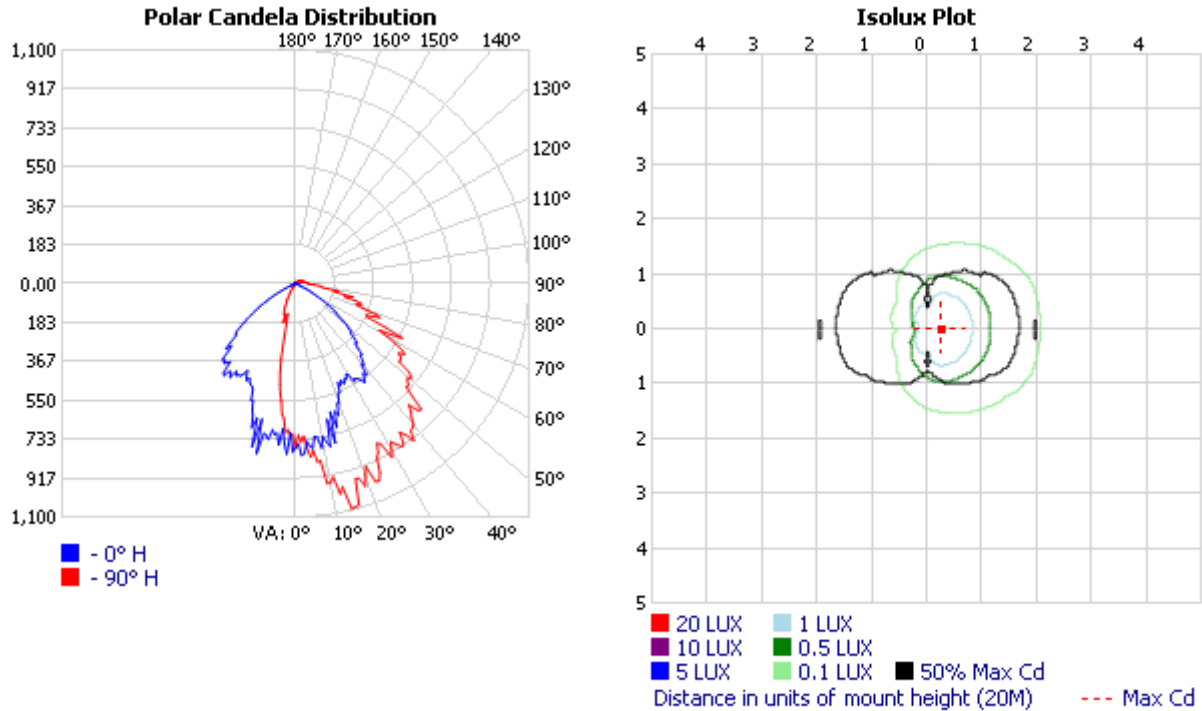


OUTDOOR PHOTOMETRIC REPORT

CATALOG: WP-17-4000K

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS  
TEST #: RSZ150804505-10  
TEST LAB: BACL  
TEST DATE: 2015-08-06  
DESCRIPTION: WP-17-4000K  
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 1688.8  
INPUT WATTAGE: 17.4  
LUMINOUS OPENING: POINT  
MAX CD: 1,092.8 AT HORIZONTAL: 90°, VERTICAL: 14°  
CUTOFF CLASS: SEMICUTOFF  
ROADWAY CLASS: VERY SHORT, TYPE I  
EFFICIENCY: 100%



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**OUTDOOR PHOTOMETRIC REPORT**  
 CATALOG: WP-17-4000K

