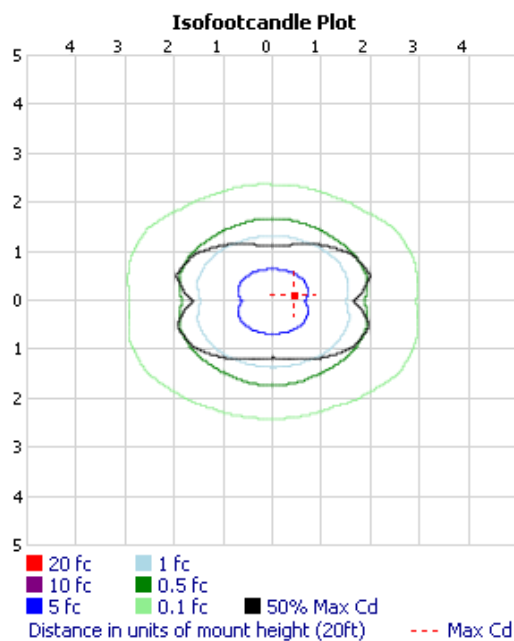
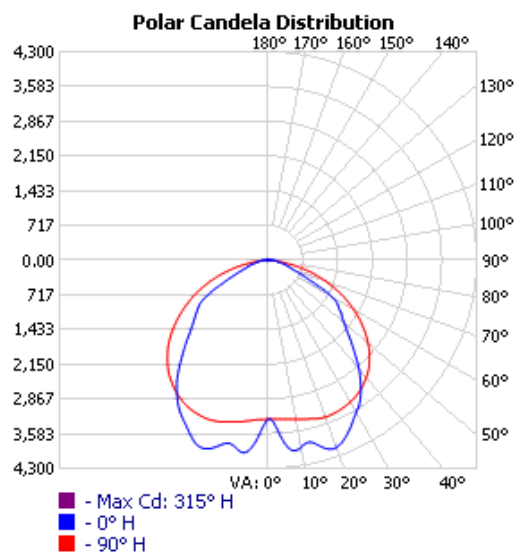


OUTDOOR PHOTOMETRIC REPORT

CATALOG: VT-9540 277V (LOW BAY)

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
 TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
 TEST DATE: 27 NOVEMBER 2019
 CATALOG: VT-9540 277V (LOW BAY)
 DESCRIPTION: LED
 LAMP: 120-277VAC,50/60HZ
 LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 12435
 INPUT WATTAGE: 95.2991
 LUMINOUS OPENING: RECTANGLE (L: 22.83", W: 5.51")
 MAX CD: 4,245.7 AT HORIZONTAL: 315°, VERTICAL: 25°
 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-9540 277V (LOW BAY)
ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	3,322.5	26.7%	26.7%
0-40	5,636.5	45.3%	45.3%
0-60	10,076.2	81%	81%
60-90	2,290.0	18.4%	18.4%
70-100	919.0	7.4%	7.4%
90-120	57.4	0.5%	0.5%
0-90	12,366.3	99.4%	99.5%
90-180	67.2	0.5%	0.5%
0-180	12,433.5	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	352.7	2.8%	90-100	45.5	0.4%
10-20	1,116.5	9.0%	100-110	6.9	0.1%
20-30	1,853.4	14.9%	110-120	5.0	0%
30-40	2,314.0	18.6%	120-130	3.4	0%
40-50	2,367.7	19.0%	130-140	2.1	0%
50-60	2,072.0	16.7%	140-150	1.7	0%
60-70	1,416.5	11.4%	150-160	1.4	0%
70-80	659.0	5.3%	160-170	0.9	0%
80-90	214.5	1.7%	170-180	0.3	0%

