

OUTDOOR PHOTOMETRIC REPORT

CATALOG: PT-300

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS

TEST LAB: EVERFINE

TEST DATE: 2018-08-07

CATALOG: PT-300

DESCRIPTION:

LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 39079.3

INPUT WATTAGE: 296.1

LUMINOUS OPENING: POINT

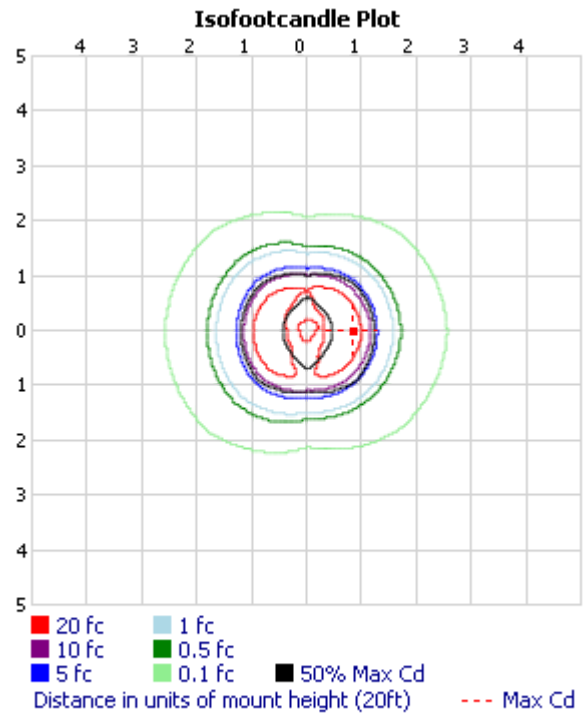
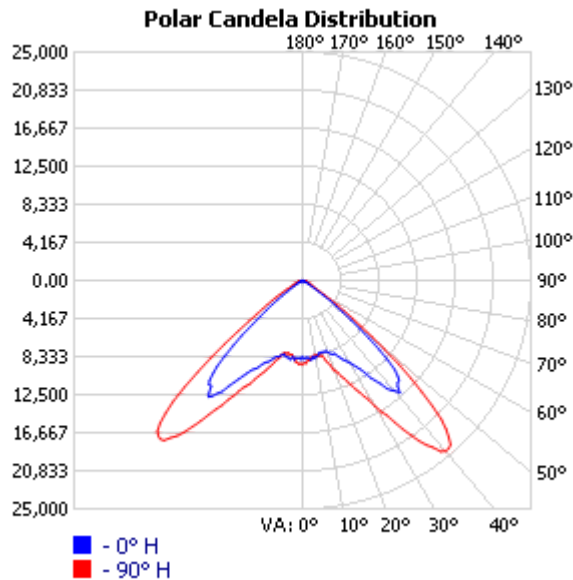
MAX CD: 24,346.5 AT HORIZONTAL: 90°, VERTICAL: 41°

CUTOFF CLASS: CUTOFF

ROADWAY CLASS: VERY SHORT, TYPE II

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	8,490.8	21.7%	21.7%
0-40	19,306.5	49.4%	49.4%
0-60	37,486.2	95.9%	95.9%
60-90	1,588.8	4.1%	4.1%
0-90	39,075.0	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL
0-10	819.6	2.1%
10-20	2,428.0	6.2%
20-30	5,243.1	13.4%
30-40	10,815.7	27.7%
40-50	13,654.0	34.9%
50-60	4,525.7	11.6%
60-70	935.0	2.4%
70-80	455.4	1.2%
80-90	198.4	0.5%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION: CUTOFF

DISTRIBUTION: TYPE II, VERY SHORT

MAX CD, 90 DEG VERT: 168.1

MAX CD, 80 TO <90 DEG: 425.0

	LUMENS	% LAMP
DOWNWARD STREET SIDE:	19,755.1	50.6%
DOWNWARD HOUSE SIDE:	19,324.7	49.5%
DOWNWARD TOTAL:	39,079.8	100%
TOTAL LUMENS:	39,079.8	100%

LCS TABLE

BUG RATING

B5 - UX - G2

FORWARD LIGHT

	LUMENS	LUMENS %
LOW(0-30):	4,229.4	10.8%
MEDIUM(30-60):	14,724.2	37.7%
HIGH(60-80):	703.9	1.8%
VERY HIGH(80-90):	97.6	0.2%

