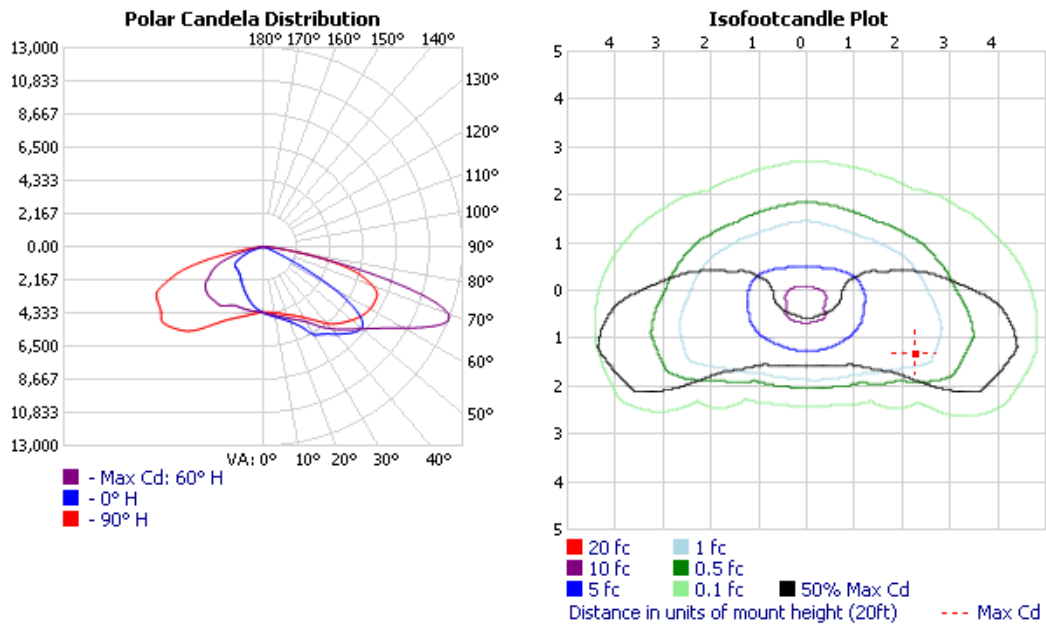


OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-200403M

MANUFACTURER: ADVANTAGE LIGHTING
TEST LAB: SOLUTIONSDONGGUAN NEW TESTING
TEST DATE: CENTRE CO., LTD 26 JULY 2018
CATALOG: P4-200403M
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 25151
BALLAST / DRIVER: 120-277V,50/60HZ
INPUT WATTAGE: 200.66
LUMINOUS OPENING: RECTANGLE (L: 3.94", W: 3.94")
MAX CD: 12,992.9 AT HORIZONTAL: 60°, VERTICAL: 69°
CUTOFF CLASS: SEMICUTOFF
ROADWAY CLASS: MEDIUM, TYPE III
EFFICIENCY: 100%



VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2019, ACUITY BRANDS LIGHTING.

THIS PHOTOMETRIC REPORT HAS BEEN GENERATED USING METHODS RECOMMENDED BY THE IESNA. CALCULATIONS ARE BASED ON PHOTOMETRIC DATA PROVIDED BY THE MANUFACTURER, AND THE ACCURACY OF THIS PHOTOMETRIC REPORT IS DEPENDENT ON THE ACCURACY OF THE DATA PROVIDED. END-USER ENVIRONMENT AND APPLICATION (INCLUDING, BUT NOT LIMITED TO, VOLTAGE VARIATION AND DIRT ACCUMULATION) CAN CAUSE ACTUAL PHOTOMETRIC PERFORMANCE TO DIFFER FROM THE PERFORMANCE CALCULATED USING THE DATA PROVIDED BY THE MANUFACTURER. THIS REPORT IS PROVIDED WITHOUT WARRANTY AS TO ACCURACY, COMPLETENESS, RELIABILITY OR OTHERWISE. IN NO EVENT WILL ACUITY BRANDS LIGHTING BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF THIS REPORT.

