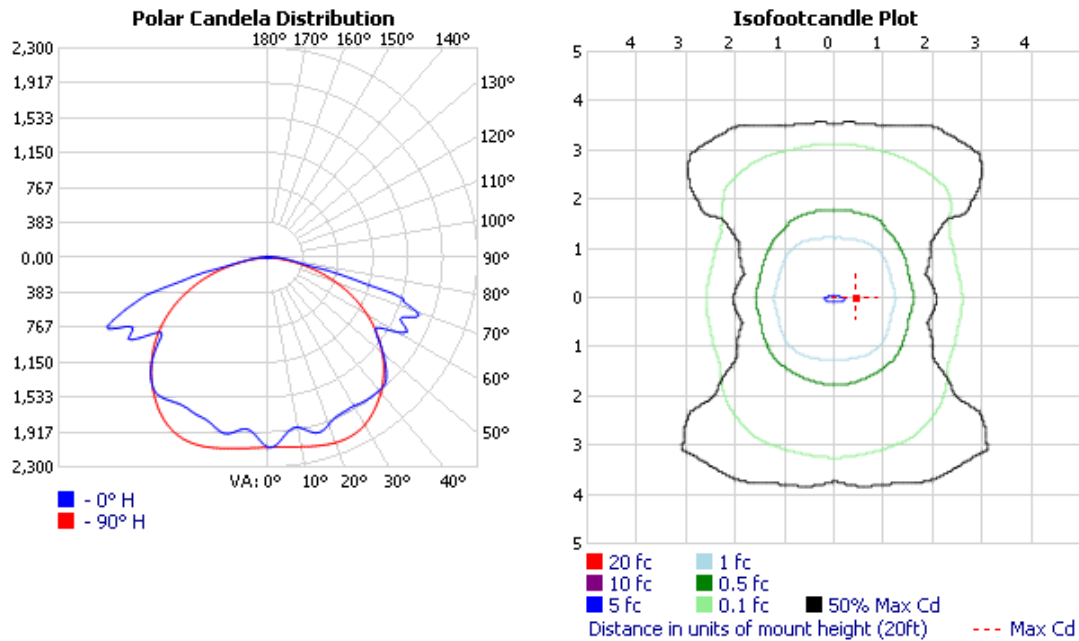


OUTDOOR PHOTOMETRIC REPORT

CATALOG: VT-7040 277V (PARKING GARAGE)

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 27 NOVEMBER 2019
CATALOG: VT-7040 277V (PARKING GARAGE)
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 8431.9
BALLAST / DRIVER: 120-277VAC 50/60HZ
INPUT WATTAGE: 68.575
LUMINOUS OPENING: RECTANGLE (L: 22.83", W: 5.51")
MAX CD: 2,202.6 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-7040 277V (PARKING GARAGE)

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,674.9	19.9%	19.9%
0-40	2,903.1	34.4%	34.4%
0-60	5,747.8	68.2%	68.2%
60-90	2,624.1	31.1%	31.1%
70-100	1,260.0	14.9%	14.9%
90-120	52.0	0.6%	0.6%
0-90	8,371.9	99.3%	99.3%
90-180	59.7	0.7%	0.7%
0-180	8,431.6	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	190.4	2.3%	90-100	37.9	0.4%
10-20	564.7	6.7%	100-110	7.9	0.1%
20-30	919.8	10.9%	110-120	6.1	0.1%
30-40	1,228.2	14.6%	120-130	3.7	0%
40-50	1,428.2	16.9%	130-140	1.7	0%
50-60	1,416.5	16.8%	140-150	0.9	0%
60-70	1,402.1	16.6%	150-160	0.7	0%
70-80	993.1	11.8%	160-170	0.5	0%
80-90	228.9	2.7%	170-180	0.2	0%

