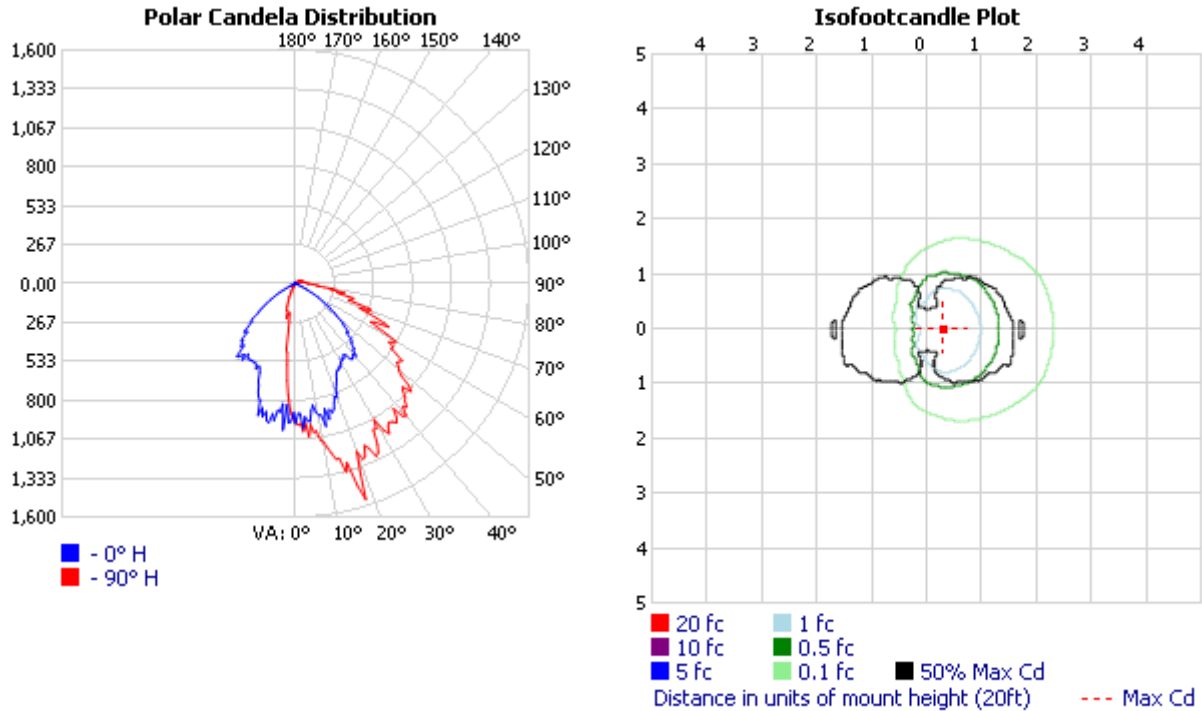


OUTDOOR PHOTOMETRIC REPORT

CATALOG: WP-25-4000K

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST #: RSZ150804506-10
TEST LAB: BACL
TEST DATE: 2015-08-06
DESCRIPTION: WP-25-4000K
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 2129.3
INPUT WATTAGE: 25.1
LUMINOUS OPENING: POINT
MAX CD: 1,556.7 AT HORIZONTAL: 90°, VERTICAL: 18°
CUTOFF CLASS: SEMICUTOFF
ROADWAY CLASS: VERY SHORT, TYPE I
EFFICIENCY: 99.9%



VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2018, ACUITY BRANDS LIGHTING.
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OUTDOOR PHOTOMETRIC REPORT
 CATALOG: WP-25-4000K

