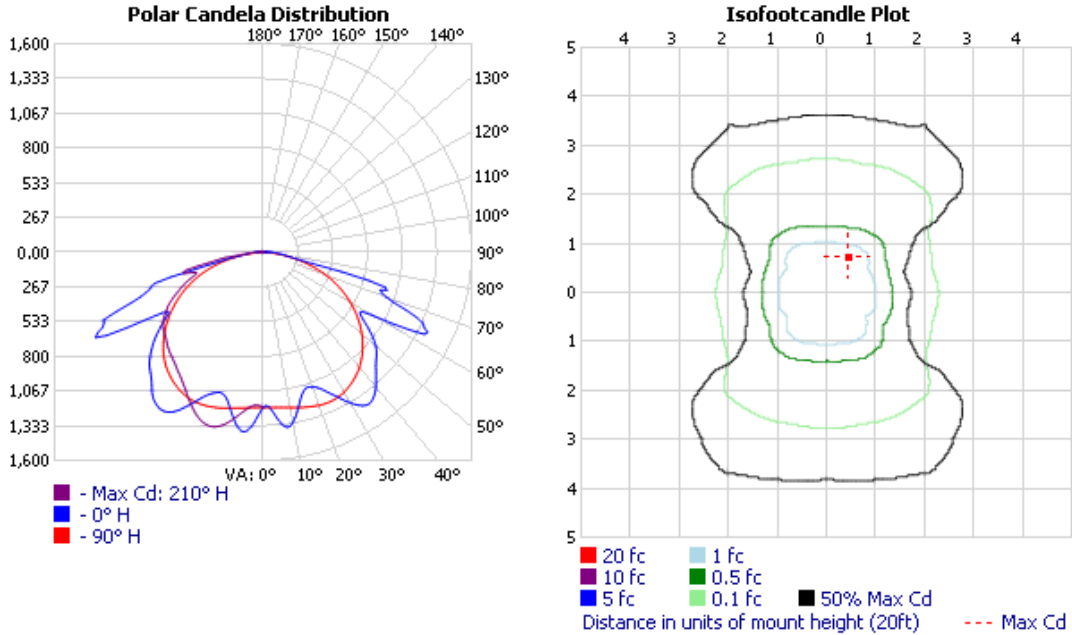


OUTDOOR PHOTOMETRIC REPORT

CATALOG: VT-4550 277V (PARKING GARAGE)

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS  
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD  
TEST DATE: 27 NOVEMBER 2019  
CATALOG: VT-4550 277V (PARKING GARAGE)  
DESCRIPTION: LED  
LAMP: 120-277VAC,50/60HZ  
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 5589.6  
INPUT WATTAGE: 44.399  
LUMINOUS OPENING: RECTANGLE (L: 22.83", W: 5.51")  
MAX CD: 1,561.5 AT HORIZONTAL: 210°, VERTICAL: 40°  
CUTOFF CLASS: CUTOFF  
ROADWAY CLASS: VERY SHORT, TYPE IV  
EFFICIENCY: 100%



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THIS PHOTOMETRIC REPORT HAS BEEN GENERATED USING METHODS RECOMMENDED BY THE IESNA. CALCULATIONS ARE BASED ON PHOTOMETRIC DATA PROVIDED BY THE MANUFACTURER, AND THE ACCURACY OF THIS PHOTOMETRIC REPORT IS DEPENDENT ON THE ACCURACY OF THE DATA PROVIDED. END-USER ENVIRONMENT AND APPLICATION (INCLUDING, BUT NOT LIMITED TO, VOLTAGE VARIATION AND DIRT ACCUMULATION) CAN CAUSE ACTUAL PHOTOMETRIC PERFORMANCE TO DIFFER FROM THE PERFORMANCE CALCULATED USING THE DATA PROVIDED BY THE MANUFACTURER. THIS REPORT IS PROVIDED WITHOUT WARRANTY AS TO ACCURACY, COMPLETENESS, RELIABILITY OR OTHERWISE. IN NO EVENT WILL ACUITY BRANDS LIGHTING BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF THIS REPORT.



