

## OUTDOOR PHOTOMETRIC REPORT

CATALOG: PT-100

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS

TEST LAB: EVERFINE

TEST DATE: 2018-07-16

CATALOG: PT-100

DESCRIPTION:

LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 13237

INPUT WATTAGE: 100

LUMINOUS OPENING: POINT

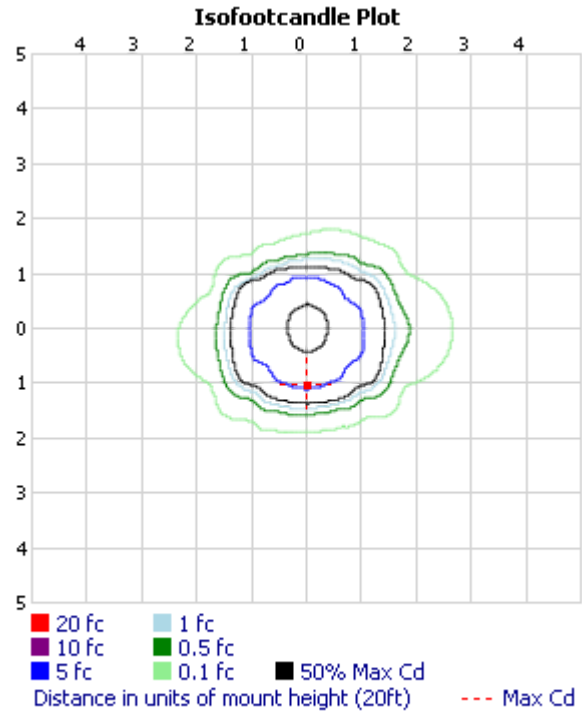
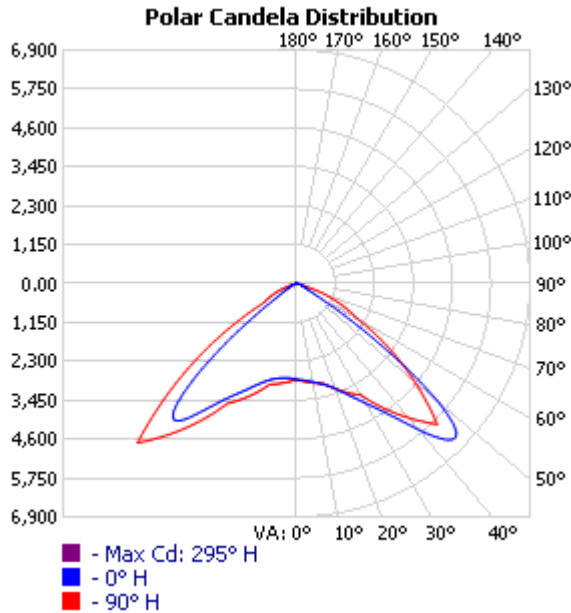
MAX CD: 6,878.9 AT HORIZONTAL: 295°, VERTICAL: 47.5°

CUTOFF CLASS: CUTOFF

ROADWAY CLASS: VERY SHORT, TYPE II

EFFICIENCY: 99.7%

SEE REPORT NOTES \*\*



\*\*FILE DOES NOT INCLUDE SUFFICIENT VERTICAL DATA TO PROPERLY CALCULATE BUG AND LCS UPLIGHT.

\*\*FILE DOES NOT INCLUDE UPPER HEMISPHERE DATA(90-180) AND HAS CD > 0 AT 90° VERTICAL.

VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2019, ACUITY BRANDS LIGHTING.

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VISUAL PHOTOMETRIC TOOL

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**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,852.8	21.6%	21.6%
0-40	5,804.8	43.9%	44%
0-60	12,487.1	94.3%	94.6%
60-90	715.2	5.4%	5.4%
0-90	13,202.3	99.7%	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL
0-10	277.9	2.1%
10-20	883.5	6.7%
20-30	1,691.4	12.8%
30-40	2,952.0	22.4%
40-50	4,260.4	32.3%
50-60	2,422.0	18.3%
60-70	542.6	4.1%
70-80	158.4	1.2%
80-90	14.2	0.1%

