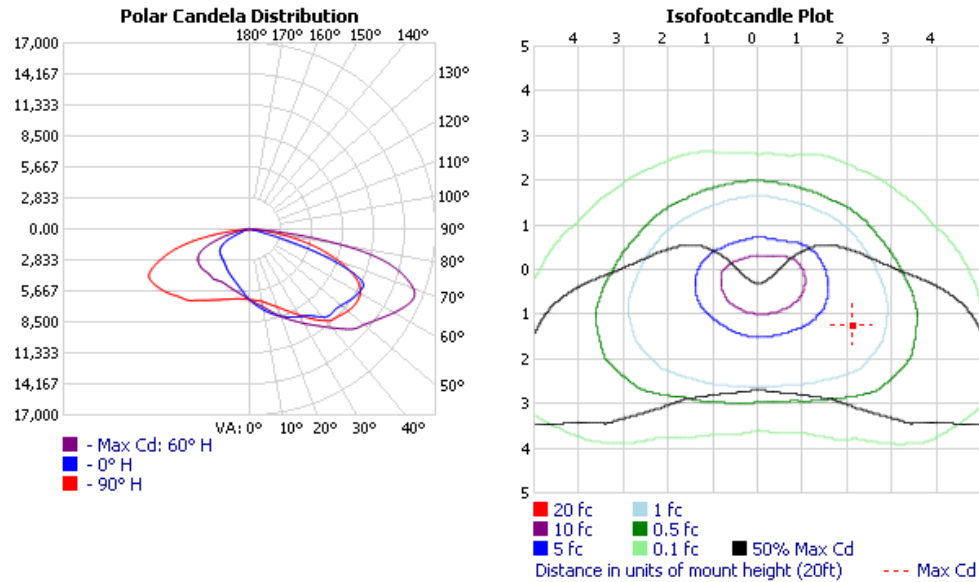


OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-300404M

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 09 JANUARY 2019
CATALOG: P4-300404M
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 39701
BALLAST / DRIVER: 120-277VAC 50/60HZ
INPUT WATTAGE: 300.381
LUMINOUS OPENING: RECTANGLE (L: 15.75", W: 11.81")
MAX CD: 16,267.6 AT HORIZONTAL: 60°, VERTICAL: 67°
CUTOFF CLASS: NONCUTOFF
ROADWAY CLASS: SHORT, TYPE IV
EFFICIENCY: 100%



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OUTDOOR PHOTOMETRIC REPORT
CATALOG: P4-300404M

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	5,780.5	14.6%	14.6%
0-40	10,608.1	26.7%	26.7%
0-60	24,967.3	62.9%	62.9%
60-90	14,727.5	37.1%	37.1%
70-100	6,254.8	15.8%	15.8%
90-120	1.5	0%	0%
0-90	39,694.8	100%	100%
90-180	2.6	0%	0%
0-180	39,697.4	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	617.5	1.6%	90-100	0.5	0%
10-20	1,889.6	4.8%	100-110	0.5	0%
20-30	3,273.3	8.2%	110-120	0.5	0%
30-40	4,827.7	12.2%	120-130	0.3	0%
40-50	6,498.2	16.4%	130-140	0.3	0%
50-60	7,860.9	19.8%	140-150	0.2	0%
60-70	8,473.3	21.3%	150-160	0.2	0%
70-80	5,373.1	13.5%	160-170	0.1	0%
80-90	881.2	2.2%	170-180	0.0	0%

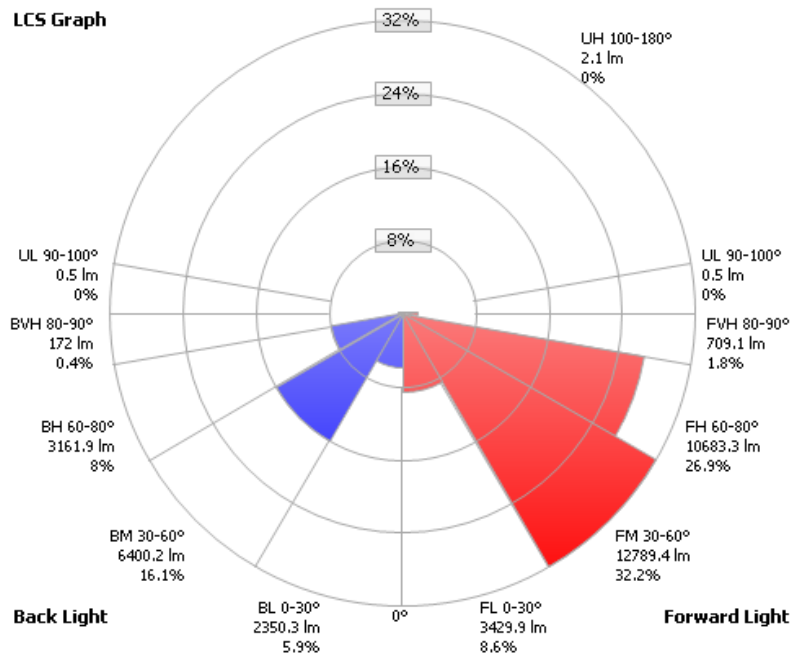
ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	NONCUTOFF	
DISTRIBUTION:	TYPE IV, SHORT	
MAX CD, 90 DEG VERT:	28.2	
MAX CD, 80 TO <90 DEG:	10,293.2	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	27,611.6	69.5%
DOWNWARD HOUSE SIDE:	12,084.4	30.4%
DOWNWARD TOTAL:	39,696.0	100%
UPWARD STREET SIDE:	0.7	0%
UPWARD HOUSE SIDE:	1.9	0%
UPWARD TOTAL:	2.6	0%
TOTAL LUMENS:	39,698.6	100%

