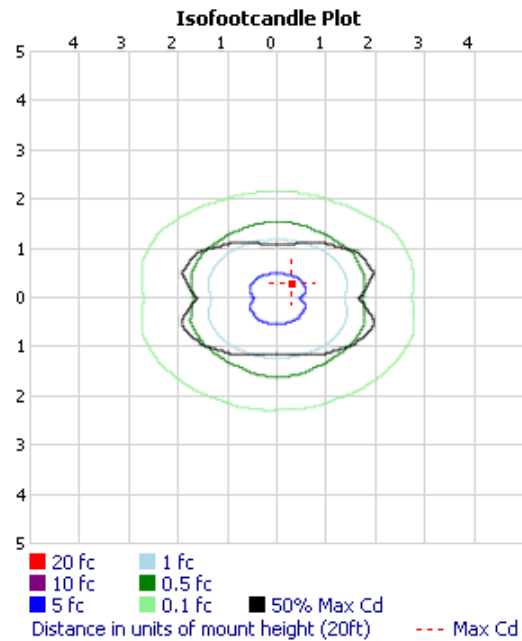
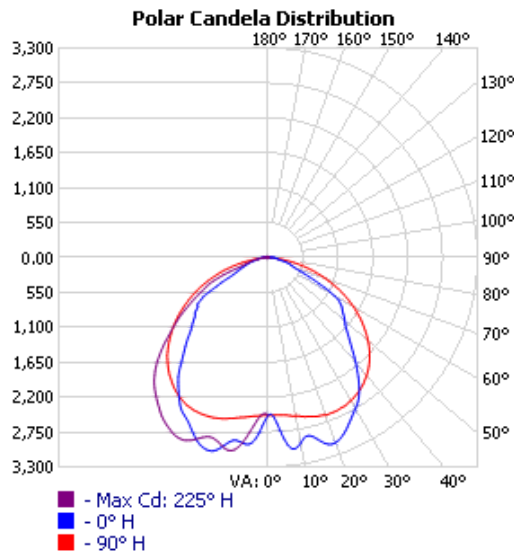


OUTDOOR PHOTOMETRIC REPORT

CATALOG: VT7050 277V (LOW BAY)

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 27 NOVEMBER 2019
CATALOG: VT7050 277V (LOW BAY)
DESCRIPTION: LED
LAMP: 120-277VAC,50/60HZ
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 9406.6
INPUT WATTAGE: 68.7419
LUMINOUS OPENING: RECTANGLE (L: 12.2", W: 5.51")
MAX CD: 3,263.0 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: VT7050 277V (LOW BAY)
ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,519.8	26.8%	26.8%
0-40	4,272.3	45.4%	45.4%
0-60	7,628.2	81.1%	81.1%
60-90	1,725.3	18.3%	18.3%
70-100	702.1	7.5%	7.5%
90-120	44.8	0.5%	0.5%
0-90	9,353.5	99.4%	99.4%
90-180	52.3	0.6%	0.6%
0-180	9,405.7	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	266.4	2.8%	90-100	35.8	0.4%
10-20	847.5	9.0%	100-110	5.3	0.1%
20-30	1,405.9	14.9%	110-120	3.8	0%
30-40	1,752.6	18.6%	120-130	2.6	0%
40-50	1,785.4	19.0%	130-140	1.6	0%
50-60	1,570.4	16.7%	140-150	1.3	0%
60-70	1,059.0	11.3%	150-160	1.1	0%
70-80	501.5	5.3%	160-170	0.7	0%
80-90	164.8	1.8%	170-180	0.2	0%

