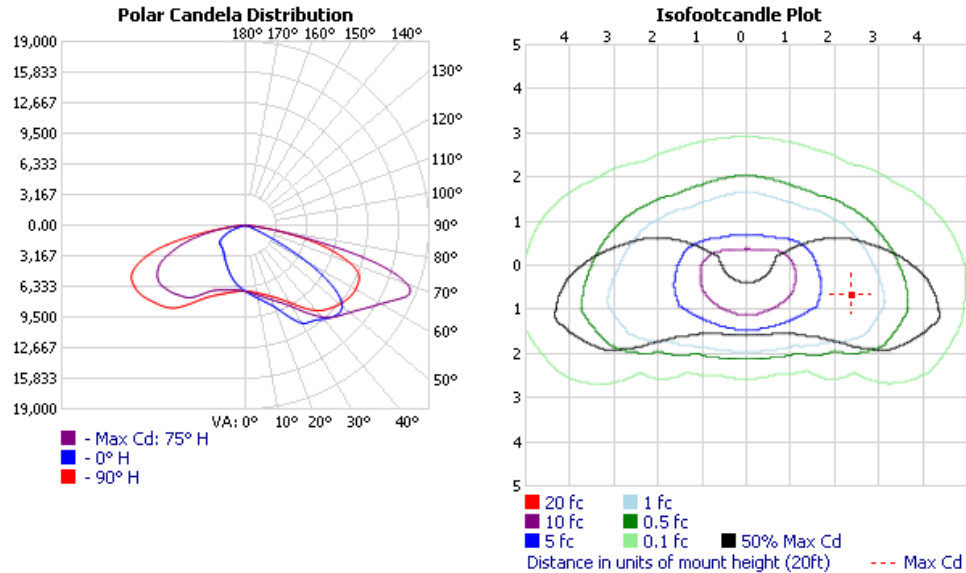


OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-300403M

MANUFACTURER: ADVANTAGE LIGHTING
TEST LAB: SOLUTIONSDONGGUAN NEW TESTING
TEST DATE: CENTRE CO., LTD 04 JUNE 2018
CATALOG: P4-300403M
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 40033
BALLAST / DRIVER: 120-277VAC,50/60HZ
INPUT WATTAGE: 300.293
LUMINOUS OPENING: RECTANGLE (L: 11.81", W: 11.81")
MAX CD: 18,394.4 AT HORIZONTAL: 75°, VERTICAL: 68°
CUTOFF CLASS: SEMICUTOFF
ROADWAY CLASS: MEDIUM, TYPE III
EFFICIENCY: 100%



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OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-300403M

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	6,302.4	15.7%	15.7%
0-40	11,944.4	29.8%	29.8%
0-60	28,101.6	70.2%	70.2%
60-90	11,927.3	29.8%	29.8%
70-100	4,441.8	11.1%	11.1%
90-120	1.2	0%	0%
0-90	40,028.9	100%	100%
90-180	2.2	0%	0%
0-180	40,031.1	100%	100%

LUMENS PER ZONE

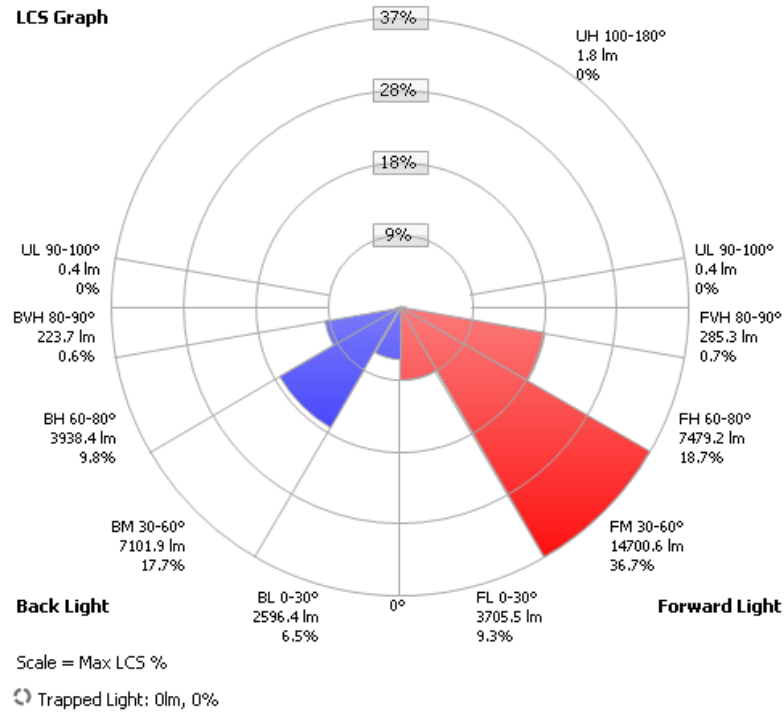
ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	656.8	1.6%	90-100	0.4	0%
10-20	2,019.0	5.0%	100-110	0.4	0%
20-30	3,626.7	9.1%	110-120	0.4	0%
30-40	5,642.0	14.1%	120-130	0.3	0%
40-50	7,499.1	18.7%	130-140	0.2	0%
50-60	8,658.1	21.6%	140-150	0.2	0%
60-70	7,485.9	18.7%	150-160	0.1	0%
70-80	3,932.3	9.8%	160-170	0.1	0%
80-90	509.1	1.3%	170-180	0.0	0%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	SEMICUTOFF	
DISTRIBUTION:	TYPE III, MEDIUM	
MAX CD, 90 DEG VERT:	23.2	
MAX CD, 80 TO <90 DEG:	4,848.1	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	26,170.6	65.4%
DOWNWARD HOUSE SIDE:	13,860.4	34.6%
DOWNWARD TOTAL:	40,031.0	100%
UPWARD STREET SIDE:	0.7	0%
UPWARD HOUSE SIDE:	1.5	0%
UPWARD TOTAL:	2.2	0%
TOTAL LUMENS:	40,033.2	100%

