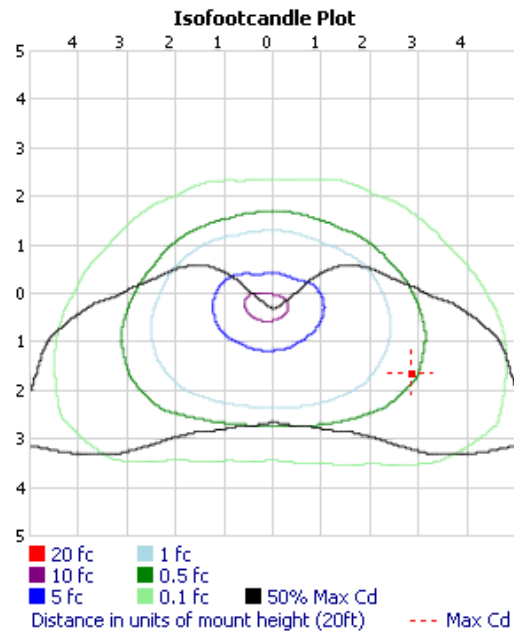
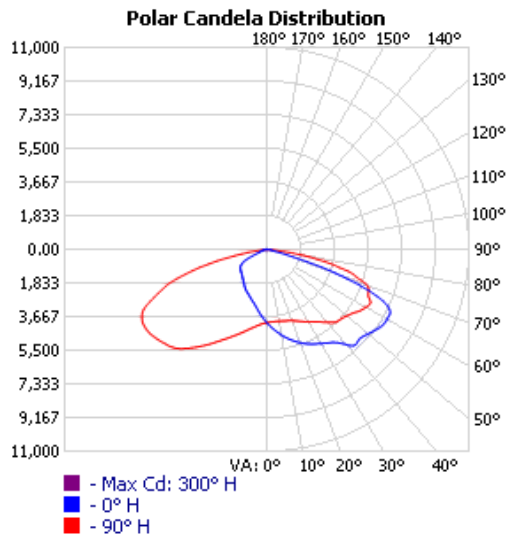


OUTDOOR PHOTOMETRIC REPORT

CATALOG: P4-200404M

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST LAB: DONGGUAN NEW TESTING CENTRE CO., LTD
TEST DATE: 11 JANUARY 2019
CATALOG: P4-200404M
DESCRIPTION: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 24633
BALLAST / DRIVER: 120-277VAC 50/60HZ
INPUT WATTAGE: 200.065
LUMINOUS OPENING: RECTANGLE (L: 11.81", W: 11.81")
MAX CD: 10,377.2 AT HORIZONTAL: 300°, VERTICAL: 67°
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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VISUAL PHOTOMETRIC TOOL

PAGE 1 OF 4

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-200404M

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	3,608.9	14.7%	14.6%
0-40	6,611.3	26.8%	26.8%
0-60	15,628.8	63.4%	63.4%
60-90	8,994.4	36.5%	36.5%
70-100	3,662.6	14.9%	14.9%
90-120	3.3	0%	0%
0-90	24,623.2	100%	100%
90-180	11.1	0%	0%
0-180	24,634.3	100%	100%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	NONCUTOFF	
DISTRIBUTION:	TYPE IV, SHORT	
MAX CD, 90 DEG VERT:	8.2	
MAX CD, 80 TO <90 DEG:	5,790.0	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	17,425.0	70.7%
DOWNWARD HOUSE SIDE:	7,198.9	29.2%
DOWNWARD TOTAL:	24,624.0	100%
UPWARD STREET SIDE:	7.7	0%
UPWARD HOUSE SIDE:	3.4	0%
UPWARD TOTAL:	11.1	0%
TOTAL LUMENS:	24,635.1	100%

