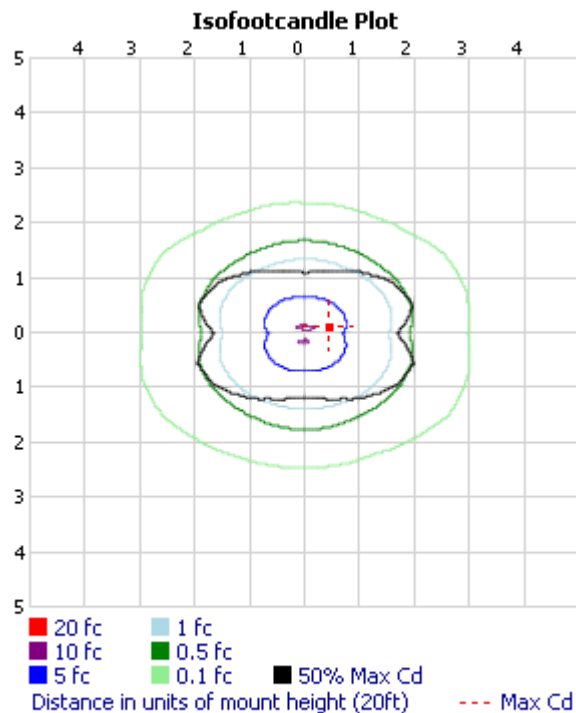
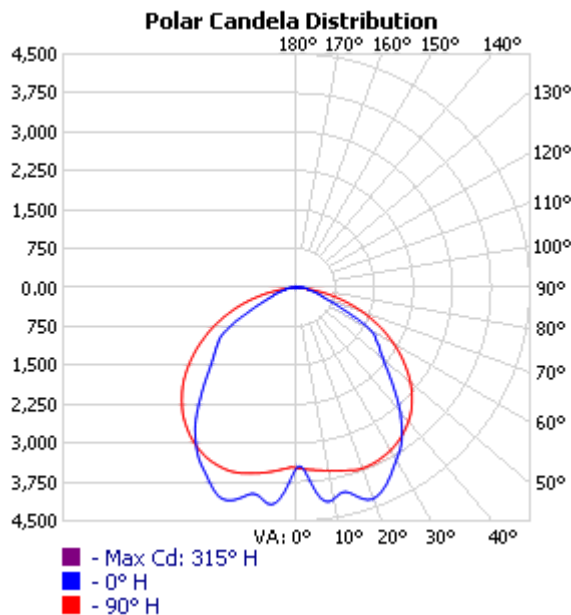


OUTDOOR PHOTOMETRIC REPORT

CATALOG: VT-9550 277V (LOW BAY)

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 27 NOVEMBER 2019
CATALOG: VT-9550 277V (LOW BAY)
DESCRIPTION: LED
LAMP: 120-277VAC,50/60HZ
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 13063
INPUT WATTAGE: 95.362
LUMINOUS OPENING: RECTANGLE (L: 22.83", W: 5.51")
MAX CD: 4,459.5 AT HORIZONTAL: 315°, VERTICAL: 26°
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-9550 277V (LOW BAY)
ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	3,489.2	26.7%	26.7%
0-40	5,919.8	45.3%	45.3%
0-60	10,585.0	81%	81%
60-90	2,407.4	18.4%	18.4%
70-100	966.6	7.4%	7.4%
90-120	60.6	0.5%	0.5%
0-90	12,992.3	99.5%	99.5%
90-180	70.9	0.5%	0.5%
0-180	13,063.2	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	370.6	2.8%	90-100	48.1	0.4%
10-20	1,172.7	9.0%	100-110	7.3	0.1%
20-30	1,945.9	14.9%	110-120	5.2	0%
30-40	2,430.6	18.6%	120-130	3.5	0%
40-50	2,488.0	19.0%	130-140	2.2	0%
50-60	2,177.2	16.7%	140-150	1.8	0%
60-70	1,488.9	11.4%	150-160	1.4	0%
70-80	693.0	5.3%	160-170	1.0	0%
80-90	225.5	1.7%	170-180	0.3	0%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION: CUTOFF

DISTRIBUTION: TYPE II, VERY SHORT

MAX CD, 90 DEG VERT: 158.3

MAX CD, 80 TO <90 DEG: 625.2

	LUMENS	% LAMP
DOWNWARD STREET SIDE:	6,576.1	50.3%
DOWNWARD HOUSE SIDE:	6,416.2	49.1%
DOWNWARD TOTAL:	12,992.3	99.5%
UPWARD STREET SIDE:	37.5	0.3%
UPWARD HOUSE SIDE:	33.3	0.3%
UPWARD TOTAL:	70.8	0.5%
TOTAL LUMENS:	13,063.1	100%

