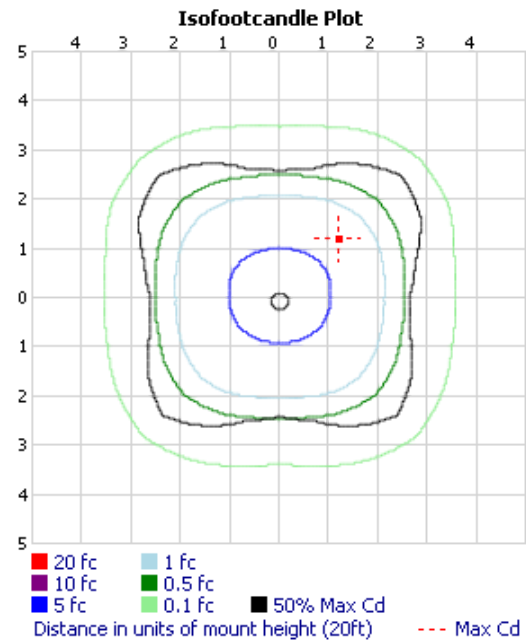
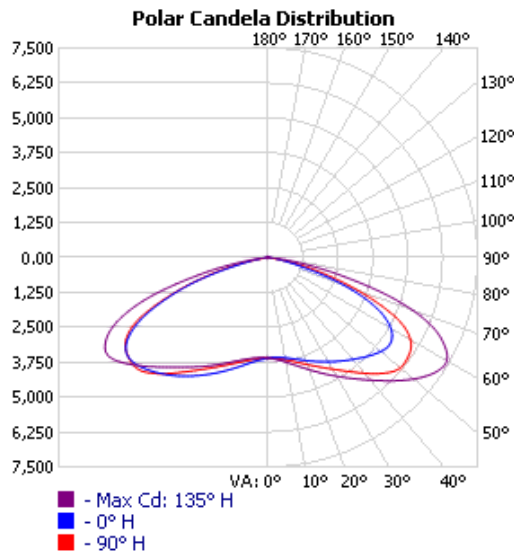


## OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-200405M

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS  
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD  
TEST DATE: 24 JULY 2018  
CATALOG: P4-200405M  
DESCRIPTION: LED  
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 25089  
BALLAST / DRIVER: 120-277VAC, 50/60HZ  
INPUT WATTAGE: 200.2  
LUMINOUS OPENING: RECTANGLE (L: 47.24", W: 1.18")  
MAX CD: 7,404.0 AT HORIZONTAL: 135°, VERTICAL: 59°  
CUTOFF CLASS: CUTOFF  
ROADWAY CLASS: TYPE VS  
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: P4-200405M

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	3,492.1	13.9%	13.9%
0-40	6,630.4	26.4%	26.4%
0-60	16,776.0	66.9%	66.9%
60-90	8,308.7	33.1%	33.1%
70-100	2,859.8	11.4%	11.4%
90-120	1.2	0%	0%
0-90	25,084.7	100%	100%
90-180	3.6	0%	0%
0-180	25,088.3	100%	100%

**ROADWAY SUMMARY**

CUTOFF CLASSIFICATION:	CUTOFF
DISTRIBUTION:	TYPE VS
MAX CD, 90 DEG VERT:	11.7
MAX CD, 80 TO <90 DEG:	1,297.2
	LUMENS % LAMP
DOWNWARD STREET SIDE:	11,988.1 47.8%
DOWNWARD HOUSE SIDE:	13,097.7 52.2%
DOWNWARD TOTAL:	25,085.8 100%
UPWARD STREET SIDE:	2.2 0%
UPWARD HOUSE SIDE:	1.4 0%
UPWARD TOTAL:	3.6 0%
TOTAL LUMENS:	25,089.4 100%

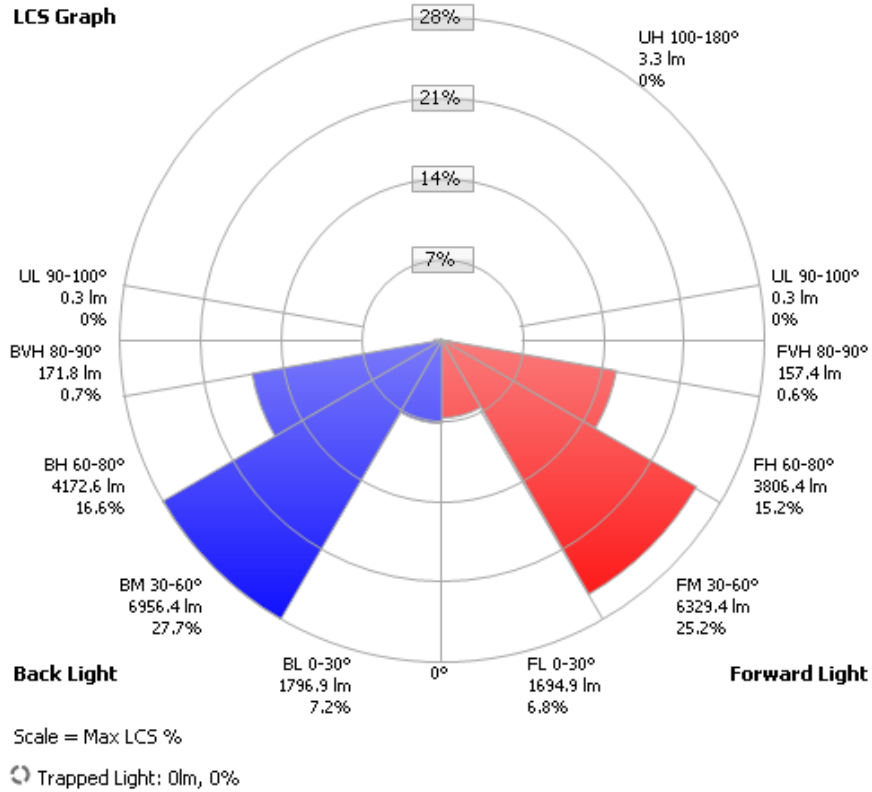
**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	350.1	1.4%	90-100	0.3	0%
10-20	1,113.0	4.4%	100-110	0.4	0%
20-30	2,029.0	8.1%	110-120	0.5	0%
30-40	3,138.3	12.5%	120-130	0.5	0%
40-50	4,464.8	17.8%	130-140	0.7	0%
50-60	5,680.9	22.6%	140-150	0.5	0%
60-70	5,449.2	21.7%	150-160	0.4	0%
70-80	2,530.2	10.1%	160-170	0.2	0%
80-90	329.3	1.3%	170-180	0.1	0%

