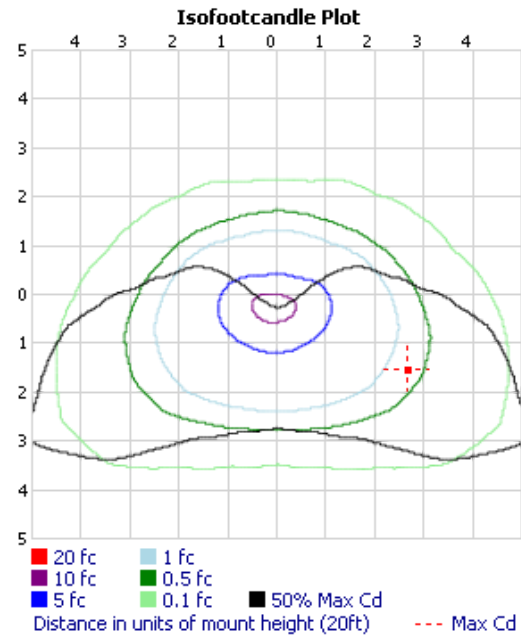
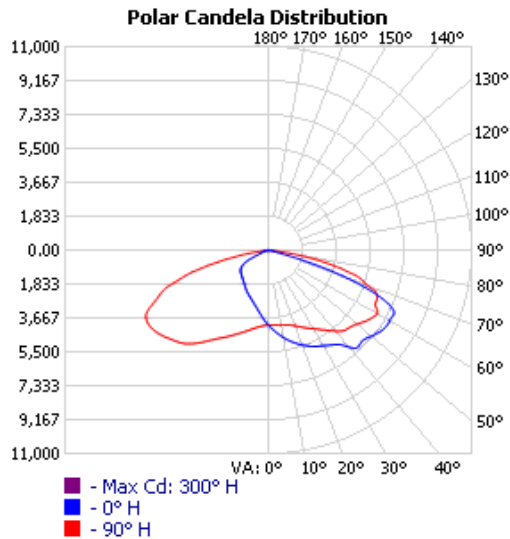


OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-200504M

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 11 JANUARY 2019
CATALOG: P4-200504M
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 24883
BALLAST / DRIVER: 120-277VAC 50/60HZ
INPUT WATTAGE: 200.28
LUMINOUS OPENING: RECTANGLE (L: 11.81", W: 11.81")
MAX CD: 10,183.6 AT HORIZONTAL: 300°, VERTICAL: 67°
CUTOFF CLASS: NONCUTOFF
ROADWAY CLASS: SHORT, TYPE IV
EFFICIENCY: 100%



VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2019, ACUITY BRANDS LIGHTING.

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VISUAL PHOTOMETRIC TOOL

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OUTDOOR PHOTOMETRIC REPORT
CATALOG: P4-200504M

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	3,638.6	14.6%	14.6%
0-40	6,654.9	26.7%	26.7%
0-60	15,771.5	63.4%	63.4%
60-90	9,097.8	36.6%	36.6%
70-100	3,705.8	14.9%	14.9%
90-120	4.9	0%	0%
0-90	24,869.3	99.9%	99.9%
90-180	16.5	0.1%	0.1%
0-180	24,885.8	100%	100%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	NONCUTOFF	
DISTRIBUTION:	TYPE IV, SHORT	
MAX CD, 90 DEG VERT:	22.8	
MAX CD, 80 TO <90 DEG:	5,537.0	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	17,610.3	70.8%
DOWNWARD HOUSE SIDE:	7,259.8	29.2%
DOWNWARD TOTAL:	24,870.0	99.9%
UPWARD STREET SIDE:	11.8	0%
UPWARD HOUSE SIDE:	4.7	0%
UPWARD TOTAL:	16.5	0.1%
TOTAL LUMENS:	24,886.5	100%

