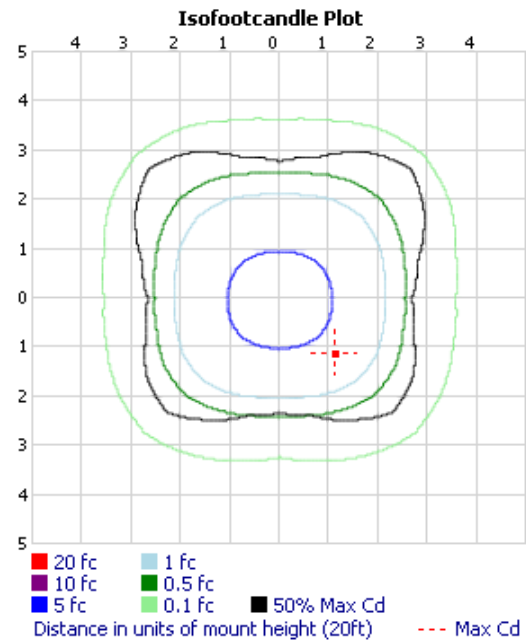
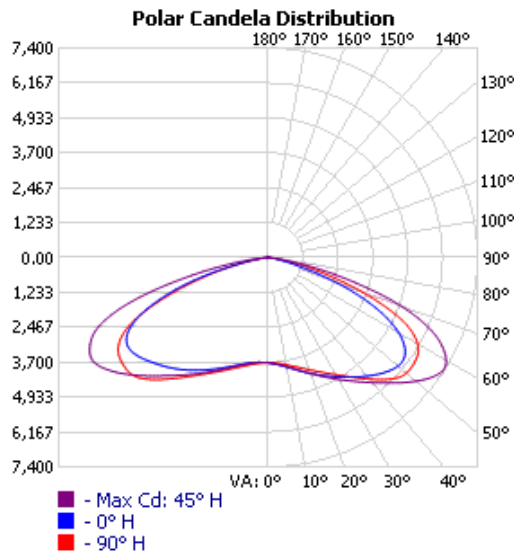


## OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-200505M

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS  
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD  
TEST DATE: 25 JULY 2018  
CATALOG: P4-200505M  
DESCRIPTION: LED  
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 25880  
BALLAST / DRIVER: 120-277V,50/60HZ  
INPUT WATTAGE: 200.249  
LUMINOUS OPENING: RECTANGLE (L: 3.94", W: 3.94")  
MAX CD: 7,359.1 AT HORIZONTAL: 45°, VERTICAL: 58°  
CUTOFF CLASS: CUTOFF  
ROADWAY CLASS: TYPE VS  
EFFICIENCY: 100%



VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2019, ACUITY BRANDS LIGHTING.

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**OUTDOOR PHOTOMETRIC REPORT**  
CATALOG: P4-200505M

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	3,601.7	13.9%	13.9%
0-40	6,842.4	26.4%	26.4%
0-60	17,307.6	66.9%	66.9%
60-90	8,569.1	33.1%	33.1%
70-100	2,964.4	11.5%	11.5%
90-120	0.8	0%	0%
0-90	25,876.6	100%	100%
90-180	2.2	0%	0%
0-180	25,878.8	100%	100%

**ROADWAY SUMMARY**

CUTOFF CLASSIFICATION:	CUTOFF
DISTRIBUTION:	TYPE VS
MAX CD, 90 DEG VERT:	15.0
MAX CD, 80 TO <90 DEG:	1,540.6
	LUMENS % LAMP
DOWNWARD STREET SIDE:	12,772.0 49.4%
DOWNWARD HOUSE SIDE:	13,105.8 50.6%
DOWNWARD TOTAL:	25,877.8 100%
UPWARD STREET SIDE:	1.1 0%
UPWARD HOUSE SIDE:	1.1 0%
UPWARD TOTAL:	2.2 0%
TOTAL LUMENS:	25,880.0 100%