ZONAL LUMEN SUMMARY

| ZONE | LUMENS | % LAMP | % LUMINAIRE |
|--------|---------|--------|-------------|
| 0-30 | 616.3 | 28.9% | 29% |
| 0-40 | 993.2 | 46.6% | 46.7% |
| 0-60 | 1,692.2 | 79.5% | 79.5% |
| 60-90 | 372.5 | 17.5% | 17.5% |
| 70-100 | 185.7 | 8.7% | 8.7% |
| 90-120 | 46.5 | 2.2% | 2.2% |
| 0-90 | 2,064.7 | 97% | 97% |
| 90-180 | 63.3 | 3% | 3% |
| 0-180 | 2,127.9 | 99.9% | 100% |

LUMENS PER ZONE

| ZONE | LUMENS | % TOTAL | ZONE | LUMENS | % TOTAL |
|-------|--------|---------|---------|--------|---------|
| 0-10 | 80.0 | 3.8% | 90-100 | 21.1 | 1% |
| 10-20 | 228.2 | 10.7% | 100-110 | 14.9 | 0.7% |
| 20-30 | 308.2 | 14.5% | 110-120 | 10.5 | 0.5% |
| 30-40 | 376.9 | 17.7% | 120-130 | 7.1 | 0.3% |
| 40-50 | 384.9 | 18.1% | 130-140 | 4.8 | 0.2% |
| 50-60 | 314.1 | 14.8% | 140-150 | 2.8 | 0.1% |
| 60-70 | 207.8 | 9.8% | 150-160 | 1.4 | 0.1% |
| 70-80 | 118.6 | 5.6% | 160-170 | 0.5 | 0% |
| 80-90 | 46.0 | 2.2% | 170-180 | 0.1 | 0% |

ROADWAY SUMMARY

CUTOFF CLASSIFICATION: SEMICUTOFF

DISTRIBUTION: TYPE I, VERY SHORT

MAX CD, 90 DEG VERT: 87.2

MAX CD, 80 TO <90 DEG: 285.7

| | LUMENS | % LAMP |
|-----------------------|---------|--------|
| DOWNWARD STREET SIDE: | 1,036.3 | 48.7% |
| DOWNWARD HOUSE SIDE: | 1,028.6 | 48.3% |
| DOWNWARD TOTAL: | 2,064.9 | 97% |
| UPWARD STREET SIDE: | 31.6 | 1.5% |
| UPWARD HOUSE SIDE: | 31.6 | 1.5% |
| UPWARD TOTAL: | 63.3 | 3% |
| TOTAL LUMENS: | 2,128.2 | 99.9% |

LCS TABLE
BUG RATING
B1 - U2 - G1
FORWARD LIGHT

| | LUMENS | LUMENS % |
|-------------------|--------|----------|
| LOW(0-30): | 310.2 | 14.6% |
| MEDIUM(30-60): | 542.1 | 25.5% |
| HIGH(60-80): | 161.5 | 7.6% |
| VERY HIGH(80-90): | 22.5 | 1.1% |

BACK LIGHT

| | | |
|-------------------|-------|-------|
| LOW(0-30): | 306.1 | 14.4% |
| MEDIUM(30-60): | 534.0 | 25.1% |
| HIGH(60-80): | 165.0 | 7.7% |
| VERY HIGH(80-90): | 23.6 | 1.1% |

