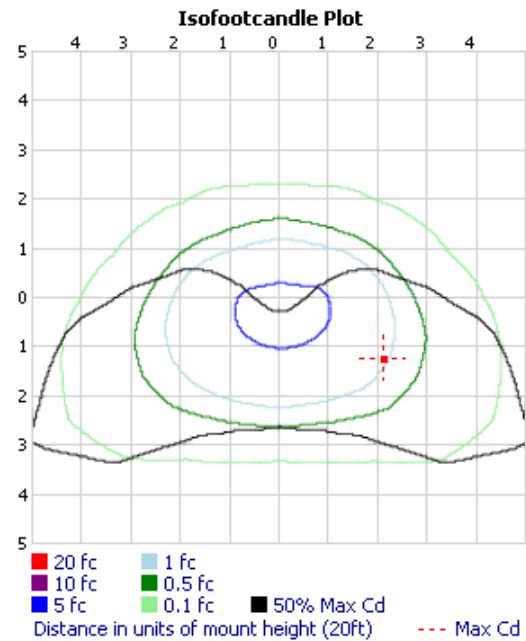
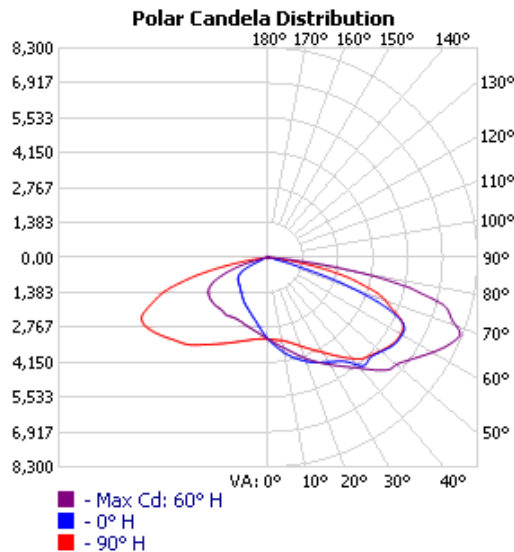


OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-150404M

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 11 JANUARY 2019
CATALOG: P4-150404M
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 19968
BALLAST / DRIVER: 120-277VAC 50/60HZ
INPUT WATTAGE: 150.249
LUMINOUS OPENING: RECTANGLE (L: 11.81", W: 11.81")
MAX CD: 8,205.0 AT HORIZONTAL: 60°, VERTICAL: 68°
CUTOFF CLASS: NONCUTOFF
ROADWAY CLASS: SHORT, TYPE IV
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: P4-150404M

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,896.7	14.5%	14.5%
0-40	5,307.3	26.6%	26.6%
0-60	12,601.5	63.1%	63.1%
60-90	7,358.4	36.9%	36.9%
70-100	2,975.2	14.9%	14.9%
90-120	1.4	0%	0%
0-90	19,960.0	100%	100%
90-180	5.1	0%	0%
0-180	19,965.1	100%	100%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	NONCUTOFF	
DISTRIBUTION:	TYPE IV, SHORT	
MAX CD, 90 DEG VERT:	22.4	
MAX CD, 80 TO <90 DEG:	4,355.2	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	14,071.2	70.5%
DOWNWARD HOUSE SIDE:	5,889.3	29.5%
DOWNWARD TOTAL:	19,960.6	100%
UPWARD STREET SIDE:	3.3	0%
UPWARD HOUSE SIDE:	1.8	0%
UPWARD TOTAL:	5.1	0%
TOTAL LUMENS:	19,965.7	100%

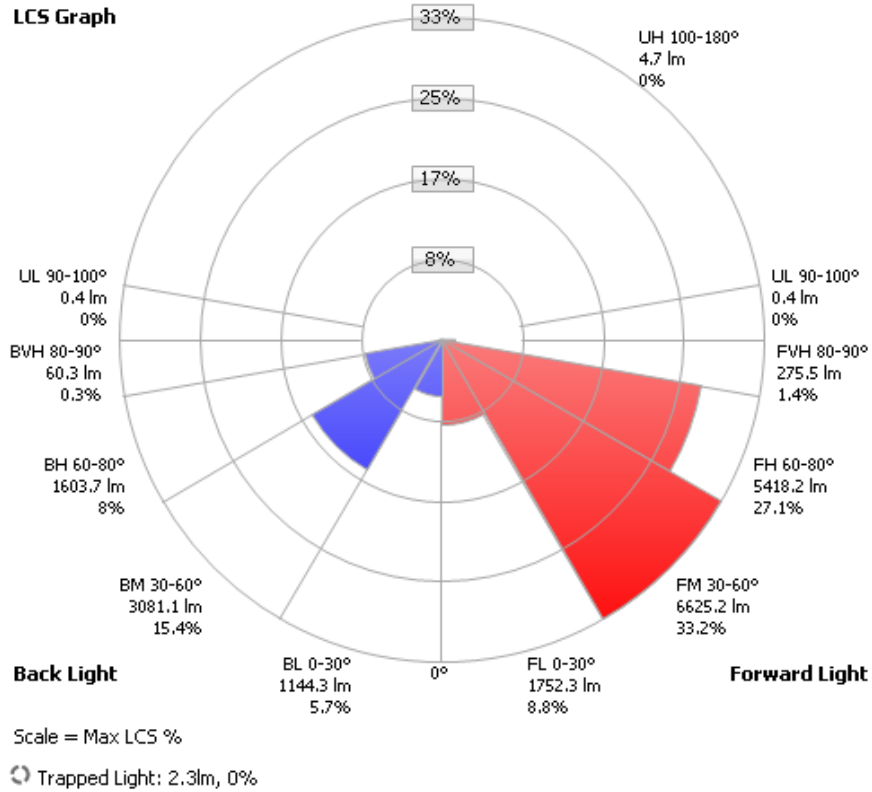
LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	310.0	1.6%	90-100	0.4	0%
10-20	948.4	4.8%	100-110	0.5	0%
20-30	1,638.3	8.2%	110-120	0.5	0%
30-40	2,410.7	12.1%	120-130	0.5	0%
40-50	3,277.3	16.4%	130-140	0.7	0%
50-60	4,016.9	20.1%	140-150	0.8	0%
60-70	4,383.6	22.0%	150-160	0.8	0%
70-80	2,638.9	13.2%	160-170	0.6	0%
80-90	335.9	1.7%	170-180	0.2	0%