**OUTDOOR PHOTOMETRIC REPORT**  
 CATALOG: VT-4550 277V (PARKING GARAGE)

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,058.2	18.9%	18.9%
0-40	1,882.7	33.7%	33.7%
0-60	3,787.3	67.8%	67.8%
60-90	1,762.8	31.5%	31.5%
70-100	821.8	14.7%	14.7%
90-120	34.5	0.6%	0.6%
0-90	5,550.0	99.3%	99.3%
90-180	39.7	0.7%	0.7%
0-180	5,589.8	100%	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	123.1	2.2%	90-100	24.6	0.4%
10-20	357.1	6.4%	100-110	5.6	0.1%
20-30	578.1	10.3%	110-120	4.3	0.1%
30-40	824.4	14.7%	120-130	2.6	0%
40-50	964.6	17.3%	130-140	1.1	0%
50-60	940.0	16.8%	140-150	0.6	0%
60-70	965.6	17.3%	150-160	0.5	0%
70-80	649.1	11.6%	160-170	0.3	0%
80-90	148.1	2.6%	170-180	0.1	0%

**ROADWAY SUMMARY**

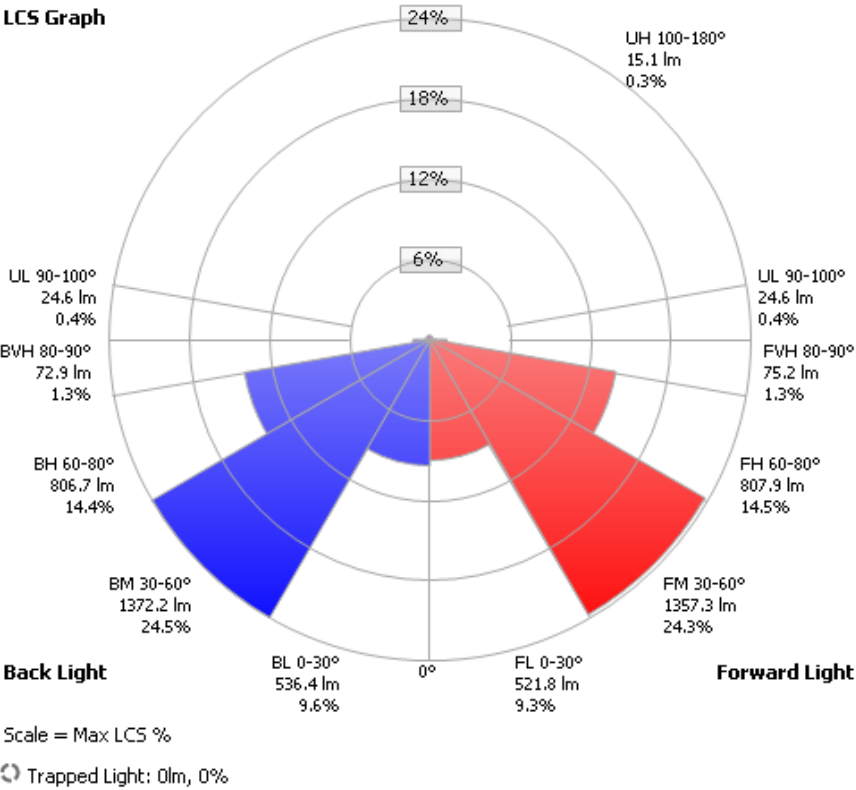
<b>CUTOFF CLASSIFICATION:</b>	CUTOFF	
<b>DISTRIBUTION:</b>	TYPE IV, VERY SHORT	
MAX CD, 90 DEG VERT:	71.3	
MAX CD, 80 TO <90 DEG:	434.1	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	2,762.1	49.4%
DOWNWARD HOUSE SIDE:	2,788.2	49.9%
DOWNWARD TOTAL:	5,550.3	99.3%
UPWARD STREET SIDE:	19.9	0.4%
UPWARD HOUSE SIDE:	19.8	0.4%
UPWARD TOTAL:	39.7	0.7%
TOTAL LUMENS:	5,590.0	100%

**LCS TABLE**

BUG RATING	B2 - U2 - G2	
<b>FORWARD LIGHT</b>	LUMENS	LUMENS %
LOW(0-30):	521.8	9.3%
MEDIUM(30-60):	1,357.3	24.3%
HIGH(60-80):	807.9	14.5%
VERY HIGH(80-90):	75.2	1.3%
<b>BACK LIGHT</b>		
LOW(0-30):	536.4	9.6%
MEDIUM(30-60):	1,372.2	24.5%
HIGH(60-80):	806.7	14.4%
VERY HIGH(80-90):	72.9	1.3%
<b>UPLIGHT</b>		
LOW(90-100):	24.6	0.4%
HIGH(100-180):	15.1	0.3%
<b>TRAPPED LIGHT:</b>	0.000	0%



