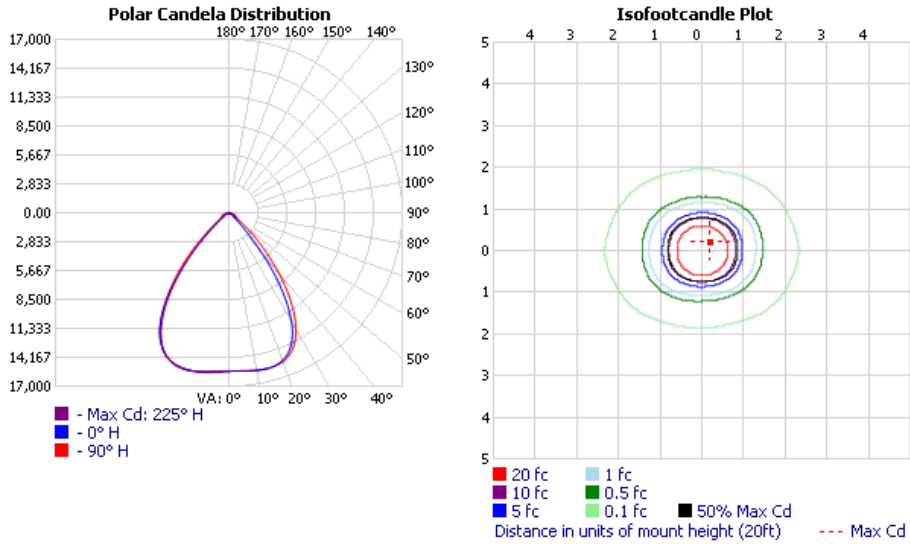


OUTDOOR PHOTOMETRIC REPORT
CATALOG: LH-16050ML

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 26 OCTOBER 2018
CATALOG: LH-16050ML
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 24186
BALLAST / DRIVER: AC120-277V 50/60HZ
INPUT WATTAGE: 161.786
LUMINOUS OPENING: RECTANGLE (L: 47.24", W: 1.18")
MAX CD: 16,029.8 AT HORIZONTAL: 225°, VERTICAL: 17°
CUTOFF CLASS: CUTOFF
ROADWAY CLASS: VERY SHORT, TYPE I
EFFICIENCY: 100%



VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2020, ACUITY 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 ACUITY BRANDS LIGHTING BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF THIS REPORT.



OUTDOOR PHOTOMETRIC REPORT
CATALOG: LH-16050ML

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	12,789.8	52.9%	52.9%
0-40	19,338.4	80%	80%
0-60	23,424.4	96.9%	96.9%
60-90	740.8	3.1%	3.1%
70-100	258.0	1.1%	1.1%
90-120	1.7	0%	0%
0-90	24,165.2	99.9%	99.9%
90-180	16.9	0.1%	0.1%
0-180	24,182.2	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	1,493.2	6.2%	90-100	0.3	0%
10-20	4,477.3	18.5%	100-110	0.5	0%
20-30	6,819.3	28.2%	110-120	0.9	0%
30-40	6,548.6	27.1%	120-130	1.9	0%
40-50	3,175.7	13.1%	130-140	3.0	0%
50-60	910.3	3.8%	140-150	3.5	0%
60-70	483.1	2.0%	150-160	3.4	0%
70-80	214.7	0.9%	160-170	2.5	0%
80-90	43.0	0.2%	170-180	0.9	0%

ROADWAY SUMMARY

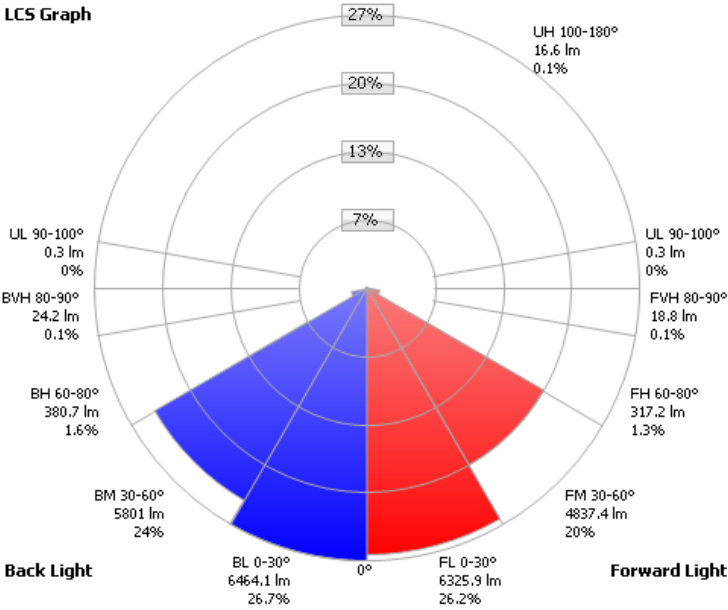
CUTOFF CLASSIFICATION:	CUTOFF
DISTRIBUTION:	TYPE I, VERY SHORT
MAX CD, 90 DEG VERT:	7.6
MAX CD, 80 TO <90 DEG:	251.7
	LUMENS % LAMP
DOWNWARD STREET SIDE:	11,499.2 47.5%
DOWNWARD HOUSE SIDE:	12,669.9 52.4%
DOWNWARD TOTAL:	24,169.2 99.9%
UPWARD STREET SIDE:	6.9 0%
UPWARD HOUSE SIDE:	10.1 0%
UPWARD TOTAL:	16.9 0.1%
TOTAL LUMENS:	24,186.1 100%