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	516.8	30.6%	30.6%
0-40	827.2	49%	49%
0-60	1,372.5	81.3%	81.3%
60-90	269.0	15.9%	15.9%
70-100	129.6	7.7%	7.7%
90-120	34.3	2%	2%
0-90	1,641.5	97.2%	97.2%
90-180	46.6	2.8%	2.8%
0-180	1,688.1	100%	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	68.8	4.1%	90-100	15.5	0.9%
10-20	192.3	11.4%	100-110	11.1	0.7%
20-30	255.7	15.1%	110-120	7.8	0.5%
30-40	310.5	18.4%	120-130	5.3	0.3%
40-50	304.2	18.0%	130-140	3.5	0.2%
50-60	241.1	14.3%	140-150	2.0	0.1%
60-70	154.9	9.2%	150-160	1.0	0.1%
70-80	83.4	4.9%	160-170	0.4	0%
80-90	30.7	1.8%	170-180	0.1	0%

**ROADWAY SUMMARY**

CUTOFF CLASSIFICATION: SEMICUTOFF

DISTRIBUTION: TYPE I, VERY SHORT

MAX CD, 90 DEG VERT: 63.2

MAX CD, 80 TO &lt;90 DEG: 202.7

	LUMENS	% LAMP
DOWNWARD STREET SIDE:	801.4	47.5%
DOWNWARD HOUSE SIDE:	840.4	49.8%
DOWNWARD TOTAL:	1,641.8	97.2%
UPWARD STREET SIDE:	23.1	1.4%
UPWARD HOUSE SIDE:	23.5	1.4%
UPWARD TOTAL:	46.6	2.8%
TOTAL LUMENS:	1,688.3	100%

