

## OUTDOOR PHOTOMETRIC REPORT

CATALOG: PT-150

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS

TEST LAB: EVERFINE

TEST DATE: 2018-07-14

CATALOG: PT-150

DESCRIPTION:

LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 20222.8

INPUT WATTAGE: 151.3

LUMINOUS OPENING: POINT

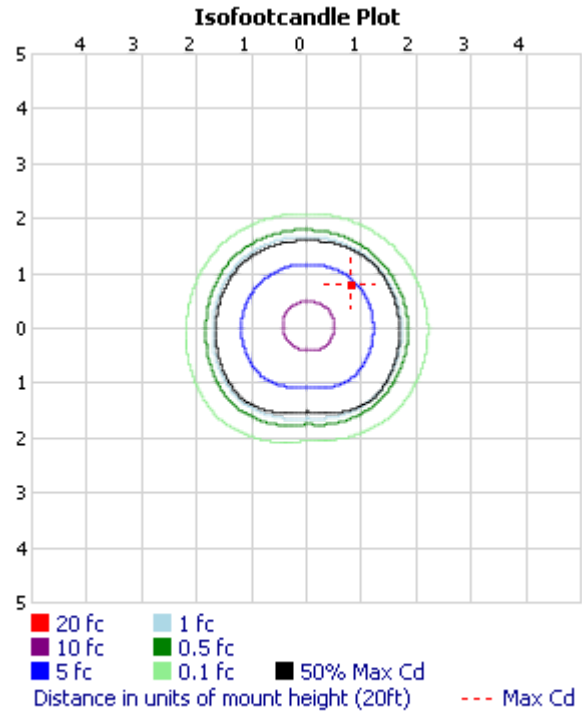
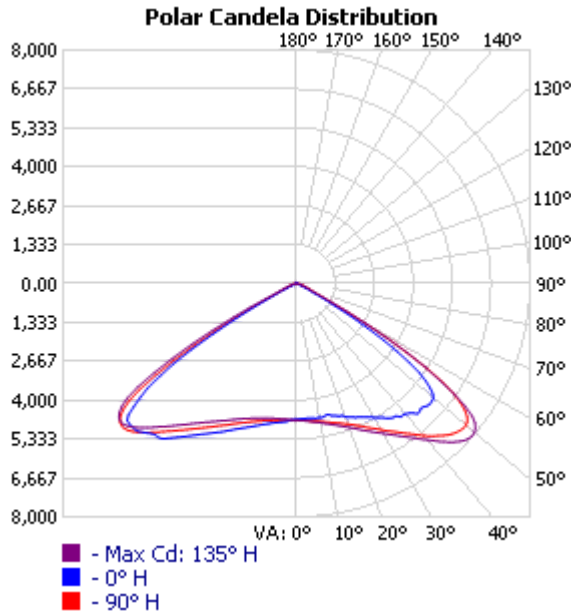
MAX CD: 7,961.7 AT HORIZONTAL: 135°, VERTICAL: 49°

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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**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	4,334.8	21.4%	21.4%
0-40	8,191.0	40.5%	40.5%
0-60	19,082.5	94.4%	94.4%
60-90	1,138.1	5.6%	5.6%
0-90	20,220.6	100%	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL
0-10	450.9	2.2%
10-20	1,393.7	6.9%
20-30	2,490.2	12.3%
30-40	3,856.2	19.1%
40-50	5,527.5	27.3%
50-60	5,364.0	26.5%
60-70	911.3	4.5%
70-80	169.8	0.8%
80-90	57.1	0.3%

