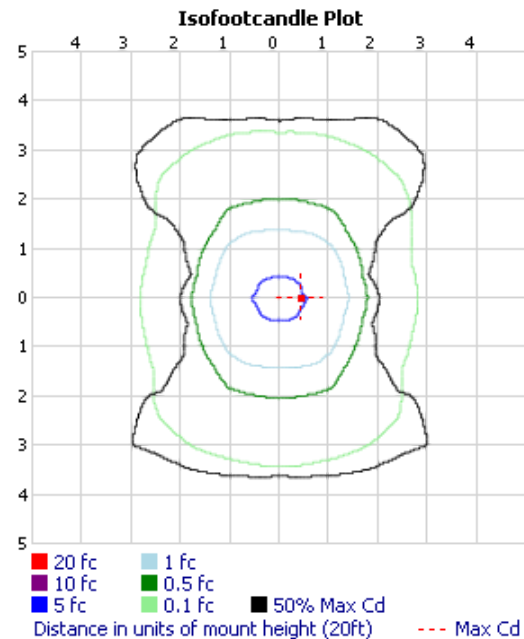
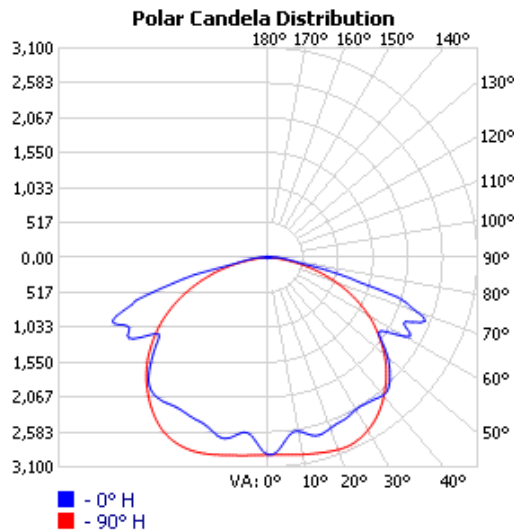


OUTDOOR PHOTOMETRIC REPORT

CATALOG: VT-9550 277V (PARKING GARAGE)

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 27 NOVEMBER 2019
CATALOG: VT-9550 277V (PARKING GARAGE)
DESCRIPTION: LED
LAMP: 120-277VAC,50/60HZ
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 11584
INPUT WATTAGE: 95.5037
LUMINOUS OPENING: RECTANGLE (L: 22.83", W: 5.51")
MAX CD: 3,074.6 AT HORIZONTAL: 270°, VERTICAL: 23°
CUTOFF CLASS: CUTOFF
ROADWAY CLASS: TYPE VS
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-9550 277V (PARKING GARAGE)

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,314.5	20%	20%
0-40	4,004.2	34.6%	34.6%
0-60	7,914.2	68.3%	68.3%
60-90	3,587.2	31%	31%
70-100	1,719.2	14.8%	14.8%
90-120	71.2	0.6%	0.6%
0-90	11,501.4	99.3%	99.3%
90-180	81.8	0.7%	0.7%
0-180	11,583.2	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	264.5	2.3%	90-100	51.6	0.4%
10-20	779.7	6.7%	100-110	11.2	0.1%
20-30	1,270.3	11.0%	110-120	8.4	0.1%
30-40	1,689.7	14.6%	120-130	5.0	0%
40-50	1,963.7	17.0%	130-140	2.3	0%
50-60	1,946.3	16.8%	140-150	1.3	0%
60-70	1,919.6	16.6%	150-160	1.0	0%
70-80	1,353.6	11.7%	160-170	0.7	0%
80-90	314.0	2.7%	170-180	0.2	0%

