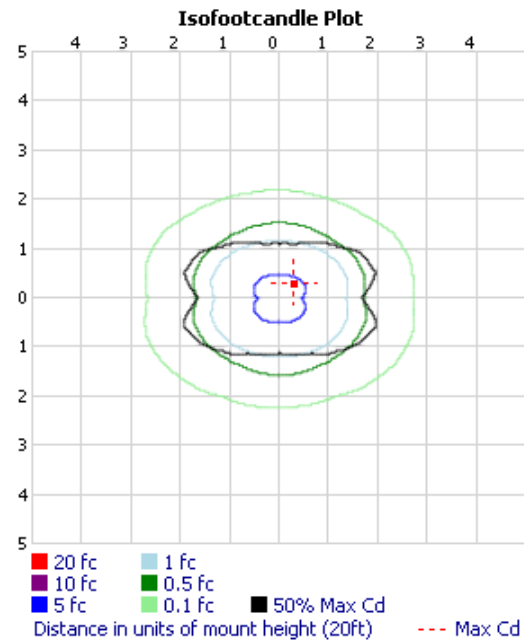
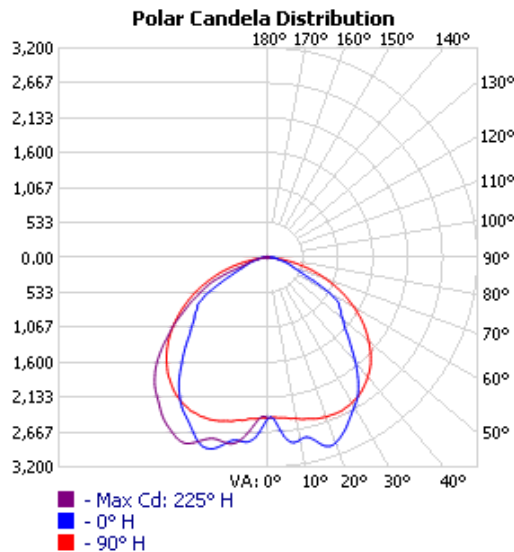


**OUTDOOR PHOTOMETRIC REPORT**

CATALOG: VT-7040 277V (LOW BAY)

**MANUFACTURER:** ADVANTAGE LIGHTING SOLUTIONS  
**TEST LAB:** DONGGUAN NEW TESTING CENTRE CO., LTD  
**TEST DATE:** 27 NOVEMBER 2019  
**CATALOG:** VT-7040 277V (LOW BAY)  
**DESCRIPTION:** LED  
**LAMP:** 120-277VAC,50/60HZ  
**LAMP OUTPUT:** 1 LAMP, RATED LUMENS/LAMP: 9015.1  
**INPUT WATTAGE:** 68.2319  
**LUMINOUS OPENING:** RECTANGLE (L: 22.83", W: 5.51")  
**MAX CD:** 3,135.8 AT HORIZONTAL: 225°, VERTICAL: 24°  
**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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VISUAL PHOTOMETRIC TOOL

**OUTDOOR PHOTOMETRIC REPORT**  
 CATALOG: VT-7040 277V (LOW BAY)
**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,429.1	26.9%	26.9%
0-40	4,114.5	45.6%	45.6%
0-60	7,335.8	81.4%	81.4%
60-90	1,629.9	18.1%	18.1%
70-100	658.3	7.3%	7.3%
90-120	41.7	0.5%	0.5%
0-90	8,965.7	99.5%	99.5%
90-180	48.7	0.5%	0.5%
0-180	9,014.4	100%	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	256.5	2.8%	90-100	33.0	0.4%
10-20	817.4	9.1%	100-110	5.0	0.1%
20-30	1,355.2	15.0%	110-120	3.6	0%
30-40	1,685.3	18.7%	120-130	2.4	0%
40-50	1,717.9	19.1%	130-140	1.5	0%
50-60	1,503.5	16.7%	140-150	1.2	0%
60-70	1,004.6	11.1%	150-160	1.0	0%
70-80	471.5	5.2%	160-170	0.7	0%
80-90	153.8	1.7%	170-180	0.2	0%