ROADWAY SUMMARY

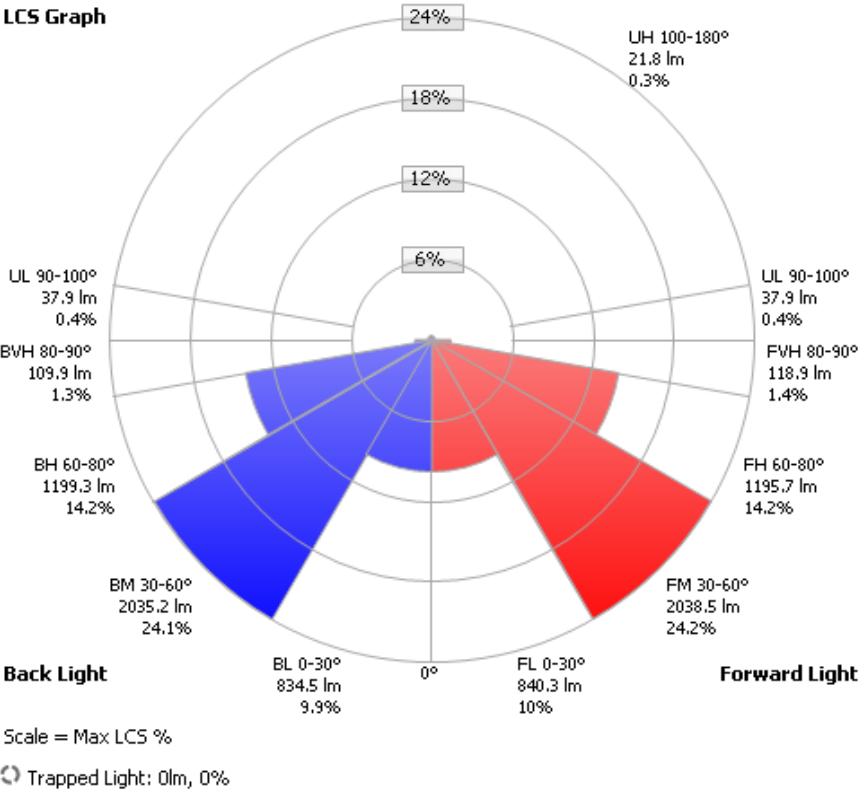
CUTOFF CLASSIFICATION:	CUTOFF
DISTRIBUTION:	TYPE VS
MAX CD, 90 DEG VERT:	117.8
MAX CD, 80 TO <90 DEG:	661.5
	LUMENS % LAMP
DOWNWARD STREET SIDE:	4,193.4 49.7%
DOWNWARD HOUSE SIDE:	4,179.0 49.6%
DOWNWARD TOTAL:	8,372.4 99.3%
UPWARD STREET SIDE:	31.6 0.4%
UPWARD HOUSE SIDE:	28.1 0.3%
UPWARD TOTAL:	59.7 0.7%
TOTAL LUMENS:	8,432.1 100%

LCS TABLE

BUG RATING	B3 - U2 - G2
FORWARD LIGHT	LUMENS LUMENS %
LOW(0-30):	840.3 10%
MEDIUM(30-60):	2,038.5 24.2%
HIGH(60-80):	1,195.7 14.2%
VERY HIGH(80-90):	118.9 1.4%
BACK LIGHT	
LOW(0-30):	834.5 9.9%
MEDIUM(30-60):	2,035.2 24.1%
HIGH(60-80):	1,199.3 14.2%
VERY HIGH(80-90):	109.9 1.3%
UPLIGHT	
LOW(90-100):	37.9 0.4%
HIGH(100-180):	21.8 0.3%
TRAPPED LIGHT:	0.000 0%



OUTDOOR PHOTOMETRIC REPORT
CATALOG: VT-7040 277V (PARKING GARAGE)



