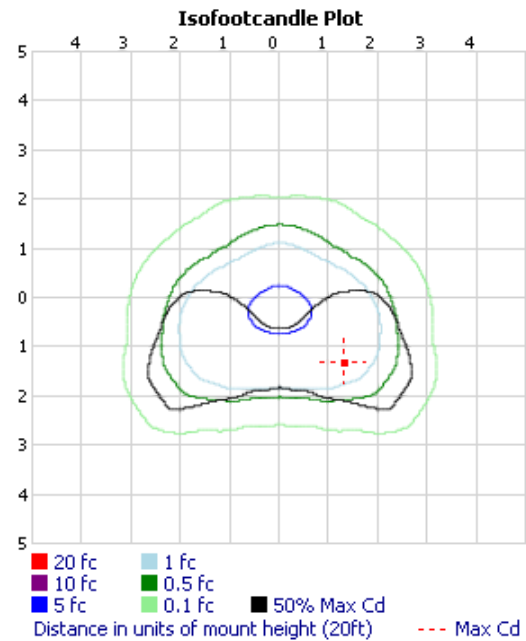
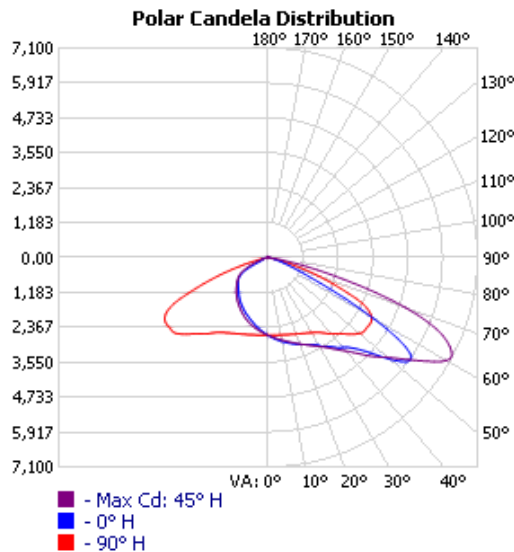


OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-100403M

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 07 AUGUST 2018
CATALOG: P4-100403M
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 13579
BALLAST / DRIVER: AC120-277V 50/60HZ
INPUT WATTAGE: 100.13
LUMINOUS OPENING: RECTANGLE (L: 47.24", W: 1.18")
MAX CD: 7,057.0 AT HORIZONTAL: 45°, VERTICAL: 61°
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: P4-100403M

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,255.3	16.6%	16.6%
0-40	4,049.8	29.8%	29.8%
0-60	9,908.9	73%	73%
60-90	3,665.5	27%	27%
70-100	870.5	6.4%	6.4%
90-120	0.7	0%	0%
0-90	13,574.4	100%	100%
90-180	3.4	0%	0%
0-180	13,577.8	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	251.7	1.9%	90-100	0.1	0%
10-20	752.5	5.5%	100-110	0.3	0%
20-30	1,251.0	9.2%	110-120	0.3	0%
30-40	1,794.5	13.2%	120-130	0.4	0%
40-50	2,496.3	18.4%	130-140	0.5	0%
50-60	3,362.8	24.8%	140-150	0.7	0%
60-70	2,795.1	20.6%	150-160	0.6	0%
70-80	813.1	6.0%	160-170	0.5	0%
80-90	57.3	0.4%	170-180	0.1	0%

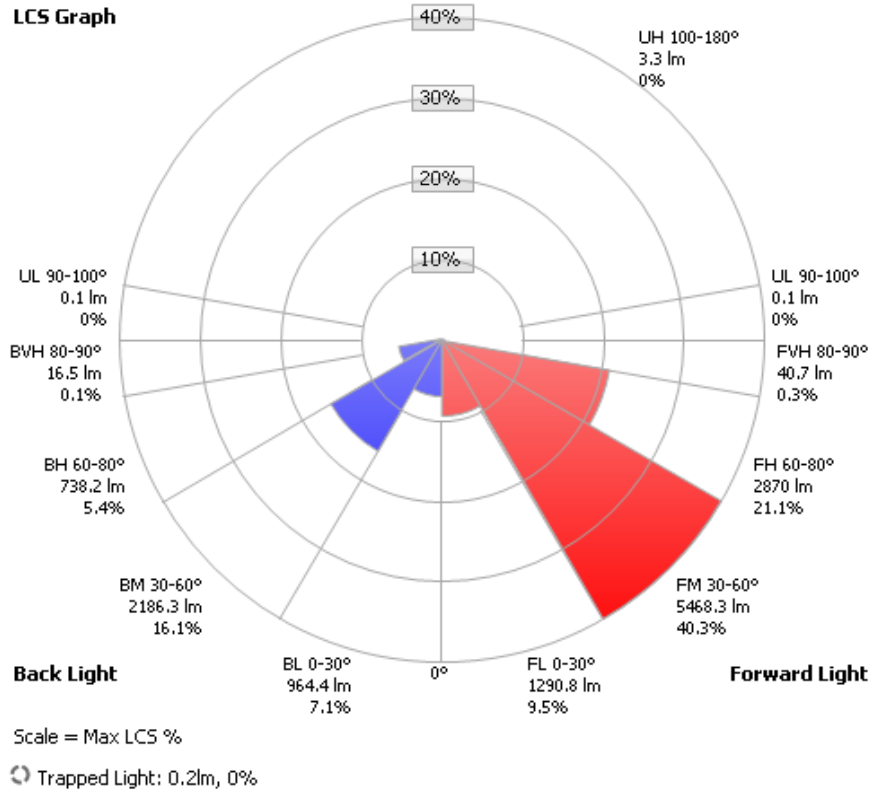
ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	CUTOFF	
DISTRIBUTION:	TYPE III, SHORT	
MAX CD, 90 DEG VERT:	0.1	
MAX CD, 80 TO <90 DEG:	532.1	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	9,669.9	71.2%
DOWNWARD HOUSE SIDE:	3,905.5	28.8%
DOWNWARD TOTAL:	13,575.4	100%
UPWARD STREET SIDE:	2.3	0%
UPWARD HOUSE SIDE:	1.2	0%
UPWARD TOTAL:	3.4	0%
TOTAL LUMENS:	13,578.8	100%