LCS TABLE

BUG RATING	B4 - U1 - G4	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	3,429.9	8.6%
MEDIUM(30-60):	12,789.4	32.2%
HIGH(60-80):	10,683.3	26.9%
VERY HIGH(80-90):	709.1	1.8%
BACK LIGHT		
LOW(0-30):	2,350.3	5.9%
MEDIUM(30-60):	6,400.2	16.1%
HIGH(60-80):	3,161.9	8%
VERY HIGH(80-90):	172.0	0.4%
UPLIGHT		
LOW(90-100):	0.5	0%
HIGH(100-180):	2.1	0%
TRAPPED LIGHT:	2.4	0%

LCS Graph



Scale = Max LCS %

Trapped Light: 2.4lm, 0%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-300404M

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	6443	6443	6443	6443	6443	6443	6443	6443	6443	6443	6443	6443	6443	6443	6443	6443	6443	6443	6443	6443	6443	6443	6443
5	6984	6995	6965	6902	6806	6685	6543	6390	6237	6097	5988	5910	5877	5886	5935	6021	6136	6270	6412	6548	6678	6789	6875
10	7513	7531	7474	7369	7225	7016	6726	6395	6057	5772	5558	5424	5371	5396	5492	5662	5898	6175	6465	6726	6960	7153	7311
15	8021	8045	8020	7976	7826	7553	7111	6556	5965	5498	5202	5042	4985	5022	5136	5361	5716	6164	6627	7012	7329	7564	7755
20	8472	8514	8579	8625	8501	8178	7608	6820	5952	5296	4915	4739	4680	4712	4836	5107	5579	6208	6842	7344	7732	7992	8165
25	8879	8952	9130	9256	9197	8903	8257	7251	6058	5191	4715	4494	4424	4452	4579	4872	5469	6317	7145	7746	8168	8411	8595
30	9232	9375	9664	9874	9945	9718	9053	7885	6358	5221	4576	4262	4159	4193	4345	4734	5476	6501	7491	8185	8623	8838	8975
35	9662	9866	10214	10560	10775	10685	10025	8680	6767	5209	4378	4011	3907	3924	4109	4650	5614	6856	7934	8644	9082	9264	9385
40	10487	10827	11211	11563	11779	11656	10933	9177	6870	5028	4160	3833	3731	3730	3882	4449	5549	7117	8508	9195	9617	9933	10175
45	10747	11224	11804	12625	12923	12675	11349	9400	7049	5005	4073	3729	3608	3597	3764	4334	5559	7218	8851	9964	10485	10780	10964
50	10881	11290	11775	12867	13605	13098	11683	9594	7111	4963	3973	3608	3502	3494	3680	4262	5636	7523	9286	10480	10939	10796	10585
55	11262	11653	12203	13598	14354	13664	11851	9462	6875	4756	3753	3373	3304	3322	3540	4153	5618	7711	9720	11145	11628	11193	10995
60	11551	11979	12869	14635	15260	14142	11678	8845	6244	4268	3251	2857	2826	2900	3228	3940	5448	7720	10058	11969	12664	12058	11675
65	11391	11745	13246	15349	16092	14278	10794	7551	5142	3295	2413	1967	1826	2095	2521	3356	4948	7309	10169	12929	13977	13120	12305
70	7522	8289	11664	15362	15958	13229	8809	5429	3553	2007	1508	794	798	928	1656	2267	3722	5694	8968	13165	14814	13868	11195
75	1421	2456	6157	12261	13825	10990	6279	3296	1811	1101	637	572	614	584	722	1262	2109	3776	7010	12019	13910	11750	5835
80	380	405	1174	6050	9037	4581	3207	1357	428	492	375	380	427	394	389	579	597	1827	3949	6594	10293	5859	1105
85	96	103	153	1163	2205	423	728	172	159	148	153	148	171	164	166	175	186	413	1015	929	3027	1068	155
90	0	0	0	0	0	0	0	1	1	1	5	0	6	0	10	0	28	1	0	22	0	1	0
95	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0
100	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0
105	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0
110	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0
115	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0
120	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0
125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0
130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0
135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0
140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
155	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0
160	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0
165	0	0	0	0	0	0	0	0	1	1	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