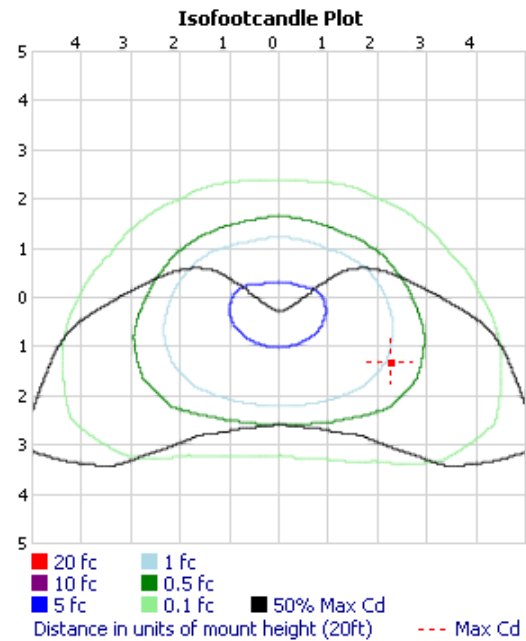
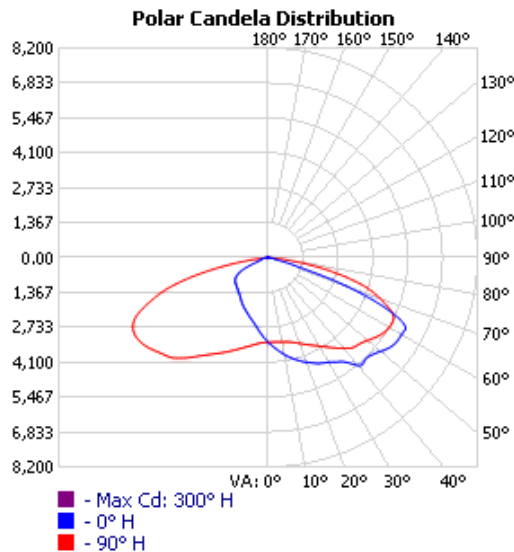


OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-150504M

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 11 JANUARY 2019
CATALOG: P4-150504M
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 20091
BALLAST / DRIVER: 120-277VAC 50/60HZ
INPUT WATTAGE: 150.083
LUMINOUS OPENING: RECTANGLE (L: 11.81", W: 11.81")
MAX CD: 8,153.4 AT HORIZONTAL: 300°, VERTICAL: 68°
CUTOFF CLASS: NONCUTOFF
ROADWAY CLASS: SHORT, TYPE IV
EFFICIENCY: 100%



VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2019, ACUITY BRANDS LIGHTING.

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OUTDOOR PHOTOMETRIC REPORT
CATALOG: P4-150504M

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,951.8	14.7%	14.7%
0-40	5,386.1	26.8%	26.8%
0-60	12,707.7	63.3%	63.3%
60-90	7,380.6	36.7%	36.7%
70-100	2,981.5	14.8%	14.8%
90-120	0.7	0%	0%
0-90	20,088.3	100%	100%
90-180	2.7	0%	0%
0-180	20,091.0	100%	100%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	NONCUTOFF	
DISTRIBUTION:	TYPE IV, SHORT	
MAX CD, 90 DEG VERT:	1.0	
MAX CD, 80 TO <90 DEG:	4,556.6	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	13,956.5	69.5%
DOWNWARD HOUSE SIDE:	6,132.4	30.5%
DOWNWARD TOTAL:	20,088.9	100%
UPWARD STREET SIDE:	1.4	0%
UPWARD HOUSE SIDE:	1.3	0%
UPWARD TOTAL:	2.7	0%
TOTAL LUMENS:	20,091.6	100%

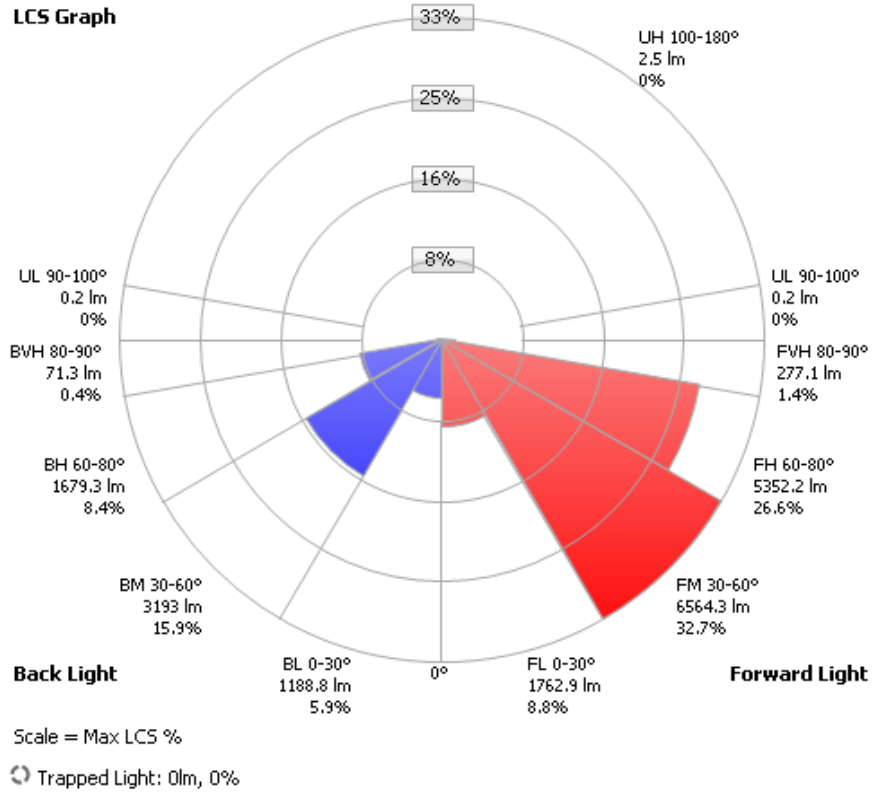
LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	318.0	1.6%	90-100	0.2	0%
10-20	969.8	4.8%	100-110	0.2	0%
20-30	1,664.1	8.3%	110-120	0.3	0%
30-40	2,434.3	12.1%	120-130	0.3	0%
40-50	3,283.3	16.3%	130-140	0.4	0%
50-60	4,038.3	20.1%	140-150	0.5	0%
60-70	4,399.2	21.9%	150-160	0.5	0%
70-80	2,632.9	13.1%	160-170	0.4	0%
80-90	348.5	1.7%	170-180	0.1	0%

