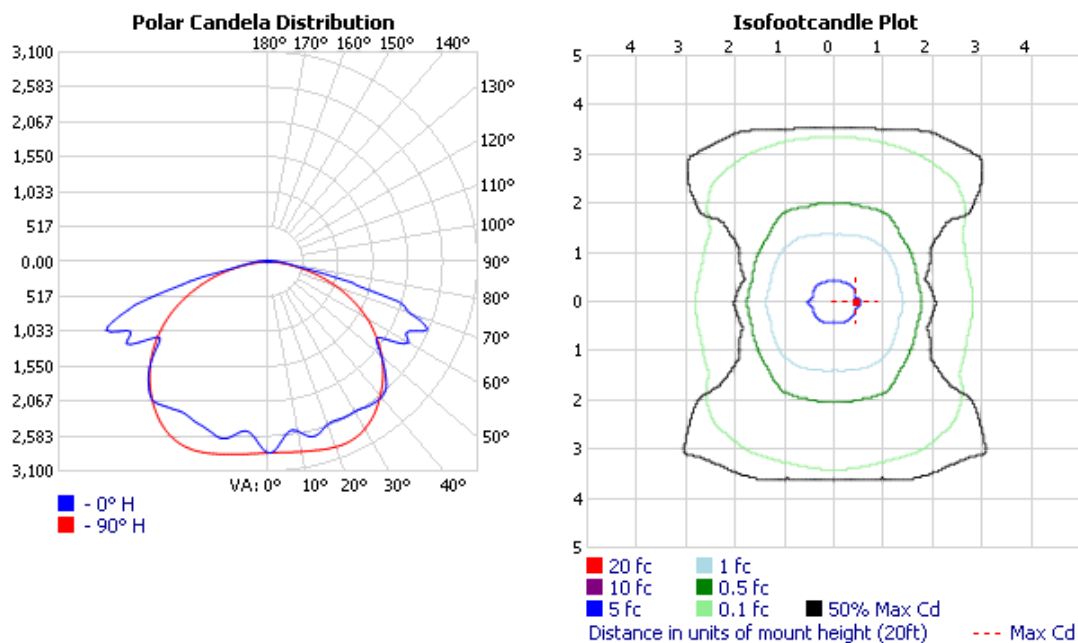


OUTDOOR PHOTOMETRIC REPORT

CATALOG: VT-9540 277V (PARKING GARAGE)

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 27 NOVEMBER 2019
CATALOG: VT-9540 277V (PARKING GARAGE)
DESCRIPTION: LED
LAMP: 120-277VAC,50/60HZ
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 11452
INPUT WATTAGE: 95.2564
LUMINOUS OPENING: RECTANGLE (L: 22.83", W: 5.51")
MAX CD: 3,002.8 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-9540 277V (PARKING GARAGE)

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,254.5	19.7%	19.7%
0-40	3,917.4	34.2%	34.2%
0-60	7,780.4	67.9%	67.9%
60-90	3,588.2	31.3%	31.3%
70-100	1,705.4	14.9%	14.9%
90-120	73.4	0.6%	0.6%
0-90	11,368.7	99.3%	99.3%
90-180	83.5	0.7%	0.7%
0-180	11,452.1	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	255.6	2.2%	90-100	54.8	0.5%
10-20	758.8	6.6%	100-110	10.6	0.1%
20-30	1,240.1	10.8%	110-120	8.0	0.1%
30-40	1,663.0	14.5%	120-130	4.8	0%
40-50	1,935.5	16.9%	130-140	2.2	0%
50-60	1,927.5	16.8%	140-150	1.3	0%
60-70	1,937.7	16.9%	150-160	1.0	0%
70-80	1,341.0	11.7%	160-170	0.7	0%
80-90	309.6	2.7%	170-180	0.2	0%

