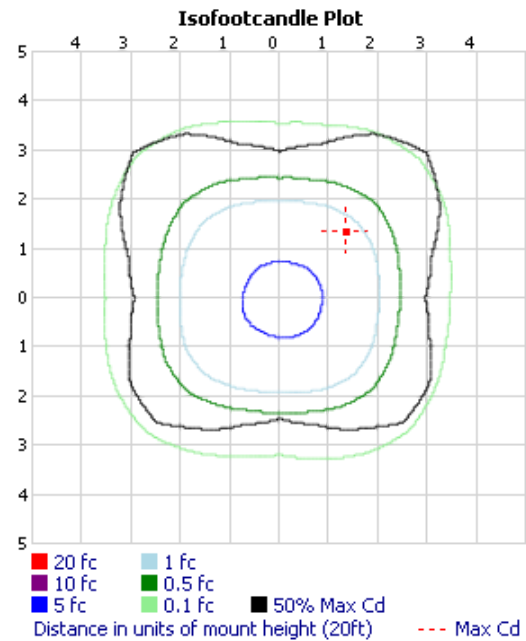
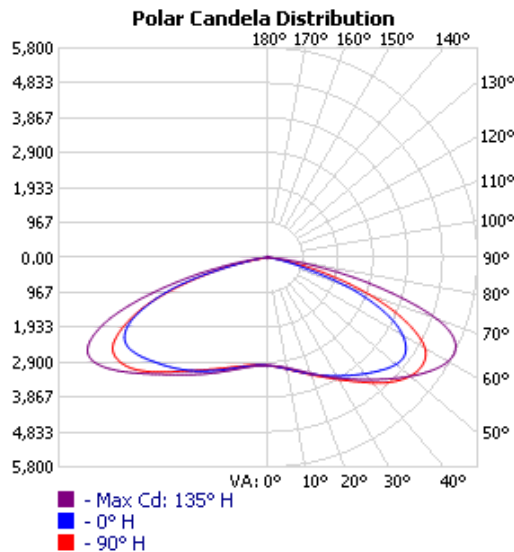


OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-150405M

MANUFACTURER: ADVANTAGE LIGHTING
TEST LAB: SOLUTIONSDONGGUAN NEW TESTING
TEST DATE: CENTRE CO., LTD 31 MAY 2018
CATALOG: P4-150405M
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 20729
BALLAST / DRIVER: AC120-277V,50/60HZ
INPUT WATTAGE: 150.073
LUMINOUS OPENING: RECTANGLE (L: 47.24", W: 1.18")
MAX CD: 5,799.1 AT HORIZONTAL: 135°, VERTICAL: 62°
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: P4-150405M

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,854.3	13.8%	13.8%
0-40	5,372.6	25.9%	25.9%
0-60	13,488.9	65.1%	65.1%
60-90	7,238.2	34.9%	34.9%
70-100	2,626.7	12.7%	12.7%
90-120	0.5	0%	0%
0-90	20,727.1	100%	100%
90-180	1.5	0%	0%
0-180	20,728.6	100%	100%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	CUTOFF
DISTRIBUTION:	TYPE VS
MAX CD, 90 DEG VERT:	22.5
MAX CD, 80 TO <90 DEG:	1,571.4
	LUMENS % LAMP
DOWNWARD STREET SIDE:	10,182.2 49.1%
DOWNWARD HOUSE SIDE:	10,545.7 50.9%
DOWNWARD TOTAL:	20,727.9 100%
UPWARD STREET SIDE:	0.7 0%
UPWARD HOUSE SIDE:	0.8 0%
UPWARD TOTAL:	1.5 0%
TOTAL LUMENS:	20,729.4 100%

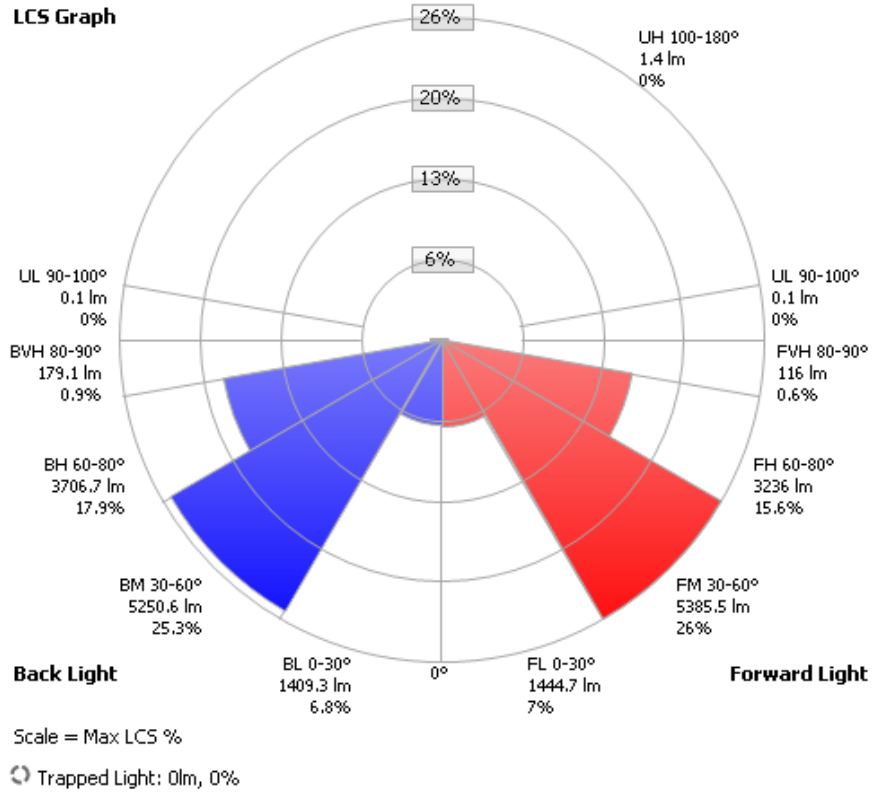
LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	290.1	1.4%	90-100	0.1	0%
10-20	915.2	4.4%	100-110	0.1	0%
20-30	1,648.9	8.0%	110-120	0.2	0%
30-40	2,518.4	12.1%	120-130	0.2	0%
40-50	3,545.5	17.1%	130-140	0.2	0%
50-60	4,570.8	22.1%	140-150	0.2	0%
60-70	4,611.7	22.2%	150-160	0.2	0%
70-80	2,331.5	11.2%	160-170	0.2	0%
80-90	295.1	1.4%	170-180	0.1	0%

