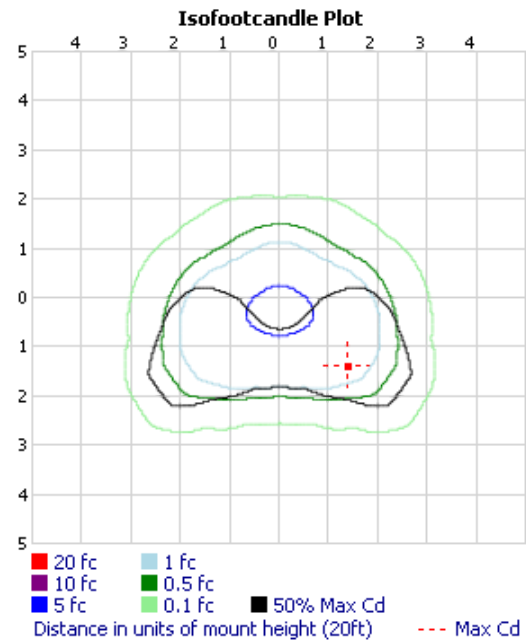
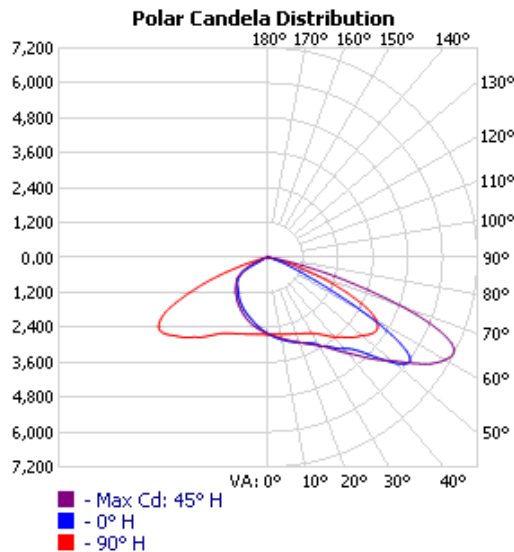


OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-100503M

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 07 AUGUST 2018
CATALOG: P4-100503M
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 13846
BALLAST / DRIVER: AC120-277V 50/60HZ
INPUT WATTAGE: 100.12
LUMINOUS OPENING: RECTANGLE (L: 47.24", W: 1.18")
MAX CD: 7,169.7 AT HORIZONTAL: 45°, VERTICAL: 63°
CUTOFF CLASS: CUTOFF
ROADWAY CLASS: SHORT, 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: P4-100503M

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,259.6	16.3%	16.3%
0-40	4,098.1	29.6%	29.6%
0-60	10,193.9	73.6%	73.6%
60-90	3,648.0	26.3%	26.3%
70-100	841.7	6.1%	6.1%
90-120	0.6	0%	0%
0-90	13,841.9	100%	100%
90-180	2.8	0%	0%
0-180	13,844.7	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	250.8	1.8%	90-100	0.1	0%
10-20	751.5	5.4%	100-110	0.2	0%
20-30	1,257.3	9.1%	110-120	0.3	0%
30-40	1,838.5	13.3%	120-130	0.4	0%
40-50	2,603.1	18.8%	130-140	0.6	0%
50-60	3,492.7	25.2%	140-150	0.5	0%
60-70	2,806.3	20.3%	150-160	0.4	0%
70-80	784.7	5.7%	160-170	0.3	0%
80-90	56.9	0.4%	170-180	0.1	0%

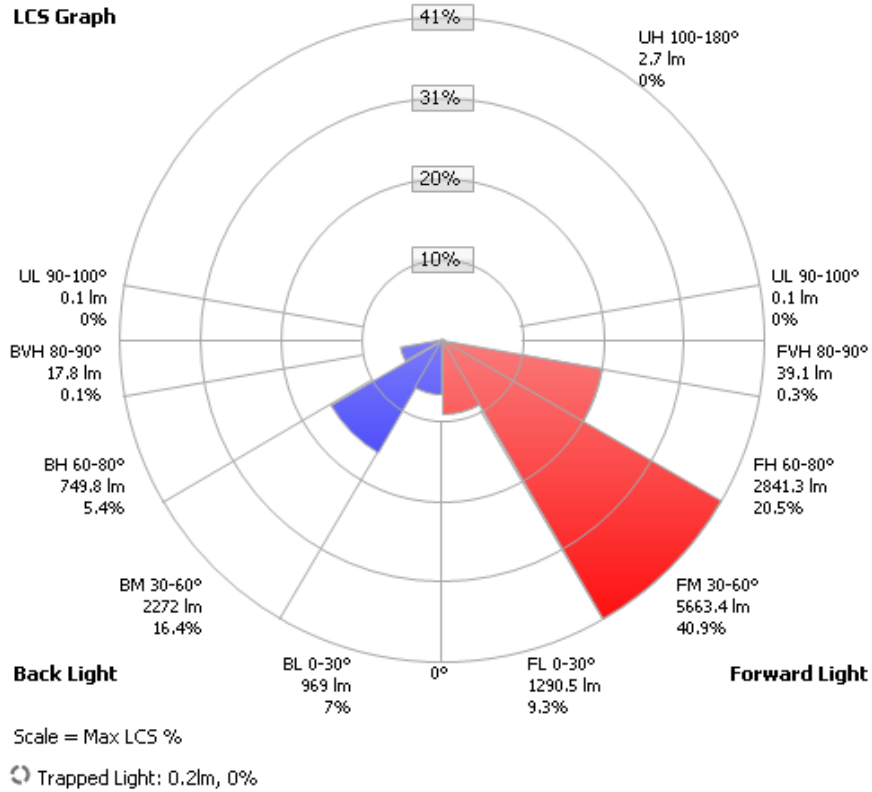
ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	CUTOFF
DISTRIBUTION:	TYPE III, SHORT
MAX CD, 90 DEG VERT:	0.1
MAX CD, 80 TO <90 DEG:	488.0
	LUMENS % LAMP
DOWNWARD STREET SIDE:	9,834.3 71%
DOWNWARD HOUSE SIDE:	4,008.6 29%
DOWNWARD TOTAL:	13,843.0 100%
UPWARD STREET SIDE:	1.8 0%
UPWARD HOUSE SIDE:	1.0 0%
UPWARD TOTAL:	2.8 0%
TOTAL LUMENS:	13,845.8 100%

