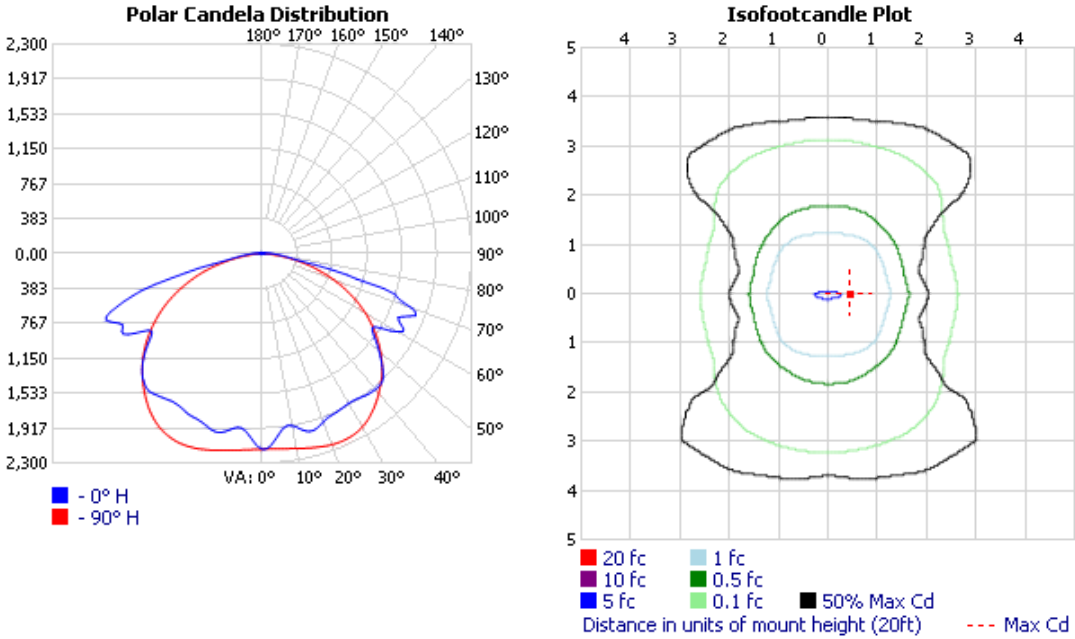


**OUTDOOR PHOTOMETRIC REPORT**  
CATALOG: VT-7050 277V (PARKING GARAGE)



MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS  
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD  
TEST DATE: 27 NOVEMBER 2019  
CATALOG: VT-7050 277V (PARKING GARAGE)  
DESCRIPTION: LED  
LAMP: 120-277VAC,50/60HZ  
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 8562.4  
INPUT WATTAGE: 68.8862  
LUMINOUS OPENING: RECTANGLE (L: 22.83", W: 5.51")  
MAX CD: 2,270.7 AT HORIZONTAL: 270°, VERTICAL: 23°  
CUTOFF CLASS: CUTOFF  
ROADWAY CLASS: TYPE VS  
EFFICIENCY: 100%

No  
Photo  
Available



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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-7050 277V (PARKING GARAGE)

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,706.2	19.9%	19.9%
0-40	2,953.4	34.5%	34.5%
0-60	5,852.6	68.4%	68.4%
60-90	2,652.3	31%	31%
70-100	1,265.0	14.8%	14.8%
90-120	50.3	0.6%	0.6%
0-90	8,505.0	99.3%	99.3%
90-180	57.6	0.7%	0.7%
0-180	8,562.6	100%	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	194.6	2.3%	90-100	37.1	0.4%
10-20	574.9	6.7%	100-110	7.5	0.1%
20-30	936.7	10.9%	110-120	5.8	0.1%
30-40	1,247.2	14.6%	120-130	3.4	0%
40-50	1,453.9	17.0%	130-140	1.6	0%
50-60	1,445.3	16.9%	140-150	1.0	0%
60-70	1,424.4	16.6%	150-160	0.8	0%
70-80	998.1	11.7%	160-170	0.5	0%
80-90	229.8	2.7%	170-180	0.2	0%