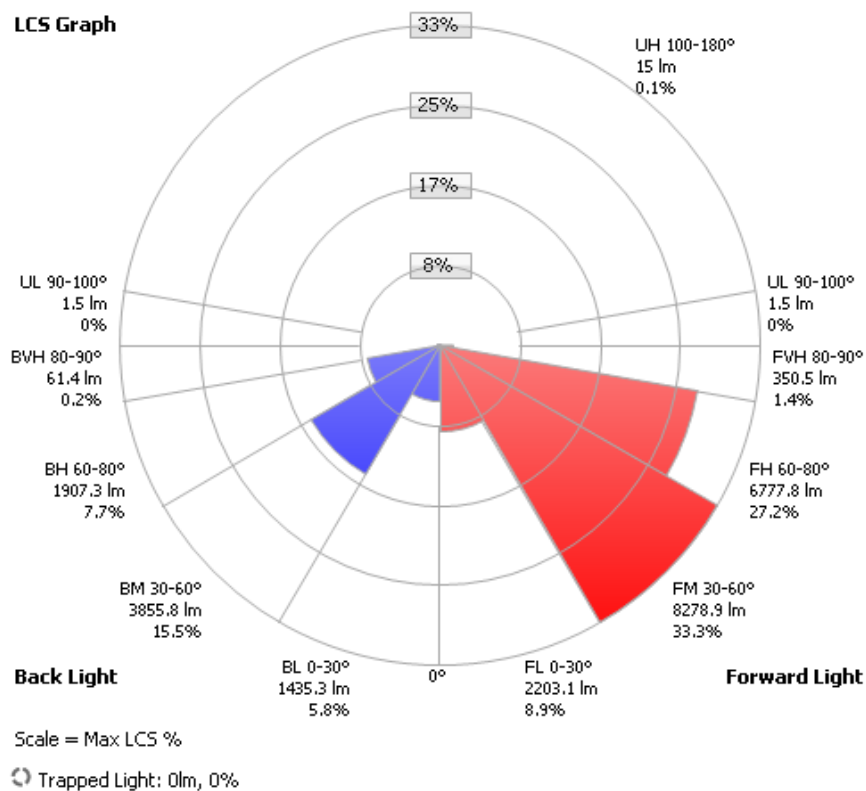
LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	388.9	1.6%	90-100	1.5	0%
10-20	1,192.1	4.8%	100-110	1.8	0%
20-30	2,057.6	8.3%	110-120	1.6	0%
30-40	3,016.3	12.1%	120-130	1.8	0%
40-50	4,104.4	16.5%	130-140	2.4	0%
50-60	5,012.2	20.1%	140-150	2.6	0%
60-70	5,393.5	21.7%	150-160	2.3	0%
70-80	3,292.3	13.2%	160-170	1.8	0%
80-90	412.0	1.7%	170-180	0.6	0%

LCS TABLE

BUG RATING	B3 - U2 - G3	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	2,203.1	8.9%
MEDIUM(30-60):	8,278.9	33.3%
HIGH(60-80):	6,777.8	27.2%
VERY HIGH(80-90):	350.5	1.4%
BACK LIGHT		
LOW(0-30):	1,435.3	5.8%
MEDIUM(30-60):	3,855.8	15.5%
HIGH(60-80):	1,907.3	7.7%
VERY HIGH(80-90):	61.4	0.2%
UPLIGHT		
LOW(90-100):	1.5	0%
HIGH(100-180):	15.0	0.1%
TRAPPED LIGHT:	0.000	0%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-200504M



