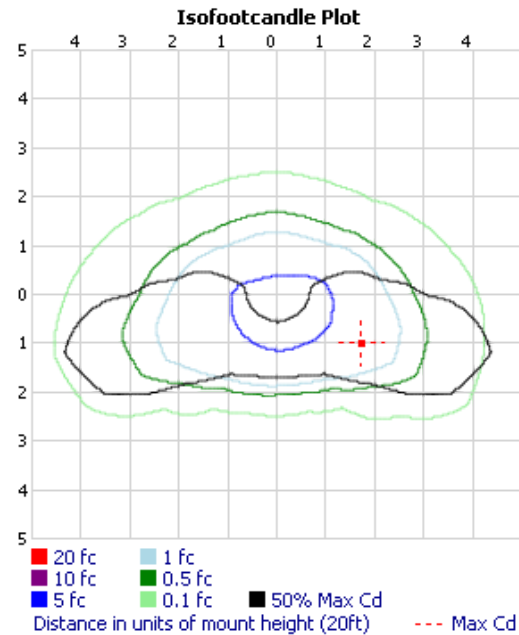
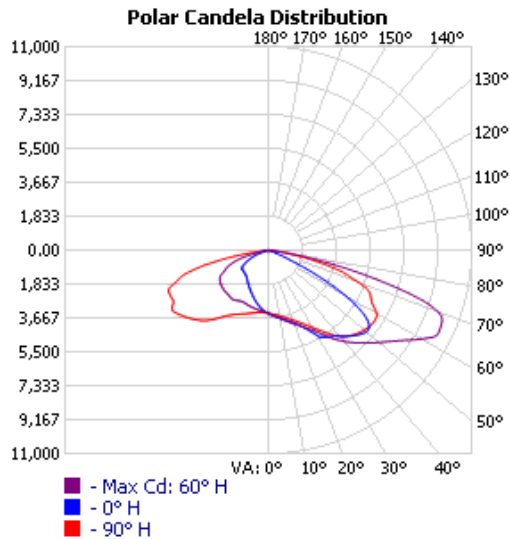


OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-150403M

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 01 JUNE 2018
CATALOG: P4-150403M
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 20099
BALLAST / DRIVER: AC120-277V,50/60HZ
INPUT WATTAGE: 150.2
LUMINOUS OPENING: RECTANGLE (L: 47.24", W: 1.18")
MAX CD: 10,229.4 AT HORIZONTAL: 60°, VERTICAL: 64°
CUTOFF CLASS: SEMICUTOFF
ROADWAY CLASS: SHORT, TYPE III
EFFICIENCY: 100%



VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2019, ACUITY BRANDS LIGHTING.

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VISUAL PHOTOMETRIC TOOL

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OUTDOOR PHOTOMETRIC REPORT
CATALOG: P4-150403M

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	3,063.2	15.2%	15.2%
0-40	5,758.4	28.6%	28.7%
0-60	13,928.9	69.3%	69.3%
60-90	6,164.7	30.7%	30.7%
70-100	2,228.0	11.1%	11.1%
90-120	1.2	0%	0%
0-90	20,093.6	100%	100%
90-180	4.6	0%	0%
0-180	20,098.2	100%	100%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	SEMICUTOFF	
DISTRIBUTION:	TYPE III, SHORT	
MAX CD, 90 DEG VERT:	0.2	
MAX CD, 80 TO <90 DEG:	2,736.4	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	13,372.1	66.5%
DOWNWARD HOUSE SIDE:	6,722.6	33.4%
DOWNWARD TOTAL:	20,094.7	100%
UPWARD STREET SIDE:	2.7	0%
UPWARD HOUSE SIDE:	1.9	0%
UPWARD TOTAL:	4.6	0%
TOTAL LUMENS:	20,099.3	100%

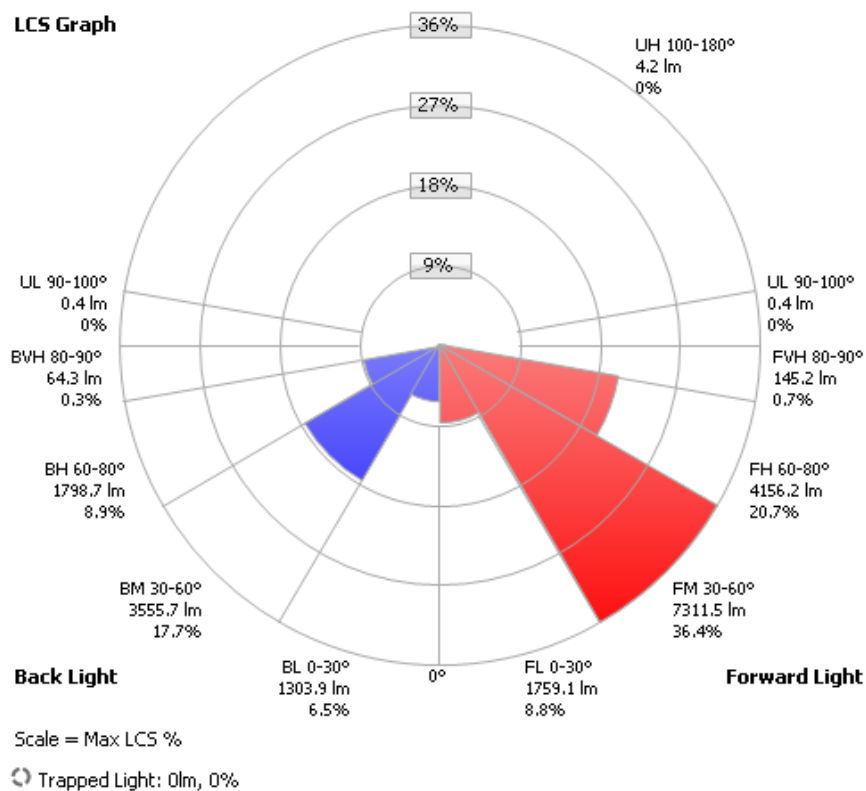
LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	327.6	1.6%	90-100	0.4	0%
10-20	995.1	5.0%	100-110	0.4	0%
20-30	1,740.5	8.7%	110-120	0.4	0%
30-40	2,695.1	13.4%	120-130	0.4	0%
40-50	3,680.9	18.3%	130-140	0.6	0%
50-60	4,489.7	22.3%	140-150	0.7	0%
60-70	3,937.1	19.6%	150-160	0.9	0%
70-80	2,018.0	10.0%	160-170	0.7	0%
80-90	209.6	1.0%	170-180	0.2	0%

