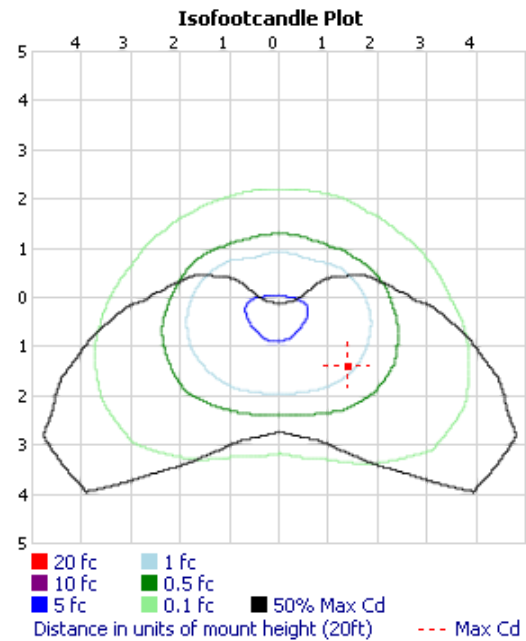
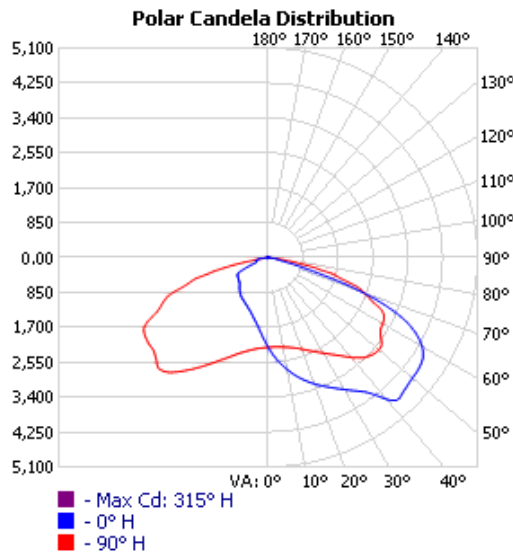


OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-100504M

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 15 JANUARY 2019
CATALOG: P4-100504M
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 13346
BALLAST / DRIVER: 120-277VAC 50/60HZ
INPUT WATTAGE: 100.15
LUMINOUS OPENING: RECTANGLE (L: 7.87", W: 7.87")
MAX CD: 5,043.0 AT HORIZONTAL: 315°, VERTICAL: 54°
CUTOFF CLASS: SEMICUTOFF
ROADWAY CLASS: VERY SHORT, TYPE IV
EFFICIENCY: 100%



VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2019, ACUITY BRANDS LIGHTING.

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OUTDOOR PHOTOMETRIC REPORT
CATALOG: P4-100504M

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,994.2	14.9%	14.9%
0-40	3,708.3	27.8%	27.8%
0-60	8,838.6	66.2%	66.2%
60-90	4,491.0	33.7%	33.6%
70-100	1,779.1	13.3%	13.3%
90-120	3.8	0%	0%
0-90	13,329.7	99.9%	99.9%
90-180	16.8	0.1%	0.1%
0-180	13,346.4	100%	100%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION: SEMICUTOFF

DISTRIBUTION: TYPE IV, VERY SHORT

MAX CD, 90 DEG VERT: 5.7

MAX CD, 80 TO <90 DEG: 2,459.1

	LUMENS	% LAMP
DOWNWARD STREET SIDE:	9,747.6	73%
DOWNWARD HOUSE SIDE:	3,582.6	26.8%
DOWNWARD TOTAL:	13,330.2	99.9%
UPWARD STREET SIDE:	12.4	0.1%
UPWARD HOUSE SIDE:	4.4	0%
UPWARD TOTAL:	16.8	0.1%
TOTAL LUMENS:	13,347.0	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	210.2	1.6%	90-100	0.8	0%
10-20	647.9	4.9%	100-110	1.6	0%
20-30	1,136.1	8.5%	110-120	1.4	0%
30-40	1,714.1	12.8%	120-130	2.0	0%
40-50	2,383.6	17.9%	130-140	3.1	0%
50-60	2,746.7	20.6%	140-150	3.5	0%
60-70	2,712.8	20.3%	150-160	2.6	0%
70-80	1,599.1	12.0%	160-170	1.5	0%
80-90	179.2	1.3%	170-180	0.4	0%