LCS TABLE

BUG RATING	B4 - U1 - G4	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	3,705.5	9.3%
MEDIUM(30-60):	14,700.6	36.7%
HIGH(60-80):	7,479.2	18.7%
VERY HIGH(80-90):	285.3	0.7%
BACK LIGHT		
LOW(0-30):	2,596.4	6.5%
MEDIUM(30-60):	7,101.9	17.7%
HIGH(60-80):	3,938.4	9.8%
VERY HIGH(80-90):	223.7	0.6%
UPLIGHT		
LOW(90-100):	0.4	0%
HIGH(100-180):	1.8	0%
TRAPPED LIGHT:	0.000	0%



OUTDOOR PHOTOMETRIC REPORT
CATALOG: P4-300403M

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	6815	6813	6819	6820	6824	6825	6805	6804	6806	6804	6809	6809	6815	6813	6819	6820	6824	6825	6805	6804	6806	6804	6809
5	7221	7216	7201	7153	7092	7010	6894	6796	6694	6595	6518	6458	6440	6445	6496	6566	6657	6753	6832	6922	7016	7089	7170
10	7671	7668	7644	7573	7470	7310	7092	6881	6631	6375	6177	6044	5999	6023	6138	6320	6557	6794	6990	7170	7346	7468	7550
15	8247	8239	8189	8079	7935	7721	7401	7054	6600	6154	5819	5599	5526	5580	5776	6086	6495	6923	7251	7522	7759	7927	8020
20	9013	9012	8933	8729	8497	8224	7817	7332	6641	5964	5429	5110	5016	5099	5383	5862	6476	7115	7592	7954	8252	8515	8700
25	10342	10358	10207	9765	9234	8850	8396	7789	6831	5848	5088	4676	4562	4669	5026	5665	6527	7411	8052	8489	8882	9390	9900
30	11697	11793	11763	11319	10479	9745	9247	8562	7247	5819	4819	4306	4164	4301	4747	5577	6794	8007	8766	9229	10023	10959	11900
35	12087	12234	12417	12475	11962	11029	10385	9513	7601	5609	4463	3942	3819	3960	4425	5412	7192	8982	9872	10465	11535	12145	12750
40	12636	12672	12798	13050	13062	12384	11510	10118	7567	5175	4062	3624	3543	3676	4075	5017	7155	9697	11128	11887	12547	12586	12900
45	13199	13163	13247	13645	13941	13327	12191	10479	7475	4827	3767	3419	3374	3486	3821	4720	7078	10088	11894	12888	13342	13208	13500
50	13056	13047	13333	14244	14930	14039	12705	10803	7395	4555	3563	3302	3297	3381	3647	4509	7088	10448	12363	13464	14260	13846	13200
55	11040	11321	12335	14426	16168	15006	13074	10859	7172	4278	3357	3175	3221	3269	3470	4280	6977	10681	12867	14457	15531	14053	12200
60	6758	7320	9287	13445	17476	16215	13184	10445	6650	3926	3020	2829	2914	2923	3148	3965	6627	10534	13112	15779	16830	13045	9100
65	2130	2648	4273	10417	18157	17834	13001	9520	5765	3291	2410	2192	2263	2262	2535	3375	5913	9840	13027	17388	17443	9966	4000
70	624	625	951	4937	16124	17851	11618	7670	4444	2263	1632	1439	1452	1480	1721	2403	4689	8229	11938	17838	15540	5043	1000
75	371	390	442	1305	9296	12335	8460	5160	2602	1232	933	523	561	557	981	1364	3021	6010	9320	13889	9444	1266	0
80	174	191	224	527	3102	3738	3647	2493	904	513	399	297	372	298	439	578	1246	3344	4378	4848	3352	506	0
85	33	43	49	95	759	559	609	531	143	156	153	140	161	144	164	165	163	1037	897	742	852	98	0
90	0	0	0	0	10	0	0	0	0	23	0	5	0	11	0	4	0	0	19	0	15	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	0	1	1	0	0	0	0	0
105	0	0	0	0	0	0	1	1	1	0	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	1	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	1	0	0	0
125	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	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