**ROADWAY SUMMARY**

CUTOFF CLASSIFICATION:	CUTOFF
DISTRIBUTION:	TYPE VS
MAX CD, 90 DEG VERT:	114.5
MAX CD, 80 TO <90 DEG:	661.0
	LUMENS % LAMP
DOWNWARD STREET SIDE:	4,258.6 49.7%
DOWNWARD HOUSE SIDE:	4,246.8 49.6%
DOWNWARD TOTAL:	8,505.4 99.3%
UPWARD STREET SIDE:	28.4 0.3%
UPWARD HOUSE SIDE:	29.2 0.3%
UPWARD TOTAL:	57.6 0.7%
TOTAL LUMENS:	8,563.0 100%

**LCS TABLE**

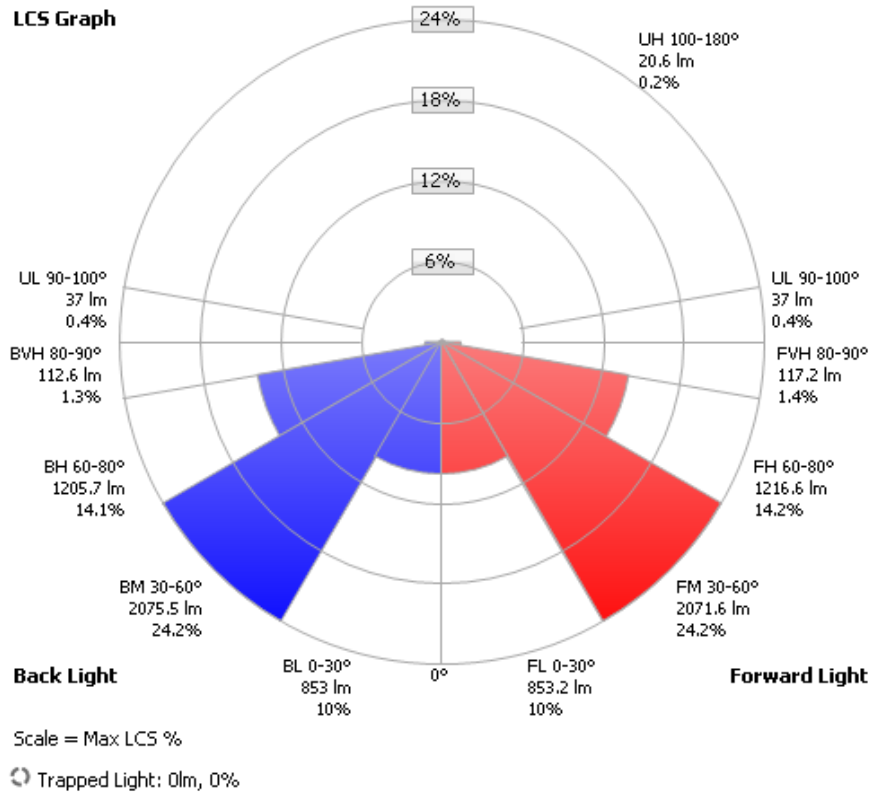
BUG RATING	B3 - U2 - G2	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	853.2	10%
MEDIUM(30-60):	2,071.6	24.2%
HIGH(60-80):	1,216.6	14.2%
VERY HIGH(80-90):	117.2	1.4%
BACK LIGHT		
LOW(0-30):	853.0	10%
MEDIUM(30-60):	2,075.5	24.2%
HIGH(60-80):	1,205.7	14.1%
VERY HIGH(80-90):	112.6	1.3%
UPLIGHT		
LOW(90-100):	37.0	0.4%
HIGH(100-180):	20.6	0.2%
TRAPPED LIGHT:	0.000	0%



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**OUTDOOR PHOTOMETRIC REPORT**  
 CATALOG: VT-7050 277V (PARKING GARAGE)