LCS TABLE

BUG RATING

B2 - U2 - G2

FORWARD LIGHT

LOW(0-30): 1,273.2 9.5%

MEDIUM(30-60): 4,916.9 36.8%

HIGH(60-80): 3,406.4 25.5%

VERY HIGH(80-90): 151.0 1.1%

BACK LIGHT

LOW(0-30): 720.8 5.4%

MEDIUM(30-60): 1,928.6 14.5%

HIGH(60-80): 905.1 6.8%

VERY HIGH(80-90): 28.2 0.2%

UPLIGHT

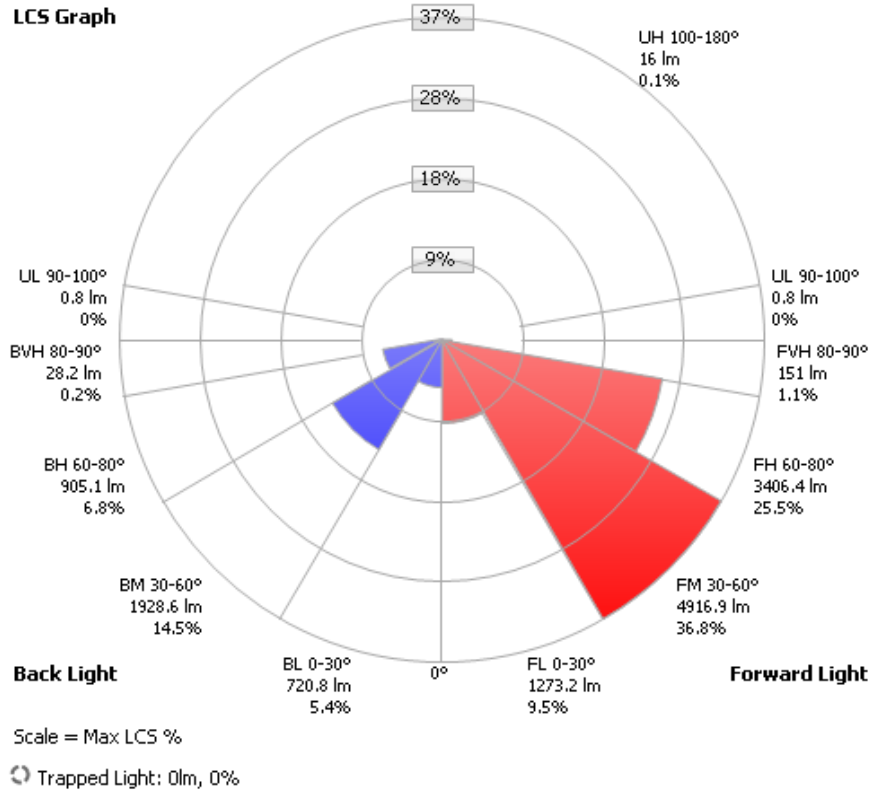
LOW(90-100): 0.8 0%

HIGH(100-180): 16.0 0.1%

TRAPPED LIGHT: 0.000 0%



OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-100504M



OUTDOOR PHOTOMETRIC REPORT
CATALOG: P4-100504M

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	2182	2182	2182	2182	2182	2182	2182	2182	2182	2182	2182	2182	2182	2182	2182	2182	2182	2182	2182	2182	2182	2182	2182	2182
5	2503	2491	2457	2408	2345	2268	2185	2102	2023	1958	1910	1881	1872	1883	1915	1970	2041	2123	2210	2294	2370	2431	2475	2503
10	2782	2777	2708	2631	2516	2372	2211	2044	1889	1768	1687	1643	1629	1644	1695	1792	1932	2098	2277	2440	2575	2685	2741	2782
15	3041	3032	2943	2844	2686	2503	2268	2016	1787	1619	1522	1479	1465	1480	1529	1648	1848	2110	2382	2618	2794	2936	2999	3041
20	3269	3258	3157	3052	2880	2662	2367	2029	1711	1500	1396	1359	1347	1360	1403	1531	1798	2171	2544	2839	3036	3181	3235	3269
25	3480	3462	3351	3249	3086	2854	2512	2083	1663	1406	1303	1273	1263	1271	1311	1453	1799	2295	2755	3095	3290	3417	3454	3480
30	3708	3682	3540	3438	3291	3059	2685	2186	1665	1348	1235	1213	1202	1214	1253	1420	1871	2486	3023	3379	3558	3653	3677	3708
35	3981	3941	3743	3634	3503	3280	2899	2339	1707	1318	1182	1161	1150	1161	1200	1401	1972	2732	3332	3694	3853	3921	3936	4000
40	4508	4442	4126	3916	3773	3561	3172	2527	1755	1280	1120	1091	1076	1091	1139	1372	2052	2946	3644	4043	4219	4315	4408	4508
45	4642	4685	4548	4461	4227	3922	3410	2635	1784	1243	1047	1015	988	1023	1075	1365	2112	3010	3790	4388	4718	4877	4818	4810
50	4581	4633	4507	4601	4529	4161	3509	2681	1809	1195	999	939	916	948	1029	1337	2082	2843	3618	4294	4822	5000	4787	4760
55	4538	4635	4567	4709	4656	4144	3345	2533	1774	1144	950	899	888	899	984	1268	1909	2732	3582	4293	4663	5042	4818	4730
60	4331	4526	4681	4934	4561	3983	3221	2339	1532	1073	896	866	861	854	918	1096	1724	2562	3501	4363	4747	4841	4873	4580
65	3735	4080	4664	4930	4615	4091	3063	2129	1330	891	792	727	646	705	770	930	1423	2042	2920	3998	4826	4865	4643	4090
70	2408	3042	4240	4755	4606	3619	2472	1594	987	692	562	290	298	268	516	652	976	1609	2452	3746	4280	4649	3809	2910
75	692	1078	2783	4011	4138	2950	1727	948	588	390	167	281	307	217	183	348	528	874	1522	2744	3422	3588	2404	950
80	246	259	801	2444	2459	1204	681	326	140	139	88	228	269	140	78	109	78	225	383	815	1709	1728	445	250
85	95	88	110	448	36	156	18	13	13	14	22	43	89	20	13	10	9	13	18	23	38	378	71	7
90	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
100	2	3	5	7	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	7	4
105	3	3	3	5	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	3
110	3	3	3	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	2
115	3	3	3	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	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	5	10	9	
135	7	7	7	7	3	1	1	1	1	2	2	2	2	2	3	3	1	4	4	4	9	11	10	
140	8	8	8	8	4	1	1	1	2	3	3	3	3	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	6	6	7	11	9	9	9	
150	9	8	6	5	7	7	5	5	4	3	3	3	3	3	2	4	6	7	8	11	7	7	7	
155	7	7	4	7	7	6	5	6	5	4	2	3	3	3	2	4	7	6	7	9	9	7	5	
160	6	7	8	2	7	6	6	7	5	2	4	3	3	4	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	7	8	8	6	6	5	5	5	6	6	6	6	4	4	5	5	5	4	5	5	6	7	8	
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	