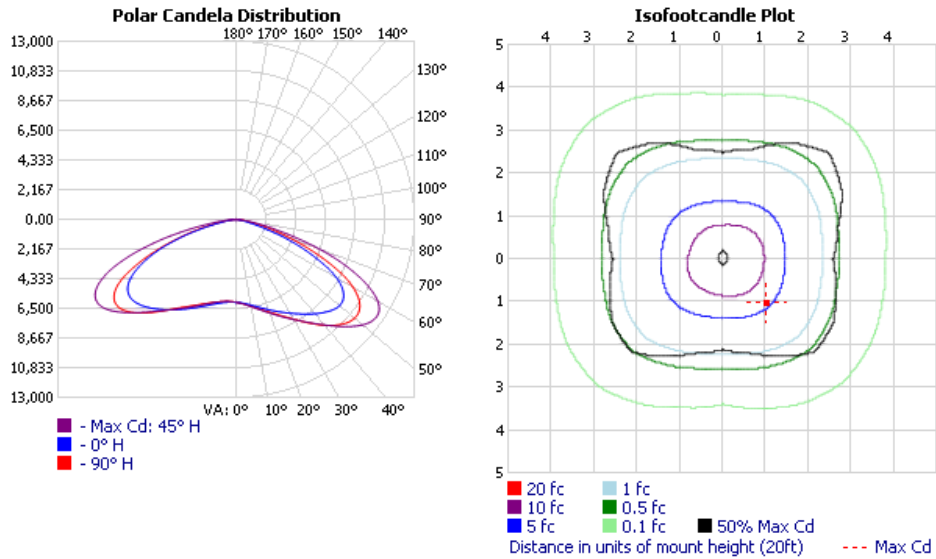


OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-300405M

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS  
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD  
TEST DATE: 01 JUNE 2018  
CATALOG: P4-300405M  
DESCRIPTION: LED  
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 41698  
BALLAST / DRIVER: AC120-277V,50/60HZ  
INPUT WATTAGE: 300.85  
LUMINOUS OPENING: RECTANGLE (L: 47.24", W: 1.18")  
MAX CD: 12,470.3 AT HORIZONTAL: 45°, VERTICAL: 55°  
CUTOFF CLASS: CUTOFF  
ROADWAY CLASS: TYPE VS  
EFFICIENCY: 100%



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**OUTDOOR PHOTOMETRIC REPORT**  
CATALOG: P4-300405M

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	5,878.7	14.1%	14.1%
0-40	11,256.2	27%	27%
0-60	28,871.2	69.2%	69.2%
60-90	12,821.6	30.7%	30.8%
70-100	4,227.9	10.1%	10.1%
90-120	1.7	0%	0%
0-90	41,692.8	100%	100%
90-180	2.7	0%	0%
0-180	41,695.4	100%	100%

**ROADWAY SUMMARY**

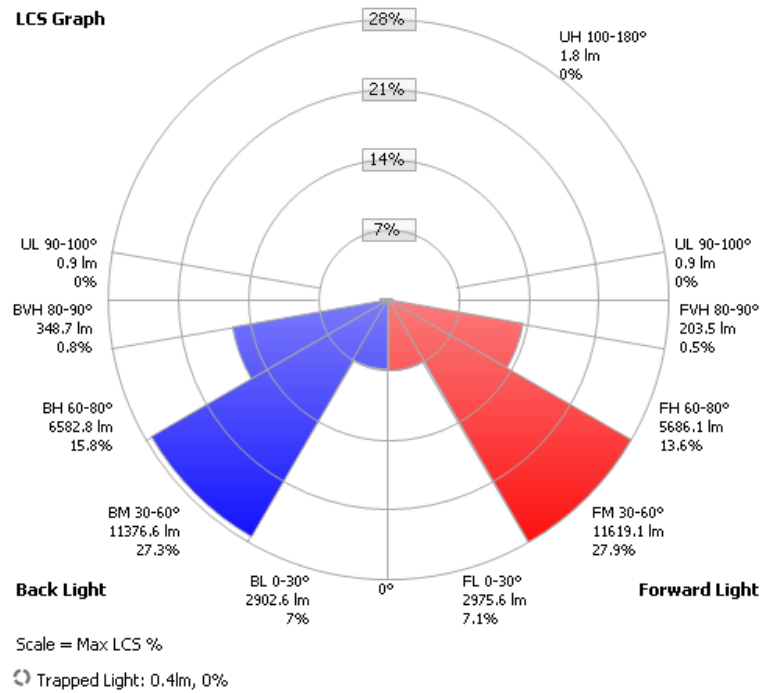
CUTOFF CLASSIFICATION:	CUTOFF
DISTRIBUTION:	TYPE VS
MAX CD, 90 DEG VERT:	58.6
MAX CD, 80 TO <90 DEG:	2,438.6
	LUMENS % LAMP
DOWNWARD STREET SIDE:	20,484.3 49.1%
DOWNWARD HOUSE SIDE:	21,210.6 50.9%
DOWNWARD TOTAL:	41,694.9 100%
UPWARD STREET SIDE:	0.9 0%
UPWARD HOUSE SIDE:	1.8 0%
UPWARD TOTAL:	2.7 0%
TOTAL LUMENS:	41,697.6 100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	588.1	1.4%	90-100	0.9	0%
10-20	1,868.8	4.5%	100-110	0.3	0%
20-30	3,421.8	8.2%	110-120	0.4	0%
30-40	5,377.5	12.9%	120-130	0.3	0%
40-50	7,791.5	18.7%	130-140	0.2	0%
50-60	9,823.5	23.6%	140-150	0.2	0%
60-70	8,594.6	20.6%	150-160	0.1	0%
70-80	3,674.7	8.8%	160-170	0.1	0%
80-90	552.3	1.3%	170-180	0.0	0%