LCS TABLE

BUG RATING	B2 - U1 - G2
FORWARD LIGHT	LUMENS LUMENS %
LOW(0-30):	1,290.5 9.3%
MEDIUM(30-60):	5,663.4 40.9%
HIGH(60-80):	2,841.3 20.5%
VERY HIGH(80-90):	39.1 0.3%
BACK LIGHT	
LOW(0-30):	969.0 7%
MEDIUM(30-60):	2,272.0 16.4%
HIGH(60-80):	749.8 5.4%
VERY HIGH(80-90):	17.8 0.1%
UPLIGHT	
LOW(90-100):	0.1 0%
HIGH(100-180):	2.7 0%
TRAPPED LIGHT:	0.2 0%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-100503M



OUTDOOR PHOTOMETRIC REPORT
CATALOG: P4-100503M

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	2618	2617	2620	2620	2624	2624	2643	2624	2624	2620	2620	2617	2618	2617	2620	2620	2624	2624	2643	2624	2624	2620	2620	261
5	2749	2745	2736	2719	2697	2667	2650	2596	2559	2526	2503	2484	2481	2484	2503	2526	2559	2596	2650	2667	2697	2719	2736	274
10	2871	2866	2854	2827	2789	2730	2675	2578	2500	2431	2381	2349	2340	2349	2381	2431	2500	2578	2675	2730	2789	2827	2854	286
15	2989	2986	2978	2953	2906	2820	2721	2569	2437	2327	2256	2215	2205	2215	2256	2327	2437	2569	2721	2820	2906	2953	2978	298
20	3108	3109	3114	3102	3053	2940	2788	2566	2366	2213	2131	2088	2081	2088	2131	2213	2366	2566	2788	2940	3053	3102	3114	310
25	3236	3244	3269	3277	3233	3094	2878	2566	2283	2090	2007	1963	1965	1963	2007	2090	2283	2566	2878	3094	3233	3277	3269	324
30	3476	3460	3462	3495	3463	3298	3006	2585	2200	1964	1876	1841	1848	1841	1876	1964	2200	2585	3006	3298	3463	3495	3462	346
35	3749	3767	3806	3833	3785	3607	3232	2672	2140	1842	1749	1724	1732	1724	1749	1842	2140	2672	3232	3607	3785	3833	3806	376
40	4079	4151	4210	4291	4322	4092	3565	2755	2052	1708	1615	1585	1594	1585	1615	1708	2052	2755	3565	4092	4322	4291	4210	415
45	4602	4656	4705	4884	4937	4604	3877	2848	1979	1581	1471	1466	1486	1466	1471	1581	1979	2848	3877	4604	4937	4884	4705	465
50	5621	5640	5481	5515	5577	5133	4180	2904	1923	1438	1351	1368	1393	1368	1351	1438	1923	2904	4180	5133	5577	5515	5481	564
55	5950	6324	6540	6357	6204	5717	4470	2932	1783	1311	1232	1244	1261	1244	1232	1311	1783	2932	4470	5717	6204	6357	6540	632
60	3917	4870	6701	7027	6845	5928	4286	2696	1582	1095	1033	1007	1011	1007	1033	1095	1582	2696	4286	5928	6845	7027	6701	487
65	1481	2151	4624	6953	6681	4941	3254	2015	1174	809	720	547	375	547	720	809	1174	2015	3254	4941	6681	6953	4624	215
70	599	792	1877	4912	4719	2699	1793	1182	662	448	382	243	253	243	382	448	662	1182	1793	2699	4719	4912	1877	79
75	276	350	694	2091	1693	751	659	445	267	212	188	182	202	182	188	212	267	445	659	751	1693	2091	694	35
80	144	164	261	488	316	159	140	116	68	92	101	118	140	118	101	92	68	116	140	159	316	488	261	16
85	59	60	67	60	31	18	11	11	12	15	26	36	44	36	26	15	12	11	11	18	31	60	67	6
90	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0
100	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	1	1	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
125	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
130	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0
135	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0
140	1	1	1	2	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	2	1	1
145	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1
150	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	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	1	1	0	1	1	1	1	1	1	1	1	1	1	1
165	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
170	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
175	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	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