ROADWAY SUMMARY

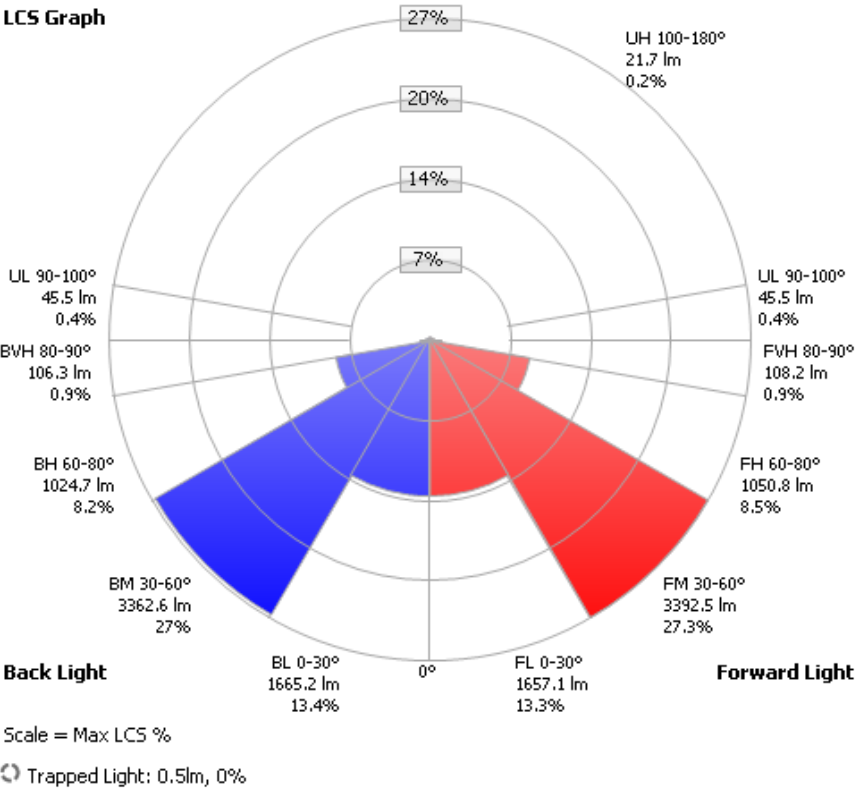
CUTOFF CLASSIFICATION:	CUTOFF	
DISTRIBUTION:	TYPE II, VERY SHORT	
MAX CD, 90 DEG VERT:	146.2	
MAX CD, 80 TO <90 DEG:	585.2	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	6,208.5	49.9%
DOWNWARD HOUSE SIDE:	6,158.8	49.5%
DOWNWARD TOTAL:	12,367.3	99.5%
UPWARD STREET SIDE:	33.7	0.3%
UPWARD HOUSE SIDE:	33.5	0.3%
UPWARD TOTAL:	67.2	0.5%
TOTAL LUMENS:	12,434.5	100%

LCS TABLE

BUG RATING	B3 - U2 - G3	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,657.1	13.3%
MEDIUM(30-60):	3,392.5	27.3%
HIGH(60-80):	1,050.8	8.5%
VERY HIGH(80-90):	108.2	0.9%
BACK LIGHT		
LOW(0-30):	1,665.2	13.4%
MEDIUM(30-60):	3,362.6	27%
HIGH(60-80):	1,024.7	8.2%
VERY HIGH(80-90):	106.3	0.9%
UPLIGHT		
LOW(90-100):	45.5	0.4%
HIGH(100-180):	21.7	0.2%
TRAPPED LIGHT:	0.5	0%



OUTDOOR PHOTOMETRIC REPORT
CATALOG: VT-9540 277V (LOW BAY)