ROADWAY SUMMARY

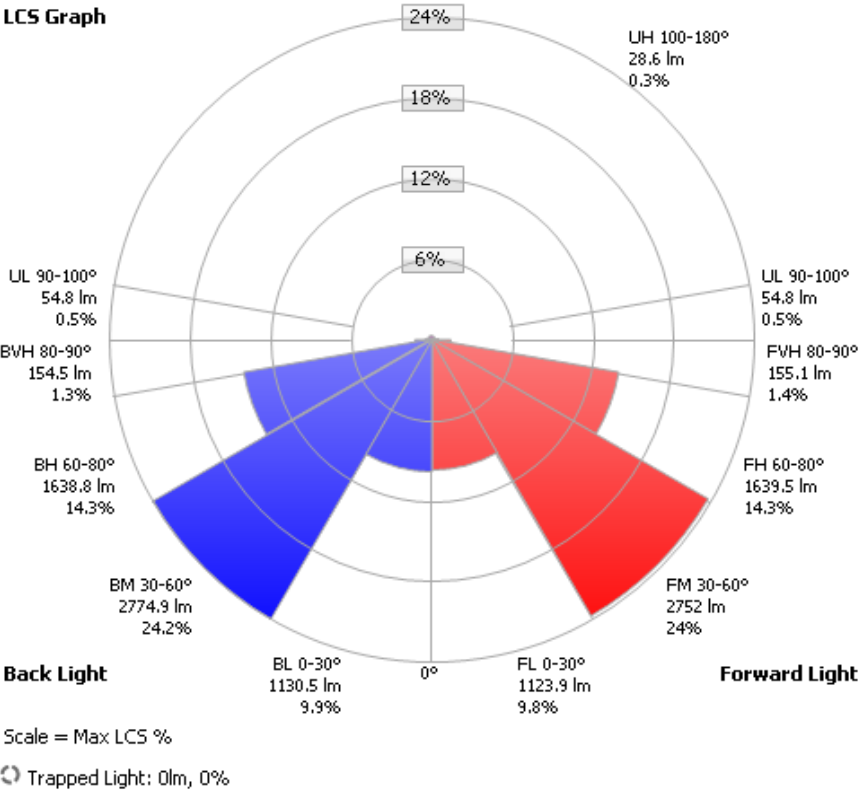
CUTOFF CLASSIFICATION:	CUTOFF
DISTRIBUTION:	TYPE VS
MAX CD, 90 DEG VERT:	155.4
MAX CD, 80 TO <90 DEG:	895.1
	LUMENS % LAMP
DOWNWARD STREET SIDE:	5,670.5 49.5%
DOWNWARD HOUSE SIDE:	5,698.8 49.8%
DOWNWARD TOTAL:	11,369.3 99.3%
UPWARD STREET SIDE:	40.2 0.4%
UPWARD HOUSE SIDE:	43.3 0.4%
UPWARD TOTAL:	83.4 0.7%
TOTAL LUMENS:	11,452.7 100%

LCS TABLE

BUG RATING	B3 - U3 - G2	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,123.9	9.8%
MEDIUM(30-60):	2,752.0	24%
HIGH(60-80):	1,639.5	14.3%
VERY HIGH(80-90):	155.1	1.4%
BACK LIGHT		
LOW(0-30):	1,130.5	9.9%
MEDIUM(30-60):	2,774.9	24.2%
HIGH(60-80):	1,638.8	14.3%
VERY HIGH(80-90):	154.5	1.3%
UPLIGHT		
LOW(90-100):	54.8	0.5%
HIGH(100-180):	28.6	0.3%
TRAPPED LIGHT:	0.000	0%



OUTDOOR PHOTOMETRIC REPORT
CATALOG: VT-9540 277V (PARKING GARAGE)