**ROADWAY SUMMARY**

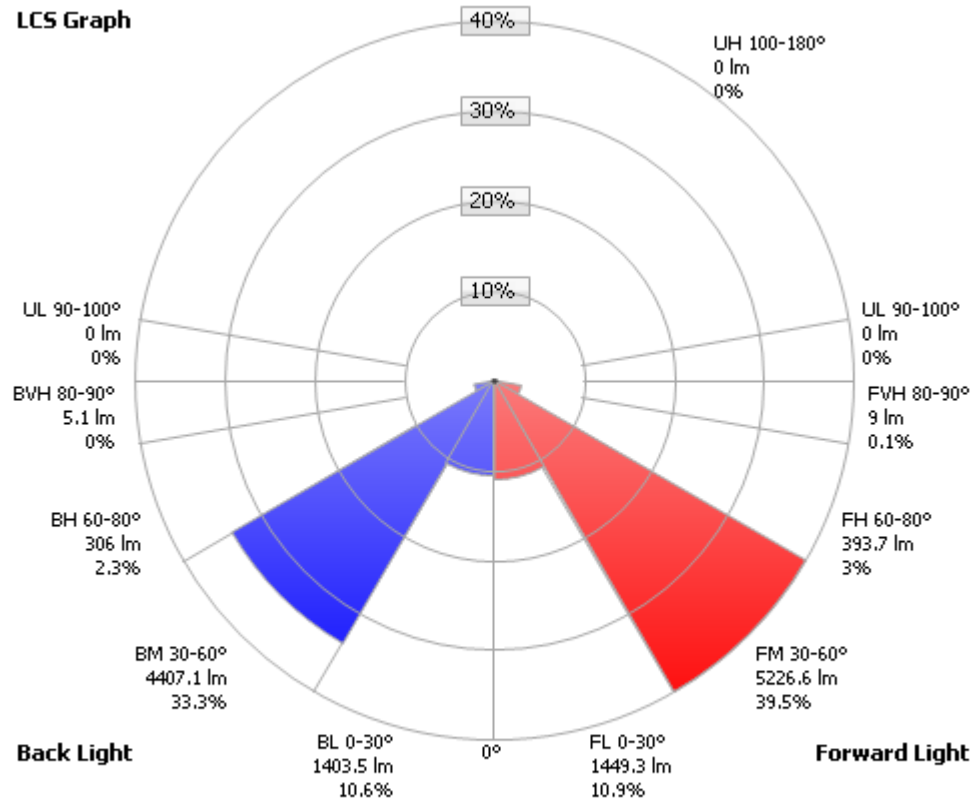
CUTOFF CLASSIFICATION:	CUTOFF	
DISTRIBUTION:	TYPE II, VERY SHORT	
MAX CD, 90 DEG VERT:	2.2	
MAX CD, 80 TO <90 DEG:	110.7	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	7,078.6	53.5%
DOWNWARD HOUSE SIDE:	6,121.6	46.2%
DOWNWARD TOTAL:	13,200.3	99.7%
TOTAL LUMENS:	13,200.3	99.7%

**LCS TABLE**

BUG RATING	B3 - UX - G1	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,449.3	10.9%
MEDIUM(30-60):	5,226.6	39.5%
HIGH(60-80):	393.7	3%
VERY HIGH(80-90):	9.0	0.1%
BACK LIGHT		
LOW(0-30):	1,403.5	10.6%
MEDIUM(30-60):	4,407.1	33.3%
HIGH(60-80):	306.0	2.3%
VERY HIGH(80-90):	5.1	0%
TRAPPED LIGHT:	36.7	0.3%

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**LCS Graph**



**Back Light**

**Forward Light**

Scale = Max LCS %

Trapped Light: 36.7lm, 0.3%

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**CANDELA TABLE - TYPE C**

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	2833	2833	2833	2833	2833	2833	2833	2833	2833	2833	2833	2833	2833
5	2869	2901	2914	2906	2875	2838	2795	2845	2886	2916	2924	2908	2869
10	2959	3010	3004	2979	2939	2899	2835	2925	2965	3000	3032	3028	2959
15	3088	3154	3111	3052	3019	2994	2938	3058	3076	3083	3159	3172	3088
20	3288	3362	3324	3302	3194	3151	3136	3274	3332	3418	3405	3375	3288
25	3631	3657	3650	3551	3481	3378	3444	3584	3730	3752	3768	3647	3631
30	4079	4089	4004	3800	3808	3751	3842	4076	4179	4086	4163	4073	4079
35	4695	4750	4499	4493	4250	4338	4439	4824	4736	4943	4701	4801	4695
40	5652	5597	5276	5185	4915	4965	5272	5409	5331	5799	5541	5712	5652
45	6513	6229	5979	5878	5453	5126	4985	4968	5589	6655	6272	6453	6513
50	5510	5455	6081	4616	5402	3924	2733	2934	5080	4812	6340	5850	5510
55	2481	2859	4006	3354	3508	1901	794	1059	3040	2969	4110	3207	2481
60	578	929	1909	2092	1688	730	348	350	1295	1125	1920	1119	578
65	288	270	436	1445	455	336	210	186	245	793	419	314	288
70	204	182	288	799	296	197	141	130	173	461	286	218	204
75	148	123	169	152	157	116	87	83	106	128	170	157	148
80	84	79	38	0	32	72	46	47	24	0	38	103	84
85	38	0	0	0	0	0	13	0	0	0	0	0	38
90	2	0	0	0	0	0	0	0	0	0	0	0	2