LCS TABLE

BUG RATING	B3 - U1 - G3	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,752.3	8.8%
MEDIUM(30-60):	6,625.2	33.2%
HIGH(60-80):	5,418.2	27.1%
VERY HIGH(80-90):	275.6	1.4%
BACK LIGHT		
LOW(0-30):	1,144.3	5.7%
MEDIUM(30-60):	3,081.1	15.4%
HIGH(60-80):	1,603.7	8%
VERY HIGH(80-90):	60.3	0.3%
UPLIGHT		
LOW(90-100):	0.4	0%
HIGH(100-180):	4.7	0%
TRAPPED LIGHT:	2.3	0%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-150404M



OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-150404M

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	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227
5	3536	3535	3513	3475	3421	3350	3270	3184	3099	3025	2967	2926	2913	2921	2954	3005	3072	3148	3231	3308	3380	3441	3489	3527
10	3840	3843	3807	3735	3633	3500	3341	3166	2991	2835	2716	2640	2617	2635	2701	2809	2953	3120	3291	3443	3573	3677	3756	3813
15	4119	4126	4084	4017	3910	3738	3498	3208	2907	2662	2504	2412	2398	2410	2495	2636	2864	3135	3403	3630	3811	3939	4023	4081
20	4372	4378	4345	4317	4234	4035	3726	3312	2860	2515	2338	2238	2226	2236	2325	2488	2794	3176	3545	3835	4048	4184	4261	4307
25	4581	4596	4605	4622	4560	4359	4003	3472	2854	2409	2203	2103	2089	2097	2181	2358	2740	3261	3734	4083	4304	4422	4496	4537
30	4775	4802	4861	4917	4894	4721	4338	3711	2935	2380	2115	1986	1957	1969	2064	2283	2743	3386	3947	4337	4561	4666	4720	4751
35	5008	5045	5134	5222	5268	5137	4759	4056	3111	2393	2031	1845	1812	1813	1939	2237	2806	3566	4202	4609	4821	4903	4944	4981
40	5559	5637	5688	5694	5731	5609	5226	4391	3142	2260	1887	1731	1692	1689	1808	2123	2779	3748	4519	4943	5137	5291	5432	5551
45	5662	5840	6019	6288	6309	6125	5556	4496	3221	2218	1818	1653	1596	1596	1732	2054	2798	3828	4795	5389	5673	5835	5713	5737
50	5810	5928	5946	6321	6611	6458	5778	4672	3304	2197	1762	1584	1530	1535	1669	1997	2827	3979	5020	5701	5912	5757	5662	5801
55	6049	6182	6237	6581	6998	6814	5991	4727	3283	2146	1684	1502	1460	1464	1600	1936	2814	4106	5301	6088	6298	6066	6002	6141
60	6109	6267	6612	7157	7513	7205	6078	4595	3086	2010	1527	1333	1305	1321	1480	1843	2739	4147	5541	6598	6887	6661	6409	6291
65	5762	5951	6689	7708	8015	7482	5816	4093	2680	1678	1196	991	905	1000	1183	1586	2457	3811	5536	7093	7543	7263	6571	6011
70	3591	4042	5581	7718	7957	6912	4933	3050	1921	1092	793	387	365	388	788	1047	1796	2810	4704	6885	7893	7317	5451	4111
75	770	1063	2673	5873	7179	5884	3592	1848	1058	584	352	255	268	253	340	555	943	1660	3314	5893	6989	5546	2480	1061
80	240	258	385	2872	4355	2777	1693	720	289	246	164	166	181	165	155	213	164	573	1346	2309	4126	2534	360	251
85	91	97	108	406	877	104	374	139	42	42	56	59	68	57	48	33	34	53	178	103	609	511	103	9
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0	0	
95	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	
100	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	1	
105	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
110	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
115	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
120	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	
125	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	
130	2	2	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	
135	3	2	2	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	
140	4	3	2	2	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	2	
145	4	4	3	2	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	2	
150	4	4	3	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	
155	3	3	2	2	2	2	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	2	2	
160	3	2	1	3	3	2	2	2	2	2	1	1	2	2	1	2	2	1	1	1	2	3	3	
165	4	3	1	1	2	2	2	2	2	1	1	2	3	3	2	2	2	2	2	2	3	3	4	
170	5	3	2	2	1	0	0	0	1	2	2	3	3	4	4	3	2	2	1	2	3	4	4	
175	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	2	1	1	1	1	2	2	3	
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	