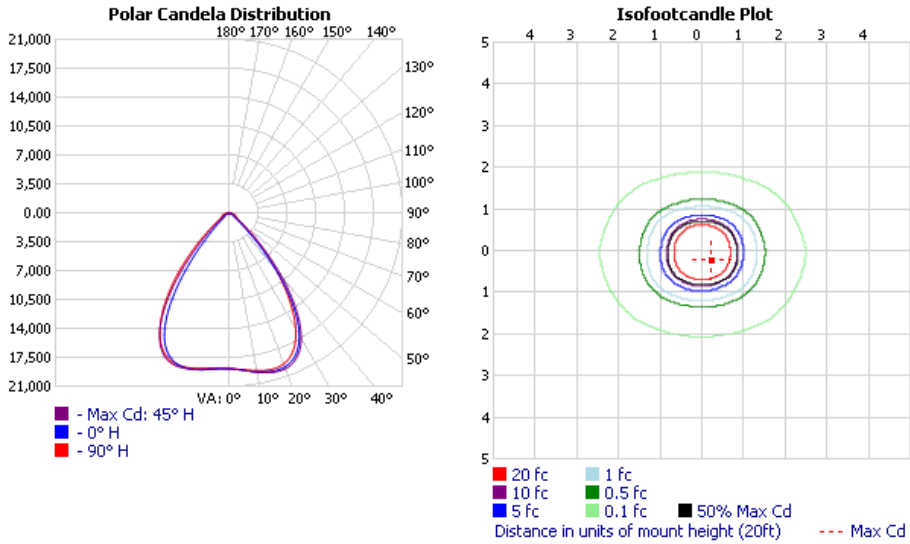


OUTDOOR PHOTOMETRIC REPORT
CATALOG: LH-20040ML

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 26 OCTOBER 2018
CATALOG: LH-20040ML
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 29777
BALLAST / DRIVER: AC120-277V 50/60HZ
INPUT WATTAGE: 200.327
LUMINOUS OPENING: RECTANGLE (L: 47.24", W: 1.18")
MAX CD: 20,100.0 AT HORIZONTAL: 45°, VERTICAL: 18°
CUTOFF CLASS: CUTOFF
ROADWAY CLASS: VERY SHORT, TYPE I
EFFICIENCY: 100%



VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2020, ACUTY BRANDS LIGHTING.
THIS PHOTOMETRIC REPORT HAS BEEN GENERATED USING METHODS RECOMMENDED BY THE IESNA. CALCULATIONS ARE BASED ON PHOTOMETRIC DATA PROVIDED BY THE MANUFACTURER, AND THE ACCURACY OF THIS PHOTOMETRIC REPORT IS DEPENDENT ON THE ACCURACY OF THE DATA PROVIDED. END-USER ENVIRONMENT AND APPLICATION (INCLUDING, BUT NOT LIMITED TO, VOLTAGE VARIATION AND DIRT ACCUMULATION) CAN CAUSE ACTUAL PHOTOMETRIC PERFORMANCE TO DIFFER FROM THE PERFORMANCE CALCULATED USING THE DATA PROVIDED BY THE MANUFACTURER. THIS REPORT IS PROVIDED WITHOUT WARRANTY AS TO ACCURACY, COMPLETENESS, RELIABILITY OR OTHERWISE. IN NO EVENT WILL ACUTY BRANDS LIGHTING BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF THIS REPORT.