OUTDOOR PHOTOMETRIC REPORT
 CATALOG: VT-9540 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	3280	3280	3280	3280	3280	3280	3280	3280	3280	3280	3280	3280	3280	3280	3280	3280	3280	3280	3280	3280	3280	3280	3280	3280
5	3778	3753	3694	3566	3431	3306	3291	3403	3565	3716	3810	3867	3879	3865	3807	3709	3550	3400	3311	3320	3435	3573	3700	3778
10	3917	3933	3985	3982	3828	3475	3335	3634	3946	4037	3992	3929	3918	3951	4029	4072	3952	3632	3385	3531	3871	4025	4016	3917
15	3946	3915	3883	3951	4061	3719	3389	3899	4110	3940	3912	3949	3969	3965	3941	4002	4160	3889	3453	3806	4138	4017	3934	3946
20	4113	4128	4114	3973	4057	3963	3445	4114	4049	4022	4107	4116	4107	4143	4150	4057	4140	4099	3506	4060	4142	4064	4173	4113
25	3912	3968	4075	4170	4006	4074	3431	4186	4041	4155	4054	3930	3887	3974	4124	4208	4096	4185	3491	4180	4092	4246	4134	4057
30	3630	3687	3863	4086	4069	4056	3381	4108	4094	4059	3825	3672	3630	3720	3908	4136	4132	4151	3428	4141	4158	4148	3921	3716
35	3331	3417	3629	3877	4032	3931	3292	3938	4025	3837	3593	3346	3286	3399	3671	3924	4072	4004	3315	3980	4090	3931	3674	3417
40	2907	3014	3324	3608	3820	3725	3149	3745	3807	3583	3245	2926	2843	2987	3344	3664	3871	3790	3154	3758	3857	3653	3358	3014
45	2439	2544	2901	3316	3511	3521	2952	3552	3488	3247	2781	2458	2386	2509	2891	3325	3543	3561	2938	3560	3527	3343	2908	2544
50	2067	2129	2420	2907	3143	3286	2696	3259	3134	2786	2318	2075	2023	2094	2413	2903	3194	3292	2680	3297	3157	2901	2430	2129
55	1810	1834	1984	2421	2760	2934	2382	2886	2725	2287	1912	1789	1780	1803	1964	2402	2776	2937	2365	2916	2761	2394	1996	1810
60	1524	1577	1620	1921	2323	2495	2035	2432	2236	1792	1584	1479	1440	1495	1606	1896	2350	2507	2022	2483	2307	1908	1637	1524
65	898	952	1149	1484	1801	1991	1664	1958	1738	1336	1069	905	871	927	1153	1431	1844	2039	1660	2015	1813	1447	1201	898
70	527	561	596	865	1320	1470	1263	1447	1242	771	598	551	523	576	638	849	1367	1498	1274	1489	1326	913	628	527
75	380	409	436	436	795	976	850	942	699	421	439	393	373	409	451	454	838	1006	880	1012	820	455	456	380
80	230	252	296	271	373	535	457	507	339	267	296	243	233	259	314	281	411	565	501	585	380	295	313	230
85	174	185	191	154	177	196	139	194	167	160	194	178	170	186	200	168	209	221	185	239	194	173	205	174
90	126	136	135	89	59	36	15	32	60	86	132	126	121	133	132	88	76	51	23	54	76	103	146	126
95	59	62	60	31	13	8	8	9	15	31	63	58	58	62	70	36	18	14	13	14	17	50	70	59
100	20	20	19	14	1	1	2	2	1	15	20	21	21	21	20	14	1	5	4	2	5	16	19	20
105	18	16	6	1	5	3	4	4	6	2	1	13	7	13	1	3	7	5	5	4	7	1	8	18
110	1	1	1	7	4	2	4	3	5	7	6	1	1	1	8	7	5	4	4	3	5	7	1	1
115	9	9	8	6	3	2	3	3	3	5	7	8	9	8	7	5	4	4	4	3	4	6	8	9
120	8	7	6	4	3	2	3	3	2	4	5	6	7	6	5	4	3	3	3	3	3	5	6	8
125	6	6	5	3	2	2	3	3	2	3	4	5	6	5	4	2	3	3	3	2	2	3	5	6
130	5	5	4	2	2	2	3	3	2	2	3	4	4	4	3	2	2	3	3	2	2	2	4	5
135	4	4	3	2	2	2	3	3	3	3	3	3	3	3	2	2	2	3	2	2	2	2	3	4
140	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3
145	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3
150	2	2	2	2	2	2	3	3	3	4	4	4	4	3	3	3	3	3	2	2	2	2	2	3
155	2	2	2	2	3	2	4	4	4	4	4	4	4	4	4	3	4	3	2	2	2	2	2	3
160	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	2	2	3
165	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3
170	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3
175	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3
180	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

