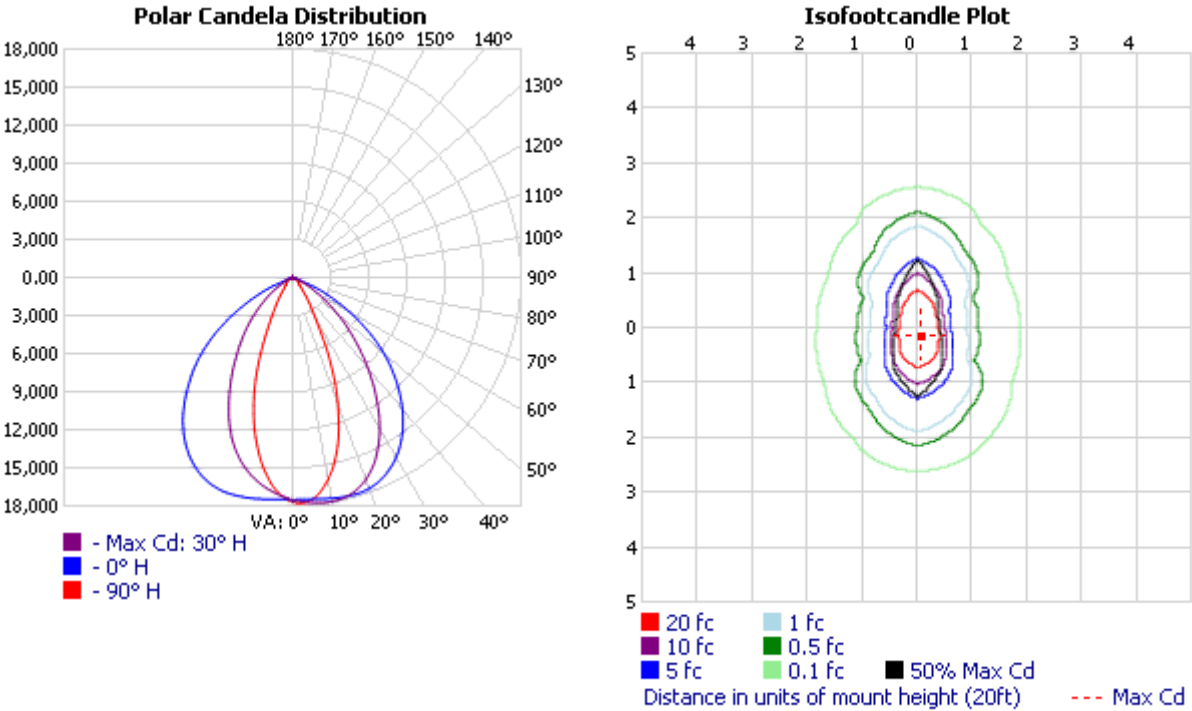


OUTDOOR PHOTOMETRIC REPORT

CATALOG: LH-16050AL

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
DESCRIPTION: LH-16050AL
LAMP CATALOG: L130-4080-N
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 21900
INPUT WATTAGE: 161.9
LUMINOUS OPENING: RECTANGLE (L: 48", W: 12")
MAX CD: 17,916.7 AT HORIZONTAL: 30°, VERTICAL: 9°
CUTOFF CLASS: CUTOFF
ROADWAY CLASS: VERY SHORT, TYPE II
EFFICIENCY: 100%



VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2020, ACUITY BRANDS LIGHTING.
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OUTDOOR PHOTOMETRIC REPORT
 CATALOG: LH-16050AL

