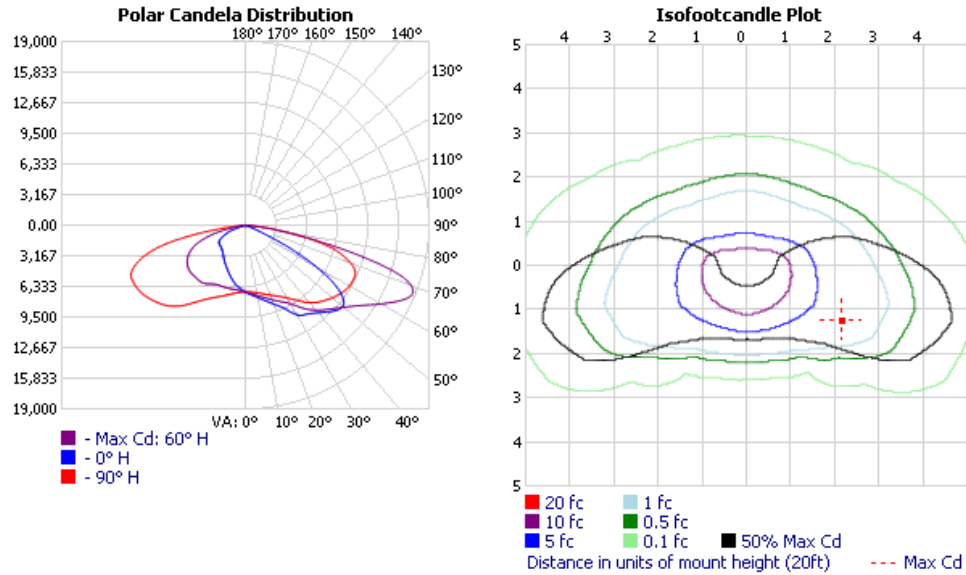


OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-300503M

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 04 JUNE 2018
CATALOG: P4-300503M
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 40312
BALLAST / DRIVER: 120-277VAC,50/60HZ
INPUT WATTAGE: 300.41
LUMINOUS OPENING: RECTANGLE (L: 11.81", W: 11.81")
MAX CD: 18,689.7 AT HORIZONTAL: 60°, VERTICAL: 68°
CUTOFF CLASS: SEMICUTOFF
ROADWAY CLASS: SHORT, TYPE III
EFFICIENCY: 100%



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OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-300503M

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	6,203.7	15.4%	15.4%
0-40	11,536.7	28.6%	28.6%
0-60	27,256.5	67.6%	67.6%
60-90	13,050.4	32.4%	32.4%
70-100	5,200.0	12.9%	12.9%
90-120	1.8	0%	0%
0-90	40,306.9	100%	100%
90-180	2.7	0%	0%
0-180	40,309.7	100%	100%

LUMENS PER ZONE

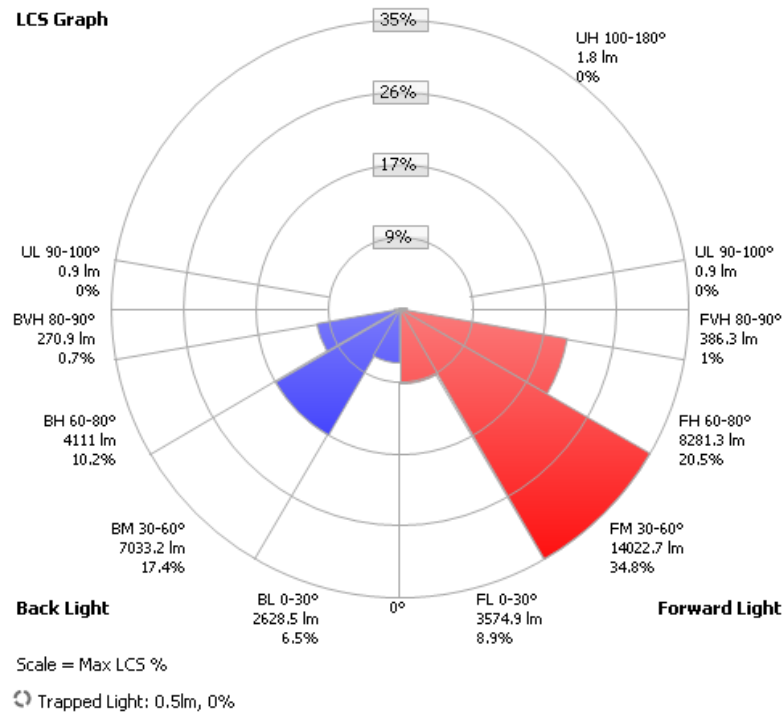
ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	661.8	1.6%	90-100	0.9	0%
10-20	2,022.5	5.0%	100-110	0.4	0%
20-30	3,519.3	8.7%	110-120	0.4	0%
30-40	5,333.0	13.2%	120-130	0.3	0%
40-50	7,145.3	17.7%	130-140	0.2	0%
50-60	8,574.5	21.3%	140-150	0.2	0%
60-70	7,851.3	19.5%	150-160	0.1	0%
70-80	4,541.8	11.3%	160-170	0.1	0%
80-90	657.3	1.6%	170-180	0.0	0%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	SEMICUTOFF	
DISTRIBUTION:	TYPE III, SHORT	
MAX CD, 90 DEG VERT:	155.5	
MAX CD, 80 TO <90 DEG:	5,953.6	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	26,265.1	65.2%
DOWNWARD HOUSE SIDE:	14,043.6	34.8%
DOWNWARD TOTAL:	40,308.7	100%
UPWARD STREET SIDE:	0.8	0%
UPWARD HOUSE SIDE:	2.0	0%
UPWARD TOTAL:	2.7	0%
TOTAL LUMENS:	40,311.5	100%

