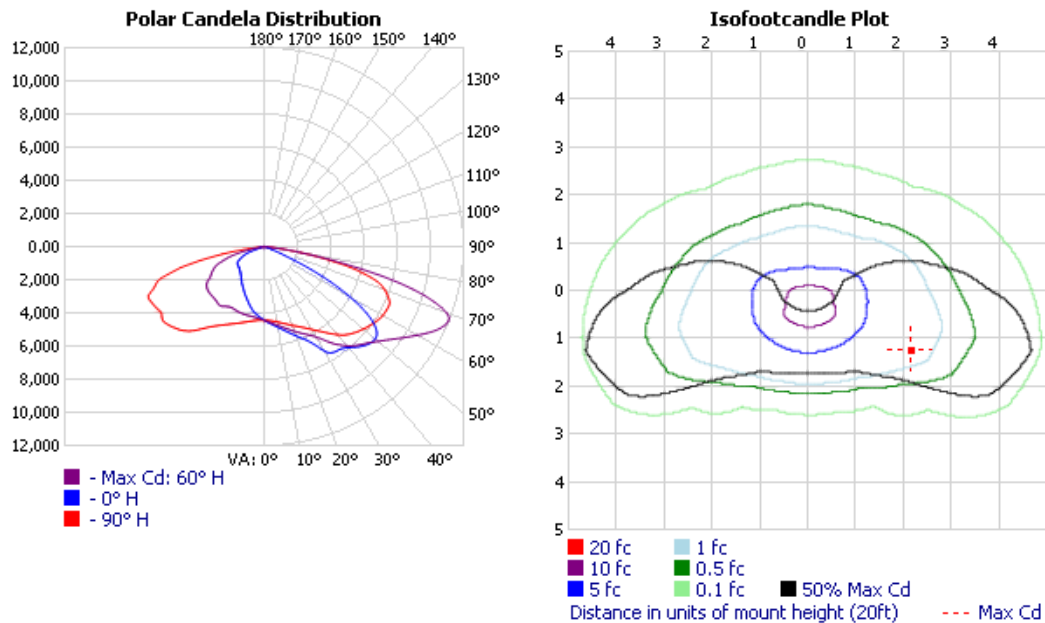


## OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-200503M

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS  
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD  
TEST DATE: 26 JULY 2018  
CATALOG: P4-200503M  
DESCRIPTION: LED  
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 25765  
BALLAST / DRIVER: 120-277V,50/60HZ  
INPUT WATTAGE: 198.228  
LUMINOUS OPENING: RECTANGLE (L: 3.94", W: 3.94")  
MAX CD: 11,962.3 AT HORIZONTAL: 60°, VERTICAL: 68°  
CUTOFF CLASS: SEMICUTOFF  
ROADWAY CLASS: SHORT, TYPE III  
EFFICIENCY: 100%



VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2019, ACUITY BRANDS LIGHTING.

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**OUTDOOR PHOTOMETRIC REPORT**  
 CATALOG: P4-200503M

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	3,994.0	15.5%	15.5%
0-40	7,451.0	28.9%	28.9%
0-60	17,552.5	68.1%	68.1%
60-90	8,206.8	31.9%	31.9%
70-100	3,199.2	12.4%	12.4%
90-120	1.3	0%	0%
0-90	25,759.3	100%	100%
90-180	4.8	0%	0%
0-180	25,764.1	100%	100%

**ROADWAY SUMMARY**

CUTOFF CLASSIFICATION:	SEMICUTOFF	
DISTRIBUTION:	TYPE III, SHORT	
MAX CD, 90 DEG VERT:	1.5	
MAX CD, 80 TO <90 DEG:	3,613.5	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	17,083.6	66.3%
DOWNWARD HOUSE SIDE:	8,676.9	33.7%
DOWNWARD TOTAL:	25,760.5	100%
UPWARD STREET SIDE:	2.8	0%
UPWARD HOUSE SIDE:	2.0	0%
UPWARD TOTAL:	4.8	0%
TOTAL LUMENS:	25,765.3	100%