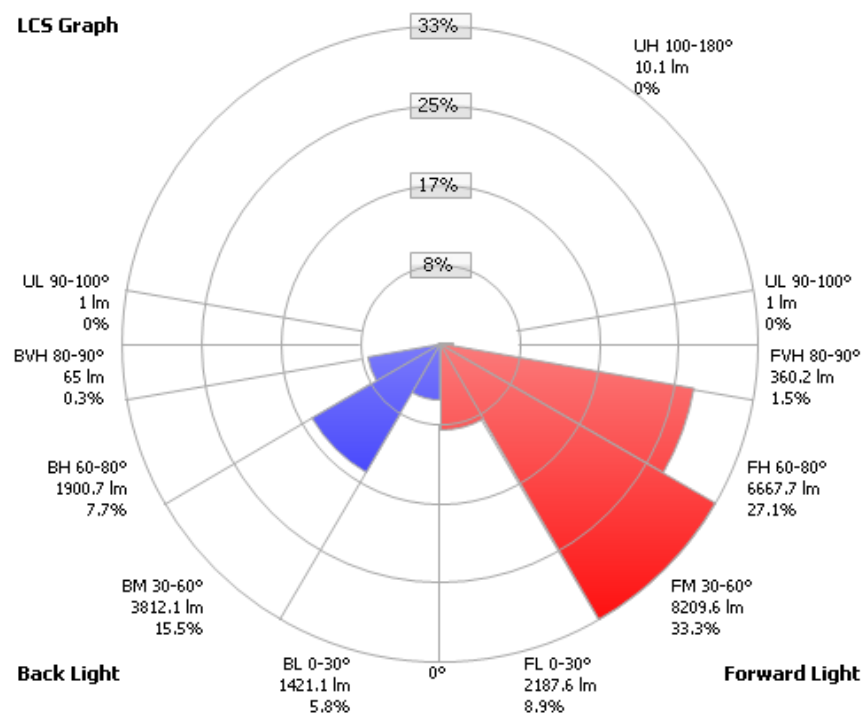
LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	384.4	1.6%	90-100	1.0	0%
10-20	1,181.8	4.8%	100-110	1.2	0%
20-30	2,042.6	8.3%	110-120	1.1	0%
30-40	3,002.4	12.2%	120-130	1.2	0%
40-50	4,075.3	16.5%	130-140	1.5	0%
50-60	4,942.3	20.1%	140-150	1.7	0%
60-70	5,332.8	21.6%	150-160	1.6	0%
70-80	3,236.4	13.1%	160-170	1.3	0%
80-90	425.2	1.7%	170-180	0.4	0%

LCS TABLE

BUG RATING	B3 - U2 - G3	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	2,187.6	8.9%
MEDIUM(30-60):	8,209.6	33.3%
HIGH(60-80):	6,667.7	27.1%
VERY HIGH(80-90):	360.2	1.5%
BACK LIGHT		
LOW(0-30):	1,421.1	5.8%
MEDIUM(30-60):	3,812.1	15.5%
HIGH(60-80):	1,900.7	7.7%
VERY HIGH(80-90):	65.0	0.3%
UPLIGHT		
LOW(90-100):	1.0	0%
HIGH(100-180):	10.1	0%
TRAPPED LIGHT:	0.000	0%

LCS Graph



Back Light

Forward Light

Scale = Max LCS %

Trapped Light: 0lm, 0%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: P4-200404M

