

OUTDOOR PHOTOMETRIC REPORT

CATALOG: IL4-50

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS

DESCRIPTION: IL4-50

LAMP CATALOG:

LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 5380.6

INPUT WATTAGE: 39.62

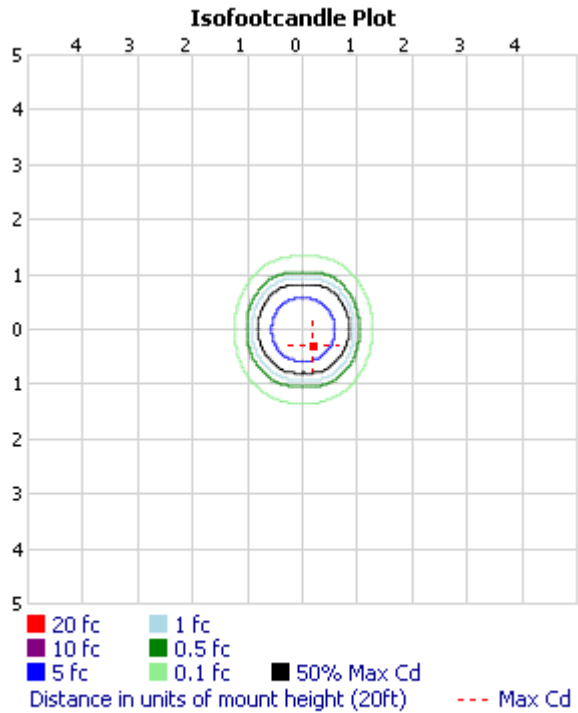
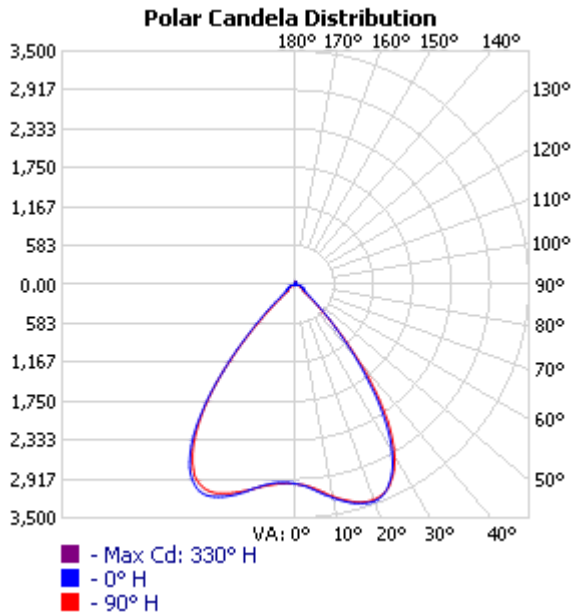
LUMINOUS OPENING: POINT

MAX CD: 3,497.6 AT HORIZONTAL: 330°, VERTICAL: 21°

CUTOFF CLASS: CUTOFF

ROADWAY CLASS: TYPE VS

EFFICIENCY: 100%



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ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,780.4	51.7%	51.7%
0-40	4,313.6	80.2%	80.2%
0-60	5,143.2	95.6%	95.6%
60-90	184.3	3.4%	3.4%
70-100	82.6	1.5%	1.5%
90-120	7.1	0.1%	0.1%
0-90	5,327.5	99%	99%
90-180	52.4	1%	1%
0-180	5,379.9	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	293.3	5.5%	90-100	1.0	0%
10-20	941.0	17.5%	100-110	1.9	0%
20-30	1,546.1	28.7%	110-120	4.2	0.1%
30-40	1,533.1	28.5%	120-130	7.2	0.1%
40-50	679.5	12.6%	130-140	9.4	0.2%
50-60	150.2	2.8%	140-150	10.0	0.2%
60-70	102.7	1.9%	150-160	9.2	0.2%
70-80	64.4	1.2%	160-170	6.9	0.1%
80-90	17.2	0.3%	170-180	2.6	0%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	CUTOFF
DISTRIBUTION:	TYPE VS
MAX CD, 90 DEG VERT:	3.1
MAX CD, 80 TO <90 DEG:	47.8
	LUMENS % LAMP
DOWNWARD STREET SIDE:	2,597.6 48.3%
DOWNWARD HOUSE SIDE:	2,730.6 50.7%
DOWNWARD TOTAL:	5,328.2 99%
UPWARD STREET SIDE:	26.5 0.5%
UPWARD HOUSE SIDE:	25.9 0.5%
UPWARD TOTAL:	52.4 1%
TOTAL LUMENS:	5,380.6 100%