**LUMENS PER ZONE**

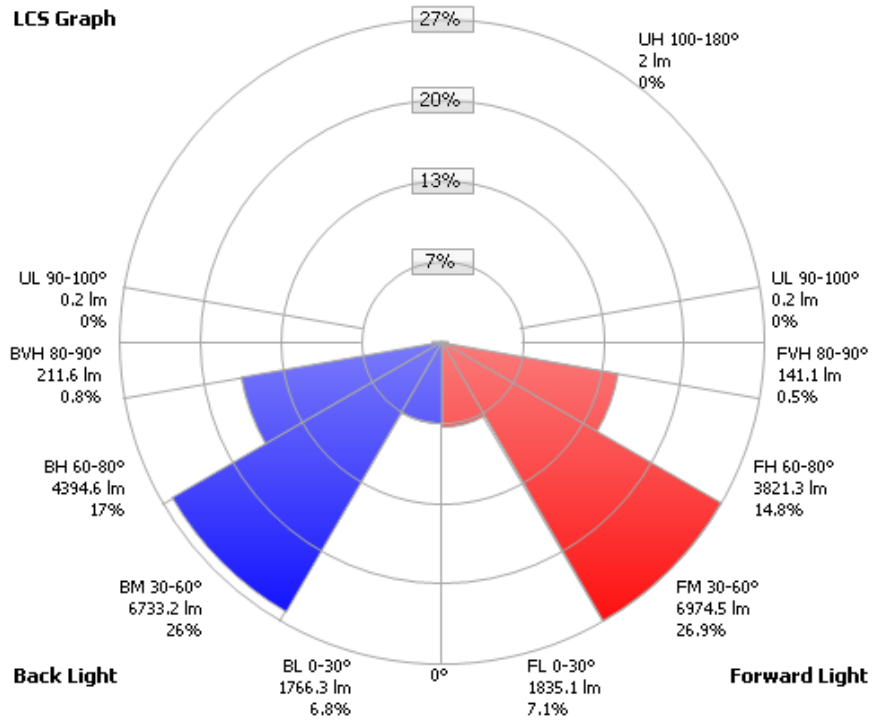
ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	361.4	1.4%	90-100	0.2	0%
10-20	1,148.1	4.4%	100-110	0.2	0%
20-30	2,092.2	8.1%	110-120	0.3	0%
30-40	3,240.6	12.5%	120-130	0.3	0%
40-50	4,615.6	17.8%	130-140	0.4	0%
50-60	5,849.6	22.6%	140-150	0.3	0%
60-70	5,604.9	21.7%	150-160	0.2	0%
70-80	2,611.4	10.1%	160-170	0.2	0%
80-90	352.7	1.4%	170-180	0.0	0%

**LCS TABLE**

BUG RATING	B4 - U1 - G2	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,835.1	7.1%
MEDIUM(30-60):	6,974.5	26.9%
HIGH(60-80):	3,821.3	14.8%
VERY HIGH(80-90):	141.1	0.5%
BACK LIGHT		
LOW(0-30):	1,766.3	6.8%
MEDIUM(30-60):	6,733.2	26%
HIGH(60-80):	4,394.6	17%
VERY HIGH(80-90):	211.6	0.8%
UPLIGHT		
LOW(90-100):	0.2	0%
HIGH(100-180):	2.0	0%
TRAPPED LIGHT:	0.0	0%