ROADWAY SUMMARY

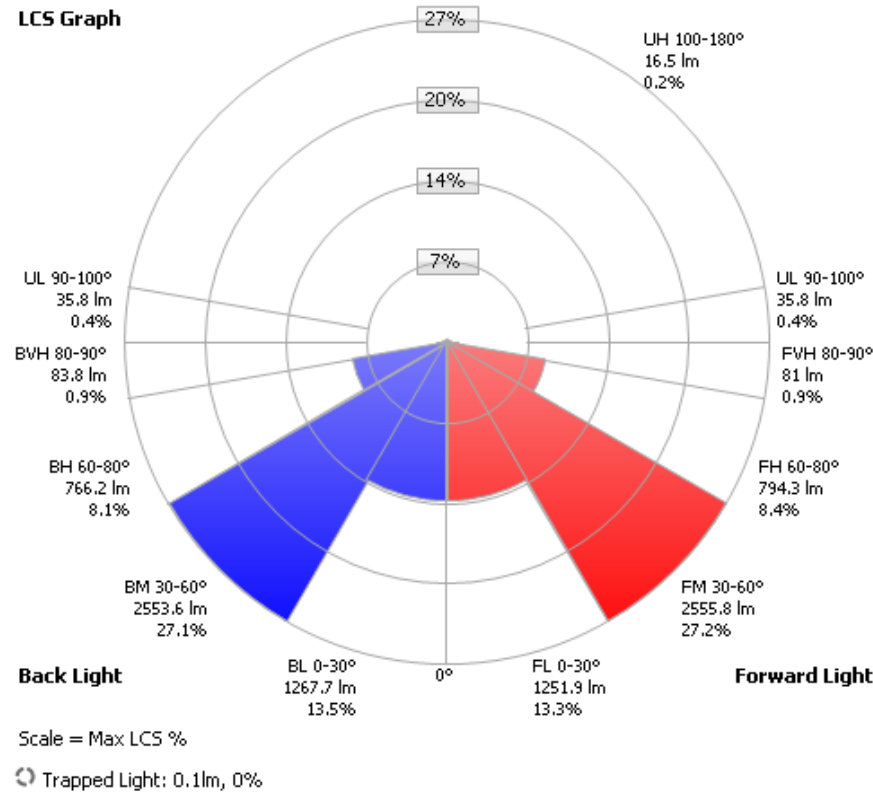
CUTOFF CLASSIFICATION:	CUTOFF	
DISTRIBUTION:	TYPE II, VERY SHORT	
MAX CD, 90 DEG VERT:	113.2	
MAX CD, 80 TO <90 DEG:	447.6	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	4,682.9	49.8%
DOWNWARD HOUSE SIDE:	4,671.4	49.7%
DOWNWARD TOTAL:	9,354.3	99.4%
UPWARD STREET SIDE:	25.1	0.3%
UPWARD HOUSE SIDE:	27.1	0.3%
UPWARD TOTAL:	52.2	0.6%
TOTAL LUMENS:	9,406.5	100%

LCS TABLE

BUG RATING	B3 - U2 - G2	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,251.9	13.3%
MEDIUM(30-60):	2,555.8	27.2%
HIGH(60-80):	794.3	8.4%
VERY HIGH(80-90):	81.0	0.9%
BACK LIGHT		
LOW(0-30):	1,267.7	13.5%
MEDIUM(30-60):	2,553.6	27.1%
HIGH(60-80):	766.2	8.1%
VERY HIGH(80-90):	83.8	0.9%
UPLIGHT		
LOW(90-100):	35.8	0.4%
HIGH(100-180):	16.5	0.2%
TRAPPED LIGHT:	0.1	0%



OUTDOOR PHOTOMETRIC REPORT
CATALOG: VT7050 277V (LOW BAY)



