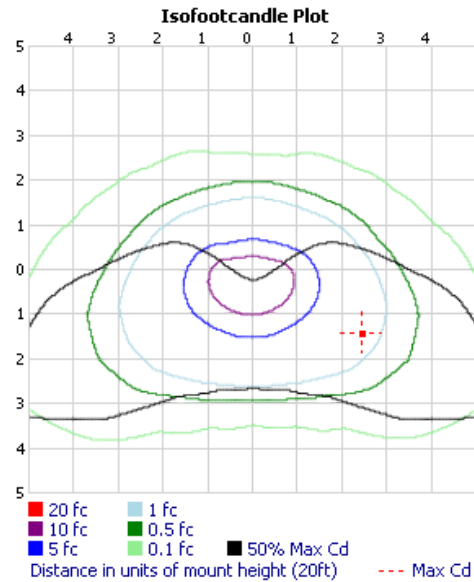
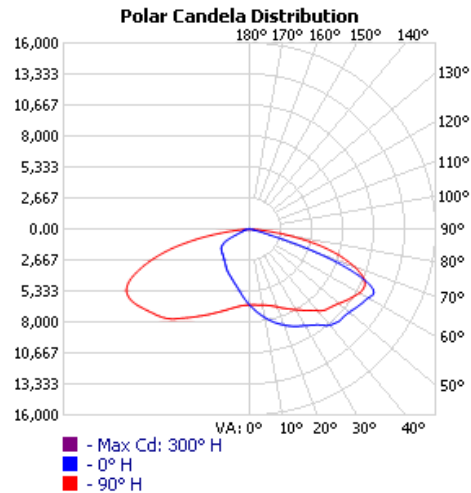


OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-300504M

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 09 JANUARY 2019
CATALOG: P4-300504M
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 39974
BALLAST / DRIVER: 120-277VAC 50/60HZ
INPUT WATTAGE: 300.232
LUMINOUS OPENING: RECTANGLE (L: 15.75", W: 11.81")
MAX CD: 15,977.9 AT HORIZONTAL: 300°, VERTICAL: 69°
CUTOFF CLASS: NONCUTOFF
ROADWAY CLASS: MEDIUM, TYPE IV
EFFICIENCY: 100%



VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2019, ACUITY BRANDS LIGHTING.

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OUTDOOR PHOTOMETRIC REPORT
CATALOG: P4-300504M

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	5,855.4	14.6%	14.6%
0-40	10,680.0	26.7%	26.7%
0-60	24,966.9	62.5%	62.5%
60-90	15,006.4	37.5%	37.5%
70-100	6,322.2	15.8%	15.8%
90-120	1.7	0%	0%
0-90	39,973.3	100%	100%
90-180	2.9	0%	0%
0-180	39,976.2	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	627.4	1.6%	90-100	0.6	0%
10-20	1,920.1	4.8%	100-110	0.6	0%
20-30	3,307.9	8.3%	110-120	0.5	0%
30-40	4,824.6	12.1%	120-130	0.4	0%
40-50	6,435.7	16.1%	130-140	0.3	0%
50-60	7,851.2	19.6%	140-150	0.2	0%
60-70	8,684.8	21.7%	150-160	0.2	0%
70-80	5,467.5	13.7%	160-170	0.1	0%
80-90	854.2	2.1%	170-180	0.0	0%

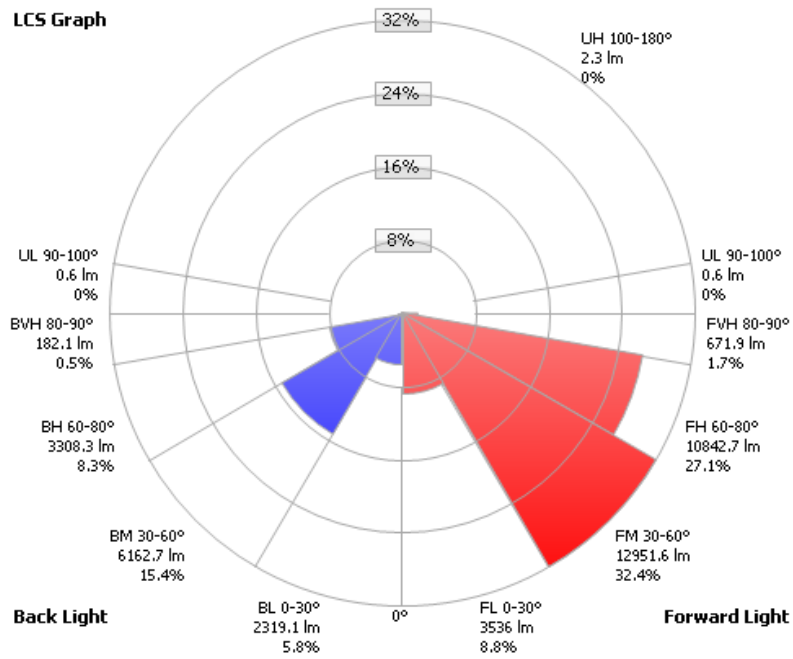
ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	NONCUTOFF	
DISTRIBUTION:	TYPE IV, MEDIUM	
MAX CD, 90 DEG VERT:	29.8	
MAX CD, 80 TO <90 DEG:	9,652.0	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	28,002.2	70.1%
DOWNWARD HOUSE SIDE:	11,972.3	30%
DOWNWARD TOTAL:	39,974.4	100%
UPWARD STREET SIDE:	0.8	0%
UPWARD HOUSE SIDE:	2.1	0%
UPWARD TOTAL:	2.9	0%
TOTAL LUMENS:	39,977.3	100%