OUTDOOR PHOTOMETRIC REPORT
CATALOG: P4-200504M

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	34
0	4044	4044	4044	4044	4044	4044	4044	4044	4044	4044	4044	4044	4044	4044	4044	4044	4044	4044	4044	4044	4044	4044	4044	40
5	4425	4408	4367	4308	4234	4145	4044	3942	3840	3757	3694	3653	3649	3671	3723	3801	3896	4003	4112	4210	4297	4361	4405	44
10	4803	4772	4705	4602	4464	4296	4099	3891	3677	3496	3362	3287	3270	3308	3410	3573	3792	4038	4277	4475	4637	4739	4800	48
15	5150	5111	5034	4897	4697	4462	4183	3868	3545	3275	3094	3010	2986	3025	3139	3372	3724	4130	4509	4804	5028	5154	5200	51
20	5457	5413	5311	5155	4974	4712	4354	3905	3430	3087	2885	2791	2768	2803	2924	3195	3676	4263	4799	5179	5434	5539	5555	55
25	5733	5678	5550	5444	5312	5040	4612	4031	3371	2933	2715	2617	2593	2626	2750	3055	3660	4456	5138	5584	5847	5914	5884	58
30	5951	5908	5810	5753	5644	5366	4902	4210	3395	2852	2581	2457	2432	2465	2622	3008	3752	4721	5522	6007	6246	6282	6205	60
35	6229	6172	6073	6059	5969	5730	5254	4474	3498	2814	2452	2277	2258	2272	2475	2951	3905	5114	6038	6507	6684	6657	6514	63
40	6850	6749	6588	6468	6361	6157	5701	4740	3479	2659	2290	2148	2125	2133	2318	2806	3921	5443	6595	7112	7248	7200	7167	70
45	7072	7114	7093	7114	6965	6686	6021	4814	3494	2577	2198	2052	2017	2035	2235	2749	4075	5664	6986	7798	8043	7994	7669	74
50	7243	7217	7002	7131	7288	6998	6218	4960	3526	2519	2119	1962	1935	1960	2168	2727	4171	5880	7291	8166	8445	8062	7575	74
55	7518	7558	7369	7374	7585	7435	6577	5123	3499	2439	2016	1854	1831	1856	2074	2673	4121	5945	7553	8633	8918	8465	7974	78
60	7583	7703	7835	8001	8230	8019	6821	5128	3392	2294	1835	1635	1604	1626	1870	2491	3796	5677	7607	9105	9540	9159	8467	79
65	7392	7639	8109	8747	8917	7972	6458	4556	2991	1959	1436	1138	1019	1111	1404	1985	3130	4748	6939	9270	10095	9774	8593	77
70	4954	5689	7268	8952	9042	8295	5856	3612	2311	1263	954	438	413	422	889	1209	2129	3465	5854	8631	9637	9717	7454	55
75	1115	1882	4003	7347	8453	7230	4378	2179	1287	715	349	296	311	293	331	623	1022	1891	3775	6962	8295	7406	3838	17
80	325	350	735	3732	5537	3583	2134	899	335	272	178	181	198	177	167	218	155	634	1483	2538	4634	3757	710	3
85	130	140	143	665	828	90	373	78	44	39	51	45	57	36	40	28	31	61	88	48	1035	762	140	1
90	0	0	1	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	1	
95	2	1	2	7	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	1	10	2	
100	3	2	3	6	4	1	1	1	1	1	0	0	0	0	1	1	1	0	1	3	7	9	5	
105	3	2	2	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	6	4	
110	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	3	
115	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	
120	4	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	4	
125	5	5	4	3	1	1	1	0	1	1	1	2	2	1	1	1	1	1	1	1	2	5	5	
130	7	6	5	4	2	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	3	5	5	
135	9	8	7	4	3	1	1	1	1	1	2	3	3	2	1	1	1	1	2	1	4	5	5	
140	11	10	8	4	3	1	1	0	1	2	3	4	4	3	2	1	1	1	2	2	3	4	5	
145	13	11	9	6	3	2	1	2	2	3	4	5	5	4	2	1	1	1	1	2	3	4	6	
150	13	12	9	6	6	4	3	4	4	3	4	5	5	3	3	2	2	1	1	2	2	4	6	
155	10	9	8	7	7	7	5	6	5	4	4	4	4	3	3	3	2	2	2	2	3	5	6	
160	10	7	4	9	9	7	6	6	7	7	2	4	6	5	5	4	4	2	2	3	5	7	7	
165	12	8	2	4	8	8	6	7	6	2	4	6	8	9	7	7	6	4	4	5	7	9	9	
170	14	10	8	7	3	1	1	1	3	6	6	9	10	10	10	7	6	4	3	5	7	10	13	
175	10	9	6	6	6	5	5	6	6	7	9	9	8	7	5	3	3	3	3	4	6	9		
180	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	