LCS TABLE

BUG RATING	B5 - U2 - G1	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	6,325.9	26.2%
MEDIUM(30-60):	4,837.4	20%
HIGH(60-80):	317.2	1.3%
VERY HIGH(80-90):	18.8	0.1%
BACK LIGHT		
LOW(0-30):	6,464.1	26.7%
MEDIUM(30-60):	5,801.0	24%
HIGH(60-80):	380.7	1.6%
VERY HIGH(80-90):	24.2	0.1%
UPLIGHT		
LOW(90-100):	0.3	0%
HIGH(100-180):	16.6	0.1%
TRAPPED LIGHT:	0.000	0%

OUTDOOR PHOTOMETRIC REPORT
CATALOG: LH-16050ML

LCS Graph



OUTDOOR PHOTOMETRIC REPORT
CATALOG: LH-16050ML

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	15514	15514	15514	15514	15514	15514	15514	15514	15514	15514	15514	15514	15514	15514	15514	15514	15514	15514	15514	15514	15514	1551
5	15566	15542	15522	15504	15504	15509	15520	15539	15565	15586	15601	15615	15624	15636	15641	15641	15640	15640	15630	15625	15623	1561
10	15687	15639	15614	15596	15594	15597	15624	15672	15725	15766	15785	15794	15801	15822	15834	15840	15837	15827	15811	15812	15824	1582
15	15699	15642	15635	15648	15656	15659	15692	15779	15868	15916	15916	15885	15879	15914	15978	16017	15998	15957	15929	15934	15952	1594
20	15376	15342	15383	15451	15470	15464	15505	15639	15779	15819	15793	15724	15701	15754	15876	15956	15944	15845	15777	15788	15815	1577
25	14370	14389	14518	14685	14722	14700	14754	14955	15160	15234	15205	15092	15060	15151	15330	15428	15414	15216	15055	15044	15065	1500
30	12261	12334	12616	12969	13077	13066	13150	13438	13737	13859	13794	13616	13597	13740	14019	14180	14110	13781	13519	13462	13461	1332
35	8743	8915	9403	10120	10414	10451	10587	10985	11408	11512	11352	11017	10966	11166	11642	11905	11850	11415	11060	10979	10959	1061
40	4698	4902	5540	6474	7071	7272	7469	7917	8345	8379	7961	7446	7321	7515	8122	8642	8721	8305	7957	7903	7791	716
45	1658	1829	2368	3259	3942	4242	4450	4891	5243	5067	4482	3842	3609	3780	4432	5023	5324	5066	4785	4805	4632	388
50	747	768	961	1379	1847	2131	2256	2518	2743	2488	2041	1499	1360	1427	1838	2327	2631	2522	2341	2438	2249	171
55	594	602	640	750	951	1064	1112	1217	1288	1107	847	720	713	729	829	1052	1227	1181	1124	1110	1052	83
60	412	425	496	600	669	731	808	759	733	667	602	560	561	573	626	702	765	797	834	755	691	61
65	228	249	314	452	549	611	684	630	595	541	440	374	365	376	468	571	634	667	719	641	577	48
70	93	97	129	254	420	495	547	518	478	357	262	198	175	204	276	396	510	554	586	528	455	29
75	52	53	57	82	220	356	367	384	314	172	93	78	76	80	98	190	350	415	398	392	274	10
80	40	39	38	37	50	186	222	227	107	52	48	49	49	49	49	56	135	252	239	221	86	4
85	21	20	20	20	19	35	81	55	26	32	36	36	37	36	36	31	27	70	99	49	22	2
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	
95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
100	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	0	0	0	0	
105	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	
110	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	
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	1	1	1	1	2	2	2	2	2	2	1	1	2	2	1	1	1	1	1	
125	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	1	1	1	
130	3	3	3	2	2	2	3	3	4	4	4	4	4	4	4	4	3	3	2	2	2	
135	3	3	3	3	3	3	4	4	5	5	6	6	6	5	5	5	4	4	3	3	3	
140	4	4	4	4	3	3	5	5	6	6	7	7	7	7	6	6	5	5	3	3	3	
145	5	5	5	4	4	4	6	6	7	7	8	8	8	8	7	7	6	6	4	4	4	
150	5	5	5	5	5	5	7	8	7	8	9	9	9	9	8	8	7	7	5	5	5	
155	6	6	6	6	6	6	8	8	9	9	9	10	10	10	9	9	9	8	6	6	6	
160	6	6	7	7	7	7	9	10	10	10	10	10	10	10	10	10	9	9	7	7	7	
165	7	7	8	8	8	8	10	10	10	11	11	11	10	11	11	10	10	9	8	8	8	
170	8	8	8	8	8	9	10	10	11	11	11	11	11	11	11	10	10	10	9	9	9	
175	9	9	9	9	9	9	10	11	11	11	11	11	11	11	10	10	10	10	10	10	10	1
180	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1