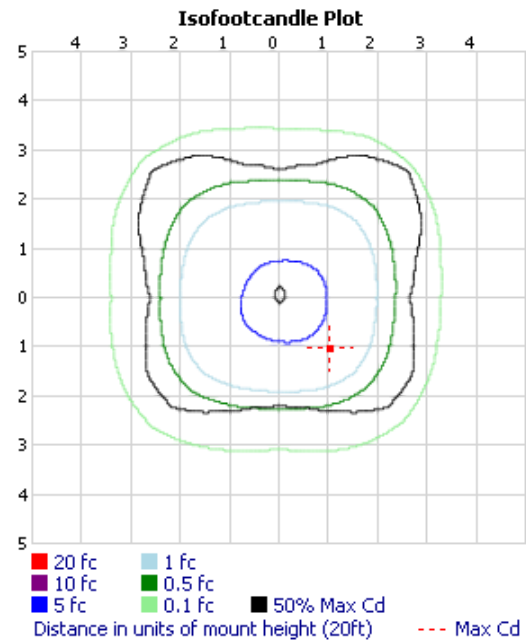
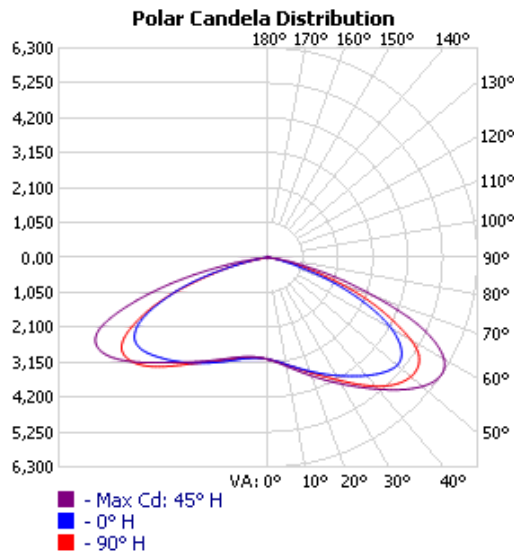


## OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-150505M

MANUFACTURER: ADVANTAGE LIGHTING  
TEST LAB: SOLUTIONSDONGGUAN NEW TESTING  
TEST DATE: CENTRE CO., LTD 31 MAY 2018  
CATALOG: P4-150505M  
DESCRIPTION: LED  
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 20947  
BALLAST / DRIVER: AC120-277V,50/60HZ  
INPUT WATTAGE: 150  
LUMINOUS OPENING: RECTANGLE (L: 47.24", W: 1.18")  
MAX CD: 6,289.9 AT HORIZONTAL: 45°, VERTICAL: 56°  
CUTOFF CLASS: CUTOFF  
ROADWAY CLASS: TYPE VS  
EFFICIENCY: 100%



VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2019, ACUITY BRANDS LIGHTING.

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**OUTDOOR PHOTOMETRIC REPORT**  
CATALOG: P4-150505M

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,959.7	14.1%	14.1%
0-40	5,633.9	26.9%	26.9%
0-60	14,323.0	68.4%	68.4%
60-90	6,620.6	31.6%	31.6%
70-100	2,169.9	10.4%	10.4%
90-120	0.6	0%	0%
0-90	20,943.5	100%	100%
90-180	2.2	0%	0%
0-180	20,945.7	100%	100%

**ROADWAY SUMMARY**

CUTOFF CLASSIFICATION:	CUTOFF
DISTRIBUTION:	TYPE VS
MAX CD, 90 DEG VERT:	0.7
MAX CD, 80 TO <90 DEG:	1,242.7
	LUMENS % LAMP
DOWNWARD STREET SIDE:	10,415.0 49.7%
DOWNWARD HOUSE SIDE:	10,529.5 50.3%
DOWNWARD TOTAL:	20,944.6 100%
UPWARD STREET SIDE:	1.2 0%
UPWARD HOUSE SIDE:	1.0 0%
UPWARD TOTAL:	2.2 0%
TOTAL LUMENS:	20,946.7 100%

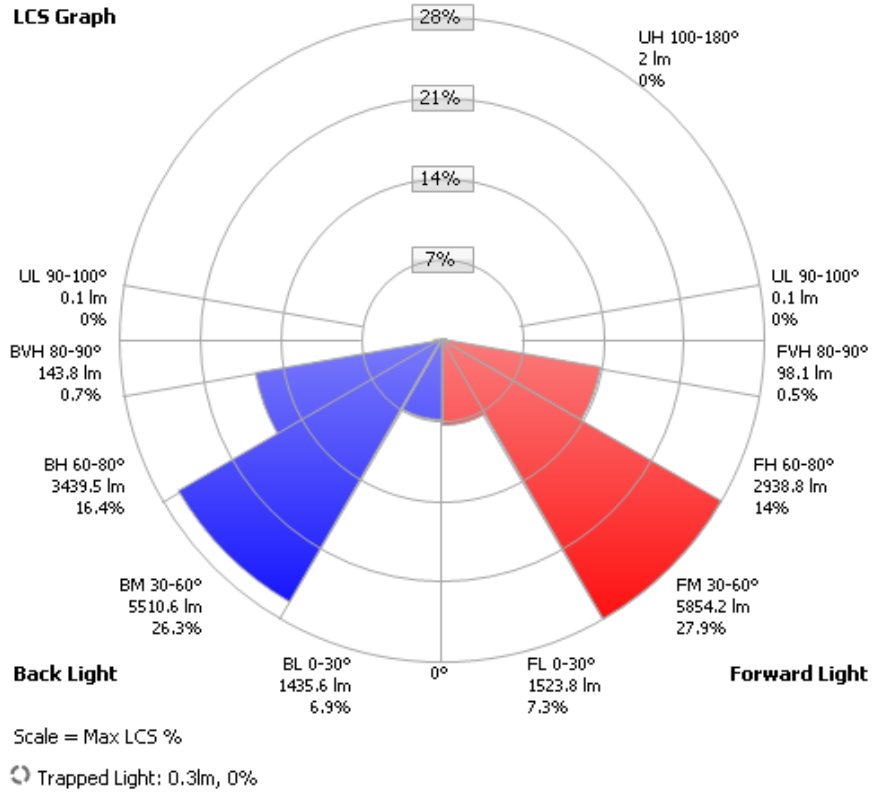
**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	297.4	1.4%	90-100	0.1	0%
10-20	943.1	4.5%	100-110	0.2	0%
20-30	1,719.1	8.2%	110-120	0.2	0%
30-40	2,674.2	12.8%	120-130	0.2	0%
40-50	3,825.4	18.3%	130-140	0.3	0%
50-60	4,863.7	23.2%	140-150	0.3	0%
60-70	4,450.8	21.2%	150-160	0.4	0%
70-80	1,927.9	9.2%	160-170	0.3	0%
80-90	242.0	1.2%	170-180	0.1	0%