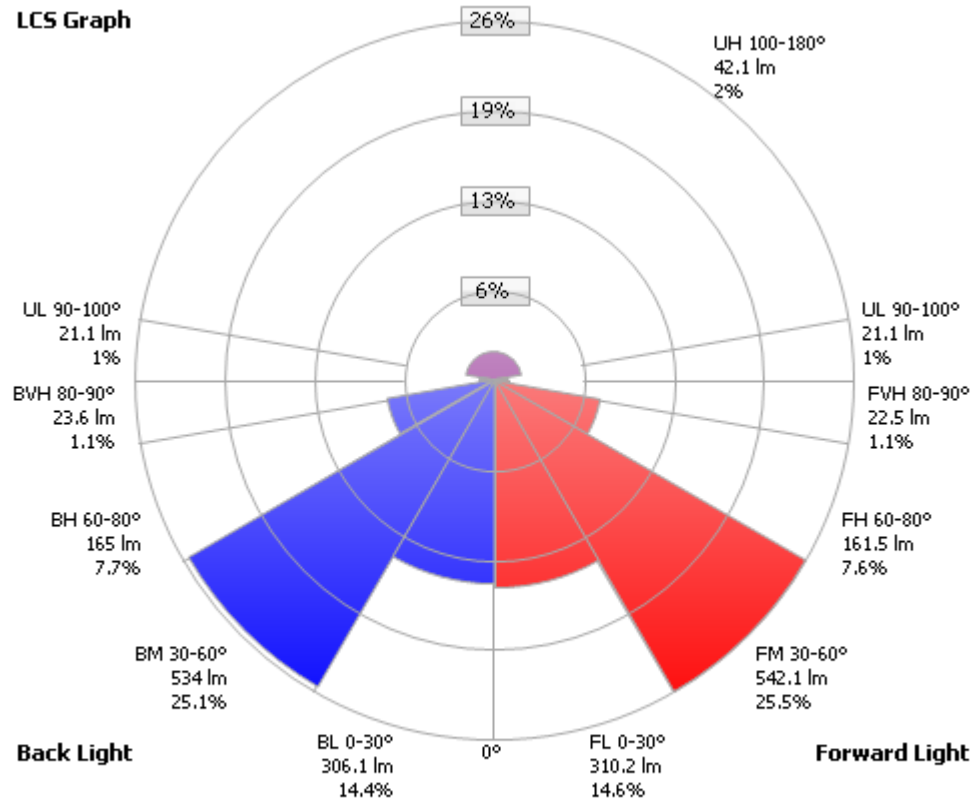
UPLIGHT

| | | |
|----------------|------|----|
| LOW(90-100): | 21.1 | 1% |
| HIGH(100-180): | 42.1 | 2% |

TRAPPED LIGHT: 1.1 0.1%

OUTDOOR PHOTOMETRIC REPORT **CATALOG: WP-25-4000K**

LCS Graph



Back Light

Forward Light

Scale = Max LCS %

Trapped Light: 1.1lm, 0.1%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: WP-25-4000K
CANDELA TABLE - TYPE C

| | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 | 202.5 | 225 | 247.5 | 270 | 292.5 | 315 | 337.5 | 360 |
|-----|-----|------|------|------|------|-------|------|-------|------|-------|-----|-------|-----|-------|-----|-------|-----|
| 0 | 958 | 958 | 958 | 958 | 958 | 958 | 958 | 958 | 958 | 958 | 958 | 958 | 958 | 958 | 958 | 958 | 958 |
| 5 | 943 | 867 | 988 | 954 | 1052 | 903 | 862 | 893 | 1007 | 1010 | 747 | 768 | 668 | 591 | 804 | 872 | 943 |
| 10 | 916 | 933 | 1022 | 1069 | 1101 | 1085 | 971 | 894 | 905 | 958 | 750 | 382 | 250 | 344 | 517 | 825 | 916 |
| 15 | 894 | 839 | 1113 | 1230 | 1336 | 1222 | 1060 | 817 | 879 | 893 | 500 | 200 | 247 | 188 | 423 | 850 | 894 |
| 20 | 829 | 938 | 1238 | 1402 | 1225 | 1199 | 1176 | 884 | 740 | 760 | 253 | 205 | 170 | 210 | 201 | 715 | 829 |
| 25 | 664 | 800 | 1138 | 1220 | 1306 | 1165 | 1021 | 766 | 645 | 523 | 169 | 214 | 102 | 208 | 185 | 461 | 664 |
| 30 | 618 | 913 | 1160 | 1161 | 1076 | 1094 | 1100 | 888 | 607 | 397 | 168 | 149 | 59 | 109 | 172 | 324 | 618 |
| 35 | 597 | 967 | 1129 | 1164 | 1155 | 1127 | 1072 | 902 | 638 | 289 | 109 | 59 | 30 | 45 | 117 | 226 | 597 |
| 40 | 644 | 909 | 1062 | 1124 | 1180 | 1065 | 1012 | 862 | 550 | 238 | 57 | 16 | 16 | 16 | 51 | 184 | 644 |
| 45 | 539 | 774 | 986 | 1004 | 1041 | 1021 | 952 | 748 | 466 | 175 | 23 | 8 | 6 | 8 | 20 | 137 | 539 |
| 50 | 423 | 660 | 855 | 934 | 921 | 917 | 837 | 650 | 395 | 110 | 12 | 5 | 6 | 5 | 11 | 91 | 423 |
| 55 | 284 | 525 | 705 | 867 | 845 | 832 | 701 | 509 | 264 | 50 | 8 | 5 | 4 | 4 | 7 | 51 | 284 |
| 60 | 146 | 375 | 588 | 746 | 794 | 746 | 581 | 384 | 149 | 20 | 6 | 3 | 2 | 2 | 5 | 20 | 146 |
| 65 | 50 | 240 | 463 | 632 | 704 | 635 | 466 | 265 | 59 | 12 | 5 | 2 | 2 | 2 | 4 | 12 | 50 |
| 70 | 20 | 142 | 302 | 474 | 525 | 447 | 305 | 164 | 23 | 9 | 4 | 1 | 1 | 1 | 3 | 9 | 20 |
| 75 | 12 | 61 | 212 | 377 | 409 | 351 | 237 | 77 | 16 | 8 | 3 | 1 | 1 | 1 | 3 | 8 | 12 |
| 80 | 10 | 31 | 123 | 229 | 286 | 265 | 130 | 35 | 11 | 6 | 3 | 1 | 1 | 1 | 2 | 6 | 10 |
| 85 | 8 | 26 | 57 | 126 | 155 | 129 | 65 | 26 | 8 | 5 | 2 | 1 | 1 | 1 | 2 | 5 | 8 |
| 90 | 7 | 21 | 41 | 67 | 87 | 72 | 42 | 20 | 6 | 4 | 2 | 1 | 1 | 1 | 2 | 3 | 7 |
| 95 | 4 | 17 | 34 | 54 | 73 | 57 | 34 | 17 | 5 | 3 | 1 | 1 | 1 | 1 | 1 | 3 | 4 |
| 100 | 4 | 15 | 28 | 46 | 61 | 47 | 28 | 14 | 4 | 3 | 1 | 1 | 1 | 1 | 2 | 3 | 4 |
| 105 | 4 | 13 | 24 | 40 | 54 | 41 | 24 | 13 | 4 | 2 | 1 | 0 | 1 | 0 | 1 | 2 | 4 |
| 110 | 4 | 11 | 21 | 35 | 45 | 35 | 20 | 11 | 4 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 4 |
| 115 | 3 | 10 | 18 | 30 | 39 | 30 | 17 | 10 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 3 |
| 120 | 3 | 8 | 16 | 26 | 33 | 25 | 15 | 8 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 3 |
| 125 | 3 | 8 | 14 | 22 | 26 | 22 | 14 | 7 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| 130 | 3 | 7 | 13 | 19 | 21 | 19 | 13 | 7 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| 135 | 2 | 6 | 12 | 17 | 17 | 17 | 11 | 6 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 140 | 2 | 6 | 10 | 14 | 14 | 13 | 10 | 6 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 145 | 2 | 5 | 8 | 11 | 12 | 11 | 8 | 5 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 150 | 2 | 4 | 7 | 9 | 10 | 9 | 6 | 4 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 155 | 2 | 3 | 5 | 7 | 8 | 7 | 5 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 160 | 2 | 3 | 4 | 5 | 6 | 5 | 4 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 165 | 2 | 2 | 3 | 3 | 4 | 3 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 170 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 175 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 180 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |