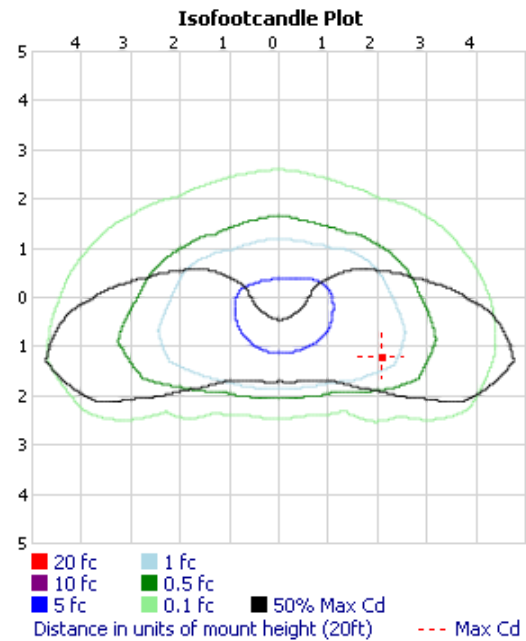
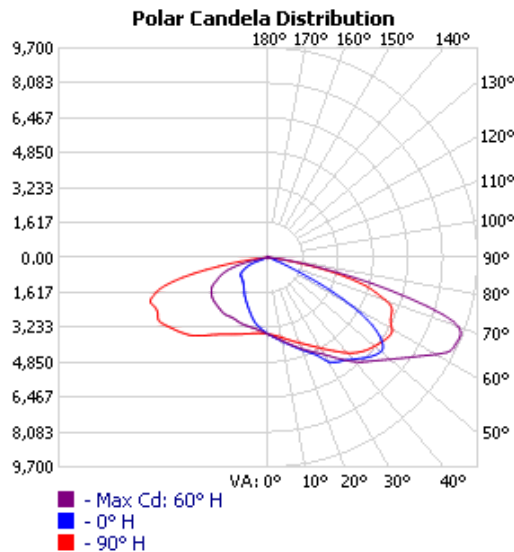


OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-150503M

MANUFACTURER: ADVANTAGE LIGHTING
TEST LAB: SOLUTIONSDONGGUAN NEW TESTING
TEST DATE: CENTRE CO., LTD 01 JUNE 2018
CATALOG: P4-150503M
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 20185
BALLAST / DRIVER: AC120-277V,50/60HZ
INPUT WATTAGE: 150.03
LUMINOUS OPENING: RECTANGLE (L: 47.24", W: 1.18")
MAX CD: 9,610.7 AT HORIZONTAL: 60°, VERTICAL: 67°
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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OUTDOOR PHOTOMETRIC REPORT
CATALOG: P4-150503M

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	3,183.1	15.8%	15.8%
0-40	5,877.4	29.1%	29.1%
0-60	13,813.5	68.4%	68.4%
60-90	6,367.1	31.5%	31.5%
70-100	2,439.2	12.1%	12.1%
90-120	0.7	0%	0%
0-90	20,180.6	100%	100%
90-180	3.8	0%	0%
0-180	20,184.4	100%	100%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	SEMICUTOFF	
DISTRIBUTION:	TYPE III, SHORT	
MAX CD, 90 DEG VERT:	10.6	
MAX CD, 80 TO <90 DEG:	3,162.7	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	13,307.5	65.9%
DOWNWARD HOUSE SIDE:	6,874.1	34.1%
DOWNWARD TOTAL:	20,181.6	100%
UPWARD STREET SIDE:	1.9	0%
UPWARD HOUSE SIDE:	1.9	0%
UPWARD TOTAL:	3.8	0%
TOTAL LUMENS:	20,185.4	100%

LUMENS PER ZONE

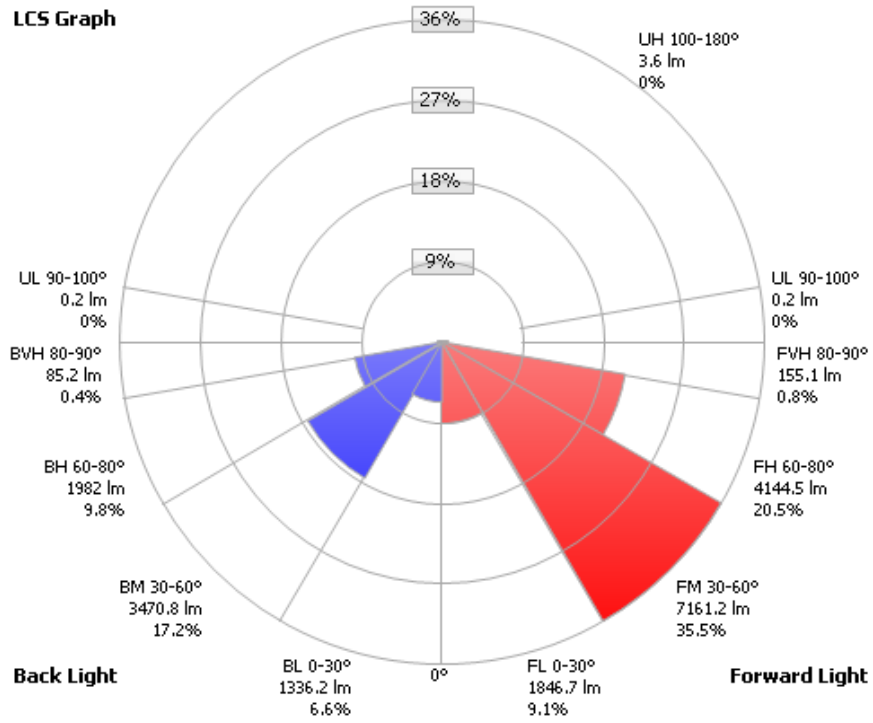
ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	340.3	1.7%	90-100	0.2	0%
10-20	1,042.0	5.2%	100-110	0.2	0%
20-30	1,800.7	8.9%	110-120	0.3	0%
30-40	2,694.4	13.3%	120-130	0.3	0%
40-50	3,599.5	17.8%	130-140	0.4	0%
50-60	4,336.5	21.5%	140-150	0.6	0%
60-70	3,928.1	19.5%	150-160	0.8	0%
70-80	2,198.7	10.9%	160-170	0.7	0%
80-90	240.3	1.2%	170-180	0.2	0%

LCS TABLE

BUG RATING	B3 - U1 - G3	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,846.7	9.1%
MEDIUM(30-60):	7,161.2	35.5%
HIGH(60-80):	4,144.5	20.5%
VERY HIGH(80-90):	155.1	0.8%
BACK LIGHT		
LOW(0-30):	1,336.2	6.6%
MEDIUM(30-60):	3,470.8	17.2%
HIGH(60-80):	1,982.0	9.8%
VERY HIGH(80-90):	85.2	0.4%
UPLIGHT		
LOW(90-100):	0.2	0%
HIGH(100-180):	3.6	0%
TRAPPED LIGHT:	0.000	0%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-150503M

LCS Graph



Back Light

Forward Light

Scale = Max LCS %

Trapped Light: 0lm, 0%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-150503M

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	3540	3540	3546	3544	3548	3548	3541	3538	3539	3536	3538	3536	3540	3540	3546	3544	3548	3548	3541	3538	3539	3536	3538	3535
5	3727	3738	3743	3731	3712	3675	3621	3565	3504	3441	3393	3354	3340	3335	3354	3382	3426	3472	3514	3556	3604	3640	3677	3705
10	3950	3973	3981	3959	3927	3865	3765	3643	3496	3356	3246	3166	3135	3136	3182	3250	3348	3457	3555	3636	3714	3782	3850	3905
15	4218	4256	4273	4246	4194	4105	3965	3769	3520	3277	3067	2916	2861	2881	2985	3141	3317	3490	3648	3763	3873	3967	4066	4155
20	4544	4592	4610	4571	4487	4366	4200	3926	3564	3166	2833	2642	2581	2613	2754	3002	3302	3557	3771	3911	4056	4194	4341	4455
25	4901	4979	5002	4927	4801	4654	4478	4136	3625	3033	2609	2402	2339	2378	2534	2835	3273	3643	3922	4091	4273	4473	4658	4795
30	5565	5657	5635	5422	5176	4991	4832	4446	3768	2945	2438	2199	2131	2174	2347	2682	3237	3760	4107	4299	4529	4824	5176	5541
35	5858	6010	6109	6021	5717	5412	5266	4870	3983	2873	2278	2003	1939	1992	2188	2564	3279	3971	4354	4524	4937	5383	5641	5795
40	6145	6266	6394	6440	6297	5925	5761	5251	4065	2703	2076	1813	1759	1815	2009	2405	3299	4271	4712	4893	5356	5662	5864	6005
45	6525	6587	6709	6821	6774	6451	6148	5502	4061	2521	1902	1678	1639	1686	1854	2247	3253	4476	5080	5307	5675	6000	6226	6385
50	6799	6804	6947	7284	7330	6818	6406	5672	4011	2364	1778	1586	1563	1599	1745	2120	3228	4659	5348	5617	6085	6407	6584	6675
55	6292	6398	6911	7693	8040	7302	6617	5724	3868	2213	1669	1522	1531	1547	1657	2006	3173	4804	5601	6011	6673	6813	6654	6365
60	4505	4735	5905	7813	8961	7918	6626	5520	3595	2053	1549	1419	1454	1462	1570	1894	3037	4850	5843	6710	7492	6917	5753	4855
65	1584	1901	3190	6958	9560	8285	6292	4840	3052	1804	1291	1147	1188	1204	1365	1727	2733	4458	5705	7313	8344	6033	3244	2015
70	370	391	705	4226	9382	8888	5809	4059	2439	1221	875	781	800	823	953	1303	2300	4100	5815	8715	8381	3632	770	405
75	238	244	270	1071	5862	6711	4217	2619	1451	643	473	228	265	246	529	738	1619	3072	4917	8477	6055	851	285	245
80	130	139	147	333	1843	1910	1610	1084	428	219	170	128	175	130	192	268	606	1546	2329	3163	2369	324	158	145
85	45	45	36	66	230	293	93	63	36	38	49	46	63	49	54	42	43	230	238	327	545	84	46	45
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	11	0	0	0
95	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	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	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	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	0
125	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	0	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
135	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1
140	1	2	2	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1
145	1	2	2	1	0	1	0	1	0	2	2	1	1	1	1	1	0	1	0	0	1	1	2	2
150	1	2	2	2	1	0	0	1	1	2	2	2	1	1	2	1	1	1	0	1	1	1	2	2
155	1	2	2	3	4	2	2	3	3	2	2	2	1	1	1	2	2	2	2	2	3	3	1	1
160	1	3	4	4	3	2	3	4	4	3	2	2	1	1	1	2	3	3	2	3	3	3	0	0
165	2	4	4	4	2	3	3	4	4	4	3	2	1	1	1	0	3	3	2	2	2	0	2	2
170	2	4	3	3	3	3	3	4	4	4	4	4	2	2	2	2	0	0	0	0	0	2	2	2
175	1	1	3	3	3	2	3	3	4	4	3	2	2	2	2	2	2	1	1	1	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	0