OUTDOOR PHOTOMETRIC REPORT
CATALOG: VT-7040 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	2082	2082	2082	2082	2082	2082	2082	2082	2082	2082	2082	2082	2082	2082	2082	2082	2082	2082	2082	2082	2082	2082	2082	208
5	1972	1984	1995	2028	2063	2087	2088	2055	2012	1971	1946	1930	1930	1934	1955	1985	2029	2071	2099	2101	2075	2041	2005	198
10	1891	1889	1890	1921	1988	2083	2110	2024	1938	1904	1910	1927	1930	1930	1914	1916	1960	2052	2129	2102	2002	1934	1901	189
15	1993	1986	1962	1916	1931	2065	2138	1993	1924	1966	1996	1988	1986	1999	2004	1973	1940	2032	2165	2084	1946	1929	1974	199
20	1948	1975	2014	2006	1932	2037	2163	1970	1974	2018	1962	1916	1915	1930	1983	2039	1984	2013	2196	2057	1951	2024	2031	198
25	1892	1916	1953	2041	1982	1998	2162	1956	2028	1983	1924	1896	1895	1911	1941	2017	2044	1993	2200	2020	2011	2061	1967	192
30	1881	1906	1934	1998	2022	1959	2121	1929	2028	1958	1929	1881	1877	1900	1957	1984	2061	1962	2158	1977	2061	2019	1948	191
35	1902	1932	1957	1969	2006	1887	2037	1876	1975	1965	1939	1909	1911	1929	1972	1992	2016	1900	2073	1919	2048	1988	1973	194
40	1903	1937	1985	1960	1933	1777	1931	1785	1894	1972	1966	1937	1929	1963	2001	2000	1927	1801	1954	1812	1969	1983	2005	195
45	1838	1907	1971	1955	1813	1639	1795	1667	1790	1946	1958	1857	1824	1895	2008	1979	1805	1675	1819	1679	1843	1978	2004	192
50	1651	1747	1894	1883	1668	1486	1638	1524	1678	1866	1868	1695	1635	1741	1937	1900	1671	1534	1662	1533	1699	1921	1936	176
55	1451	1559	1725	1772	1512	1327	1459	1361	1535	1724	1714	1486	1435	1524	1790	1755	1527	1374	1485	1374	1547	1811	1761	156
60	1636	1608	1578	1557	1335	1155	1260	1177	1371	1547	1708	1794	1776	1801	1684	1577	1365	1191	1287	1203	1372	1594	1592	159
65	1601	1660	1796	1349	1136	973	1037	972	1136	1562	1752	1772	1837	1741	1827	1431	1147	996	1065	1018	1177	1373	1804	169
70	1738	1758	1619	1445	872	777	795	755	907	1459	1768	1651	1672	1684	1823	1470	892	792	827	824	913	1490	1597	179
75	1091	1263	1377	1251	822	549	543	517	855	1217	1203	960	963	1025	1280	1303	880	560	578	591	866	1301	1382	132
80	364	393	454	577	566	352	302	367	569	499	403	353	349	376	478	592	626	353	332	384	647	661	512	40
85	200	217	210	187	154	143	107	127	150	180	200	184	181	195	221	200	179	173	130	194	187	220	230	22
90	110	113	104	83	55	30	17	26	51	73	93	94	96	99	100	82	60	35	20	40	66	95	115	11
95	57	56	45	29	16	10	9	10	17	22	33	39	43	40	36	23	17	12	10	13	18	36	51	5
100	28	27	24	17	0	1	1	2	1	17	23	25	26	25	23	16	1	1	1	1	5	19	25	2
105	23	8	7	2	8	3	5	4	8	2	1	15	9	15	1	3	7	4	5	4	7	1	6	1
110	1	1	2	9	5	2	4	3	6	9	6	1	1	1	8	9	6	3	4	3	6	9	1	
115	12	12	11	8	4	2	3	2	4	8	10	12	12	11	9	7	4	3	3	2	4	7	9	1
120	10	10	8	5	2	2	3	2	3	5	8	10	9	9	7	5	3	3	3	2	3	5	7	1
125	7	7	6	3	2	2	3	2	2	4	6	7	7	7	5	3	2	2	2	2	2	3	6	
130	5	5	4	2	1	2	2	2	2	2	4	5	5	5	4	2	2	2	2	2	1	2	4	
135	4	3	2	1	1	1	1	2	2	2	3	4	4	3	3	1	1	2	1	1	1	1	2	
140	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	
145	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	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	2	2	2	1	
175	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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	