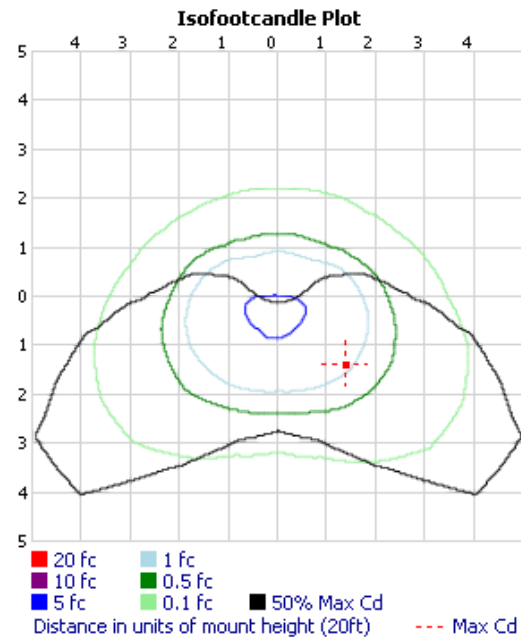
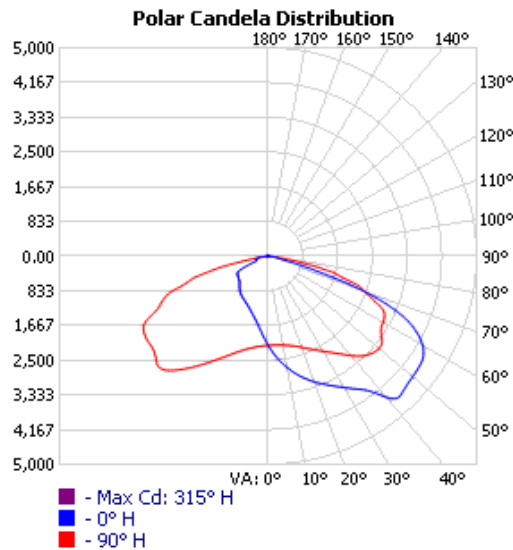


OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-100404M

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 15 JANUARY 2019
CATALOG: P4-100404M
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 13199
BALLAST / DRIVER: 120-277VAC 50/60HZ
INPUT WATTAGE: 99.99
LUMINOUS OPENING: RECTANGLE (L: 7.87", W: 7.87")
MAX CD: 4,974.9 AT HORIZONTAL: 315°, VERTICAL: 55°
CUTOFF CLASS: SEMICUTOFF
ROADWAY CLASS: SHORT, TYPE IV
EFFICIENCY: 100%



VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2019, ACUITY BRANDS LIGHTING.

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VISUAL PHOTOMETRIC TOOL

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OUTDOOR PHOTOMETRIC REPORT
CATALOG: P4-100404M

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,955.6	14.8%	14.8%
0-40	3,638.1	27.6%	27.6%
0-60	8,695.2	65.9%	65.9%
60-90	4,488.3	34%	34%
70-100	1,798.6	13.6%	13.6%
90-120	3.7	0%	0%
0-90	13,183.5	99.9%	99.9%
90-180	16.5	0.1%	0.1%
0-180	13,200.0	100%	100%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	SEMICUTOFF	
DISTRIBUTION:	TYPE IV, SHORT	
MAX CD, 90 DEG VERT:	6.2	
MAX CD, 80 TO <90 DEG:	2,551.4	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	9,638.5	73%
DOWNWARD HOUSE SIDE:	3,545.5	26.9%
DOWNWARD TOTAL:	13,184.0	99.9%
UPWARD STREET SIDE:	12.2	0.1%
UPWARD HOUSE SIDE:	4.3	0%
UPWARD TOTAL:	16.5	0.1%
TOTAL LUMENS:	13,200.5	100%