**LCS TABLE**

BUG RATING	B5 - U1 - G3	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	2,975.6	7.1%
MEDIUM(30-60):	11,619.1	27.9%
HIGH(60-80):	5,686.1	13.6%
VERY HIGH(80-90):	203.5	0.5%
BACK LIGHT		
LOW(0-30):	2,902.6	7%
MEDIUM(30-60):	11,376.6	27.3%
HIGH(60-80):	6,582.8	15.8%
VERY HIGH(80-90):	348.7	0.8%
UPLIGHT		
LOW(90-100):	0.9	0%
HIGH(100-180):	1.8	0%
TRAPPED LIGHT:	0.4	0%



**OUTDOOR PHOTOMETRIC REPORT**  
CATALOG: P4-300405M

**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
0	6048	6044	6048	6047	6049	6050	6045	6045	6044	6046	6046	6046	6048	6044	6048	6047	6049	6050	6045	6045	6044	604
5	6151	6170	6194	6203	6212	6208	6194	6183	6158	6137	6109	6082	6057	6034	6018	6008	6003	6006	6012	6022	6044	606
10	6360	6408	6453	6470	6479	6469	6445	6427	6385	6345	6288	6232	6180	6140	6108	6087	6073	6075	6090	6115	6158	619
15	6658	6739	6811	6837	6839	6816	6787	6771	6721	6665	6573	6484	6408	6358	6318	6284	6250	6244	6269	6312	6384	643
20	7021	7145	7253	7288	7281	7246	7215	7212	7162	7086	6952	6823	6721	6672	6631	6583	6520	6500	6539	6611	6714	677
25	7440	7608	7763	7820	7815	7774	7747	7760	7706	7601	7412	7230	7104	7065	7036	6973	6877	6844	6899	7010	7140	718
30	7906	8125	8345	8446	8458	8425	8409	8442	8373	8218	7951	7704	7552	7519	7513	7448	7326	7280	7362	7512	7665	769
35	8429	8701	9018	9180	9235	9223	9219	9261	9173	8945	8574	8237	8049	8033	8068	8019	7892	7857	7970	8152	8313	829
40	8989	9337	9797	10058	10140	10108	10086	10167	10096	9793	9276	8812	8574	8588	8706	8722	8624	8621	8765	8973	9129	905
45	9496	9937	10633	11053	11074	10919	10841	11001	11066	10736	10038	9386	9087	9148	9419	9582	9546	9538	9662	9922	10136	999
50	9822	10375	11344	11994	11842	11429	11249	11542	11888	11670	10785	9872	9490	9637	10152	10570	10563	10410	10433	10795	11192	1106
55	9580	10259	11597	12470	12117	11326	11022	11500	12268	12327	11280	10046	9572	9845	10710	11466	11419	10919	10737	11238	11982	1190
60	8412	9194	10808	11937	11394	10225	9817	10500	11741	12222	11121	9571	9014	9454	10722	11810	11593	10628	10153	10783	11873	1197
65	6083	6855	8682	9904	9299	7889	7454	8291	9976	10912	9838	8128	7564	8141	9765	11060	10516	9053	8253	8946	10262	1052
70	3470	4085	5459	6763	6036	4979	4662	5317	6977	8246	7359	5839	5342	5964	7586	8903	7926	6348	5560	6100	7211	757
75	1301	1864	2730	3359	3133	2675	2497	2862	3883	4819	4273	3191	2692	3316	4611	5611	4778	3531	2981	3306	3918	400
80	477	723	1153	1338	1409	1276	963	1375	1825	1984	1966	1328	1001	1337	2128	2439	2242	1627	1111	1508	1670	156
85	68	112	150	245	319	402	336	503	632	603	645	416	328	422	730	732	783	615	366	524	388	30
90	0	0	0	0	0	0	0	0	25	0	32	0	59	0	1	0	53	0	0	15	0	0
95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	0	0
110	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0
115	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0
120	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0
125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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
140	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	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
175	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