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-200403M

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	3,846.9	15.3%	15.3%
0-40	7,196.3	28.6%	28.6%
0-60	17,298.5	68.8%	68.8%
60-90	7,848.1	31.2%	31.2%
70-100	2,955.4	11.8%	11.8%
90-120	0.8	0%	0%
0-90	25,146.7	100%	100%
90-180	2.9	0%	0%
0-180	25,149.5	100%	100%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	SEMICUTOFF	
DISTRIBUTION:	TYPE III, MEDIUM	
MAX CD, 90 DEG VERT:	26.9	
MAX CD, 80 TO <90 DEG:	3,460.2	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	16,379.0	65.1%
DOWNWARD HOUSE SIDE:	8,768.9	34.9%
DOWNWARD TOTAL:	25,147.9	100%
UPWARD STREET SIDE:	1.4	0%
UPWARD HOUSE SIDE:	1.4	0%
UPWARD TOTAL:	2.9	0%
TOTAL LUMENS:	25,150.8	100%

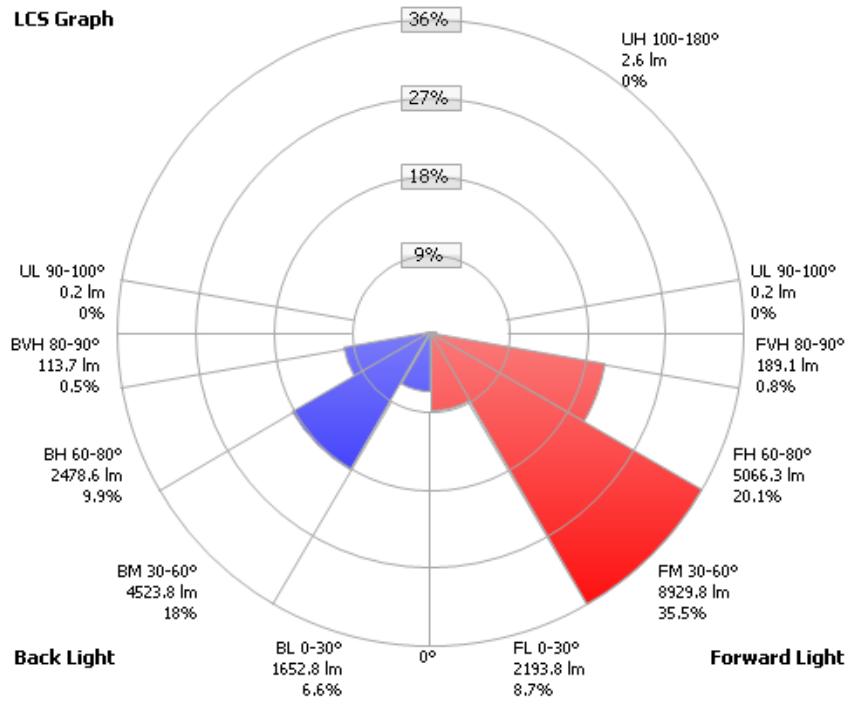
LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	413.1	1.6%	90-100	0.2	0%
10-20	1,254.1	5.0%	100-110	0.3	0%
20-30	2,179.7	8.7%	110-120	0.3	0%
30-40	3,349.5	13.3%	120-130	0.3	0%
40-50	4,577.7	18.2%	130-140	0.5	0%
50-60	5,524.5	22.0%	140-150	0.4	0%
60-70	4,893.0	19.5%	150-160	0.4	0%
70-80	2,652.3	10.5%	160-170	0.3	0%
80-90	302.8	1.2%	170-180	0.1	0%

LCS TABLE

BUG RATING	B3 - U1 - G3	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	2,193.8	8.7%
MEDIUM(30-60):	8,929.8	35.5%
HIGH(60-80):	5,066.3	20.1%
VERY HIGH(80-90):	189.1	0.8%
BACK LIGHT		
LOW(0-30):	1,652.8	6.6%
MEDIUM(30-60):	4,523.8	18%
HIGH(60-80):	2,478.6	9.9%
VERY HIGH(80-90):	113.7	0.5%
UPLIGHT		
LOW(90-100):	0.2	0%
HIGH(100-180):	2.6	0%
TRAPPED LIGHT:	0.2	0%