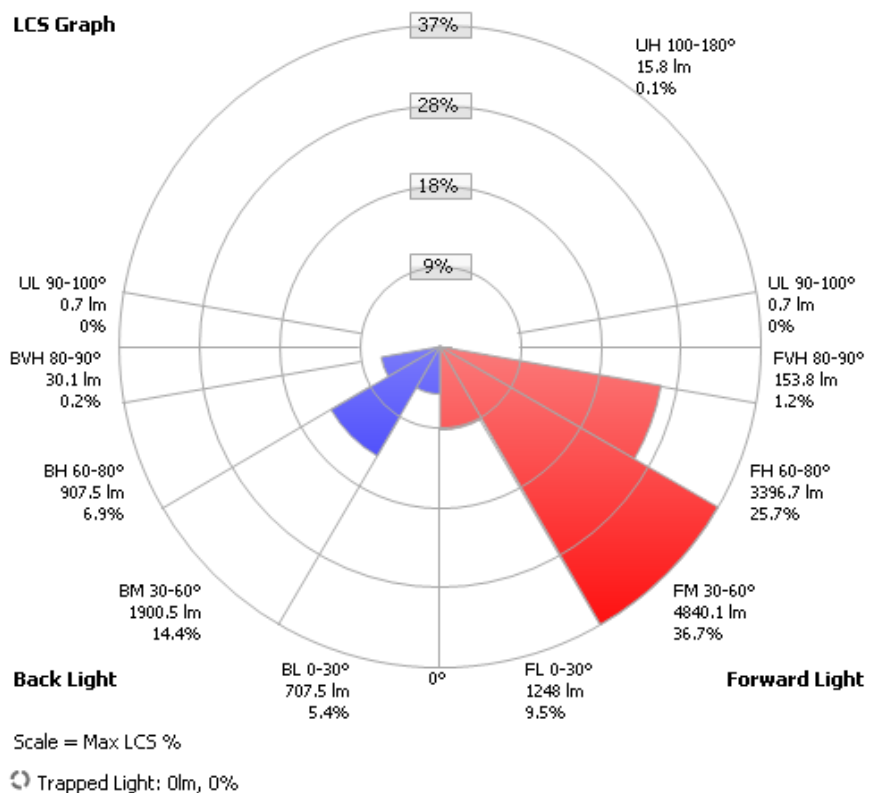
LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	206.0	1.6%	90-100	0.7	0%
10-20	635.2	4.8%	100-110	1.6	0%
20-30	1,114.3	8.4%	110-120	1.4	0%
30-40	1,682.5	12.7%	120-130	1.9	0%
40-50	2,346.4	17.8%	130-140	3.0	0%
50-60	2,710.7	20.5%	140-150	3.4	0%
60-70	2,690.5	20.4%	150-160	2.5	0%
70-80	1,614.0	12.2%	160-170	1.5	0%
80-90	183.9	1.4%	170-180	0.4	0%

LCS TABLE

BUG RATING	B2 - U2 - G2	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,248.0	9.5%
MEDIUM(30-60):	4,840.1	36.7%
HIGH(60-80):	3,396.7	25.7%
VERY HIGH(80-90):	153.8	1.2%
BACK LIGHT		
LOW(0-30):	707.5	5.4%
MEDIUM(30-60):	1,900.5	14.4%
HIGH(60-80):	907.5	6.9%
VERY HIGH(80-90):	30.1	0.2%
UPLIGHT		
LOW(90-100):	0.7	0%
HIGH(100-180):	15.8	0.1%
TRAPPED LIGHT:	0.000	0%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-100404M



