

## OUTDOOR PHOTOMETRIC REPORT

CATALOG: PT-200

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS

TEST LAB: EVERFINE

TEST DATE: 2018-07-28

CATALOG: PT-200

DESCRIPTION:

LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 26122.6

INPUT WATTAGE: 198.5

LUMINOUS OPENING: RECTANGLE W/LUMINOUS SIDES (L: 25.98", W: 11.81", H: 7.87")

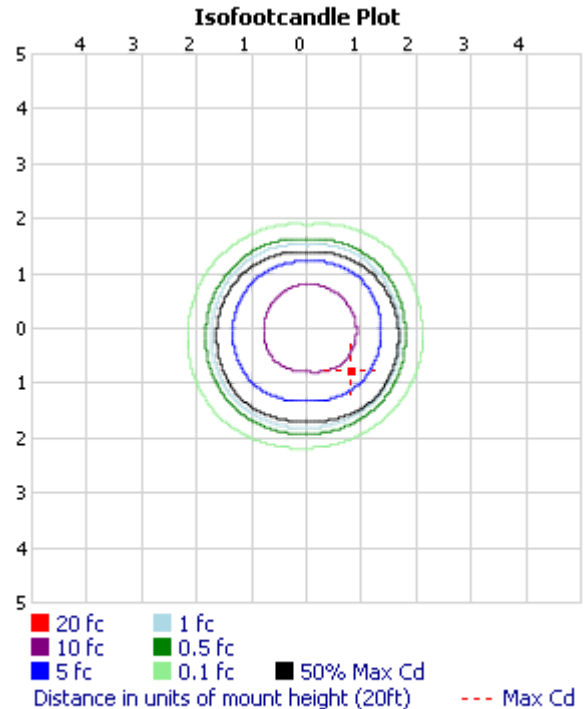
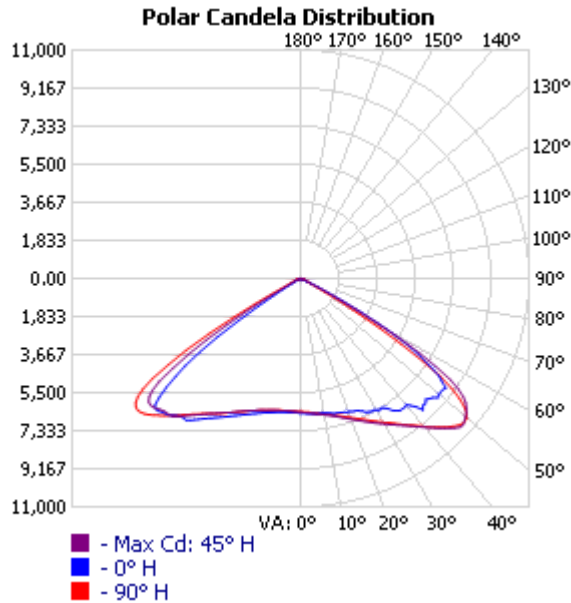
MAX CD: 10,526.6 AT HORIZONTAL: 45°, VERTICAL: 48°

CUTOFF CLASS: CUTOFF

ROADWAY CLASS: TYPE VS

EFFICIENCY: 100%

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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**OUTDOOR PHOTOMETRIC REPORT**  
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**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	5,904.5	22.6%	22.6%
0-40	11,070.4	42.4%	42.4%
0-60	25,039.5	95.9%	95.9%
60-90	1,080.3	4.1%	4.1%
0-90	26,119.8	100%	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL
0-10	618.2	2.4%
10-20	1,906.8	7.3%
20-30	3,379.5	12.9%
30-40	5,165.9	19.8%
40-50	7,323.4	28.0%
50-60	6,645.7	25.4%
60-70	873.5	3.3%
70-80	156.1	0.6%
80-90	50.6	0.2%

