMINAIRE LED  
 LAMP: 2X18 LED 3000K 0.4269,0.3964 3117K RA84  
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 3836.2, **ABSOLUTE PHOTOMETRY \***  
 INPUT WATTAGE: 56.6  
 LUMINOUS OPENING: RECTANGLE (L: 1.38", W: 47.24")  
 MAX CD: 47,821.5 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 | 1.3     | 0%          |
| 90-120 | 25.8    | 0.7%        |
| 0-90   | 0.000   | 0%          |
| 90-180 | 3,836.2 | 100%        |
| 0-180  | 3,836.2 | 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.

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**OUTDOOR PHOTOMETRIC REPORT**

CATALOG: LA-60002-N-W30

**LUMENS PER ZONE**

| ZONE  | LUMENS | % TOTAL | ZONE    | LUMENS  | % TOTAL |
|-------|--------|---------|---------|---------|---------|
| 0-10  | 0.000  | 0.0%    | 90-100  | 1.3     | 0%      |
| 10-20 | 0.000  | 0.0%    | 100-110 | 5.9     | 0.2%    |
| 20-30 | 0.000  | 0.0%    | 110-120 | 18.6    | 0.5%    |
| 30-40 | 0.000  | 0.0%    | 120-130 | 49.6    | 1.3%    |
| 40-50 | 0.000  | 0.0%    | 130-140 | 70.3    | 1.8%    |
| 50-60 | 0.000  | 0.0%    | 140-150 | 64.8    | 1.7%    |
| 60-70 | 0.000  | 0.0%    | 150-160 | 127.6   | 3.3%    |
| 70-80 | 0.000  | 0.0%    | 160-170 | 1,037.3 | 27%     |
| 80-90 | 0.000  | 0.0%    | 170-180 | 2,460.9 | 64.1%   |

**ROADWAY SUMMARY****DISTRIBUTION:**UNCLASSIFIED,  
UNCLASSIFIED

MAX CD, 90 DEG VERT:

0.3

MAX CD, 80 TO &lt;90 DEG:

0.000

LUMENS

% LAMP

DOWNWARD STREET SIDE:

139,182.7

3628.1%

DOWNWARD HOUSE SIDE:

139,182.8

3628.1%

DOWNWARD TOTAL:

278,365.5

7256.2%

UPWARD STREET SIDE:

1,931.5

50.3%

UPWARD HOUSE SIDE:

1,931.5

50.3%

UPWARD TOTAL:

3,863.0

100.7%

TOTAL LUMENS:

282,228.4

7356.9%

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

LUMENS LUMENS %

LOW(0-30): 18,647.0 486.1%

MEDIUM(30-60): 50,944.4 1328%

HIGH(60-80): 45,422.6 1184%

VERY HIGH(80-90): 24,168.8 630%

**BACK LIGHT**

LOW(0-30): 18,647.0 486.1%

MEDIUM(30-60): 50,944.4 1328%

HIGH(60-80): 45,422.6 1184%

VERY HIGH(80-90): 24,168.8 630%

**UPLIGHT**

LOW(90-100): 1.3 0%

HIGH(100-180): 3,861.6 100.7%

**TRAPPED LIGHT:**

0.000 0%

**OUTDOOR PHOTOMETRIC REPORT**

CATALOG: LA-60002-N-W30

**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  | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |     |
| 100 | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 2     | 2     | 2     | 2     | 2     | 2     | 3     | 4     |     |
| 105 | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 3     | 3     | 3     | 3     | 4     | 7     | 9     | 11    |     |
| 110 | 6     | 6     | 5     | 5     | 5     | 5     | 5     | 4     | 4     | 4     | 4     | 7     | 10    | 13    | 18    | 21    | 22    |     |
| 115 | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 6     | 8     | 12    | 15    | 18    | 23    | 32    | 35    | 37    | 38    |     |
| 120 | 9     | 9     | 9     | 10    | 11    | 14    | 17    | 20    | 22    | 24    | 28    | 40    | 52    | 55    | 57    | 59    | 59    |     |
| 125 | 28    | 28    | 28    | 28    | 29    | 29    | 30    | 32    | 36    | 50    | 68    | 78    | 83    | 85    | 86    | 86    | 86    |     |
| 130 | 39    | 39    | 39    | 39    | 40    | 46    | 55    | 68    | 81    | 93    | 100   | 104   | 106   | 108   | 109   | 110   | 109   |     |
| 135 | 70    | 70    | 71    | 73    | 76    | 79    | 84    | 90    | 97    | 102   | 105   | 107   | 108   | 111   | 112   | 112   | 112   |     |
| 140 | 74    | 74    | 75    | 76    | 78    | 81    | 85    | 89    | 92    | 95    | 98    | 100   | 101   | 102   | 103   | 103   | 103   |     |
| 145 | 89    | 89    | 89    | 89    | 90    | 92    | 94    | 96    | 99    | 103   | 105   | 106   | 107   | 108   | 108   | 108   | 108   |     |
| 150 | 123   | 123   | 122   | 122   | 122   | 123   | 125   | 128   | 132   | 134   | 134   | 135   | 136   | 136   | 136   | 136   | 137   |     |
| 155 | 214   | 213   | 214   | 214   | 217   | 219   | 223   | 227   | 231   | 232   | 232   | 230   | 228   | 224   | 223   | 220   | 220   |     |
| 160 | 657   | 660   | 672   | 687   | 706   | 728   | 747   | 764   | 778   | 778   | 774   | 762   | 743   | 721   | 701   | 680   | 665   |     |
| 165 | 2977  | 2975  | 2990  | 3013  | 3033  | 3059  | 3072  | 3096  | 3119  | 3128  | 3123  | 3109  | 3095  | 3074  | 3057  | 3027  | 3011  | 2   |
| 170 | 11802 | 11821 | 11837 | 11861 | 11887 | 11915 | 11943 | 11987 | 12023 | 12057 | 12090 | 12114 | 12154 | 12183 | 12181 | 12193 | 12185 | 12  |
| 175 | 33571 | 33686 | 33676 | 33747 | 33703 | 33807 | 33763 | 33807 | 33862 | 33906 | 34010 | 33862 | 34115 | 34005 | 34082 | 33912 | 34043 | 33  |
| 180 | 47822 | 47822 | 47822 | 47822 | 47822 | 47822 | 47822 | 47822 | 47822 | 47822 | 47822 | 47822 | 47822 | 47822 | 47822 | 47822 | 47822 | 471 |