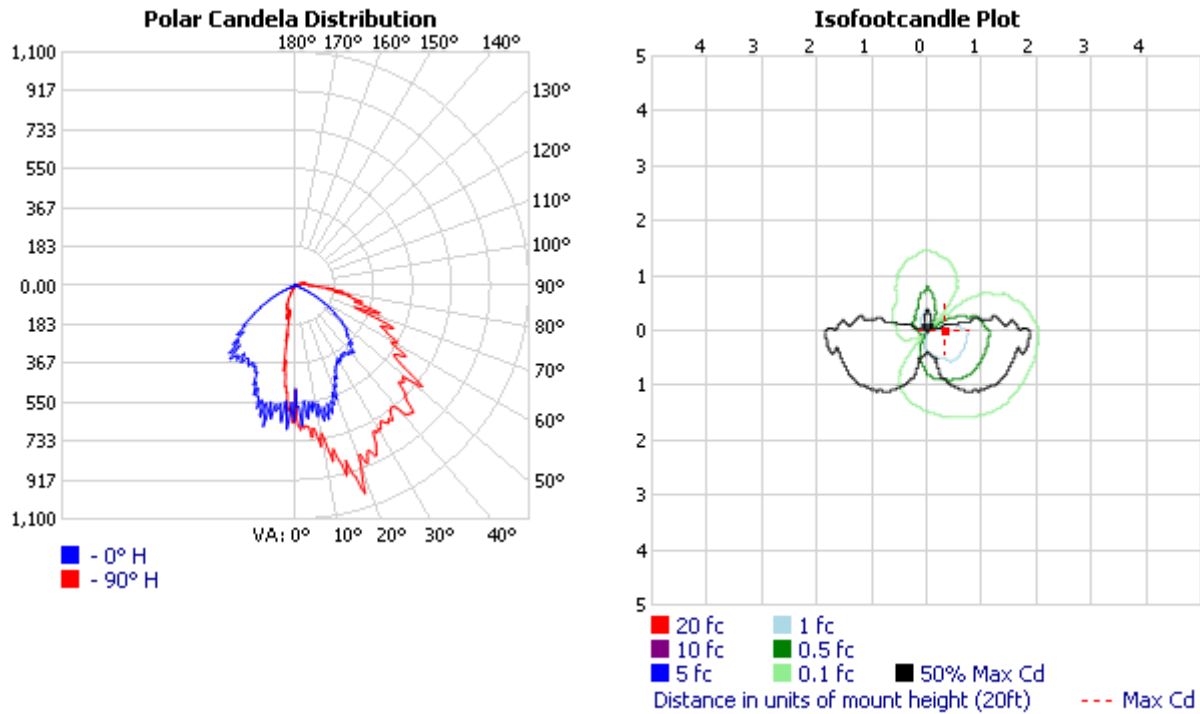


OUTDOOR PHOTOMETRIC REPORT

CATALOG: WP-17-5000K

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS  
DESCRIPTION: WP-17-5000K  
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 1162.1  
INPUT WATTAGE: 17.1  
LUMINOUS OPENING: POINT  
MAX CD: 1,033.5 AT HORIZONTAL: 90°, VERTICAL: 18.5°  
CUTOFF CLASS: NONCUTOFF  
ROADWAY CLASS: VERY SHORT, TYPE II  
EFFICIENCY: 100%



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**OUTDOOR PHOTOMETRIC REPORT**

CATALOG: WP-17-5000K

**ZONAL LUMEN SUMMARY**

| ZONE   | LUMENS  | % LAMP | % LUMINAIRE |
|--------|---------|--------|-------------|
| 0-30   | 311.0   | 26.8%  | 26.8%       |
| 0-40   | 503.3   | 43.3%  | 43.3%       |
| 0-60   | 901.4   | 77.6%  | 77.6%       |
| 60-90  | 230.0   | 19.8%  | 19.8%       |
| 70-100 | 121.5   | 10.5%  | 10.5%       |
| 90-120 | 25.4    | 2.2%   | 2.2%        |
| 0-90   | 1,131.4 | 97.4%  | 97.4%       |
| 90-180 | 30.7    | 2.6%   | 2.6%        |
| 0-180  | 1,162.1 | 100%   | 100%        |

