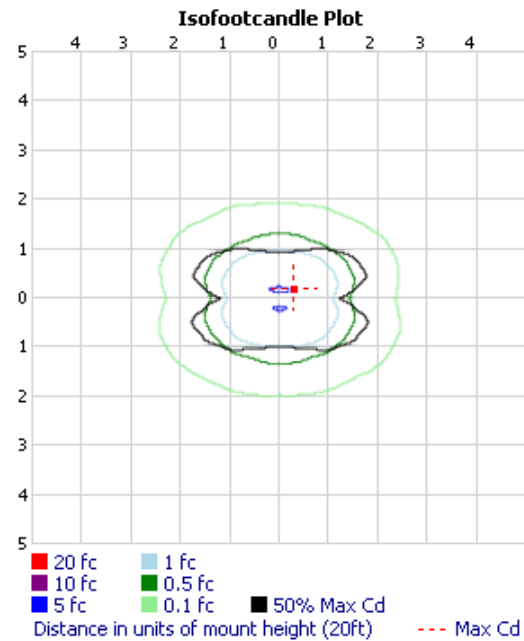
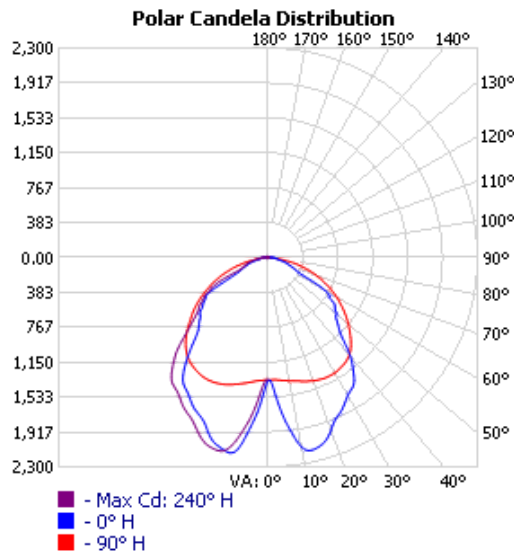


OUTDOOR PHOTOMETRIC REPORT

CATALOG: VT-4550 277V (LOW BAY)

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 27 NOVEMBER 2019
CATALOG: VT-4550 277V (LOW BAY)
DESCRIPTION: LED
LAMP: 120-277VAC,50/60HZ
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 5988.1
INPUT WATTAGE: 44.4902
LUMINOUS OPENING: RECTANGLE (L: 22.83", W: 5.51")
MAX CD: 2,266.2 AT HORIZONTAL: 240°, VERTICAL: 21°
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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OUTDOOR PHOTOMETRIC REPORT
 CATALOG: VT-4550 277V (LOW BAY)
ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,644.7	27.5%	27.5%
0-40	2,782.9	46.5%	46.5%
0-60	4,904.6	81.9%	81.9%
60-90	1,049.4	17.5%	17.5%
70-100	426.1	7.1%	7.1%
90-120	29.1	0.5%	0.5%
0-90	5,954.0	99.4%	99.4%
90-180	34.1	0.6%	0.6%
0-180	5,988.2	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	161.0	2.7%	90-100	22.7	0.4%
10-20	569.4	9.5%	100-110	3.6	0.1%
20-30	914.2	15.3%	110-120	2.8	0%
30-40	1,138.2	19.0%	120-130	1.9	0%
40-50	1,137.7	19.0%	130-140	1.1	0%
50-60	984.0	16.4%	140-150	0.8	0%
60-70	646.0	10.8%	150-160	0.6	0%
70-80	303.9	5.1%	160-170	0.4	0%
80-90	99.6	1.7%	170-180	0.2	0%