LCS Graph



Scale = Max LCS %

Trapped Light: 0.2lm, 0%

OUTDOOR PHOTOMETRIC REPORT
CATALOG: P4-200403M

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	4298	4298	4298	4298	4298	4298	4298	4298	4298	4298	4298	4298	4298	4298	4298	4298	4298	4298	4298	4298	4298	4298	4298
5	4478	4468	4455	4433	4409	4374	4301	4250	4200	4158	4126	4103	4105	4119	4155	4202	4260	4323	4355	4403	4444	4468	4482
10	4658	4636	4615	4585	4551	4496	4383	4270	4150	4031	3939	3874	3864	3894	3984	4107	4249	4393	4495	4590	4650	4675	4682
15	4894	4863	4831	4788	4744	4680	4529	4342	4119	3889	3710	3600	3579	3624	3762	3977	4248	4502	4687	4823	4890	4920	4929
20	5232	5184	5133	5055	4986	4906	4730	4458	4103	3733	3467	3306	3273	3336	3525	3824	4239	4642	4922	5090	5173	5215	5253
25	5737	5678	5581	5412	5274	5171	4974	4619	4112	3602	3240	3045	3006	3085	3306	3702	4251	4847	5234	5419	5507	5594	5702
30	6636	6595	6454	6040	5672	5520	5343	4930	4234	3540	3065	2819	2772	2880	3159	3662	4429	5235	5703	5836	5929	6273	6639
35	6973	6960	6959	6792	6343	5992	5869	5433	4451	3454	2874	2590	2546	2661	2984	3594	4717	5867	6377	6416	6664	7047	7158
40	7458	7420	7400	7298	7004	6641	6547	5885	4440	3230	2648	2408	2379	2480	2752	3382	4758	6383	7158	7205	7406	7544	7563
45	7989	7928	7881	7823	7632	7328	7065	6123	4388	3030	2489	2295	2283	2373	2603	3214	4774	6669	7689	7905	8096	8147	8083
50	8334	8306	8320	8446	8354	7827	7480	6365	4330	2883	2379	2230	2242	2314	2504	3087	4759	6887	8061	8401	8880	8855	8479
55	7568	7824	8320	9073	9287	8450	7855	6508	4200	2750	2286	2199	2239	2277	2415	2958	4603	6861	8127	8907	9924	9504	8287
60	4811	5430	6798	9320	10632	9285	8078	6398	3996	2598	2160	2021	2057	2050	2223	2775	4150	6286	7809	9127	10832	9558	6433
65	1411	1930	3288	7855	12268	10469	8115	6016	3681	2308	1765	1542	1535	1513	1739	2280	3647	5818	7675	10050	11827	7437	2864
70	459	479	753	3940	12851	11722	7651	5116	3077	1628	1163	982	958	937	1072	1455	2892	4668	6699	10369	11762	3708	693
75	307	326	365	943	8576	10077	6153	3680	1917	870	658	354	366	331	554	711	1597	3057	4844	7401	6975	929	340
80	168	189	212	417	2901	3460	3021	1859	634	354	303	206	239	191	258	275	463	1328	1840	2121	2077	361	187
85	59	70	70	119	677	440	633	308	71	96	101	89	100	77	78	60	44	115	99	324	332	85	50
90	0	0	0	0	27	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
100	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0
105	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
110	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0
115	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1
130	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1
135	1	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1	2	1	1	1	1	1	1
140	1	1	1	0	0	0	0	0	0	0	1	1	1	0	1	1	1	2	2	2	0	1	1
145	1	1	1	1	0	1	0	0	0	1	1	1	1	0	1	1	1	2	1	1	1	1	1
150	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1
155	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1
160	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
165	2	1	1	0	1	1	1	1	1	0	0	1	1	1	2	1	1	1	1	1	1	1	2
170	2	1	1	1	0	0	0	0	0	0	1	1	2	2	2	2	2	1	0	1	1	2	2
175	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	0	0	0	0	0	0	1
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0