LCS TABLE**BUG RATING****B3 - U2 - G3****FORWARD LIGHT**

LOW(0-30):	1,737.0	13.3%
MEDIUM(30-60):	3,591.0	27.5%
HIGH(60-80):	1,130.7	8.7%
VERY HIGH(80-90):	117.3	0.9%

BACK LIGHT

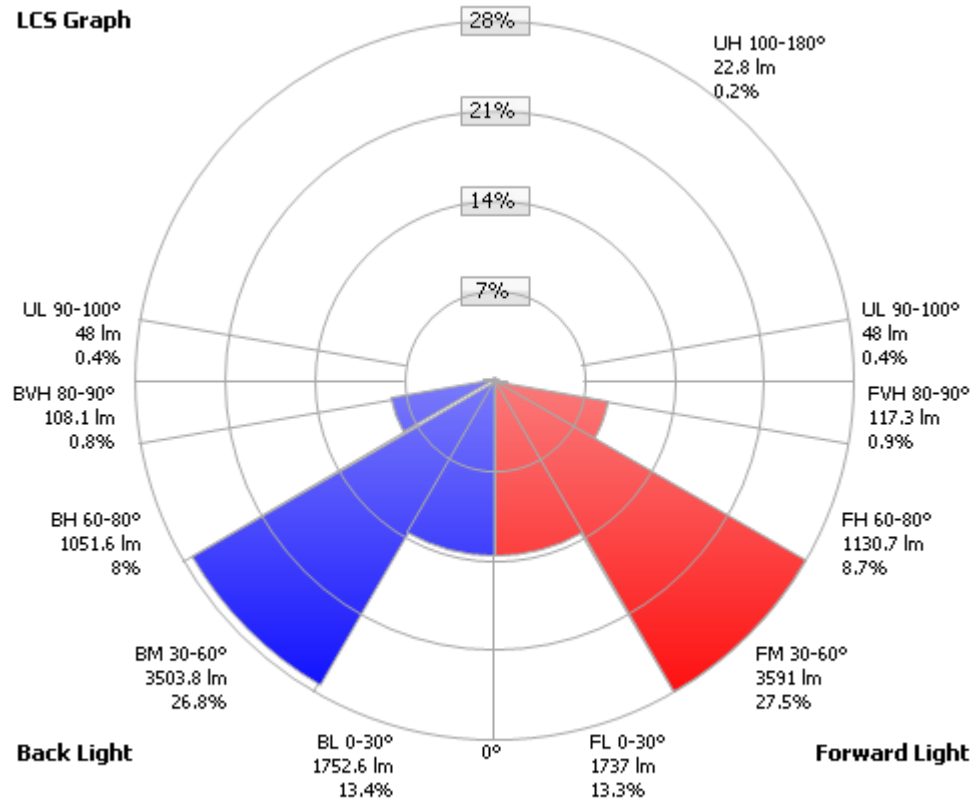
LOW(0-30):	1,752.6	13.4%
MEDIUM(30-60):	3,503.8	26.8%
HIGH(60-80):	1,051.6	8%
VERY HIGH(80-90):	108.1	0.8%

UPLIGHT

LOW(90-100):	48.0	0.4%
HIGH(100-180):	22.8	0.2%

TRAPPED LIGHT: 0.000 0%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: VT-9550 277V (LOW BAY)

LCS Graph

Scale = Max LCS %

Trapped Light: 0lm, 0%



VISUAL PHOTOMETRIC TOOL

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: VT-9550 277V (LOW BAY)

CANDELA TABLE - TYPE C

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	3481	3481	3481	3481	3481	3481	3481	3481	3481	3481	3481	3481	3481
5	3894	3781	3533	3525	3833	4055	4121	4041	3794	3522	3571	3802	3894
10	4135	4165	3918	3587	4180	4173	4095	4195	4163	3621	3998	4216	4135
15	4114	4071	4186	3651	4301	4135	4197	4147	4322	3703	4303	4143	4114
20	4324	4278	4232	3707	4267	4322	4305	4350	4318	3760	4358	4361	4324
25	4140	4282	4200	3685	4276	4239	4053	4294	4297	3741	4325	4363	4140
30	3840	4074	4252	3620	4312	3999	3782	4064	4322	3666	4380	4153	3840
35	3540	3826	4213	3514	4221	3742	3412	3808	4242	3538	4311	3891	3540
40	3101	3518	4000	3355	3985	3369	2934	3459	4021	3360	4071	3572	3101
45	2609	3088	3686	3142	3652	2880	2462	2975	3681	3128	3735	3111	2609
50	2199	2585	3308	2867	3269	2395	2098	2482	3309	2851	3352	2606	2199
55	1931	2125	2910	2531	2838	1984	1848	2026	2871	2515	2933	2140	1931
60	1651	1739	2450	2160	2326	1634	1464	1655	2418	2147	2454	1763	1651
65	1003	1264	1917	1765	1798	1065	866	1128	1895	1761	1933	1321	1003
70	576	662	1402	1338	1276	606	528	648	1391	1350	1421	710	576
75	413	466	859	900	710	450	375	461	842	931	894	489	413
80	255	324	405	483	346	299	237	315	417	531	415	344	255
85	187	205	194	147	170	194	174	199	209	196	213	221	187
90	138	146	66	16	59	134	120	134	74	24	85	158	138
95	69	70	14	9	15	56	54	63	19	13	20	82	69
100	22	20	1	2	2	21	22	21	2	4	6	21	22
105	20	9	6	5	6	2	4	2	7	5	7	11	20
110	1	1	5	4	5	7	1	9	5	5	6	1	1
115	8	8	4	3	3	7	9	7	4	4	4	8	8
120	8	7	3	3	3	5	7	5	3	4	3	6	8
125	7	5	2	3	3	4	6	4	3	3	2	5	7
130	6	4	2	3	3	3	5	3	2	3	2	4	6
135	4	3	2	3	3	3	3	3	3	2	2	3	4
140	3	2	2	3	3	3	3	3	3	2	2	2	3
145	2	2	2	3	3	3	3	3	3	2	2	2	2
150	2	2	2	4	4	4	4	3	3	2	2	2	2
155	2	3	3	4	4	4	4	4	4	3	3	2	2
160	2	3	3	4	4	4	4	4	4	3	3	3	2
165	3	3	3	4	4	4	4	4	4	3	3	3	3
170	3	3	3	4	4	4	4	4	4	3	3	3	3
175	3	3	3	4	4	4	4	4	4	3	3	3	3
180	3	3	3	3	3	3	3	3	3	3	3	3	3