LCS TABLE

BUG RATING	B4 - U1 - G2
FORWARD LIGHT	LUMENS LUMENS %
LOW(0-30):	1,444.7 7%
MEDIUM(30-60):	5,385.5 26%
HIGH(60-80):	3,236.0 15.6%
VERY HIGH(80-90):	116.0 0.6%
BACK LIGHT	
LOW(0-30):	1,409.3 6.8%
MEDIUM(30-60):	5,250.6 25.3%
HIGH(60-80):	3,706.7 17.9%
VERY HIGH(80-90):	179.1 0.9%
UPLIGHT	
LOW(90-100):	0.1 0%
HIGH(100-180):	1.4 0%
TRAPPED LIGHT:	0.000 0%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-150405M



OUTDOOR PHOTOMETRIC REPORT
CATALOG: P4-150405M

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	2989	2988	2989	2989	2990	2990	2987	2987	2988	2988	2988	2987	2989	2988	2989	2989	2990	2990	2987	2987	2988	2988	2988	298
5	3038	3044	3050	3052	3053	3051	3040	3037	3028	3019	3009	3000	2993	2985	2980	2977	2977	2981	2983	2988	2997	3007	3018	302
10	3134	3150	3163	3165	3163	3153	3139	3131	3117	3102	3083	3063	3048	3034	3025	3016	3014	3019	3027	3039	3059	3075	3095	311
15	3268	3296	3318	3320	3311	3294	3275	3271	3254	3234	3203	3173	3150	3134	3121	3107	3096	3100	3116	3137	3169	3187	3212	323
20	3425	3472	3505	3507	3492	3466	3446	3448	3434	3410	3362	3317	3287	3274	3262	3239	3216	3216	3240	3274	3319	3340	3359	338
25	3598	3663	3715	3723	3700	3668	3649	3661	3651	3617	3548	3485	3448	3443	3437	3407	3369	3363	3398	3451	3506	3521	3526	354
30	3782	3868	3943	3965	3943	3910	3894	3915	3905	3850	3754	3668	3625	3632	3636	3605	3555	3543	3591	3661	3724	3725	3713	372
35	3979	4084	4192	4234	4222	4199	4184	4215	4194	4113	3979	3865	3815	3833	3857	3832	3775	3765	3827	3911	3975	3956	3921	391
40	4193	4319	4471	4543	4548	4535	4523	4561	4530	4408	4224	4063	3999	4033	4094	4086	4040	4045	4123	4216	4270	4230	4160	413
45	4413	4573	4790	4901	4910	4882	4862	4925	4911	4746	4484	4263	4181	4235	4350	4391	4373	4394	4475	4583	4635	4560	4441	437
50	4608	4809	5119	5288	5255	5158	5114	5231	5299	5115	4767	4476	4375	4447	4633	4754	4763	4754	4814	4957	5054	4955	4749	459
55	4636	4906	5380	5625	5500	5286	5211	5399	5602	5478	5069	4684	4553	4661	4938	5141	5144	5027	5024	5228	5438	5367	5022	469
60	4308	4649	5343	5759	5516	5137	5019	5318	5705	5750	5311	4766	4589	4773	5213	5474	5385	5091	4979	5270	5649	5655	5036	444
65	3546	3932	4760	5376	5029	4379	4230	4660	5390	5736	5197	4442	4220	4521	5216	5603	5223	4627	4367	4750	5423	5447	4547	376
70	2309	2691	3539	4158	3746	3089	2971	3417	4302	4981	4353	3516	3283	3657	4555	5035	4370	3651	3278	3643	4324	4412	3420	258
75	910	1303	1959	2364	2023	1629	1555	1837	2673	3189	2825	2071	1814	2245	3098	3533	2926	2120	1770	2073	2534	2628	1903	117
80	319	503	797	847	798	614	452	731	1063	1321	1223	809	593	942	1408	1571	1252	838	520	825	988	1018	789	45
85	78	122	124	100	113	117	86	117	280	225	362	224	167	256	411	290	336	169	98	231	180	200	166	11
90	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	22	0	2	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	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	
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
140	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
145	0	1	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	
150	1	1	1	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	0	1	
155	1	1	1	1	1	0	0	1	1	1	1	1	1	0	1	1	0	0	0	0	0	1	0	
160	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	0	
165	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	0	1	
170	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	
175	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	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	