ROADWAY SUMMARY

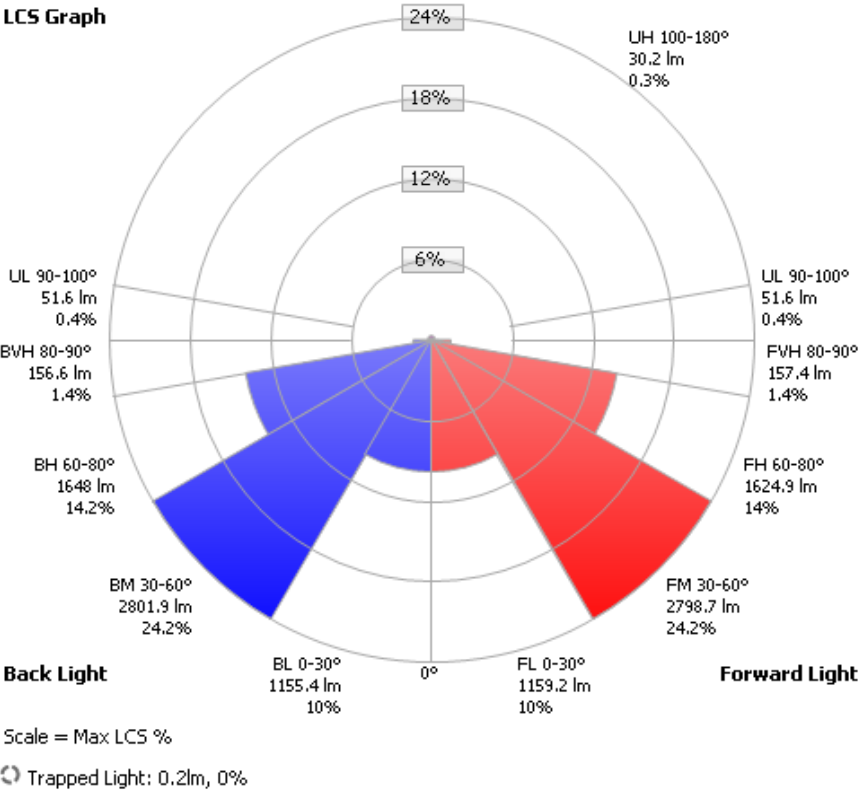
CUTOFF CLASSIFICATION:	CUTOFF
DISTRIBUTION:	TYPE VS
MAX CD, 90 DEG VERT:	157.9
MAX CD, 80 TO <90 DEG:	865.0
	LUMENS % LAMP
DOWNWARD STREET SIDE:	5,740.1 49.6%
DOWNWARD HOUSE SIDE:	5,761.8 49.7%
DOWNWARD TOTAL:	11,502.0 99.3%
UPWARD STREET SIDE:	42.1 0.4%
UPWARD HOUSE SIDE:	39.7 0.3%
UPWARD TOTAL:	81.8 0.7%
TOTAL LUMENS:	11,583.8 100%

LCS TABLE

BUG RATING	B3 - U3 - G2
FORWARD LIGHT	LUMENS LUMENS %
LOW(0-30):	1,159.2 10%
MEDIUM(30-60):	2,798.7 24.2%
HIGH(60-80):	1,624.9 14%
VERY HIGH(80-90):	157.4 1.4%
BACK LIGHT	
LOW(0-30):	1,155.4 10%
MEDIUM(30-60):	2,801.9 24.2%
HIGH(60-80):	1,648.0 14.2%
VERY HIGH(80-90):	156.6 1.4%
UPLIGHT	
LOW(90-100):	51.6 0.4%
HIGH(100-180):	30.2 0.3%
TRAPPED LIGHT:	0.2 0%



OUTDOOR PHOTOMETRIC REPORT
CATALOG: VT-9550 277V (PARKING GARAGE)



OUTDOOR PHOTOMETRIC REPORT
 CATALOG: VT-9550 277V (PARKING GARAGE)

