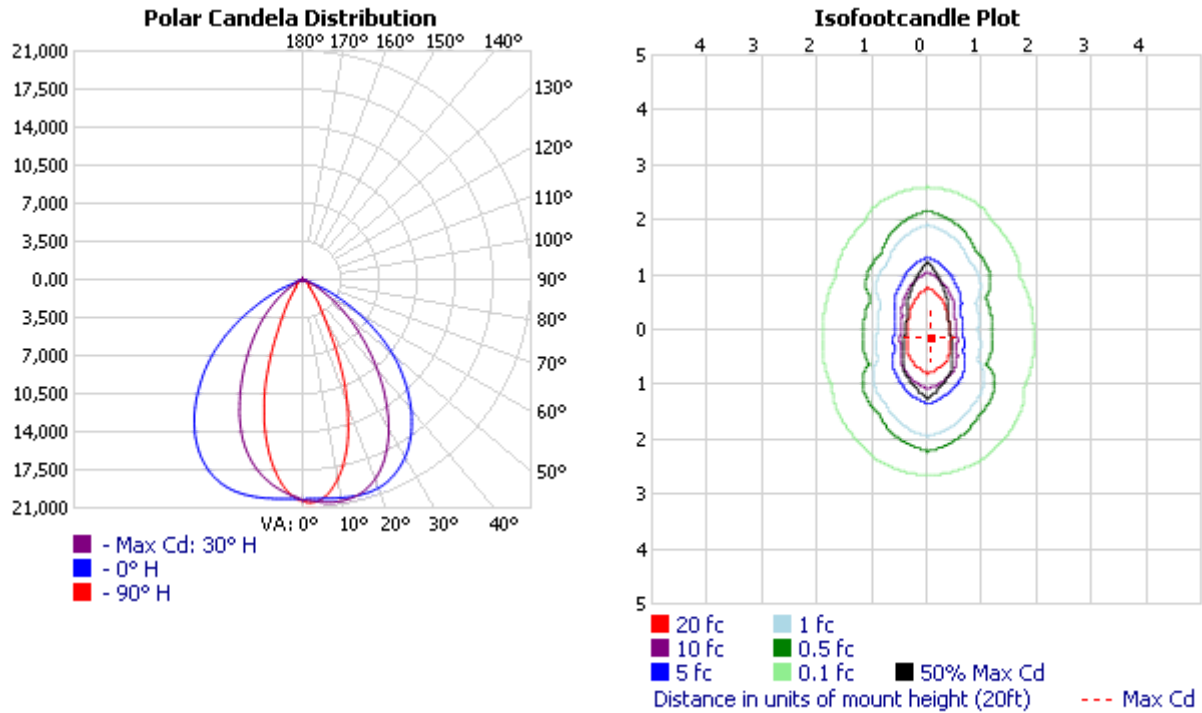


OUTDOOR PHOTOMETRIC REPORT

CATALOG: LH-20040AL

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
DESCRIPTION: LH-20040AL
LAMP CATALOG: L130-4080-N
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 25257.4
INPUT WATTAGE: 207.8
LUMINOUS OPENING: POINT
MAX CD: 20,663.5 AT HORIZONTAL: 30°, VERTICAL: 9°
CUTOFF CLASS: CUTOFF
ROADWAY CLASS: VERY SHORT, TYPE II
EFFICIENCY: 100%



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OUTDOOR PHOTOMETRIC REPORT
 CATALOG: LH-20040AL