**ROADWAY SUMMARY**

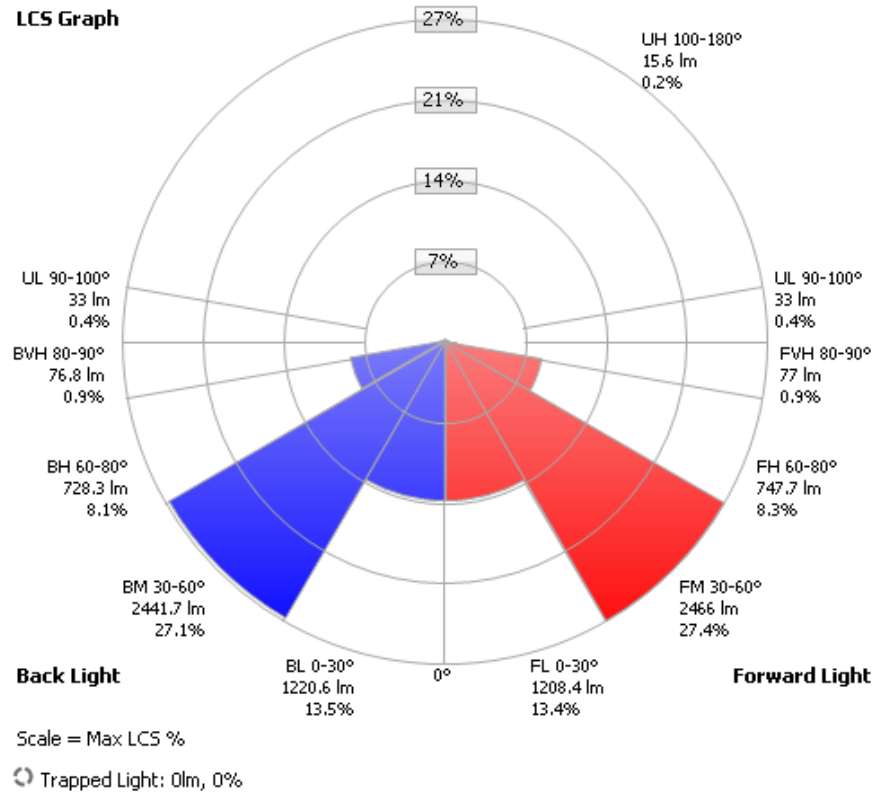
<b>CUTOFF CLASSIFICATION:</b>	CUTOFF	
<b>DISTRIBUTION:</b>	TYPE II, VERY SHORT	
<b>MAX CD, 90 DEG VERT:</b>	108.7	
<b>MAX CD, 80 TO &lt;90 DEG:</b>	429.7	
	LUMENS	% LAMP
<b>DOWNWARD STREET SIDE:</b>	4,499.1	49.9%
<b>DOWNWARD HOUSE SIDE:</b>	4,467.4	49.6%
<b>DOWNWARD TOTAL:</b>	8,966.5	99.5%
<b>UPWARD STREET SIDE:</b>	23.4	0.3%
<b>UPWARD HOUSE SIDE:</b>	25.2	0.3%
<b>UPWARD TOTAL:</b>	48.7	0.5%
<b>TOTAL LUMENS:</b>	9,015.2	100%

**LCS TABLE**

<b>BUG RATING</b>	<b>B3 - U2 - G2</b>	
<b>FORWARD LIGHT</b>	LUMENS	LUMENS %
LOW(0-30):	1,208.4	13.4%
MEDIUM(30-60):	2,466.0	27.4%
HIGH(60-80):	747.7	8.3%
VERY HIGH(80-90):	77.0	0.9%
<b>BACK LIGHT</b>		
LOW(0-30):	1,220.6	13.5%
MEDIUM(30-60):	2,441.7	27.1%
HIGH(60-80):	728.3	8.1%
VERY HIGH(80-90):	76.8	0.9%
<b>UPLIGHT</b>		
LOW(90-100):	33.0	0.4%
HIGH(100-180):	15.6	0.2%
<b>TRAPPED LIGHT:</b>	0.000	0%



OUTDOOR PHOTOMETRIC REPORT  
CATALOG: VT-7040 277V (LOW BAY)



OUTDOOR PHOTOMETRIC REPORT  
CATALOG: VT-7040 277V (LOW BAY)