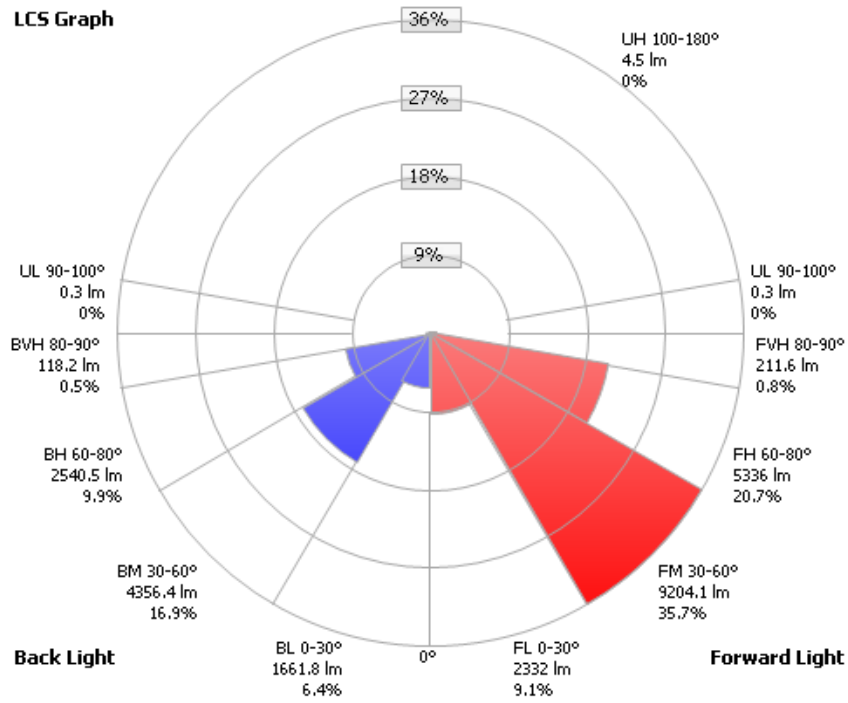
**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	426.0	1.7%	90-100	0.3	0%
10-20	1,302.8	5.1%	100-110	0.5	0%
20-30	2,265.2	8.8%	110-120	0.5	0%
30-40	3,457.0	13.4%	120-130	0.5	0%
40-50	4,612.8	17.9%	130-140	0.9	0%
50-60	5,488.7	21.3%	140-150	0.8	0%
60-70	5,008.0	19.4%	150-160	0.7	0%
70-80	2,869.0	11.1%	160-170	0.5	0%
80-90	329.8	1.3%	170-180	0.1	0%

**LCS TABLE**

BUG RATING	B4 - U1 - G4	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	2,332.0	9.1%
MEDIUM(30-60):	9,204.1	35.7%
HIGH(60-80):	5,336.0	20.7%
VERY HIGH(80-90):	211.6	0.8%
BACK LIGHT		
LOW(0-30):	1,661.8	6.4%
MEDIUM(30-60):	4,356.4	16.9%
HIGH(60-80):	2,540.5	9.9%
VERY HIGH(80-90):	118.2	0.5%
UPLIGHT		
LOW(90-100):	0.3	0%
HIGH(100-180):	4.5	0%
TRAPPED LIGHT:	0.000	0%