OUTDOOR PHOTOMETRIC REPORT
CATALOG: P4-100404M

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	2138	2138	2138	2138	2138	2138	2138	2138	2138	2138	2138	2138	2138	2138	2138	2138	2138	2138	2138	2138	2138	2138	2138	21
5	2451	2442	2409	2359	2297	2223	2142	2061	1984	1921	1871	1844	1835	1849	1881	1934	2002	2081	2165	2250	2321	2382	2422	24
10	2727	2720	2653	2579	2464	2325	2167	2005	1854	1735	1655	1612	1599	1616	1663	1759	1894	2056	2232	2392	2523	2629	2684	27
15	2981	2971	2885	2788	2632	2453	2224	1979	1754	1589	1493	1453	1439	1453	1500	1618	1813	2067	2335	2569	2735	2875	2936	29
20	3204	3191	3094	2993	2821	2611	2321	1990	1679	1474	1370	1334	1323	1336	1378	1504	1764	2128	2492	2784	2972	3114	3167	32
25	3413	3394	3286	3189	3022	2800	2464	2043	1634	1383	1278	1250	1241	1249	1289	1427	1766	2248	2700	3036	3224	3348	3382	34
30	3637	3611	3470	3373	3224	2999	2634	2146	1636	1326	1212	1193	1181	1195	1233	1396	1837	2437	2965	3318	3486	3582	3603	36
35	3905	3868	3675	3569	3433	3221	2843	2296	1678	1297	1160	1142	1130	1142	1181	1377	1937	2679	3271	3632	3781	3846	3859	39
40	4421	4354	4048	3847	3699	3498	3116	2482	1727	1261	1101	1075	1059	1075	1123	1351	2016	2897	3579	3978	4143	4230	4320	44
45	4575	4615	4486	4392	4145	3857	3356	2595	1757	1227	1031	1001	974	1009	1060	1343	2076	2968	3735	4324	4632	4797	4739	47
50	4514	4564	4448	4539	4456	4103	3460	2643	1783	1180	982	927	902	935	1015	1319	2054	2811	3570	4245	4765	4929	4708	46
55	4475	4569	4505	4640	4585	4097	3312	2508	1753	1131	936	887	875	887	971	1255	1884	2701	3532	4239	4609	4975	4740	46
60	4280	4473	4621	4864	4507	3935	3183	2315	1520	1064	884	856	849	844	908	1087	1706	2538	3457	4308	4688	4784	4798	45
65	3710	4048	4614	4880	4546	4045	3041	2116	1320	888	785	730	655	707	769	925	1419	2040	2894	3980	4782	4803	4592	40
70	2436	3055	4215	4700	4580	3589	2456	1591	989	693	572	294	296	274	518	664	976	1615	2462	3717	4240	4630	3772	29
75	726	1138	2807	4006	4144	2940	1730	957	597	394	173	278	303	217	192	355	534	920	1563	2743	3413	3578	2423	10
80	248	284	797	2513	2551	1241	738	353	162	145	91	231	270	143	80	118	89	242	462	890	1738	1815	473	2
85	86	94	107	450	48	172	75	14	14	16	25	56	97	26	15	12	10	14	17	23	87	100	76	
90	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
95	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
100	2	3	5	7	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	7	4	
105	2	3	3	5	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	3	
110	3	3	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	2	
115	3	3	3	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	
120	4	4	4	2	2	1	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1	2	7	
125	5	5	5	3	2	1	1	0	0	0	1	1	1	1	1	1	0	0	1	1	1	7	8	
130	6	6	6	6	2	1	0	0	0	1	1	1	1	1	2	2	1	0	0	1	4	10	9	
135	7	7	7	7	3	1	1	0	1	2	2	2	2	2	3	3	1	4	4	4	9	11	10	
140	8	8	8	8	4	1	1	0	2	3	3	3	2	2	3	4	3	0	1	1	8	11	10	
145	9	9	8	6	6	6	4	5	3	3	3	3	3	3	2	3	5	6	7	11	9	9	9	
150	9	8	6	5	7	7	5	5	4	3	3	3	3	3	2	3	6	7	7	11	7	7	7	
155	6	7	4	7	7	6	5	6	5	4	2	3	3	2	2	4	7	6	7	9	9	7	5	
160	6	7	8	2	7	6	6	7	5	2	4	3	3	3	4	5	6	7	7	8	9	7	7	
165	6	7	7	8	2	1	2	2	3	7	6	5	4	5	5	6	6	6	5	6	6	7	7	
170	6	8	8	6	6	5	5	5	6	6	6	6	4	4	5	5	5	4	4	5	6	6	7	
175	5	5	5	5	5	4	4	4	5	5	5	5	4	2	1	2	3	3	3	3	4	3	3	
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	