LCS TABLE

BUG RATING	B2 - U1 - G2	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,290.8	9.5%
MEDIUM(30-60):	5,468.3	40.3%
HIGH(60-80):	2,870.0	21.1%
VERY HIGH(80-90):	40.7	0.3%
BACK LIGHT		
LOW(0-30):	964.4	7.1%
MEDIUM(30-60):	2,186.3	16.1%
HIGH(60-80):	738.2	5.4%
VERY HIGH(80-90):	16.5	0.1%
UPLIGHT		
LOW(90-100):	0.1	0%
HIGH(100-180):	3.3	0%
TRAPPED LIGHT:	0.2	0%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-100403M



OUTDOOR PHOTOMETRIC REPORT
CATALOG: P4-100403M

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	2633	2633	2633	2633	2633	2633	2633	2633	2633	2633	2633	2633	2633	2633	2633	2633	2633	2633	2633	2633	2633	2633	2633	2633
5	2769	2764	2754	2734	2709	2676	2636	2603	2568	2535	2513	2497	2493	2497	2513	2535	2568	2603	2636	2676	2709	2734	2754	2769
10	2894	2888	2873	2842	2800	2738	2659	2582	2504	2436	2388	2356	2348	2356	2388	2436	2504	2582	2659	2738	2800	2842	2873	2894
15	3013	3008	2997	2967	2914	2824	2699	2568	2437	2328	2257	2215	2206	2215	2257	2328	2437	2568	2699	2824	2914	2967	2997	3013
20	3127	3128	3129	3111	3054	2935	2756	2556	2358	2207	2124	2081	2077	2081	2124	2207	2358	2556	2756	2935	3054	3111	3129	3127
25	3250	3257	3277	3277	3222	3075	2831	2546	2267	2077	1993	1948	1948	1948	1993	2077	2267	2546	2831	3075	3222	3277	3277	3250
30	3437	3432	3453	3478	3432	3253	2934	2545	2171	1940	1854	1818	1822	1818	1854	1940	2171	2545	2934	3253	3432	3478	3453	3437
35	3686	3700	3730	3760	3706	3502	3101	2587	2095	1807	1718	1693	1699	1693	1718	1807	2095	2587	3101	3502	3706	3760	3730	3686
40	3972	4035	4076	4142	4143	3911	3378	2653	2001	1670	1580	1546	1553	1546	1580	1670	2001	2653	3378	3911	4143	4142	4076	3972
45	4418	4477	4525	4674	4709	4383	3655	2716	1916	1538	1427	1419	1435	1419	1427	1538	1916	2716	3655	4383	4709	4674	4525	4418
50	5335	5337	5207	5260	5351	5007	4009	2806	1844	1388	1302	1317	1339	1317	1302	1388	1844	2806	4009	5007	5351	5260	5207	5335
55	5932	6190	6224	6063	6128	5428	4102	2710	1727	1258	1186	1201	1219	1201	1186	1258	1727	2710	4102	5428	6128	6063	6224	5932
60	6413	6508	6636	6979	6450	5627	4051	2529	1458	1080	1010	1003	1001	1003	1010	1080	1458	2529	4051	5627	6450	6979	6636	6413
65	1597	2280	4800	6691	6454	5048	3304	2055	1148	773	716	538	363	538	716	773	1148	2055	3304	5048	6454	6691	4800	2280
70	643	850	2035	4967	4777	2706	1814	1181	654	447	374	230	238	230	374	447	654	1181	1814	2706	4777	4967	2035	850
75	294	377	754	2184	1853	752	679	457	279	201	177	171	189	171	177	201	279	457	679	752	1853	2184	754	377
80	151	177	279	532	335	150	139	108	63	86	93	110	130	110	93	86	63	108	139	150	335	532	279	177
85	61	63	70	60	30	16	10	10	9	13	23	33	40	33	23	13	9	10	10	16	30	60	70	61
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	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
105	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
110	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
115	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
120	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
125	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
130	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1
135	1	2	2	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	2	2
140	2	2	2	2	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	2	2	2
145	2	2	2	1	1	1	0	1	1	0	1	1	1	1	1	0	1	1	0	1	1	1	2	2
150	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
155	1	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
160	1	1	2	2	2	2	1	1	2	1	1	1	1	1	1	1	2	1	1	2	2	2	2	1
165	1	1	3	3	2	1	1	1	1	2	2	1	1	1	2	2	1	1	1	1	2	3	3	1
170	2	1	1	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	1	1
175	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	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