**LCS TABLE**

<b>BUG RATING</b>	<b>B4 - U1 - G2</b>
<b>FORWARD LIGHT</b>	LUMENS LUMENS %
LOW(0-30):	1,523.8 7.3%
MEDIUM(30-60):	5,854.2 27.9%
HIGH(60-80):	2,938.8 14%
VERY HIGH(80-90):	98.1 0.5%
<b>BACK LIGHT</b>	
LOW(0-30):	1,435.6 6.9%
MEDIUM(30-60):	5,510.6 26.3%
HIGH(60-80):	3,439.5 16.4%
VERY HIGH(80-90):	143.8 0.7%
<b>UPLIGHT</b>	
LOW(90-100):	0.1 0%
HIGH(100-180):	2.0 0%
<b>TRAPPED LIGHT:</b>	0.3 0%

**OUTDOOR PHOTOMETRIC REPORT**  
 CATALOG: P4-150505M



**OUTDOOR PHOTOMETRIC REPORT**  
CATALOG: P4-150505M

**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	3058	3058	3062	3064	3066	3067	3059	3060	3058	3057	3057	3057	3058	3058	3062	3064	3066	3067	3059	3060	3058	3057	3057	3058
5	3138	3151	3165	3168	3169	3163	3143	3130	3109	3090	3071	3052	3036	3024	3019	3015	3019	3025	3030	3043	3059	3077	3098	3111
10	3269	3297	3321	3327	3324	3307	3276	3253	3217	3182	3142	3105	3072	3048	3032	3023	3025	3037	3055	3080	3117	3153	3192	3221
15	3438	3487	3526	3533	3524	3494	3451	3424	3377	3330	3269	3212	3162	3131	3107	3091	3085	3100	3132	3175	3230	3278	3329	3377
20	3635	3708	3766	3779	3762	3721	3671	3643	3591	3528	3445	3363	3298	3263	3238	3212	3194	3208	3254	3317	3393	3446	3501	3555
25	3854	3953	4036	4062	4042	3994	3936	3910	3850	3769	3657	3544	3464	3434	3413	3378	3345	3356	3419	3507	3599	3653	3699	3755
30	4093	4219	4337	4384	4369	4320	4259	4232	4160	4053	3898	3751	3657	3633	3621	3583	3539	3546	3627	3738	3847	3894	3928	3986
35	4354	4508	4674	4750	4751	4705	4643	4617	4529	4377	4171	3983	3873	3851	3859	3824	3775	3788	3888	4024	4142	4178	4191	4231
40	4628	4817	5048	5167	5176	5118	5048	5037	4954	4755	4482	4234	4097	4089	4129	4113	4075	4105	4231	4384	4504	4522	4499	4511
45	4887	5117	5437	5617	5597	5486	5392	5417	5399	5190	4826	4491	4326	4334	4434	4472	4459	4509	4639	4817	4956	4941	4853	4800
50	5051	5334	5779	6033	5936	5722	5590	5676	5791	5639	5191	4758	4555	4586	4774	4906	4916	4922	5016	5237	5447	5424	5212	5021
55	4899	5250	5909	6281	6079	5713	5539	5718	6032	6015	5537	4973	4724	4807	5126	5374	5362	5215	5224	5508	5854	5872	5447	4995
60	4294	4685	5509	6114	5807	5209	4977	5322	5935	6160	5690	4949	4648	4825	5359	5737	5614	5220	5066	5444	5967	6037	5240	4500
65	3194	3580	4471	5196	4691	3972	3775	4155	5078	5793	5289	4389	4064	4356	5171	5739	5291	4549	4224	4622	5390	5451	4399	3480
70	1857	2209	2906	3415	3143	2520	2387	2727	3612	4412	4064	3223	2939	3275	4191	4818	4163	3336	2909	3259	3919	3986	2961	2160
75	744	1024	1448	1747	1534	1241	1157	1335	1949	2540	2396	1750	1503	1823	2606	3067	2525	1783	1472	1706	2072	2157	1537	970
80	296	440	626	621	580	480	349	506	755	998	987	708	535	752	1106	1243	1020	681	453	685	830	825	673	410
85	78	113	102	80	120	89	67	121	145	164	270	198	149	201	349	223	287	136	92	146	156	149	155	110
90	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
135	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
140	1	1	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	1
145	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1
150	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1
155	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
160	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0
165	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	0	1	1	1	1	1	0	1	1
170	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	0	0	0	0	0	1	1	1
175	1	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