LCS TABLE

BUG RATING	B4 - U1 - G4	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	3,574.9	8.9%
MEDIUM(30-60):	14,022.7	34.8%
HIGH(60-80):	8,281.3	20.5%
VERY HIGH(80-90):	386.3	1%
BACK LIGHT		
LOW(0-30):	2,628.5	6.5%
MEDIUM(30-60):	7,033.2	17.4%
HIGH(60-80):	4,111.0	10.2%
VERY HIGH(80-90):	270.9	0.7%
UPLIGHT		
LOW(90-100):	0.9	0%
HIGH(100-180):	1.8	0%
TRAPPED LIGHT:	0.5	0%



OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-300503M

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
0	6887	6886	6893	6891	6895	6896	6877	6873	6878	6875	6882	6880	6887	6886	6893	6891	6895	6896	6877	6873	6878	6875	6882
5	7215	7204	7185	7148	7099	7031	6925	6826	6731	6643	6580	6536	6530	6545	6598	6669	6765	6871	6952	7031	7108	7152	7196
10	7595	7569	7526	7457	7376	7262	7078	6871	6652	6448	6287	6170	6139	6187	6322	6507	6725	6952	7154	7313	7434	7506	7559
15	8082	8045	7983	7868	7740	7589	7338	7006	6632	6240	5904	5689	5635	5710	5952	6319	6739	7120	7453	7678	7842	7962	8035
20	8677	8624	8541	8386	8194	7981	7675	7214	6642	5989	5491	5213	5146	5243	5545	6066	6759	7362	7828	8105	8332	8487	8607
25	9469	9418	9268	9001	8701	8425	8087	7499	6681	5750	5114	4779	4704	4826	5181	5832	6787	7669	8288	8598	8888	9131	9325
30	10671	10636	10518	10024	9372	8995	8671	7998	6855	5599	4797	4399	4318	4479	4908	5708	6998	8222	8943	9210	9587	10191	10671
35	11198	11237	11248	11091	10476	9761	9495	8748	7098	5397	4465	4029	3958	4126	4603	5552	7337	9060	9869	10050	10790	11378	11898
40	11789	11778	11764	11695	11440	10847	10440	9326	7079	5043	4090	3713	3657	3812	4234	5236	7459	9826	10909	11219	11796	11911	11898
45	12587	12487	12390	12340	12261	11765	11117	9691	6962	4705	3807	3494	3468	3598	3962	4950	7446	10281	11691	12204	12569	12559	12487
50	13108	13029	13006	13142	13187	12457	11676	9992	6827	4446	3606	3355	3364	3464	3778	4736	7463	10652	12225	12888	13495	13329	13108
55	11921	12241	12972	13925	14464	13368	12169	10146	6584	4196	3423	3255	3315	3369	3617	4525	7310	10866	12689	13776	14766	14006	12898
60	8238	8920	10928	14108	16238	14643	12462	9922	6207	3900	3173	3013	3086	3121	3386	4253	6943	10701	12958	15055	16342	13926	10671
65	2864	3409	6075	12264	18123	16547	12496	9211	5579	3413	2613	2376	2424	2458	2821	3781	6282	10117	13012	16749	17796	11750	5835
70	636	690	1076	7412	18268	17996	11678	7672	4509	2414	1773	1571	1580	1611	1894	2789	5208	8700	12203	18121	17560	7131	11750
75	381	406	484	2461	12578	14588	9442	5505	2800	1312	988	523	565	638	1047	1514	3441	6461	9950	15642	12180	2180	4817
80	178	200	242	825	4788	5134	4802	2943	957	537	395	304	389	303	453	617	1391	3834	5092	5954	4817	671	2180
85	34	45	52	146	1250	795	963	918	143	164	156	141	176	147	183	182	179	1153	946	800	1220	136	0
90	0	0	0	0	28	0	0	156	0	1	0	8	0	14	1	6	0	0	27	0	24	0	0
95	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0
100	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0
105	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0
110	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0
115	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0
120	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0
125	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
130	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0