OUTDOOR PHOTOMETRIC REPORT
 CATALOG: LH-20040ML
ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	15,937.6	53.5%	53.5%
0-40	24,030.6	80.7%	80.7%
0-60	28,858.6	96.9%	96.9%
60-90	894.5	3%	3%
70-100	309.1	1%	1%
90-120	2.3	0%	0%
0-90	29,753.1	99.9%	99.9%
90-180	21.3	0.1%	0.1%
0-180	29,774.4	100%	100%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	CUTOFF	
DISTRIBUTION:	TYPE I, VERY SHORT	
MAX CD, 90 DEG VERT:	7.7	
MAX CD, 80 TO <90 DEG:	309.6	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	15,534.1	52.2%
DOWNWARD HOUSE SIDE:	14,223.8	47.8%
DOWNWARD TOTAL:	29,757.9	99.9%
UPWARD STREET SIDE:	8.2	0%
UPWARD HOUSE SIDE:	13.1	0%
UPWARD TOTAL:	21.3	0.1%
TOTAL LUMENS:	29,779.2	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	1,825.3	6.1%	90-100	0.4	0%
10-20	5,558.5	18.7%	100-110	0.7	0%
20-30	8,553.7	28.7%	110-120	1.1	0%
30-40	8,093.0	27.2%	120-130	2.4	0%
40-50	3,755.8	12.6%	130-140	3.8	0%
50-60	1,072.2	3.6%	140-150	4.4	0%
60-70	585.8	2.0%	150-160	4.2	0%
70-80	257.8	0.9%	160-170	3.1	0%
80-90	50.9	0.2%	170-180	1.1	0%

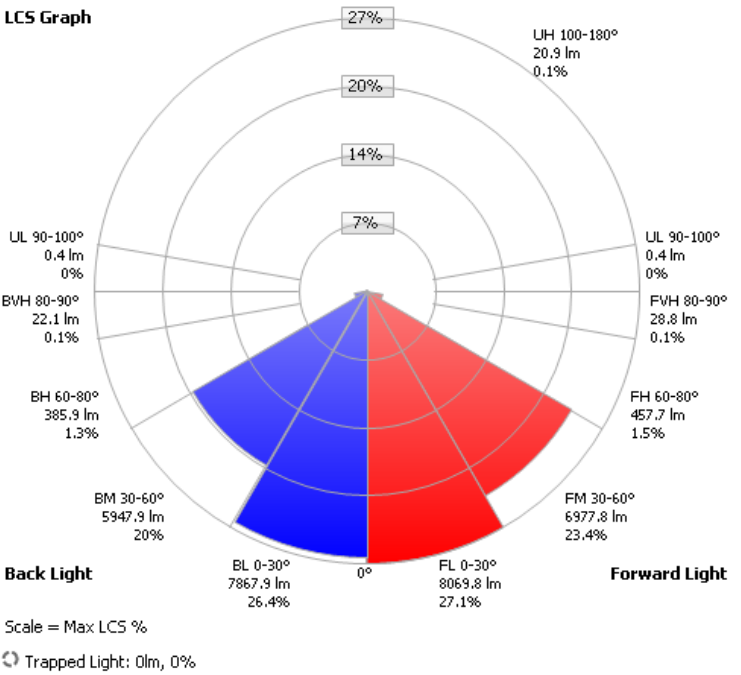
LCS TABLE

BUG RATING	B5 - U2 - G1	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	8,069.8	27.1%
MEDIUM(30-60):	6,977.8	23.4%
HIGH(60-80):	457.7	1.5%
VERY HIGH(80-90):	28.8	0.1%
BACK LIGHT		
LOW(0-30):	7,867.9	26.4%
MEDIUM(30-60):	5,947.9	20%
HIGH(60-80):	385.9	1.3%
VERY HIGH(80-90):	22.1	0.1%
UPLIGHT		
LOW(90-100):	0.4	0%
HIGH(100-180):	20.9	0.1%
TRAPPED LIGHT:	0.000	0%