**OUTDOOR PHOTOMETRIC REPORT**  
 CATALOG: P4-200505M

**LCS Graph**



**Back Light**

**Forward Light**

Scale = Max LCS %

Trapped Light: 0lm, 0%

**OUTDOOR PHOTOMETRIC REPORT**  
CATALOG: P4-200505M

**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	345
0	3716	3716	3716	3716	3716	3716	3716	3716	3716	3716	3716	3716	3716	3716	3716	3716	3716	3716	3716	3716	3716	3716	3716	3716
5	3794	3790	3788	3780	3773	3760	3748	3740	3730	3722	3717	3713	3711	3713	3717	3722	3730	3740	3748	3760	3773	3780	3788	3794
10	3935	3930	3928	3914	3898	3872	3849	3831	3811	3799	3788	3783	3780	3783	3788	3799	3811	3831	3849	3872	3898	3914	3928	3935
15	4125	4122	4125	4109	4085	4043	4005	3980	3957	3945	3932	3922	3917	3922	3932	3945	3957	3980	4005	4043	4085	4109	4125	4125
20	4348	4351	4366	4356	4325	4265	4213	4181	4161	4152	4134	4118	4106	4118	4134	4152	4161	4181	4213	4265	4325	4356	4366	4348
25	4595	4605	4637	4642	4609	4533	4467	4433	4416	4408	4383	4353	4334	4353	4383	4408	4416	4433	4467	4533	4609	4642	4637	4595
30	4864	4882	4940	4966	4940	4853	4775	4737	4722	4710	4665	4614	4585	4614	4665	4710	4722	4737	4775	4853	4940	4966	4940	4864
35	5153	5183	5277	5334	5325	5240	5153	5109	5082	5050	4977	4895	4851	4895	4977	5050	5082	5109	5153	5240	5325	5334	5277	5153
40	5458	5507	5656	5764	5781	5699	5603	5559	5513	5443	5321	5184	5118	5184	5321	5443	5513	5559	5603	5699	5781	5764	5656	5458
45	5757	5841	6077	6261	6297	6188	6070	6048	6019	5908	5693	5470	5374	5470	5693	5908	6019	6048	6070	6188	6297	6261	6077	5757
50	5972	6115	6497	6797	6799	6555	6363	6447	6543	6425	6087	5757	5630	5757	6087	6425	6543	6447	6363	6555	6799	6797	6497	5972
55	5909	6147	6780	7250	7018	6579	6353	6521	6897	6914	6488	6020	5843	6020	6488	6914	6897	6521	6353	6579	7018	7250	6780	5909
60	5346	5680	6596	7267	6918	6374	6098	6382	6889	7200	6760	6054	5792	6054	6760	7200	6889	6382	6098	6374	6918	7267	6596	5346
65	4193	4602	5693	6547	6323	5556	5225	5689	6470	6916	6496	5492	5142	5492	6496	6916	6470	5689	5225	5556	6323	6547	5693	4193
70	2581	2977	3949	5007	4706	3817	3526	4051	5166	5901	5214	4157	3788	4157	5214	5901	5166	4051	3526	3817	4706	5007	3949	2581
75	1028	1398	2095	2758	2519	2039	1847	2176	3094	3724	3192	2353	1990	2353	3192	3724	3094	2176	1847	2039	2519	2758	2095	1028
80	390	564	918	1077	1018	842	592	888	1277	1541	1442	995	694	995	1442	1541	1277	888	592	842	1018	1077	918	390
85	96	159	206	193	181	203	111	180	353	329	471	302	219	302	471	329	353	180	111	203	181	193	206	96
90	0	0	0	0	0	0	0	0	0	15	0	12	0	12	0	15	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	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
130	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	1	1	1
135	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	1	1	1
140	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	0	0	1	1	1
145	1	1	0	0	0	0	0	1	0	1	1	0	0	0	1	1	0	1	0	0	0	0	0	0
150	1	1	1	0	1	0	0	1	0	0	1	1	1	1	1	0	0	1	0	0	1	0	1	1
155	1	1	1	1	1	0	0	1	1	0	0	1	1	1	0	0	1	1	0	0	1	1	1	1
160	1	1	1	1	1	0	0	1	1	0	0	0	1	0	0	0	1	1	0	0	1	1	1	1
165	1	1	1	0	0	0	0	1	1	0	0	1	1	1	0	0	1	1	0	0	0	0	1	1
170	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1
175	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	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	0