ROADWAY SUMMARY

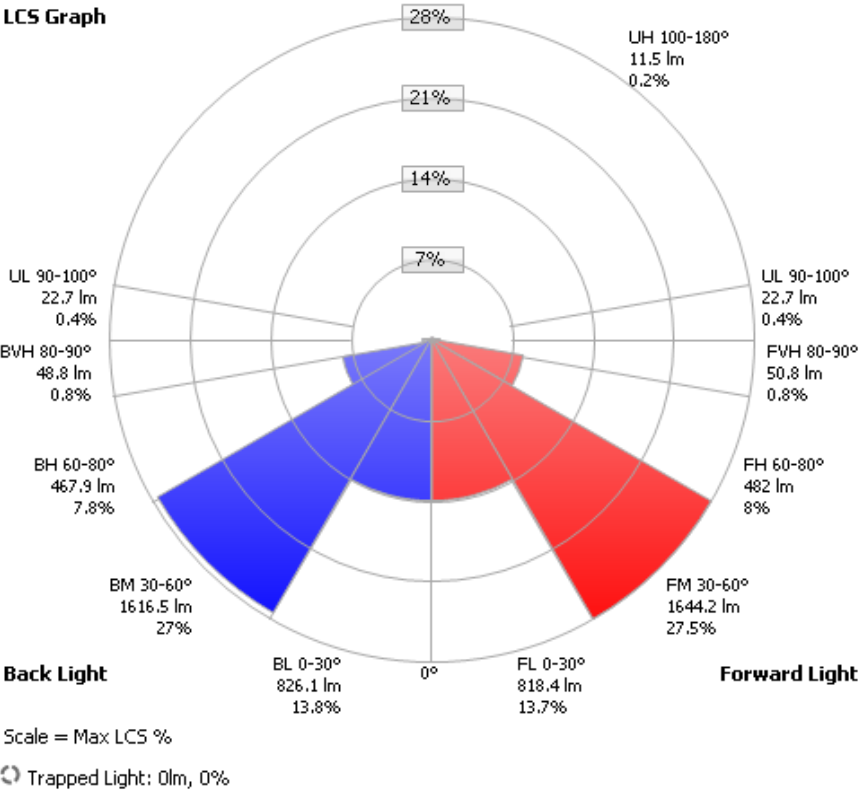
CUTOFF CLASSIFICATION:	CUTOFF	
DISTRIBUTION:	TYPE II, VERY SHORT	
MAX CD, 90 DEG VERT:	76.3	
MAX CD, 80 TO <90 DEG:	286.0	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	2,995.3	50%
DOWNWARD HOUSE SIDE:	2,959.2	49.4%
DOWNWARD TOTAL:	5,954.5	99.4%
UPWARD STREET SIDE:	17.2	0.3%
UPWARD HOUSE SIDE:	17.0	0.3%
UPWARD TOTAL:	34.1	0.6%
TOTAL LUMENS:	5,988.6	100%

LCS TABLE

BUG RATING	B2 - U2 - G1	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	818.4	13.7%
MEDIUM(30-60):	1,644.2	27.5%
HIGH(60-80):	482.0	8%
VERY HIGH(80-90):	50.8	0.8%
BACK LIGHT		
LOW(0-30):	826.1	13.8%
MEDIUM(30-60):	1,616.5	27%
HIGH(60-80):	467.9	7.8%
VERY HIGH(80-90):	48.8	0.8%
UPLIGHT		
LOW(90-100):	22.7	0.4%
HIGH(100-180):	11.5	0.2%
TRAPPED LIGHT:	0.000	0%



OUTDOOR PHOTOMETRIC REPORT
CATALOG: VT-4550 277V (LOW BAY)