OUTDOOR PHOTOMETRIC REPORT
CATALOG: VT7050 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	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484
5	2867	2841	2794	2683	2577	2484	2492	2601	2722	2830	2890	2916	2927	2921	2891	2833	2726	2606	2505	2481	2568	2666	2793	2830
10	2961	2980	3036	3064	2930	2622	2533	2790	2976	2981	2951	2921	2923	2926	2959	2997	2984	2794	2558	2615	2929	3076	3061	2995
15	2956	2928	2897	2977	3142	2844	2588	2975	3050	2976	3048	3111	3137	3125	3062	2985	3054	2987	2626	2835	3168	3014	2926	2930
20	3103	3103	3097	2980	3074	3068	2638	3101	3054	3174	3203	3148	3139	3169	3216	3191	3069	3108	2671	3063	3125	3012	3128	3120
25	2950	2984	3074	3134	2991	3184	2638	3121	3152	3208	3085	2947	2921	2975	3112	3254	3168	3140	2675	3192	3047	3171	3099	3000
30	2748	2784	2913	3075	3062	3165	2604	3058	3213	3084	2898	2775	2750	2798	2929	3137	3253	3089	2640	3176	3100	3114	2948	2810
35	2503	2571	2739	2930	3046	3016	2530	2964	3107	2903	2736	2517	2475	2543	2772	2956	3155	2992	2554	3032	3071	2967	2774	2590
40	2144	2227	2480	2746	2876	2809	2417	2866	2914	2731	2477	2197	2117	2225	2514	2790	2954	2879	2420	2821	2907	2771	2515	2240
45	1806	1881	2106	2503	2659	2640	2260	2737	2661	2483	2105	1849	1791	1866	2151	2520	2693	2757	2250	2638	2667	2521	2143	1890
50	1580	1598	1767	2134	2395	2450	2058	2508	2408	2111	1756	1553	1534	1568	1796	2164	2448	2535	2037	2467	2397	2155	1790	1600
55	1424	1427	1483	1763	2087	2211	1821	2213	2094	1734	1442	1348	1353	1368	1478	1784	2125	2248	1797	2221	2085	1769	1497	1430
60	1213	1251	1260	1391	1719	1886	1557	1839	1749	1345	1224	1129	1068	1140	1244	1401	1767	1895	1532	1901	1740	1393	1258	1260
65	713	762	872	1069	1333	1513	1268	1488	1358	1028	737	582	566	595	786	1067	1398	1530	1248	1539	1337	1073	910	760
70	425	457	452	643	927	1141	963	1102	970	489	446	439	410	445	456	549	1010	1154	955	1143	961	640	493	460
75	314	340	357	328	545	738	654	714	514	327	366	319	302	327	372	341	580	771	657	767	554	340	370	340
80	177	199	234	217	245	418	366	396	278	216	250	195	183	200	254	226	295	440	371	448	257	225	244	200
85	130	138	148	123	113	156	124	153	137	128	157	142	135	144	158	134	148	171	130	175	124	129	151	140
90	102	109	112	72	39	33	13	25	48	70	108	103	98	106	108	71	56	34	14	41	46	75	113	110
95	47	50	51	35	11	7	7	8	12	24	51	46	45	48	55	28	13	9	7	8	11	36	55	50
100	15	15	14	10	0	1	1	2	1	12	16	17	17	17	16	12	1	2	1	2	0	11	14	10
105	14	9	1	1	4	2	4	3	5	2	1	11	14	11	1	2	5	3	3	2	4	1	3	10
110	0	0	1	5	3	2	3	2	4	6	2	1	1	1	2	6	4	3	3	2	3	5	1	
115	6	6	5	4	2	2	3	2	3	5	7	7	8	7	7	5	3	2	2	2	2	4	5	
120	5	5	4	3	2	2	3	2	2	4	5	6	7	6	5	4	2	2	2	2	2	2	3	
125	4	3	3	2	2	2	2	2	2	3	4	5	5	5	4	3	2	2	2	2	1	1	2	
130	3	2	2	1	2	2	2	2	2	2	3	4	5	4	3	2	2	2	2	2	1	1	2	
135	2	2	1	1	2	2	2	2	2	2	3	3	4	3	3	2	2	2	2	1	1	1	1	
140	1	1	1	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	1	1	
145	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	1	2		
150	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	3	2	2	2	2	2	
155	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	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	3	2	2	
180	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	