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	12,575.4	49.8%	49.8%
0-40	17,605.4	69.7%	69.7%
0-60	23,766.2	94.1%	94.1%
60-90	1,225.0	4.9%	4.9%
70-100	269.0	1.1%	1.1%
90-120	58.4	0.2%	0.2%
0-90	24,991.2	98.9%	99%
90-180	260.8	1%	1%
0-180	25,252.0	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	1,878.3	7.4%	90-100	12.8	0.1%
10-20	4,883.6	19.3%	100-110	19.1	0.1%
20-30	5,813.5	23.0%	110-120	26.6	0.1%
30-40	5,030.0	19.9%	120-130	35.1	0.1%
40-50	3,777.6	15.0%	130-140	43.1	0.2%
50-60	2,383.2	9.4%	140-150	45.9	0.2%
60-70	968.8	3.8%	150-160	40.6	0.2%
70-80	209.8	0.8%	160-170	27.8	0.1%
80-90	46.4	0.2%	170-180	10.0	0%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION: CUTOFF

DISTRIBUTION: TYPE II, VERY SHORT

MAX CD, 90 DEG VERT: 15.1

MAX CD, 80 TO <90 DEG: 196.8

	LUMENS	% LAMP
DOWNWARD STREET SIDE:	13,180.1	52.2%
DOWNWARD HOUSE SIDE:	11,816.4	46.8%
DOWNWARD TOTAL:	24,996.4	99%
UPWARD STREET SIDE:	125.5	0.5%
UPWARD HOUSE SIDE:	135.5	0.5%
UPWARD TOTAL:	260.9	1%
TOTAL LUMENS:	25,257.4	100%