OUTDOOR PHOTOMETRIC REPORT
CATALOG: VT-4550 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	1344	1344	1344	1344	1344	1344	1344	1344	1344	1344	1344	1344	1344	1344	1344	1344	1344	1344	1344	1344	1344	1344	1344	1344
5	1715	1691	1655	1562	1458	1361	1349	1450	1574	1684	1745	1784	1791	1776	1729	1661	1548	1427	1358	1365	1461	1559	1654	1691
10	2113	2091	2036	1907	1741	1478	1374	1640	1857	2025	2129	2166	2172	2158	2111	1994	1825	1597	1397	1514	1769	1914	2043	2091
15	2150	2162	2192	2171	1989	1657	1405	1831	2117	2223	2177	2136	2139	2145	2194	2231	2074	1772	1440	1724	2031	2186	2189	2150
20	2017	2048	2117	2195	2195	1835	1439	1995	2255	2157	2082	2003	1986	2018	2116	2181	2259	1933	1478	1920	2224	2204	2125	2050
25	1876	1902	1968	2106	2222	1976	1461	2121	2175	2062	1936	1873	1865	1882	1957	2097	2221	2066	1496	2044	2238	2116	1972	1900
30	1747	1789	1874	1991	2139	2066	1461	2171	2083	1941	1861	1765	1747	1777	1876	1969	2123	2150	1485	2117	2147	1993	1877	1780
35	1649	1704	1767	1895	2009	2095	1439	2089	1965	1864	1757	1659	1635	1672	1769	1888	2007	2119	1450	2110	2013	1893	1766	1700
40	1401	1485	1659	1778	1865	2003	1389	1919	1839	1741	1627	1393	1341	1420	1650	1759	1855	1970	1388	1999	1865	1769	1652	1470
45	1099	1157	1414	1663	1720	1849	1285	1770	1703	1607	1317	1088	1079	1104	1370	1628	1721	1786	1282	1836	1708	1657	1397	1140
50	976	985	1098	1454	1539	1646	1153	1591	1531	1362	1041	967	978	979	1074	1399	1545	1612	1138	1634	1529	1442	1081	980
55	892	878	932	1165	1364	1430	1015	1368	1337	1061	917	871	872	877	928	1105	1361	1418	995	1422	1353	1153	922	880
60	727	757	757	897	1127	1211	870	1179	1086	818	760	730	712	769	777	857	1118	1201	841	1224	1124	875	762	740
65	347	358	478	628	891	961	715	938	849	614	408	348	346	354	482	634	883	976	681	975	894	635	498	360
70	259	280	271	297	644	715	554	683	595	259	273	274	260	280	275	306	655	725	520	737	664	335	279	280
75	192	203	221	198	340	445	391	437	252	197	222	199	189	205	229	206	355	471	354	484	332	210	230	200
80	112	123	153	131	157	255	221	240	127	126	144	111	103	115	152	134	160	273	202	286	155	143	159	120
85	82	89	98	78	72	92	68	90	60	74	95	88	83	89	97	78	75	105	75	114	76	87	102	90
90	62	68	69	41	23	17	8	13	25	47	75	67	62	69	76	47	29	20	10	29	30	47	72	60
95	29	31	33	18	7	4	5	5	7	14	31	27	27	29	33	17	9	7	6	7	9	24	37	30
100	12	12	11	7	0	1	1	1	1	8	11	11	11	11	11	8	1	1	0	1	0	9	11	10
105	11	6	0	1	3	1	2	2	3	1	0	5	4	5	1	1	4	3	3	2	4	1	4	10
110	0	0	2	4	2	1	2	2	2	4	4	0	0	1	5	4	3	2	2	2	3	4	0	
115	5	5	4	3	2	1	2	1	2	3	4	5	5	5	4	3	2	2	2	1	2	3	5	
120	5	4	4	3	1	1	2	1	1	2	3	4	4	4	3	2	1	2	2	1	2	3	4	
125	4	4	3	2	1	1	2	1	1	2	2	3	3	3	2	1	1	2	2	1	1	2	3	
130	3	3	2	1	1	1	2	1	1	1	2	2	3	2	2	1	1	2	1	1	1	1	2	
135	2	2	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	2	1	1	1	1	1	1	1	1	1	1	
145	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	
150	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	
155	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	
160	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	
165	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	
170	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	
175	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	
180	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	