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

	LUMENS	LUMENS %
LOW(0-30):	257.0	15.2%
MEDIUM(30-60):	417.1	24.7%
HIGH(60-80):	112.8	6.7%
VERY HIGH(80-90):	14.6	0.9%

**BACK LIGHT**

LOW(0-30):	259.8	15.4%
MEDIUM(30-60):	438.8	26%
HIGH(60-80):	125.5	7.4%
VERY HIGH(80-90):	16.2	1%

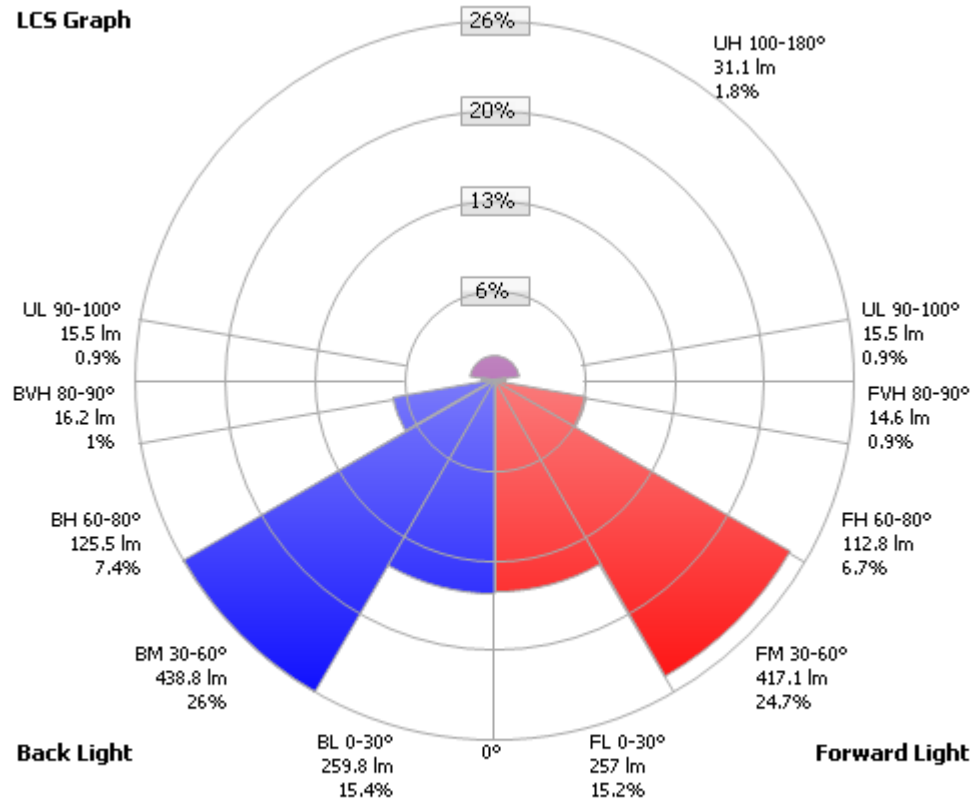
**UPLIGHT**

LOW(90-100):	15.5	0.9%
HIGH(100-180):	31.1	1.8%

**TRAPPED LIGHT:** 0.5 0%

# **OUTDOOR PHOTOMETRIC REPORT** **CATALOG: WP-17-4000K**

**LCS Graph**



**Back Light**

**Forward Light**

Scale = Max LCS %

Trapped Light: 0.5lm, 0%

**OUTDOOR PHOTOMETRIC REPORT**  
 CATALOG: WP-17-4000K

**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	773	773	773	773	773	773	773	773	773	773	773	773	773	773	773	773	773
5	767	719	755	788	819	813	784	782	686	610	716	636	637	739	595	718	767
10	732	817	879	962	949	991	886	774	745	628	527	484	425	428	618	678	732
15	626	682	960	1077	1090	1031	823	890	796	727	529	327	146	247	561	656	626
20	598	783	941	915	958	1053	906	791	587	576	381	135	153	152	347	608	598
25	502	708	863	956	905	987	815	704	513	472	136	167	113	197	142	480	502
30	496	765	907	904	904	940	896	781	492	419	127	170	58	173	127	423	496
35	568	742	843	888	855	931	861	767	540	301	103	80	21	72	100	277	568
40	499	685	798	822	865	849	819	702	480	258	63	28	16	23	60	220	499
45	397	604	719	753	838	793	736	616	448	201	27	8	6	8	24	184	397
50	325	475	617	672	691	717	699	506	369	144	13	5	4	5	12	118	325
55	226	359	503	602	605	591	549	425	255	66	7	4	4	4	7	46	226
60	115	264	407	480	499	497	455	305	144	20	5	3	2	2	5	16	115
65	39	173	317	395	372	454	357	213	56	10	4	2	2	1	4	10	39
70	16	87	248	332	335	391	244	137	21	7	3	1	1	1	3	7	16
75	10	41	170	237	239	281	171	66	13	5	2	1	1	1	2	6	10
80	8	23	82	143	203	170	110	27	9	5	2	1	1	1	2	5	8
85	6	19	38	75	113	78	52	20	6	4	2	1	1	1	2	4	6
90	5	15	29	46	63	52	32	16	5	3	1	1	1	0	1	3	5
95	3	13	24	38	51	41	26	13	4	2	1	0	0	0	1	2	3
100	3	11	20	34	45	36	21	11	3	2	1	0	0	0	1	2	3
105	3	9	18	30	38	31	18	10	3	2	1	0	0	0	1	2	3
110	3	8	15	26	32	26	15	8	3	2	1	0	0	0	1	2	3
115	3	7	13	22	28	22	13	7	2	1	1	0	0	0	1	2	3
120	2	6	12	19	23	19	12	6	2	1	1	0	1	1	1	1	2
125	2	6	11	16	19	17	10	5	2	1	1	1	1	1	1	1	2
130	2	5	10	14	15	15	9	5	2	1	1	1	1	1	1	1	2
135	2	5	8	12	13	13	8	5	2	1	1	1	1	1	1	1	2
140	2	4	7	10	10	10	7	4	2	1	1	1	1	1	1	1	2
145	2	3	6	8	9	8	6	4	1	1	1	1	1	1	1	1	2
150	2	3	5	6	7	6	5	3	1	1	1	1	1	1	1	1	2
155	1	2	4	5	5	5	4	2	1	1	1	1	1	1	1	1	1
160	1	2	3	3	4	3	3	2	1	1	1	1	1	1	1	1	1
165	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
170	1	1	1	1	1	1	1	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