OUTDOOR PHOTOMETRIC REPORT
CATALOG: VT-9540 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	2832	2832	2832	2832	2832	2832	2832	2832	2832	2832	2832	2832	2832	2832	2832	2832	2832	2832	2832	2832	2832	2832	2832	2832
5	2620	2633	2660	2714	2775	2825	2836	2788	2720	2653	2613	2588	2586	2594	2628	2677	2750	2815	2855	2850	2800	2737	2674	264
10	2550	2539	2522	2537	2632	2793	2855	2726	2586	2529	2541	2571	2578	2574	2555	2557	2631	2782	2897	2836	2668	2567	2541	254
15	2674	2677	2656	2577	2545	2740	2888	2667	2546	2616	2689	2706	2706	2718	2711	2642	2594	2742	2947	2793	2588	2618	2684	268
20	2569	2585	2646	2689	2578	2681	2919	2620	2613	2719	2688	2649	2641	2670	2731	2766	2656	2706	2992	2738	2632	2743	2684	260
25	2563	2566	2582	2665	2664	2621	2919	2591	2704	2707	2647	2612	2601	2641	2696	2774	2758	2671	2999	2682	2731	2725	2627	258
30	2563	2579	2625	2620	2692	2560	2860	2550	2729	2683	2637	2577	2568	2611	2696	2753	2799	2624	2947	2631	2763	2687	2669	260
35	2606	2613	2646	2645	2636	2471	2744	2476	2678	2682	2648	2623	2622	2663	2710	2753	2759	2540	2831	2551	2713	2717	2692	263
40	2615	2640	2679	2653	2524	2335	2585	2361	2562	2683	2684	2685	2670	2727	2751	2744	2641	2412	2670	2422	2604	2720	2733	267
45	2472	2558	2680	2631	2386	2165	2405	2214	2417	2638	2702	2564	2509	2627	2780	2707	2477	2251	2482	2251	2470	2694	2739	260
50	2197	2311	2557	2532	2208	1982	2196	2039	2266	2554	2557	2338	2248	2410	2651	2608	2290	2068	2267	2065	2283	2592	2616	234
55	1968	2065	2332	2365	2014	1790	1958	1832	2079	2347	2341	2041	1962	2100	2439	2400	2100	1858	2021	1858	2087	2426	2377	208
60	2396	2421	2299	2088	1790	1566	1698	1583	1863	2105	2283	2460	2426	2463	2292	2153	1875	1613	1746	1635	1855	2140	2313	241
65	2423	2345	2444	2015	1514	1318	1398	1314	1552	2062	2410	2372	2442	2361	2481	1957	1585	1346	1438	1374	1575	2036	2432	234
70	2238	2307	2420	1997	1171	1041	1076	1031	1222	1975	2447	2325	2335	2345	2447	2009	1227	1070	1109	1088	1225	2043	2404	229
75	1360	1436	1807	1710	1158	726	738	713	1168	1688	1693	1323	1321	1400	1749	1774	1205	761	773	773	1197	1731	1814	148
80	463	492	671	805	750	487	412	504	796	683	556	500	484	518	633	807	843	488	444	514	831	895	655	51
85	259	277	281	261	203	208	149	183	222	249	287	270	267	286	307	276	262	230	172	258	244	288	302	28
90	141	145	136	108	70	38	25	40	79	114	146	149	150	155	154	125	91	56	31	55	89	125	151	15
95	71	68	56	35	20	13	12	14	22	39	62	74	77	77	67	46	26	20	17	20	25	44	65	7
100	33	32	28	11	1	2	1	2	1	22	32	35	37	36	33	22	1	8	8	3	7	23	30	3
105	28	10	9	2	8	4	6	5	10	3	2	21	12	21	2	4	11	7	7	6	11	2	14	1
110	1	1	2	11	7	3	5	4	7	12	8	2	2	2	13	13	9	6	6	5	8	12	2	
115	15	14	12	9	5	2	4	3	5	9	14	15	16	15	13	10	6	5	5	4	6	10	13	1
120	13	11	9	6	3	2	3	3	3	6	10	11	13	12	9	7	4	4	4	3	4	7	10	1
125	10	9	7	4	2	2	3	3	2	4	7	8	10	9	6	4	3	4	4	3	3	4	7	
130	7	6	5	2	2	2	2	2	2	2	4	6	7	6	4	2	2	3	3	2	2	2	5	
135	5	4	3	2	2	2	2	2	2	2	3	4	5	4	3	2	2	2	2	2	2	2	3	
140	3	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	
145	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
150	2	2	2	2	2	2	2	2	2	3	3	3	2	2	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	2	2	2	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	