**OUTDOOR PHOTOMETRIC REPORT**  
 CATALOG: VT-7050 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	2147	2147	2147	2147	2147	2147	2147	2147	2147	2147	2147	2147	2147	2147	2147	2147	2147	2147	2147	2147	2147	2147	2147	2147
5	2002	2011	2030	2073	2114	2149	2152	2119	2072	2021	1993	1970	1969	1976	1998	2034	2084	2134	2164	2163	2132	2092	2041	2021
10	1918	1913	1909	1935	2013	2133	2174	2085	1980	1937	1939	1957	1957	1956	1944	1946	1998	2109	2195	2162	2042	1957	1920	1911
15	2020	2018	1996	1947	1944	2100	2204	2048	1954	1992	2024	2026	2021	2032	2035	2007	1973	2078	2232	2139	1971	1960	2009	2021
20	1965	1980	2023	2037	1959	2056	2232	2017	1996	2051	2013	1975	1965	1986	2030	2074	2022	2051	2263	2101	1983	2059	2048	1995
25	1924	1935	1968	2045	2021	2010	2236	1995	2050	2033	1982	1952	1938	1965	2003	2064	2078	2025	2267	2053	2048	2083	1995	1995
30	1900	1918	1965	2007	2053	1964	2198	1964	2063	2012	1978	1916	1901	1933	2006	2049	2091	1995	2225	2001	2085	2049	1990	1995
35	1919	1929	1969	1994	2021	1905	2113	1905	2019	2012	1971	1935	1925	1956	2006	2052	2048	1935	2135	1936	2061	2031	1999	1994
40	1942	1958	1993	1988	1938	1803	1994	1810	1934	2006	1990	1971	1955	1992	2033	2042	1963	1838	2008	1837	1981	2023	2025	1981
45	1878	1937	1996	1974	1818	1673	1864	1688	1824	1982	1997	1903	1865	1929	2039	2021	1856	1715	1863	1701	1860	2003	2032	1961
50	1679	1769	1926	1913	1680	1530	1702	1547	1694	1906	1912	1748	1681	1775	1950	1946	1722	1570	1698	1550	1716	1939	1971	1801
55	1479	1577	1756	1802	1533	1373	1516	1381	1557	1754	1765	1542	1482	1565	1808	1796	1580	1404	1508	1389	1557	1836	1796	1601
60	1715	1710	1627	1591	1368	1200	1312	1196	1394	1571	1683	1769	1763	1772	1720	1610	1414	1214	1297	1213	1384	1617	1642	1681
65	1650	1678	1831	1416	1163	1007	1082	989	1163	1478	1806	1737	1790	1755	1835	1506	1182	1006	1064	1022	1178	1408	1840	1691
70	1755	1777	1700	1481	918	801	832	782	904	1436	1760	1691	1693	1712	1753	1494	924	798	818	818	917	1492	1672	1781
75	1070	1212	1365	1295	853	563	576	540	863	1216	1256	1019	1019	1083	1242	1266	875	560	559	584	855	1304	1349	1271
80	366	390	440	598	580	374	327	354	564	533	437	371	361	386	483	552	601	370	311	372	613	661	487	401
85	200	214	215	191	157	151	121	136	159	182	216	197	192	204	224	195	176	160	113	176	175	214	226	221
90	107	109	103	82	54	31	23	28	55	76	102	103	104	107	106	83	60	34	18	35	60	90	109	111
95	50	48	39	25	16	10	9	10	17	22	37	43	47	45	39	24	18	12	10	12	17	29	42	51
100	26	25	22	14	0	1	1	2	1	16	23	26	26	26	23	16	1	2	0	1	1	17	22	21
105	21	8	1	2	6	3	4	4	7	2	1	15	9	16	1	3	8	5	5	4	7	1	2	
110	1	1	4	8	5	2	4	3	6	9	4	1	1	1	6	9	6	4	4	3	5	8	1	
115	11	10	9	6	3	2	3	2	4	7	10	10	12	11	10	7	4	3	3	2	3	6	9	1
120	9	8	7	4	2	2	3	2	3	5	7	8	10	8	7	5	3	3	3	2	2	4	6	
125	7	6	4	2	2	2	2	2	2	3	5	6	8	6	5	3	2	2	2	2	2	2	4	
130	5	4	3	1	1	1	2	2	2	2	4	5	6	5	4	2	2	2	2	2	1	1	3	
135	3	2	2	1	1	1	2	2	2	2	2	3	4	3	2	2	2	2	1	1	1	1	2	
140	2	1	1	1	1	1	2	2	2	2	2	2	3	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	
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175	2	2	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	



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