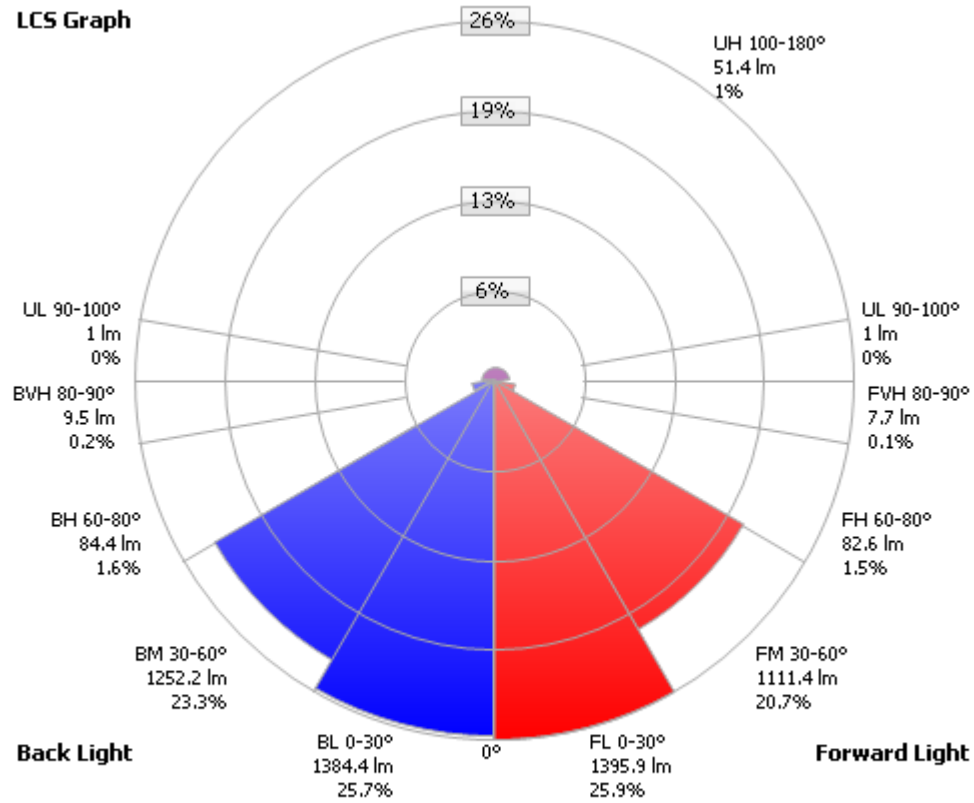
LCS TABLE

BUG RATING	B3 - U3 - G0
FORWARD LIGHT	LUMENS LUMENS %
LOW(0-30):	1,395.9 25.9%
MEDIUM(30-60):	1,111.4 20.7%
HIGH(60-80):	82.6 1.5%
VERY HIGH(80-90):	7.7 0.1%
BACK LIGHT	
LOW(0-30):	1,384.4 25.7%
MEDIUM(30-60):	1,252.2 23.3%
HIGH(60-80):	84.4 1.6%
VERY HIGH(80-90):	9.5 0.2%
UPLIGHT	
LOW(90-100):	1.0 0%
HIGH(100-180):	51.4 1%
TRAPPED LIGHT:	0.000 0%

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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	30	60	90	120	150	180	210	240	270	300	330	360
0	2985	2985	2985	2985	2985	2985	2985	2985	2985	2985	2985	2985	2985
5	3083	3089	3084	3062	3026	2997	2980	2969	2974	2998	3029	3064	3083
10	3246	3259	3257	3226	3163	3099	3074	3049	3043	3081	3155	3219	3246
15	3393	3413	3423	3370	3319	3262	3241	3216	3183	3215	3324	3388	3393
20	3455	3485	3484	3432	3419	3406	3388	3386	3338	3330	3452	3497	3455
25	3308	3384	3380	3328	3383	3431	3414	3473	3400	3335	3452	3429	3308
30	2890	3040	3015	2970	3087	3246	3180	3318	3234	3092	3155	3086	2890
35	2184	2437	2382	2302	2473	2754	2599	2831	2708	2532	2510	2425	2184
40	1332	1651	1562	1425	1644	1995	1687	2017	1892	1679	1643	1587	1332
45	642	877	766	597	839	1131	830	1149	983	719	828	828	642
50	276	339	245	191	286	462	339	462	310	187	279	336	276
55	163	147	125	125	137	176	175	171	135	129	136	156	163
60	141	116	109	115	111	120	141	123	116	120	117	122	141
65	128	101	93	97	94	102	126	106	100	102	99	105	128
70	104	85	71	71	74	86	108	89	79	75	76	86	104
75	71	64	53	49	55	67	72	70	60	53	56	65	71
80	43	39	31	27	34	43	46	48	39	30	34	41	43
85	18	13	8	9	9	18	22	21	13	12	10	13	18
90	2	1	0	1	1	1	3	3	1	1	0	0	2
95	1	1	1	1	0	1	1	1	1	0	1	1	1
100	1	1	1	1	1	1	1	2	1	1	1	1	1
105	2	2	2	2	1	2	2	2	2	1	2	2	2
110	4	3	3	2	2	3	3	3	2	2	3	3	4
115	5	4	4	4	4	4	5	5	4	3	4	5	5
120	7	6	6	6	5	6	6	6	6	5	6	6	7
125	9	8	8	8	7	8	8	8	8	8	8	8	9
130	11	10	10	10	9	10	10	10	10	10	10	10	11
135	13	12	12	12	11	12	12	12	12	12	12	13	13
140	15	14	14	14	13	14	14	14	14	14	14	14	15
145	17	16	16	16	15	16	17	16	16	16	16	17	17
150	19	18	17	17	17	18	18	19	18	18	17	18	19
155	21	20	20	19	19	20	21	21	20	20	20	20	21
160	24	22	22	21	21	22	23	23	22	22	22	23	24
165	26	25	24	24	23	24	25	25	24	24	25	25	26
170	28	27	27	26	26	26	27	27	26	26	27	27	28
175	29	28	28	28	27	28	28	28	28	29	28	28	29
180	29	29	29	29	29	29	29	29	29	29	29	29	29