**ROADWAY SUMMARY**

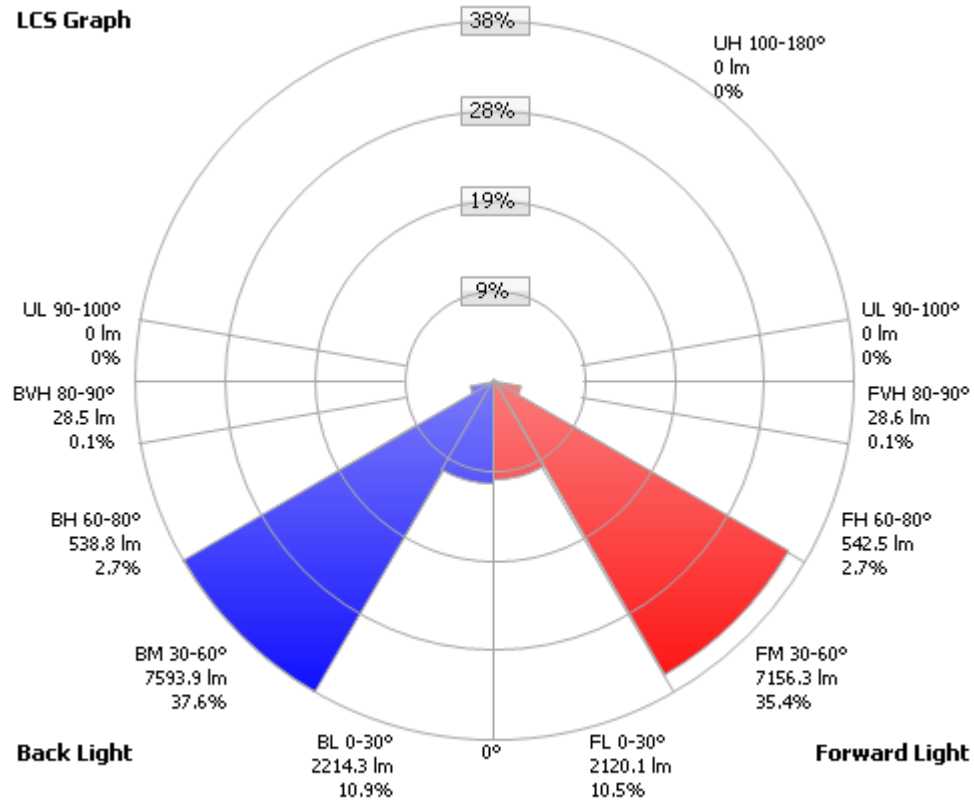
CUTOFF CLASSIFICATION:	CUTOFF
DISTRIBUTION:	TYPE VS
MAX CD, 90 DEG VERT:	24.3
MAX CD, 80 TO <90 DEG:	139.6
	LUMENS % LAMP
DOWNWARD STREET SIDE:	9,847.5 48.7%
DOWNWARD HOUSE SIDE:	10,375.7 51.3%
DOWNWARD TOTAL:	20,223.2 100%
TOTAL LUMENS:	20,223.2 100%

**LCS TABLE**

BUG RATING	B4 - UX - G1	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	2,120.1	10.5%
MEDIUM(30-60):	7,156.3	35.4%
HIGH(60-80):	542.5	2.7%
VERY HIGH(80-90):	28.6	0.1%
BACK LIGHT		
LOW(0-30):	2,214.3	10.9%
MEDIUM(30-60):	7,593.9	37.6%
HIGH(60-80):	538.8	2.7%
VERY HIGH(80-90):	28.5	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	4647	4692	4693	4679	4647	4692	4693	4679	4647
5	4628	4688	4719	4734	4749	4726	4704	4662	4628
10	4663	4733	4799	4841	4852	4813	4758	4685	4663
15	4684	4844	4932	5013	5021	4962	4876	4775	4684
20	4846	5019	5122	5243	5255	5189	5057	4917	4846
25	5037	5285	5404	5555	5555	5487	5317	5143	5037
30	5296	5639	5778	5926	5920	5842	5650	5444	5296
35	5626	6065	6235	6398	6363	6275	6065	5827	5626
40	5821	6586	6803	6989	6922	6846	6586	6334	5821
45	6028	7239	7334	7668	7238	7496	7214	6965	6028
50	6122	7639	7564	7946	7475	7744	7713	7581	6122
55	4706	6679	6572	6592	6239	6909	7011	7313	4706
60	1510	3140	2764	2746	2536	3510	3166	4133	1510
65	319	609	594	570	453	634	617	845	319
70	118	282	323	300	210	309	324	369	118
75	42	149	195	172	83	155	196	191	42
80	8	97	131	125	22	105	135	140	8
85	5	45	77	56	16	47	80	73	5
90	4	13	22	14	14	16	23	24	4