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	34
0	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919
5	2741	2757	2774	2838	2886	2932	2930	2883	2812	2737	2698	2667	2664	2673	2716	2762	2838	2898	2937	2935	2891	2845	2781	276
10	2609	2605	2605	2655	2769	2923	2958	2822	2671	2619	2627	2656	2661	2656	2630	2633	2711	2867	2971	2918	2767	2661	2613	261
15	2728	2722	2699	2641	2667	2891	2990	2753	2639	2721	2762	2757	2752	2764	2761	2710	2660	2828	3020	2878	2668	2658	2711	273
20	2688	2707	2746	2741	2658	2847	3026	2703	2722	2796	2728	2668	2656	2683	2754	2811	2718	2790	3064	2823	2685	2765	2750	271
25	2648	2669	2706	2770	2711	2777	3022	2676	2804	2752	2677	2640	2622	2645	2695	2795	2805	2747	3071	2762	2761	2788	2711	267
30	2598	2637	2709	2744	2745	2685	2951	2645	2796	2730	2687	2620	2598	2633	2705	2755	2831	2699	3023	2699	2798	2763	2710	262
35	2607	2638	2706	2730	2710	2563	2831	2582	2714	2748	2688	2640	2627	2653	2711	2750	2773	2623	2909	2604	2754	2766	2696	262
40	2658	2681	2728	2706	2596	2409	2666	2470	2601	2734	2724	2669	2638	2687	2739	2735	2654	2496	2744	2474	2644	2757	2709	267
45	2548	2640	2743	2669	2431	2224	2473	2304	2477	2692	2725	2575	2503	2613	2741	2690	2498	2324	2552	2317	2493	2722	2727	262
50	2315	2445	2630	2566	2226	2030	2250	2103	2314	2594	2589	2315	2227	2372	2643	2585	2312	2119	2328	2133	2321	2629	2601	242
55	2007	2166	2436	2397	2016	1824	1995	1870	2125	2418	2334	2048	1978	2109	2408	2429	2097	1890	2066	1925	2130	2446	2399	213
60	2337	2294	2203	2130	1786	1584	1723	1615	1898	2131	2312	2409	2383	2395	2235	2149	1866	1634	1778	1687	1909	2190	2184	227
65	2239	2256	2497	1838	1506	1323	1411	1328	1596	2167	2423	2355	2357	2308	2506	1896	1598	1360	1457	1407	1605	1939	2456	222
70	2346	2405	2334	1959	1153	1042	1073	1029	1284	2035	2374	2289	2275	2322	2361	1996	1242	1076	1116	1123	1260	2029	2341	236
75	1388	1537	1756	1720	1097	733	728	708	1202	1681	1779	1464	1444	1566	1828	1771	1160	768	768	795	1207	1718	1769	152
80	518	562	671	765	699	447	404	506	811	791	610	492	481	615	746	857	865	477	438	523	820	841	682	56
85	275	292	278	258	193	195	144	180	227	248	288	267	263	281	309	276	291	230	169	256	249	297	307	29
90	151	154	137	109	66	34	24	37	72	101	136	136	137	142	144	114	87	54	32	58	93	132	154	15
95	75	71	54	33	20	12	11	13	21	30	50	57	62	59	54	34	26	20	17	21	28	47	65	7
100	40	38	33	16	1	1	1	3	1	22	31	34	34	33	30	20	1	9	8	2	8	28	36	4
105	33	22	10	2	8	3	6	6	10	3	2	18	12	16	2	4	11	7	7	6	12	2	14	2
110	1	1	1	12	6	3	4	4	8	12	14	2	2	2	16	12	8	5	6	4	9	14	1	
115	12	15	14	9	4	2	4	3	6	10	14	14	17	14	13	10	6	4	5	3	6	11	15	1
120	14	12	10	7	3	2	3	3	4	7	10	11	14	11	10	7	4	4	4	3	4	8	11	1
125	10	9	7	4	2	2	3	3	3	5	7	9	11	9	7	4	3	3	3	3	2	5	8	
130	7	6	4	2	2	2	3	2	2	4	6	7	8	7	5	3	2	2	2	2	2	3	5	
135	5	4	3	2	2	2	2	2	2	3	4	5	6	5	3	2	2	2	2	2	2	2	3	
140	3	2	2	2	2	2	2	2	2	2	3	4	4	3	2	2	2	2	2	2	2	2	2	
145	2	2	2	2	2	2	2	2	2	3	2	3	3	2	2	2	2	2	2	2	2	2	2	
150	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	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	2	3	2	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	