LCS TABLE

BUG RATING	B3 - U1 - G3	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,762.9	8.8%
MEDIUM(30-60):	6,564.3	32.7%
HIGH(60-80):	5,352.2	26.6%
VERY HIGH(80-90):	277.1	1.4%
BACK LIGHT		
LOW(0-30):	1,188.8	5.9%
MEDIUM(30-60):	3,193.0	15.9%
HIGH(60-80):	1,679.3	8.4%
VERY HIGH(80-90):	71.3	0.4%
UPLIGHT		
LOW(90-100):	0.2	0%
HIGH(100-180):	2.5	0%
TRAPPED LIGHT:	0.000	0%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-150504M



OUTDOOR PHOTOMETRIC REPORT
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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	3313	3313	3313	3313	3313	3313	3313	3313	3313	3313	3313	3313	3313	3313	3313	3313	3313	3313	3313	3313	3313	3313	3313	3313
5	3590	3578	3550	3509	3456	3390	3318	3241	3164	3101	3052	3022	3019	3036	3076	3132	3202	3279	3356	3424	3486	3535	3568	3580
10	3872	3854	3808	3729	3624	3495	3354	3197	3038	2898	2796	2735	2726	2757	2838	2963	3127	3307	3476	3613	3728	3804	3851	3870
15	4130	4109	4047	3943	3802	3631	3424	3179	2929	2722	2584	2515	2512	2538	2633	2815	3080	3376	3643	3848	4008	4102	4137	4144
20	4358	4333	4246	4156	4042	3844	3570	3220	2843	2570	2424	2339	2336	2358	2472	2683	3047	3474	3849	4112	4293	4368	4391	4380
25	4563	4531	4446	4404	4313	4096	3768	3313	2798	2448	2281	2195	2191	2208	2324	2563	3032	3611	4093	4404	4588	4637	4634	4600
30	4731	4716	4668	4657	4569	4357	3999	3453	2815	2381	2172	2064	2053	2074	2211	2519	3090	3797	4362	4705	4877	4910	4874	4800
35	4978	4942	4902	4896	4845	4663	4292	3669	2897	2360	2066	1918	1902	1926	2123	2526	3243	4078	4698	5041	5188	5184	5106	5040
40	5517	5482	5410	5294	5204	5022	4633	3882	2910	2244	1934	1805	1787	1797	1978	2404	3258	4350	5133	5477	5602	5662	5669	5600
45	5512	5554	5576	5756	5678	5445	4881	3930	2906	2175	1858	1733	1708	1722	1904	2351	3349	4515	5492	6028	6211	6156	5841	5600
50	5723	5731	5588	5750	5919	5691	5051	4059	2939	2132	1800	1670	1644	1674	1856	2340	3469	4699	5712	6356	6500	6139	5853	5800
55	5980	6036	5928	6047	6264	6068	5314	4172	2921	2073	1727	1594	1576	1608	1796	2312	3455	4765	5944	6731	6921	6529	6218	6100
60	6026	6155	6354	6613	6840	6518	5471	4138	2817	1957	1590	1438	1421	1454	1669	2187	3234	4620	6035	7138	7471	7148	6598	6240
65	5678	5968	6558	7285	7497	6923	5414	3830	2540	1680	1283	1098	1066	1116	1325	1830	2746	4089	5796	7435	7989	7665	6639	5920
70	3274	3958	5530	7529	7890	6730	4654	2929	1956	1165	881	474	429	504	888	1192	2009	3019	4843	7088	8090	7528	5217	3720
75	659	763	2672	6078	7274	5944	3470	1874	1118	655	376	287	301	281	442	626	1086	1801	3421	5928	6915	5462	2126	6100
80	215	231	423	3071	4557	2710	1731	759	380	298	191	198	211	191	189	258	284	671	1459	2242	3893	2392	312	2200
85	64	73	100	666	1037	110	325	119	55	72	77	88	99	79	67	46	42	117	97	100	627	361	79	700
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	
110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
125	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
130	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
135	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1
140	2	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	
145	2	2	1	1	1	1	0	1	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	
150	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	1	1	1	
155	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
160	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	
165	3	2	0	0	1	1	1	1	1	0	1	1	1	2	1	1	1	1	1	1	1	2	2	
170	3	2	1	2	1	0	0	0	1	2	1	1	2	2	2	2	1	1	1	1	2	2	2	
175	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	