LCS TABLE
BUG RATING
B5 - U3 - G2
FORWARD LIGHT

LOW(0-30):	6,536.3	25.9%
MEDIUM(30-60):	5,986.0	23.7%
HIGH(60-80):	633.0	2.5%
VERY HIGH(80-90):	24.7	0.1%

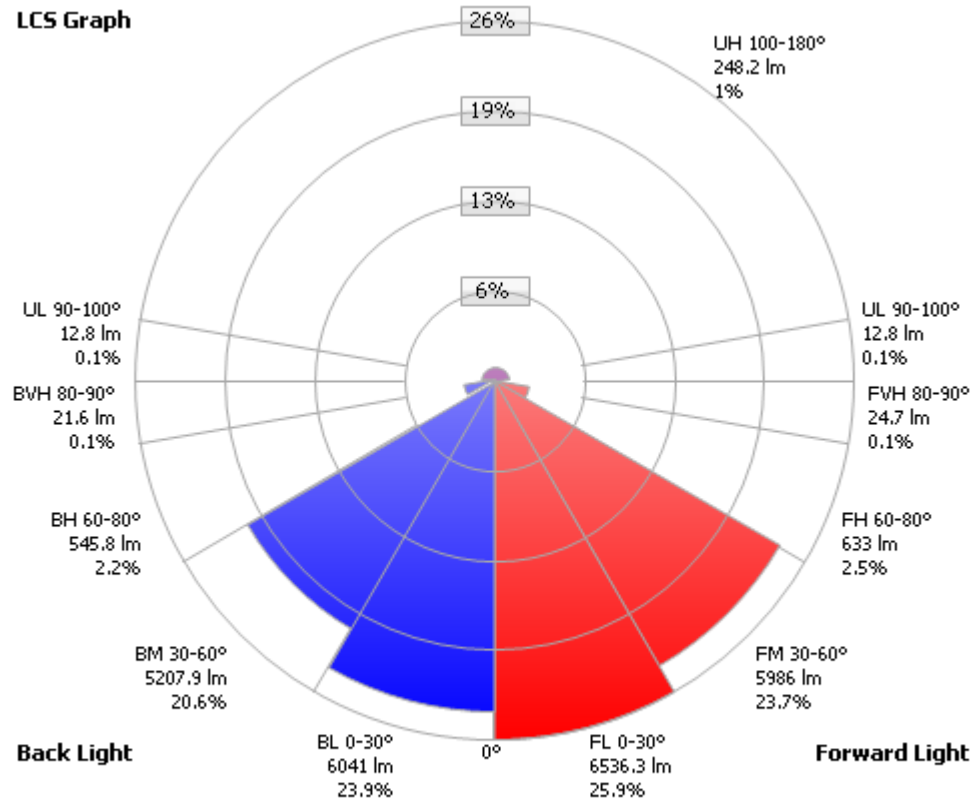
BACK LIGHT

LOW(0-30):	6,041.0	23.9%
MEDIUM(30-60):	5,207.9	20.6%
HIGH(60-80):	545.8	2.2%
VERY HIGH(80-90):	21.6	0.1%

UPLIGHT

LOW(90-100):	12.8	0.1%
HIGH(100-180):	248.2	1%

TRAPPED LIGHT: 0.0 0%


OUTDOOR PHOTOMETRIC REPORT
CATALOG: LH-20040AL**LCS Graph**

Scale = Max LCS %

Trapped Light: 0lm, 0%



OUTDOOR PHOTOMETRIC REPORT

CATALOG: LH-20040AL

CANDELA TABLE - TYPE C

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	20294	20294	20294	20294	20294	20294	20294	20294	20294	20294	20294	20294	20294
5	20198	20541	20489	20242	20083	20187	20233	19585	19111	19196	19759	20303	20198
10	20360	20662	19613	18591	18615	19644	20379	18739	17102	16802	18139	19942	20360
15	20486	20378	17717	15809	16282	18723	20454	17541	14422	13629	15703	19216	20486
20	20381	19506	14924	11920	12943	17288	20311	15889	11156	9867	12669	17962	20381
25	19832	17944	11139	7572	8964	15293	19760	13742	7553	5881	9008	16096	19832
30	18826	15810	7136	3948	5271	12785	18746	11331	4817	3323	5518	13696	18826
35	17376	13254	4457	2267	3270	9999	17283	9062	3039	1897	3487	11022	17376
40	15518	10588	2687	1230	2009	7554	15386	7052	1724	1099	2189	8499	15518
45	13352	8016	1427	833	1174	5668	13225	5286	977	822	1317	6420	13352
50	10915	5721	860	719	788	4012	10919	3623	750	714	854	4589	10915
55	8219	3692	690	636	642	2600	8214	2203	641	639	686	3023	8219
60	5442	2097	579	505	530	1497	5384	1241	531	470	583	1772	5442
65	3053	1103	414	314	344	784	2933	717	337	277	390	930	3053
70	722	604	247	122	160	460	675	474	144	108	228	533	722
75	338	372	90	70	73	228	339	235	66	62	81	300	338
80	195	127	54	52	48	60	197	55	44	47	50	81	195
85	88	31	41	41	35	30	91	26	29	30	39	34	88
90	12	10	11	8	9	9	15	11	7	5	8	14	12
95	17	8	8	9	10	14	19	14	8	7	12	14	17
100	22	13	10	12	14	16	25	17	10	8	12	17	22
105	30	17	11	11	15	21	31	22	12	9	14	24	30
110	36	22	13	13	16	25	37	30	17	8	17	29	36
115	42	26	15	14	18	34	44	36	19	10	19	35	42
120	50	34	20	17	25	43	50	47	25	14	25	41	50
125	55	40	24	22	32	51	57	53	34	20	33	49	55
130	60	50	31	28	41	58	62	62	43	30	43	56	60
135	67	59	40	39	52	65	68	71	54	42	51	64	67
140	76	66	50	47	63	76	75	77	66	53	61	69	76
145	81	70	61	61	73	82	82	83	77	66	71	76	81
150	86	77	71	74	82	86	89	88	86	76	79	81	86
155	91	83	79	83	90	91	93	94	92	86	86	87	91
160	96	89	88	91	96	96	100	100	97	92	93	91	96
165	98	96	94	98	99	102	102	102	100	97	97	99	98
170	102	99	100	106	104	104	105	104	105	102	104	102	102
175	106	106	104	107	108	108	108	108	105	105	108	106	106
180	108	108	108	108	108	108	108	108	108	108	108	108	108