LCS TABLE

BUG RATING	B4 - U1 - G4	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	3,536.0	8.8%
MEDIUM(30-60):	12,951.6	32.4%
HIGH(60-80):	10,842.7	27.1%
VERY HIGH(80-90):	671.9	1.7%
BACK LIGHT		
LOW(0-30):	2,319.1	5.8%
MEDIUM(30-60):	6,162.7	15.4%
HIGH(60-80):	3,308.3	8.3%
VERY HIGH(80-90):	182.1	0.5%
UPLIGHT		
LOW(90-100):	0.6	0%
HIGH(100-180):	2.3	0%
TRAPPED LIGHT:	0.000	0%

LCS Graph



Back Light

Forward Light

Scale = Max LCS %

Trapped Light: 0lm, 0%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-300504M

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	6527	6527	6527	6527	6527	6527	6527	6527	6527	6527	6527	6527	6527	6527	6527	6527	6527	6527	6527	6527	6527	6527	6527
5	7139	7115	7057	6968	6852	6710	6549	6387	6226	6087	5983	5921	5905	5937	6013	6126	6272	6434	6599	6753	6892	7001	7085
10	7746	7711	7614	7449	7224	6951	6638	6310	5979	5684	5465	5336	5306	5362	5516	5763	6092	6460	6821	7128	7385	7566	7671
15	8301	8260	8130	7918	7637	7269	6812	6293	5762	5324	5034	4889	4854	4915	5091	5440	5968	6575	7151	7612	7968	8180	8285
20	8793	8737	8578	8395	8145	7728	7136	6393	5600	5020	4688	4541	4511	4566	4748	5168	5888	6770	7573	8167	8569	8762	8857
25	9222	9152	9006	8906	8701	8253	7550	6592	5514	4766	4410	4252	4224	4274	4466	4936	5848	7041	8075	8773	9187	9321	9397
30	9584	9532	9448	9406	9231	8786	8009	6850	5514	4602	4172	3988	3944	4011	4238	4807	5925	7405	8642	9406	9794	9880	9891
35	10053	10000	9917	9891	9764	9353	8537	7219	5676	4552	3957	3692	3643	3708	4035	4776	6150	7903	9313	10104	10433	10455	10397
40	10782	10752	10642	10571	10379	9975	9155	7628	5663	4338	3708	3460	3404	3449	3764	4580	6264	8451	10083	10900	11208	11251	11157
45	11061	11124	11027	11213	11210	10786	9623	7730	5677	4199	3552	3295	3220	3279	3616	4474	6417	8729	10698	11827	12175	11999	11691
50	11164	11262	11110	11437	11663	11235	9978	7996	5717	4095	3420	3160	3093	3165	3501	4421	6562	9023	11110	12492	12889	12353	11647
55	11476	11616	11483	11898	12324	11961	10468	8200	5703	3970	3265	3014	2969	3033	3374	4344	6551	9235	11580	13144	13580	12877	12007
60	11822	11983	12150	12744	13431	12935	10943	8209	5503	3746	2985	2699	2656	2736	3137	4135	6203	9104	11924	14017	14605	13708	12627
65	11475	11912	12959	13816	14824	14015	10956	7572	4948	3180	2367	2021	1870	2081	2491	3494	5375	8162	11637	14800	15671	14647	13187
70	7111	8093	10970	14651	15685	14153	9691	5830	3726	2125	1583	784	756	917	1681	2289	4005	6215	10035	14584	15917	15097	11297
75	1339	1548	4814	11584	14620	12711	7320	3718	1997	1214	621	533	565	540	742	1268	2208	3972	7496	12805	14396	11752	5207
80	365	381	581	5169	9637	5953	4008	1707	460	521	350	360	396	368	375	549	649	1882	4039	6591	9652	5413	7957
85	102	112	136	707	2355	405	944	197	157	147	151	154	170	165	171	172	188	389	995	740	2455	773	1517
90	0	0	0	0	0	0	0	0	1	1	7	0	9	0	12	0	28	1	1	30	0	0	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	2	2	1	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	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	0
115	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0	0
120	0	0	0	0	0	0	1	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	1	1	1	1	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
150	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0
155	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0
160	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0
165	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0
170	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	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