LCS TABLE

BUG RATING	B3 - U1 - G3	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,759.1	8.8%
MEDIUM(30-60):	7,311.5	36.4%
HIGH(60-80):	4,156.2	20.7%
VERY HIGH(80-90):	145.2	0.7%
BACK LIGHT		
LOW(0-30):	1,303.9	6.5%
MEDIUM(30-60):	3,555.7	17.7%
HIGH(60-80):	1,798.7	8.9%
VERY HIGH(80-90):	64.3	0.3%
UPLIGHT		
LOW(90-100):	0.4	0%
HIGH(100-180):	4.2	0%
TRAPPED LIGHT:	0.000	0%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-150403M



OUTDOOR PHOTOMETRIC REPORT
CATALOG: P4-150403M

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	34
0	3409	3408	3412	3412	3416	3416	3404	3404	3405	3406	3407	3407	3409	3408	3412	3412	3416	3416	3404	3404	3405	3406	3407	34
5	3576	3586	3590	3581	3566	3530	3472	3428	3379	3332	3293	3262	3250	3248	3266	3288	3322	3356	3384	3425	3469	3504	3536	35
10	3729	3753	3770	3772	3757	3704	3596	3495	3374	3242	3132	3054	3026	3030	3081	3160	3261	3354	3426	3503	3572	3616	3657	36
15	3932	3970	3999	4001	3989	3935	3785	3612	3380	3131	2951	2834	2793	2810	2889	3020	3213	3395	3519	3634	3709	3759	3821	38
20	4201	4256	4292	4287	4263	4209	4032	3784	3412	3036	2767	2605	2552	2579	2693	2888	3164	3460	3648	3793	3878	3956	4041	41
25	4626	4694	4693	4639	4597	4543	4371	4047	3511	2984	2616	2410	2342	2376	2512	2760	3120	3539	3809	3980	4089	4208	4361	45
30	5371	5500	5501	5261	5040	4982	4842	4470	3733	2990	2504	2237	2157	2206	2381	2687	3151	3690	4039	4215	4369	4655	4991	52
35	5710	5877	6015	6020	5736	5525	5442	5023	3942	2890	2319	2045	1984	2036	2232	2600	3264	4025	4409	4533	4876	5316	5521	55
40	6071	6200	6355	6516	6436	6215	6069	5361	3936	2704	2136	1899	1854	1900	2078	2452	3259	4357	4923	5022	5366	5626	5772	59
45	6525	6576	6718	6995	7070	6823	6465	5557	3903	2546	2011	1818	1787	1825	1969	2324	3229	4551	5344	5564	5802	6024	6200	63
50	6884	6868	7003	7499	7754	7222	6729	5670	3830	2416	1921	1770	1764	1787	1901	2224	3211	4746	5680	5988	6356	6517	6614	67
55	6526	6550	6979	7980	8529	7688	6888	5630	3665	2286	1823	1716	1742	1754	1838	2134	3153	4862	5986	6449	7098	7003	6741	65
60	4589	4763	5851	8094	9587	8192	6759	5314	3389	2094	1621	1482	1517	1545	1695	2017	3041	4786	5998	7055	8101	7167	5839	49
65	1695	1938	3191	6961	10224	8288	6129	4430	2796	1670	1195	1066	1102	1121	1308	1744	2617	4353	5845	7525	8737	6202	3282	21
70	414	450	751	4052	9795	8491	5362	3512	2012	994	732	635	592	676	804	1114	2140	3820	5555	8705	8854	3443	832	4
75	283	284	302	1433	6047	5674	3576	2053	973	469	371	229	275	233	399	556	1297	2641	4354	7665	6022	916	310	2
80	164	171	171	524	2001	1452	1306	776	241	172	160	132	171	133	170	197	385	1145	1836	2736	2205	358	176	1
85	70	66	50	127	218	223	260	90	32	34	44	41	52	42	47	36	37	112	132	447	394	84	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	
95	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
100	1	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	
105	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
110	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
115	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
120	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
125	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
130	1	1	1	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	1	
135	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	2	
140	1	2	2	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	1	3		
145	1	2	2	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	0	1	1	2	3	
150	1	2	2	1	1	0	0	0	1	1	2	1	1	1	1	1	2	1	1	1	3	2	3	
155	1	2	2	2	2	1	1	2	2	2	2	2	1	1	1	3	3	3	3	3	4	3	2	
160	1	3	3	3	3	2	2	2	3	3	2	2	1	1	0	3	4	4	3	4	5	4	0	
165	2	3	3	3	3	3	2	3	4	4	3	2	1	1	1	0	4	3	3	4	4	0	2	
170	2	3	3	3	3	2	2	2	3	3	4	3	1	1	2	2	0	0	0	0	2	2		
175	1	2	3	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	1	2	2	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	