**LUMENS PER ZONE**

| ZONE  | LUMENS | % TOTAL | ZONE    | LUMENS | % TOTAL |
|-------|--------|---------|---------|--------|---------|
| 0-10  | 40.9   | 3.5%    | 90-100  | 13.5   | 1.2%    |
| 10-20 | 114.4  | 9.8%    | 100-110 | 8.0    | 0.7%    |
| 20-30 | 155.7  | 13.4%   | 110-120 | 4.0    | 0.3%    |
| 30-40 | 192.3  | 16.5%   | 120-130 | 1.8    | 0.2%    |
| 40-50 | 213.5  | 18.4%   | 130-140 | 1.6    | 0.1%    |
| 50-60 | 184.6  | 15.9%   | 140-150 | 0.8    | 0.1%    |
| 60-70 | 122.0  | 10.5%   | 150-160 | 0.6    | 0.1%    |
| 70-80 | 73.8   | 6.3%    | 160-170 | 0.3    | 0%      |
| 80-90 | 34.2   | 2.9%    | 170-180 | 0.1    | 0%      |

**ROADWAY SUMMARY**

CUTOFF CLASSIFICATION: NONCUTOFF

DISTRIBUTION: TYPE II, VERY SHORT

MAX CD, 90 DEG VERT: 77.8

MAX CD, 80 TO &lt;90 DEG: 259.0

|                       | LUMENS  | % LAMP |
|-----------------------|---------|--------|
| DOWNWARD STREET SIDE: | 711.8   | 61.2%  |
| DOWNWARD HOUSE SIDE:  | 419.4   | 36.1%  |
| DOWNWARD TOTAL:       | 1,131.2 | 97.3%  |
| UPWARD STREET SIDE:   | 18.1    | 1.6%   |
| UPWARD HOUSE SIDE:    | 12.6    | 1.1%   |
| UPWARD TOTAL:         | 30.7    | 2.6%   |
| TOTAL LUMENS:         | 1,161.9 | 100%   |

**LCS TABLE****BUG RATING****B1 - U2 - G1****FORWARD LIGHT**

|                   | LUMENS | LUMENS % |
|-------------------|--------|----------|
| LOW(0-30):        | 181.1  | 15.6%    |
| MEDIUM(30-60):    | 376.3  | 32.4%    |
| HIGH(60-80):      | 132.2  | 11.4%    |
| VERY HIGH(80-90): | 22.1   | 1.9%     |

**BACK LIGHT**

|                   |       |       |
|-------------------|-------|-------|
| LOW(0-30):        | 129.6 | 11.2% |
| MEDIUM(30-60):    | 214.1 | 18.4% |
| HIGH(60-80):      | 63.6  | 5.5%  |
| VERY HIGH(80-90): | 12.1  | 1%    |

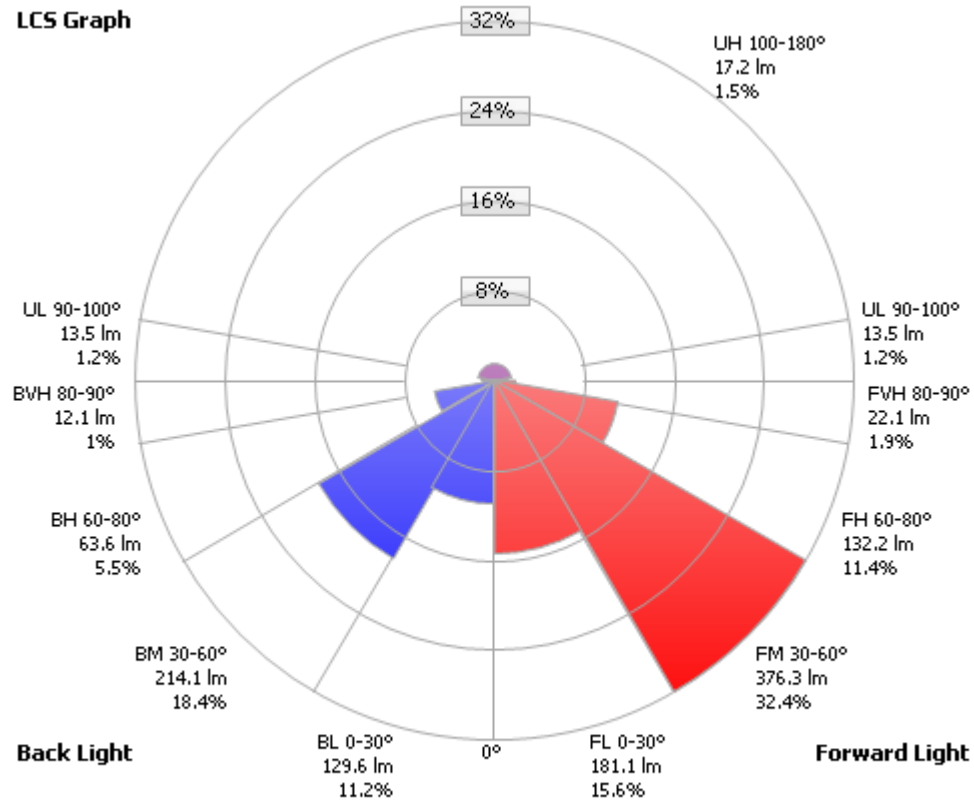
**UPLIGHT**

|                |      |      |
|----------------|------|------|
| LOW(90-100):   | 13.5 | 1.2% |
| HIGH(100-180): | 17.2 | 1.5% |