**ROADWAY SUMMARY**

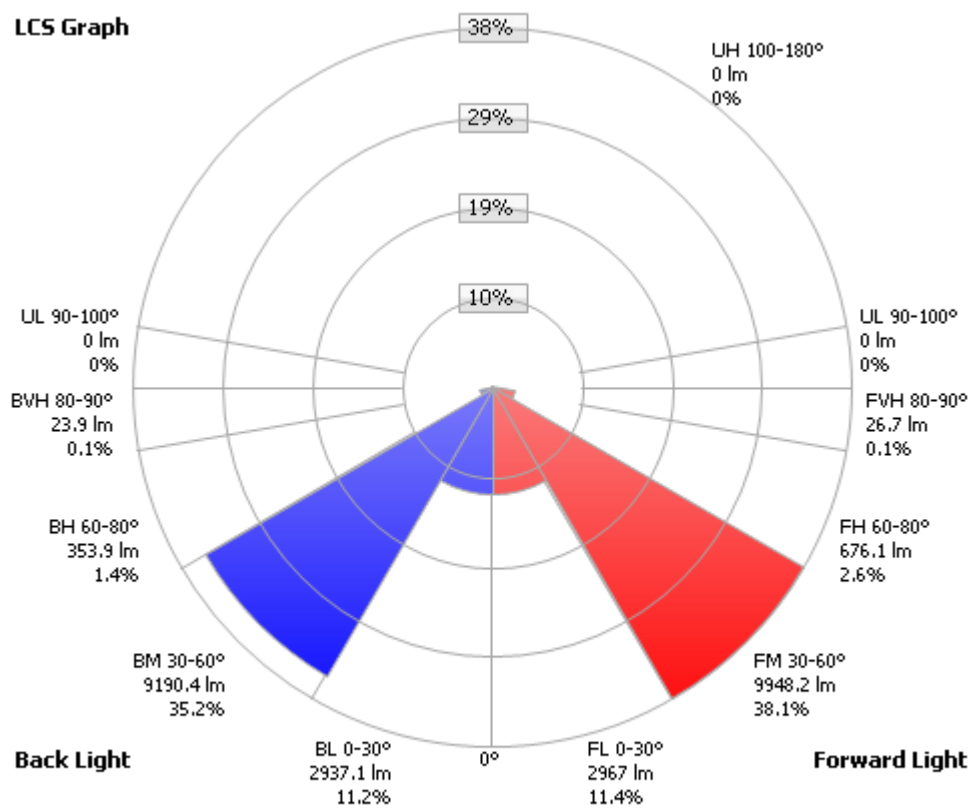
CUTOFF CLASSIFICATION:	CUTOFF
DISTRIBUTION:	TYPE VS
MAX CD, 90 DEG VERT:	36.3
MAX CD, 80 TO <90 DEG:	151.8
	LUMENS % LAMP
DOWNWARD STREET SIDE:	13,618.0 52.1%
DOWNWARD HOUSE SIDE:	12,505.3 47.9%
DOWNWARD TOTAL:	26,123.3 100%
TOTAL LUMENS:	26,123.3 100%

**LCS TABLE**

BUG RATING	B5 - UX - G1	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	2,967.0	11.4%
MEDIUM(30-60):	9,948.2	38.1%
HIGH(60-80):	676.1	2.6%
VERY HIGH(80-90):	26.7	0.1%
BACK LIGHT		
LOW(0-30):	2,937.1	11.2%
MEDIUM(30-60):	9,190.4	35.2%
HIGH(60-80):	353.9	1.4%
VERY HIGH(80-90):	23.9	0.1%
TRAPPED LIGHT:	0.000	0%

**OUTDOOR PHOTOMETRIC REPORT**  
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**LCS Graph**



**Back Light**

**Forward Light**

Scale = Max LCS %

Trapped Light: 0lm, 0%

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**CANDELA TABLE - TYPE C**

	0	45	90	135	180	225	270	315	360
0	6471	6430	6407	6394	6471	6430	6407	6394	6471
5	6530	6515	6475	6415	6467	6397	6386	6421	6530
10	6566	6654	6604	6505	6536	6432	6428	6503	6566
15	6703	6884	6824	6677	6684	6547	6549	6663	6703
20	6815	7207	7122	6932	6927	6752	6766	6921	6815
25	7033	7612	7508	7283	7267	7066	7074	7242	7033
30	7303	8082	7993	7730	7704	7463	7478	7661	7303
35	7752	8629	8572	8271	8244	7956	7932	8135	7752
40	7923	9341	9296	9011	8766	8621	8549	8751	7923
45	8504	10173	10097	9930	9202	9123	9318	9555	8504
50	8686	10371	10436	10384	8898	9460	10028	10327	8686
55	8122	9277	8245	7661	4907	7508	9281	10016	8122
60	4344	4181	2323	1780	735	2023	3726	5763	4344
65	560	522	462	475	275	428	580	841	560
70	178	253	247	231	136	191	306	375	178
75	83	125	186	153	71	109	195	191	83
80	41	80	110	96	50	56	152	144	41
85	13	36	48	35	44	24	62	80	13
90	8	12	10	10	36	7	21	23	8