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	330	345
0	2452	2452	2452	2452	2452	2452	2452	2452	2452	2452	2452	2452	2452	2452	2452	2452	2452	2452	2452	2452	2452	2452	2452	2452
5	2734	2695	2684	2584	2505	2434	2454	2555	2653	2729	2771	2790	2798	2793	2777	2734	2655	2557	2473	2448	2509	2578	2671	2684
10	2824	2831	2866	2859	2772	2548	2494	2712	2842	2857	2839	2817	2832	2826	2861	2876	2854	2712	2519	2567	2788	2873	2877	2834
15	2918	2873	2855	2864	2928	2722	2549	2859	2925	2882	2936	2975	3004	2988	2946	2885	2935	2866	2582	2747	2963	2889	2863	2874
20	3011	3020	3048	2938	2938	2877	2590	2956	2944	3041	3065	3024	3035	3053	3102	3046	2963	2974	2629	2918	2983	2972	3065	3034
25	2843	2877	2980	3067	2937	2957	2596	2983	3028	3072	2955	2821	2823	2868	3012	3132	3037	3009	2622	3002	2994	3111	3000	2904
30	2634	2664	2800	2974	3016	2932	2559	2921	3063	2942	2775	2642	2640	2684	2840	3027	3111	2975	2589	2989	3071	3017	2839	2694
35	2405	2472	2635	2819	2953	2840	2491	2837	2956	2765	2592	2403	2385	2449	2675	2858	3040	2886	2501	2897	3018	2862	2667	2494
40	2073	2170	2396	2633	2773	2684	2371	2734	2752	2580	2339	2077	2042	2121	2428	2678	2856	2759	2370	2750	2831	2674	2424	2184
45	1739	1832	2058	2398	2533	2550	2218	2592	2517	2331	1996	1738	1721	1783	2084	2439	2595	2622	2199	2620	2579	2443	2071	1834
50	1502	1534	1716	2064	2289	2381	2011	2358	2258	1962	1650	1475	1481	1500	1736	2080	2345	2432	1995	2441	2318	2103	1726	1534
55	1333	1361	1415	1722	1982	2122	1784	2075	1955	1597	1388	1288	1320	1301	1426	1710	2037	2164	1752	2159	2014	1740	1421	1361
60	1087	1129	1186	1335	1639	1809	1518	1734	1616	1247	1156	1034	1030	1078	1195	1329	1712	1825	1487	1844	1680	1368	1179	1156
65	598	649	773	1032	1258	1434	1234	1361	1233	927	706	598	595	646	811	1020	1330	1461	1209	1470	1300	1031	807	661
70	390	419	422	551	917	1047	929	1014	880	488	440	400	387	424	449	559	957	1085	915	1108	936	594	431	431
75	281	310	335	314	496	683	628	653	454	307	341	294	285	308	346	317	586	722	625	740	550	321	345	311
80	165	183	217	200	245	383	346	349	239	199	225	176	171	187	241	208	277	411	344	430	261	213	234	194
85	125	132	136	113	114	135	110	135	118	119	141	128	125	134	153	126	138	159	117	169	128	124	149	113
90	95	103	102	66	36	25	12	21	44	63	97	92	91	97	101	65	51	32	14	40	47	73	109	103
95	42	46	43	26	8	6	6	7	11	21	47	43	44	45	53	25	12	9	7	8	11	35	51	51
100	15	15	13	9	0	1	1	2	1	11	15	16	16	16	15	11	1	1	0	1	0	11	14	1
105	13	9	0	1	4	2	3	3	5	2	1	9	9	10	1	2	5	3	3	2	4	1	4	1
110	0	0	3	5	3	2	3	2	4	6	4	1	1	1	5	6	4	3	3	2	3	5	1	
115	6	6	5	3	2	1	2	2	3	5	6	7	7	7	6	5	3	2	2	2	2	4	5	
120	5	5	4	3	2	2	2	2	2	4	5	5	6	6	5	4	2	2	2	2	2	2	4	
125	4	3	3	2	2	2	2	2	2	3	4	4	5	4	4	2	2	2	2	2	1	1	3	
130	3	3	2	1	1	2	2	2	2	2	3	4	4	4	3	2	2	2	2	2	1	1	2	
135	2	2	1	1	1	2	2	2	2	2	3	3	3	3	2	2	2	2	1	1	1	1	1	
140	1	1	1	1	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	1	1	1	1	
145	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	
150	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	1	2	
155	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	3	2	2	2	2	2	2	
160	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	
165	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	
170	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	
175	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	
180	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	