VISUAL PHOTOMETRIC TOOL

OUTDOOR PHOTOMETRIC REPORT
CATALOG: LH-20040ML



OUTDOOR PHOTOMETRIC REPORT
CATALOG: LH-20040ML

CANDELA TABLE - TYPE C

	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315
0	18847	18847	18847	18847	18847	18847	18847	18847	18847	18847	18847	18847	18847	18847	18847	18847	18847	18847	18847	18847	18847	1884
5	19098	19116	19131	19115	19104	19072	19047	19035	19019	19013	18998	18987	18969	18948	18927	18903	18882	18872	18886	18894	18933	1897
10	19521	19558	19594	19580	19535	19451	19380	19364	19362	19364	19334	19301	19267	19241	19224	19200	19150	19112	19117	19153	19254	1934
15	19861	19919	19989	19989	19916	19760	19620	19591	19616	19622	19587	19513	19472	19473	19512	19512	19463	19390	19379	19457	19621	1972
20	19809	19908	20038	20065	19915	19656	19431	19379	19461	19480	19416	19271	19222	19297	19464	19553	19523	19405	19358	19518	19741	1988
25	19019	19157	19321	19371	19123	18721	18394	18317	18497	18503	18343	18096	18060	18238	18587	18830	18877	18702	18622	18916	19251	1941
30	17037	17159	17345	17468	17136	16578	16148	16057	16345	16272	15916	15457	15397	15666	16295	16797	17013	16839	16755	17259	17733	1788
35	13426	13494	13768	14126	13822	13193	12700	12648	12994	12641	11896	11098	10944	11296	12246	13195	13775	13682	13638	14381	14977	1504
40	8523	8573	9021	9674	9626	9124	8683	8679	8899	8195	7118	6084	5770	6193	7347	8616	9596	9685	9699	10582	11179	1099
45	3811	3961	4556	5350	5571	5309	4991	4992	5020	4189	3143	2255	2142	2299	3252	4450	5507	5742	5789	6621	7037	657
50	1339	1441	1798	2464	2693	2695	2518	2443	2429	1783	1231	979	922	979	1222	1857	2663	2811	2842	3397	3578	308
55	839	857	947	1132	1306	1343	1307	1232	1162	959	788	733	734	743	796	968	1224	1341	1385	1583	1586	131
60	673	686	737	829	890	945	999	886	818	727	624	523	513	533	641	746	838	911	995	951	901	82
65	426	443	537	678	741	793	858	747	680	556	394	318	284	323	408	587	697	765	858	791	737	67
70	196	224	306	458	592	649	678	606	529	317	170	117	110	120	186	341	550	627	691	658	600	46
75	90	91	108	211	385	474	451	437	285	108	72	64	63	65	75	115	326	458	467	499	406	22
80	58	57	55	60	125	267	267	221	66	45	47	48	48	48	47	46	86	266	280	310	150	6
85	43	42	40	35	28	52	96	31	24	26	25	26	23	26	26	27	26	63	112	79	33	3
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	6	
95	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0	
100	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	
105	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	
110	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	
115	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
120	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	
125	2	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	3	3	2	1	2	
130	3	3	3	3	3	3	4	4	5	5	6	6	6	6	5	5	4	4	2	2	2	
135	4	4	4	4	4	3	5	5	6	7	7	8	8	7	7	6	6	5	3	3	3	
140	5	5	5	4	4	4	6	7	7	8	9	9	9	9	8	8	7	6	4	4	4	
145	6	5	5	5	5	5	7	8	8	9	10	10	10	10	10	9	8	8	5	5	5	
150	6	6	6	6	6	6	9	9	9	10	11	11	11	11	11	10	9	9	6	6	6	
155	7	7	7	7	8	7	10	10	11	11	12	12	12	12	12	11	11	10	7	7	8	
160	7	8	8	8	9	9	11	12	12	12	12	13	13	13	13	12	12	11	9	9	9	
165	8	9	9	10	10	10	12	12	13	14	13	13	13	13	13	13	13	12	10	10	10	
170	9	10	10	10	11	11	12	13	14	14	14	14	14	13	13	13	13	12	11	11	11	1
175	11	11	11	11	11	12	13	13	13	13	14	13	13	14	13	13	12	12	12	12	12	1
180	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	1