OUTDOOR PHOTOMETRIC REPORT  
CATALOG: VT-4550 277V (PARKING GARAGE)



**OUTDOOR PHOTOMETRIC REPORT**  
 CATALOG: VT-4550 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	345
0	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193
5	1288	1269	1259	1225	1198	1180	1196	1242	1290	1332	1356	1368	1374	1369	1358	1332	1289	1240	1199	1179	1195	1220	1257	1290
10	1325	1333	1354	1350	1295	1208	1211	1313	1379	1367	1334	1295	1300	1306	1353	1391	1391	1312	1216	1210	1299	1351	1357	1390
15	1139	1157	1216	1319	1376	1265	1232	1382	1380	1261	1178	1140	1140	1147	1203	1302	1419	1390	1238	1276	1387	1328	1222	1190
20	1100	1087	1098	1189	1368	1334	1251	1423	1310	1153	1126	1141	1154	1148	1143	1191	1369	1453	1257	1354	1381	1201	1109	1090
25	1190	1155	1116	1110	1291	1386	1257	1431	1222	1137	1189	1252	1278	1258	1202	1161	1285	1480	1261	1413	1301	1127	1134	1190
30	1336	1296	1218	1113	1189	1402	1240	1400	1155	1187	1324	1399	1418	1412	1340	1200	1206	1466	1245	1430	1203	1139	1240	1390
35	1420	1424	1372	1162	1106	1375	1204	1325	1112	1281	1459	1442	1429	1469	1490	1288	1148	1409	1208	1398	1130	1201	1401	1490
40	1346	1399	1491	1245	1043	1304	1150	1220	1085	1384	1508	1368	1331	1407	1561	1389	1101	1306	1155	1318	1076	1296	1517	1490
45	1223	1279	1458	1338	994	1193	1078	1099	1062	1451	1422	1260	1233	1301	1499	1460	1064	1182	1083	1201	1033	1396	1477	1290
50	1130	1186	1349	1330	940	1053	990	958	1024	1409	1328	1144	1106	1187	1404	1442	1011	1035	993	1060	984	1382	1367	1290
55	962	1052	1247	1244	892	901	888	818	960	1311	1194	988	934	1036	1266	1345	947	881	889	905	939	1293	1263	1090
60	970	935	1095	1134	818	747	774	691	870	1158	1045	983	1023	983	1111	1197	864	731	776	755	848	1177	1098	990
65	1360	1400	1331	964	696	602	648	568	741	974	1444	1375	1359	1391	1380	997	736	593	652	613	726	992	1338	1390
70	1006	1014	1232	1174	568	470	511	454	598	1254	1226	984	1000	1020	1294	1227	597	466	519	492	597	1184	1226	1090
75	841	882	866	769	613	331	362	320	711	752	797	730	734	763	813	814	592	333	375	349	630	809	865	890
80	217	236	267	392	337	208	210	222	343	322	295	230	241	244	312	389	369	211	224	232	369	434	282	290
85	120	129	137	122	102	93	78	91	105	120	134	122	118	129	145	132	122	103	92	119	119	138	147	1
90	64	67	65	51	34	20	11	19	37	51	66	65	65	68	69	56	41	24	14	27	42	59	71	
95	31	31	25	16	10	7	6	8	12	16	27	29	31	30	29	18	13	9	8	10	12	21	29	
100	17	17	15	10	0	1	0	1	1	12	17	18	18	18	17	11	1	1	1	2	0	13	16	
105	15	13	5	1	5	2	3	3	5	2	1	11	10	11	1	2	6	3	3	3	6	1	5	
110	0	0	1	6	4	2	3	2	4	6	5	1	1	1	7	6	4	3	3	2	5	7	1	
115	8	8	7	5	3	1	2	2	3	5	7	7	9	8	7	5	3	2	2	2	3	6	7	
120	7	7	6	4	2	1	2	1	2	3	5	6	7	6	5	3	2	2	2	2	2	4	6	
125	6	5	4	3	1	1	2	1	1	2	3	4	5	4	3	2	1	2	2	1	1	3	4	
130	5	4	3	2	1	1	1	1	1	1	2	3	4	3	2	1	1	1	1	1	1	2	3	
135	3	3	2	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	
140	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
145	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
150	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
155	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
160	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
165	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
170	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
175	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
180	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