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	10,903.7	49.8%	49.8%
0-40	15,265.1	69.7%	69.7%
0-60	20,606.9	94.1%	94.1%
60-90	1,062.2	4.9%	4.9%
70-100	233.2	1.1%	1.1%
90-120	50.6	0.2%	0.2%
0-90	21,669.1	98.9%	99%
90-180	226.2	1%	1%
0-180	21,895.3	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	1,628.6	7.4%	90-100	11.1	0.1%
10-20	4,234.4	19.3%	100-110	16.5	0.1%
20-30	5,040.7	23.0%	110-120	23.0	0.1%
30-40	4,361.4	19.9%	120-130	30.4	0.1%
40-50	3,275.4	15.0%	130-140	37.4	0.2%
50-60	2,066.4	9.4%	140-150	39.8	0.2%
60-70	840.0	3.8%	150-160	35.2	0.2%
70-80	182.0	0.8%	160-170	24.1	0.1%
80-90	40.2	0.2%	170-180	8.7	0%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION: CUTOFF

DISTRIBUTION: TYPE II, VERY SHORT

MAX CD, 90 DEG VERT: 13.1

MAX CD, 80 TO <90 DEG: 170.7

	LUMENS	% LAMP
DOWNWARD STREET SIDE:	11,428.0	52.2%
DOWNWARD HOUSE SIDE:	10,245.6	46.8%
DOWNWARD TOTAL:	21,673.6	99%
UPWARD STREET SIDE:	108.8	0.5%
UPWARD HOUSE SIDE:	117.5	0.5%
UPWARD TOTAL:	226.3	1%
TOTAL LUMENS:	21,899.9	100%

LCS TABLE
BUG RATING
B5 - U3 - G1
FORWARD LIGHT

LOW(0-30):	5,667.5	25.9%
MEDIUM(30-60):	5,190.3	23.7%
HIGH(60-80):	548.9	2.5%
VERY HIGH(80-90):	21.4	0.1%

BACK LIGHT

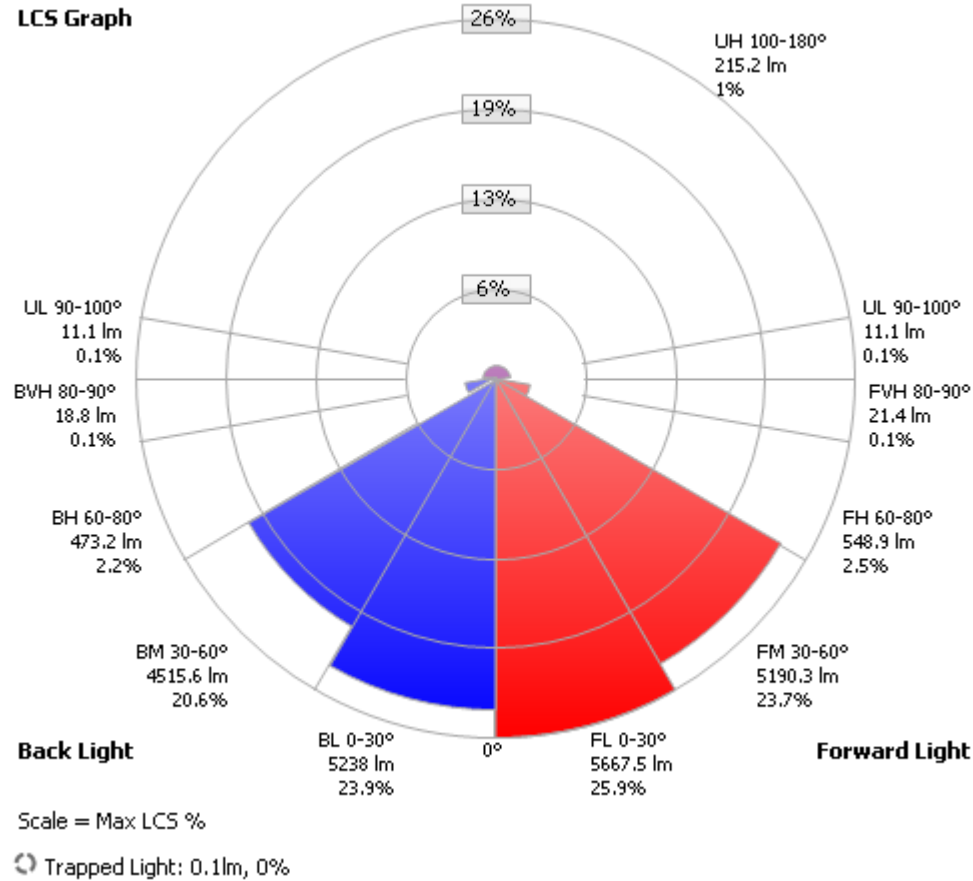
LOW(0-30):	5,238.0	23.9%
MEDIUM(30-60):	4,515.6	20.6%
HIGH(60-80):	473.2	2.2%
VERY HIGH(80-90):	18.8	0.1%