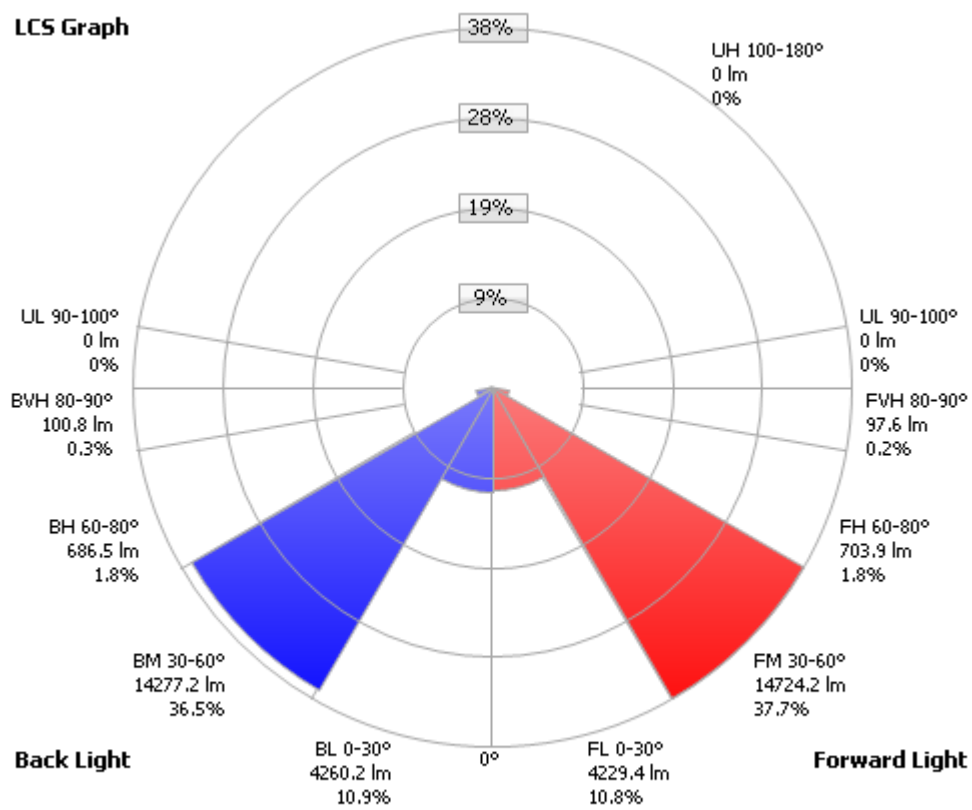
BACK LIGHT

LOW(0-30):	4,260.2	10.9%
MEDIUM(30-60):	14,277.2	36.5%
HIGH(60-80):	686.5	1.8%
VERY HIGH(80-90):	100.8	0.3%

TRAPPED LIGHT: 0.000 0%

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LCS Graph



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CANDELA TABLE - TYPE C

	0	45	90	135	180	225	270	315	360
0	8360	8607	9122	9270	8360	8607	9122	9270	8360
5	8512	8394	8727	9192	8524	8749	8922	8646	8512
10	8410	8199	8375	8916	8573	8694	8259	8287	8410
15	8047	8149	8574	8420	8343	8169	8269	8136	8047
20	8366	9802	10492	9302	8964	8506	9791	9234	8366
25	9122	12083	12614	11906	9938	10127	11583	11055	9122
30	10403	14753	15880	15104	11367	12817	13990	13293	10403
35	12980	18769	20598	19069	14056	16146	17883	16589	12980
40	15758	21949	24318	22236	15914	20264	22404	21193	15758
45	14713	19069	21492	18535	13255	20340	22090	21833	14713
50	8154	11429	11647	10467	6047	12974	13114	14897	8154
55	2737	4296	4608	4341	2035	6079	5267	6500	2737
60	835	1261	1437	1327	778	2344	2379	2690	835
65	486	866	1004	889	476	1019	1120	1089	486
70	289	654	739	674	266	725	803	788	289
75	89	507	491	533	92	525	544	582	89
80	38	320	346	345	43	402	366	425	38
85	20	207	214	226	19	261	238	256	20
90	23	122	63	129	27	168	79	145	23