**LCS Graph**



Scale = Max LCS %

Trapped Light: 0lm, 0%

**OUTDOOR PHOTOMETRIC REPORT**  
CATALOG: P4-200503M

**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	4431	4431	4431	4431	4431	4431	4431	4431	4431	4431	4431	4431	4431	4431	4431	4431	4431	4431	4431	4431	4431	4431	4431	4
5	4668	4665	4658	4633	4602	4553	4482	4411	4338	4270	4220	4185	4176	4180	4213	4259	4324	4393	4451	4511	4562	4602	4635	4
10	4949	4944	4926	4878	4818	4734	4608	4455	4289	4145	4026	3939	3911	3930	4016	4129	4264	4415	4553	4668	4756	4827	4886	4
15	5300	5292	5266	5195	5102	4979	4804	4557	4279	4003	3758	3605	3555	3594	3743	3979	4251	4496	4717	4878	4999	5105	5195	5
20	5741	5727	5683	5574	5438	5272	5056	4716	4295	3824	3467	3268	3207	3256	3451	3782	4231	4613	4918	5116	5281	5435	5589	5
25	6272	6268	6204	6021	5812	5599	5359	4928	4328	3657	3204	2974	2904	2960	3167	3573	4181	4760	5166	5398	5608	5839	6054	6
30	7266	7258	7146	6740	6293	6002	5767	5268	4457	3567	3011	2727	2644	2711	2949	3414	4184	4982	5484	5719	5993	6460	6940	7
35	7658	7747	7807	7634	7094	6535	6296	5789	4707	3482	2803	2481	2401	2483	2754	3317	4390	5421	5943	6136	6745	7407	7650	7
40	7940	7972	8038	8047	7808	7233	6930	6284	4754	3233	2532	2246	2194	2264	2514	3079	4392	5918	6598	6862	7463	7701	7803	7
45	8441	8415	8423	8418	8318	7868	7416	6540	4697	2999	2323	2089	2057	2119	2326	2881	4326	6132	7101	7517	7886	8077	8233	8
50	8699	8663	8717	8927	8886	8271	7744	6781	4668	2811	2182	1984	1973	2022	2204	2722	4316	6375	7410	7843	8414	8586	8616	8
55	8046	8156	8581	9320	9674	8827	8043	6931	4539	2642	2051	1907	1937	1961	2094	2577	4222	6443	7517	8287	9256	9033	8472	8
60	5791	6220	7312	9317	10666	9654	8255	6827	4252	2465	1915	1787	1839	1836	1971	2414	3802	6073	7457	8686	9777	8946	7093	6
65	2473	2979	4402	8136	11666	10720	8306	6436	3837	2217	1644	1462	1502	1479	1670	2076	3428	5830	7608	9863	10614	7301	4118	2
70	537	624	1045	5015	11699	11602	7764	5417	3153	1684	1172	1005	1012	985	1140	1541	2909	4910	7017	10623	10660	4470	1121	
75	331	345	391	1318	8423	10259	6168	3871	2084	951	700	308	337	293	613	862	1937	3489	5595	9349	7607	1235	374	
80	186	205	228	458	2970	3613	2923	1827	753	378	267	171	221	159	240	313	680	1752	2574	3347	2760	446	208	
85	71	82	82	115	504	391	391	196	64	81	81	66	84	56	62	54	42	168	157	443	470	110	66	
90	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
95	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	
100	1	1	1	1	2	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	
105	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	
110	1	1	0	1	1	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	1	1	0	
115	1	1	0	1	1	0	0	1	1	0	0	0	0	0	0	1	0	1	0	0	1	1	0	
120	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	
125	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	
130	1	1	1	1	1	0	0	0	0	0	0	1	1	0	1	1	2	0	0	0	2	2	1	
135	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	2	3	3	4	2	2	1	
140	2	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	4	3	4	1	2	2	
145	2	2	2	1	1	1	0	1	1	1	1	1	1	1	1	1	1	3	2	3	2	1	2	
150	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	
155	2	2	1	2	2	2	1	2	2	1	1	1	1	1	1	1	2	2	2	1	2	2	1	
160	2	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	1	1	2	2	2	
165	3	2	1	0	1	2	2	2	2	1	0	1	2	2	2	2	2	2	1	2	2	2	3	
170	3	2	2	1	0	0	0	0	0	0	2	2	2	3	3	3	2	1	1	1	2	3	3	
175	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	2	
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	