UPLIGHT

LOW(90-100):	11.1	0.1%
HIGH(100-180):	215.2	1%

TRAPPED LIGHT: 0.1 0%


OUTDOOR PHOTOMETRIC REPORT
CATALOG: LH-16050AL



OUTDOOR PHOTOMETRIC REPORT

CATALOG: LH-16050AL

CANDELA TABLE - TYPE C

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	17596	17596	17596	17596	17596	17596	17596	17596	17596	17596	17596	17596	17596
5	17513	17810	17766	17551	17413	17504	17543	16982	16571	16645	17132	17604	17513
10	17654	17916	17006	16120	16141	17033	17670	16248	14829	14568	15728	17291	17654
15	17763	17669	15361	13708	14117	16235	17735	15209	12505	11817	13615	16661	17763
20	17672	16913	12940	10335	11222	14990	17611	13777	9673	8555	10985	15574	17672
25	17196	15558	9658	6565	7773	13261	17133	11916	6549	5099	7811	13956	17196
30	16323	13708	6187	3423	4571	11085	16254	9825	4177	2881	4785	11875	16323
35	15066	11492	3864	1965	2835	8670	14986	7857	2635	1645	3023	9557	15066
40	13455	9180	2330	1067	1742	6550	13341	6115	1495	953	1898	7369	13455
45	11577	6950	1238	722	1018	4915	11467	4583	847	713	1142	5566	11577
50	9464	4961	745	624	684	3479	9467	3141	650	619	741	3979	9464
55	7127	3202	598	551	557	2254	7122	1910	555	554	595	2621	7127
60	4719	1818	502	438	459	1298	4668	1076	460	408	505	1537	4719
65	2647	956	359	272	298	679	2543	622	292	240	338	807	2647
70	626	524	214	106	138	399	585	411	124	94	198	463	626
75	293	323	78	61	63	198	294	203	57	54	70	260	293
80	169	111	47	45	42	52	171	47	38	41	43	70	169
85	77	27	35	35	31	26	79	23	25	26	34	29	77
90	10	9	9	7	8	8	13	9	6	5	7	12	10
95	15	7	7	8	9	12	16	12	7	6	10	12	15
100	19	11	9	11	12	14	22	15	9	7	11	15	19
105	26	15	9	10	13	18	27	19	11	8	12	21	26
110	32	19	11	11	14	22	32	26	14	7	15	25	32
115	36	23	13	12	16	30	38	32	17	9	17	31	36
120	43	29	17	15	21	37	43	41	21	12	21	36	43
125	47	35	21	19	27	44	50	46	30	18	29	43	47
130	52	43	27	24	35	50	54	54	37	26	37	48	52
135	58	51	35	34	45	56	59	62	47	37	44	55	58
140	65	57	43	41	54	65	65	67	57	46	53	60	65
145	70	61	53	53	63	71	71	72	67	57	62	66	70
150	75	67	61	64	71	75	77	77	74	66	68	70	75
155	79	72	68	72	78	79	81	81	80	75	74	76	79
160	83	77	77	79	83	83	86	86	84	80	81	79	83
165	85	83	81	85	86	89	88	89	86	84	84	86	85
170	89	86	86	92	90	90	91	90	91	88	90	89	89
175	92	92	90	92	94	93	93	94	91	91	94	92	92
180	94	94	94	94	94	94	94	94	94	94	94	94	94