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	3
0	3990	3990	3990	3990	3990	3990	3990	3990	3990	3990	3990	3990	3990	3990	3990	3990	3990	3990	3990	3990	3990	3990	3990	3990
5	4374	4345	4294	4228	4145	4052	3952	3855	3761	3683	3628	3599	3601	3629	3689	3773	3877	3991	4104	4202	4288	4345	4378	4378
10	4753	4694	4603	4486	4337	4165	3971	3774	3577	3412	3296	3235	3227	3277	3391	3573	3809	4071	4318	4518	4679	4770	4806	4806
15	5105	5018	4906	4760	4551	4305	4026	3732	3431	3185	3026	2956	2940	2988	3121	3390	3776	4215	4617	4915	5129	5223	5234	5234
20	5415	5305	5171	4985	4761	4477	4125	3714	3296	2992	2815	2739	2723	2764	2908	3227	3767	4411	4971	5356	5591	5651	5612	5591
25	5684	5557	5398	5221	5037	4743	4319	3778	3191	2823	2639	2564	2556	2593	2745	3111	3811	4679	5384	5821	6044	6067	5968	5821
30	5912	5785	5624	5483	5332	5030	4545	3887	3159	2707	2500	2395	2384	2436	2629	3076	3944	5034	5895	6345	6506	6467	6308	6159
35	6184	6047	5857	5751	5615	5319	4816	4081	3229	2663	2354	2203	2193	2227	2497	3071	4220	5553	6470	6942	7039	6882	6647	6408
40	6786	6591	6319	6116	5944	5675	5187	4324	3194	2511	2191	2060	2043	2078	2332	2944	4325	5918	7052	7559	7668	7479	7311	7052
45	7033	6956	6765	6704	6465	6151	5495	4338	3174	2417	2090	1955	1924	1986	2255	2900	4464	6131	7464	8262	8502	8343	7818	7464
50	7176	7072	6691	6693	6737	6424	5646	4467	3178	2352	2010	1867	1843	1916	2178	2887	4540	6286	7682	8578	8853	8415	7726	7176
55	7460	7404	7052	6902	7008	6767	5941	4592	3152	2270	1921	1780	1759	1818	2091	2816	4394	6226	7851	8978	9293	8836	8127	7460
60	7566	7618	7569	7485	7580	7389	6263	4658	3080	2153	1775	1600	1568	1610	1884	2585	3930	5846	7827	9384	9861	9498	8607	7566
65	7242	7493	7931	8274	8467	7860	6108	4295	2882	1878	1429	1141	1037	1132	1416	2029	3219	4966	7241	9585	10310	10003	8638	7242
70	4672	5491	7091	8810	8698	8021	5846	3578	2232	1307	960	439	409	426	904	1216	2179	3472	5871	8700	9955	9652	7094	5105
75	1147	1616	3728	7149	8539	7484	4618	2333	1293	736	345	291	305	285	345	608	1018	1911	3791	6851	8374	7043	3201	1147
80	310	330	675	3669	5790	3927	2355	960	420	288	177	181	195	175	172	214	157	590	1371	2425	4370	3278	437	310
85	122	129	135	671	1342	551	344	91	44	41	52	46	59	42	45	31	32	65	93	57	989	617	126	122
90	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	1	0
95	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	8	1	0
100	2	1	1	3	2	1	0	0	1	1	0	0	0	0	0	1	1	0	0	2	5	7	3	2
105	2	1	1	2	1	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	3	4	2	1
110	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	2	3	2	1
115	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	3	2	1
120	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	2	2	2	1
125	3	3	2	2	1	1	0	0	1	1	1	1	1	1	1	1	0	0	1	1	2	3	3	1
130	4	4	3	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	3	3	1
135	6	5	4	3	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	3	3	1
140	7	6	5	3	2	0	1	0	1	1	2	3	3	2	1	1	1	1	1	1	1	2	4	1
145	8	8	6	4	2	2	1	2	1	2	2	3	3	3	2	1	1	1	1	1	1	2	5	1
150	9	9	6	4	4	2	2	2	2	2	2	3	3	3	2	1	1	1	1	1	1	2	5	1
155	7	6	5	5	5	4	3	4	4	3	2	3	3	2	2	2	1	2	1	1	2	3	5	1
160	6	5	3	6	6	5	4	4	4	4	1	3	4	4	4	4	2	2	1	2	4	5	5	1
165	8	6	1	2	6	5	4	4	4	1	2	5	6	6	5	4	4	3	2	3	5	7	8	1
170	10	7	6	4	2	1	1	1	2	4	5	6	7	7	7	6	4	2	2	4	7	9	9	1
175	8	7	5	5	4	4	3	4	4	4	5	6	6	6	4	3	2	2	2	2	3	4	6	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