**LCS TABLE**

BUG RATING	B4 - U1 - G2	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,694.9	6.8%
MEDIUM(30-60):	6,329.4	25.2%
HIGH(60-80):	3,806.4	15.2%
VERY HIGH(80-90):	157.4	0.6%
BACK LIGHT		
LOW(0-30):	1,796.9	7.2%
MEDIUM(30-60):	6,956.4	27.7%
HIGH(60-80):	4,172.6	16.6%
VERY HIGH(80-90):	171.8	0.7%
UPLIGHT		
LOW(90-100):	0.3	0%
HIGH(100-180):	3.3	0%
TRAPPED LIGHT:	0.000	0%

**OUTDOOR PHOTOMETRIC REPORT**  
 CATALOG: P4-200405M



**OUTDOOR PHOTOMETRIC REPORT**  
CATALOG: P4-200405M

**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	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600
5	3590	3590	3595	3600	3609	3619	3628	3645	3655	3668	3676	3682	3683	3682	3676	3668	3655	3645	3628	3619	3609	3600	3595	3590
10	3649	3650	3659	3667	3684	3700	3722	3754	3778	3806	3821	3833	3836	3833	3821	3806	3778	3754	3722	3700	3684	3667	3659	3650
15	3763	3770	3787	3801	3821	3839	3872	3922	3965	4010	4032	4044	4045	4044	4032	4010	3965	3922	3872	3839	3821	3801	3787	3770
20	3923	3934	3967	3989	4011	4028	4071	4141	4205	4267	4291	4296	4295	4296	4291	4267	4205	4141	4071	4028	4011	3989	3967	3934
25	4107	4128	4181	4220	4249	4265	4316	4409	4494	4566	4584	4578	4568	4578	4584	4566	4494	4409	4316	4265	4249	4220	4181	4128
30	4309	4340	4418	4484	4529	4547	4612	4727	4829	4905	4910	4884	4866	4884	4910	4905	4829	4727	4612	4547	4529	4484	4418	4340
35	4521	4563	4678	4780	4856	4893	4973	5108	5216	5287	5269	5212	5181	5212	5269	5287	5216	5108	4973	4893	4856	4780	4678	4563
40	4752	4809	4970	5122	5246	5309	5405	5562	5674	5729	5665	5545	5490	5545	5665	5729	5674	5562	5405	5309	5246	5122	4970	4809
45	5003	5084	5315	5533	5702	5764	5855	6052	6198	6239	6080	5866	5782	5866	6080	6239	6198	6052	5855	5764	5702	5533	5315	5084
50	5244	5368	5713	6017	6164	6130	6160	6452	6728	6769	6489	6162	6039	6162	6489	6769	6728	6452	6160	6130	6164	6017	5713	5368
55	5346	5549	6094	6501	6429	6167	6137	6511	7073	7221	6831	6331	6144	6331	6831	7221	7073	6511	6137	6167	6429	6501	6094	5549
60	5080	5371	6191	6729	6374	5990	5888	6340	6976	7393	6876	6099	5813	6099	6876	7393	6976	6340	5888	5990	6374	6729	6191	5371
65	4306	4671	5657	6279	5929	5267	5043	5614	6451	6837	6228	5206	4850	5206	6228	6837	6451	5614	5043	5267	5929	6279	5657	4671
70	2906	3288	4262	5073	4524	3661	3405	3931	5003	5515	4684	3705	3352	3705	4684	5515	5003	3931	3405	3661	4524	5073	4262	3288
75	1222	1679	2404	3009	2530	1969	1779	2070	2942	3266	2731	1974	1579	1974	2731	3266	2942	2070	1779	1969	2530	3009	2404	1679
80	475	675	1046	1211	1028	795	557	832	1166	1297	1182	806	556	806	1182	1297	1166	832	557	795	1028	1211	1046	675
85	143	231	300	222	185	193	94	146	269	236	344	215	147	215	344	236	269	146	94	193	185	222	300	231
90	0	0	12	0	0	0	0	0	0	2	0	1	0	1	0	2	0	0	0	0	0	0	12	0
95	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
100	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
105	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
110	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
115	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
120	1	1	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	1	1	1
125	1	1	1	1	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	1	1	1	1
130	1	1	1	1	1	0	0	0	1	1	1	0	0	0	1	1	1	0	0	0	1	1	1	1
135	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
140	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
145	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
150	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
155	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
160	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1
165	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
170	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1
175	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	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	0