**TRAPPED LIGHT:** 0.2 0%

# **OUTDOOR PHOTOMETRIC REPORT** **CATALOG: WP-17-5000K**

**LCS Graph**



**Back Light**

**Forward Light**

Scale = Max LCS %

Trapped Light: 0.2lm, 0%

**OUTDOOR PHOTOMETRIC REPORT**  
 CATALOG: WP-17-5000K

**CANDELA TABLE - TYPE C**

|     | 0   | 45  | 90  | 135 | 180 | 225 | 270 | 315 | 360 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0   | 489 | 489 | 489 | 489 | 489 | 489 | 489 | 489 | 489 |
| 5   | 622 | 640 | 667 | 0   | 550 | 634 | 505 | 0   | 622 |
| 10  | 614 | 653 | 708 | 0   | 586 | 345 | 268 | 0   | 614 |
| 15  | 575 | 765 | 927 | 0   | 641 | 340 | 126 | 0   | 575 |
| 20  | 569 | 815 | 901 | 0   | 519 | 174 | 117 | 0   | 569 |
| 25  | 442 | 736 | 885 | 0   | 446 | 106 | 88  | 0   | 442 |
| 30  | 396 | 688 | 779 | 0   | 431 | 137 | 47  | 0   | 396 |
| 35  | 392 | 758 | 765 | 0   | 437 | 112 | 19  | 0   | 392 |
| 40  | 405 | 697 | 770 | 0   | 430 | 70  | 13  | 0   | 405 |
| 45  | 364 | 682 | 731 | 0   | 409 | 30  | 5   | 0   | 364 |
| 50  | 308 | 640 | 677 | 0   | 359 | 13  | 2   | 0   | 308 |
| 55  | 228 | 545 | 565 | 0   | 250 | 9   | 2   | 0   | 228 |
| 60  | 135 | 460 | 538 | 0   | 162 | 6   | 0   | 0   | 135 |
| 65  | 63  | 363 | 448 | 0   | 88  | 4   | 0   | 0   | 63  |
| 70  | 20  | 298 | 298 | 0   | 28  | 4   | 0   | 0   | 20  |
| 75  | 10  | 234 | 287 | 0   | 15  | 3   | 0   | 0   | 10  |
| 80  | 8   | 150 | 259 | 0   | 10  | 2   | 0   | 0   | 8   |
| 85  | 5   | 71  | 161 | 0   | 8   | 2   | 0   | 0   | 5   |
| 90  | 4   | 40  | 78  | 0   | 6   | 2   | 0   | 0   | 4   |
| 95  | 3   | 31  | 56  | 0   | 5   | 3   | 0   | 0   | 3   |
| 100 | 2   | 20  | 49  | 0   | 3   | 2   | 0   | 0   | 2   |
| 105 | 2   | 8   | 44  | 0   | 3   | 2   | 2   | 0   | 2   |
| 110 | 2   | 9   | 30  | 0   | 1   | 1   | 1   | 0   | 2   |
| 115 | 1   | 9   | 18  | 0   | 2   | 1   | 1   | 0   | 1   |
| 120 | 1   | 3   | 11  | 0   | 1   | 1   | 2   | 0   | 1   |
| 125 | 1   | 2   | 6   | 0   | 1   | 1   | 2   | 0   | 1   |
| 130 | 1   | 2   | 13  | 0   | 3   | 2   | 2   | 0   | 1   |
| 135 | 2   | 1   | 8   | 0   | 1   | 2   | 2   | 0   | 2   |
| 140 | 1   | 0   | 6   | 0   | 1   | 2   | 4   | 0   | 1   |
| 145 | 2   | 0   | 3   | 0   | 1   | 2   | 2   | 0   | 2   |
| 150 | 2   | 0   | 2   | 0   | 1   | 2   | 4   | 0   | 2   |
| 155 | 4   | 0   | 1   | 0   | 2   | 2   | 2   | 0   | 4   |
| 160 | 1   | 0   | 0   | 0   | 1   | 2   | 4   | 0   | 1   |
| 165 | 1   | 0   | 2   | 0   | 1   | 2   | 3   | 0   | 1   |
| 170 | 3   | 1   | 2   | 0   | 1   | 2   | 3   | 0   | 3   |
| 175 | 3   | 1   | 1   | 0   | 1   | 1   | 3   | 0   | 3   |
| 180 | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   |