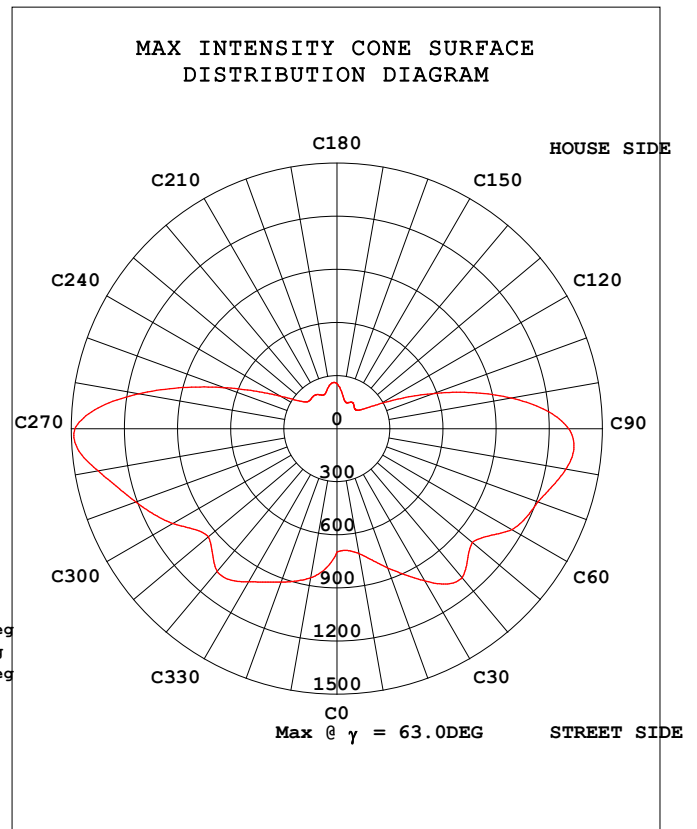
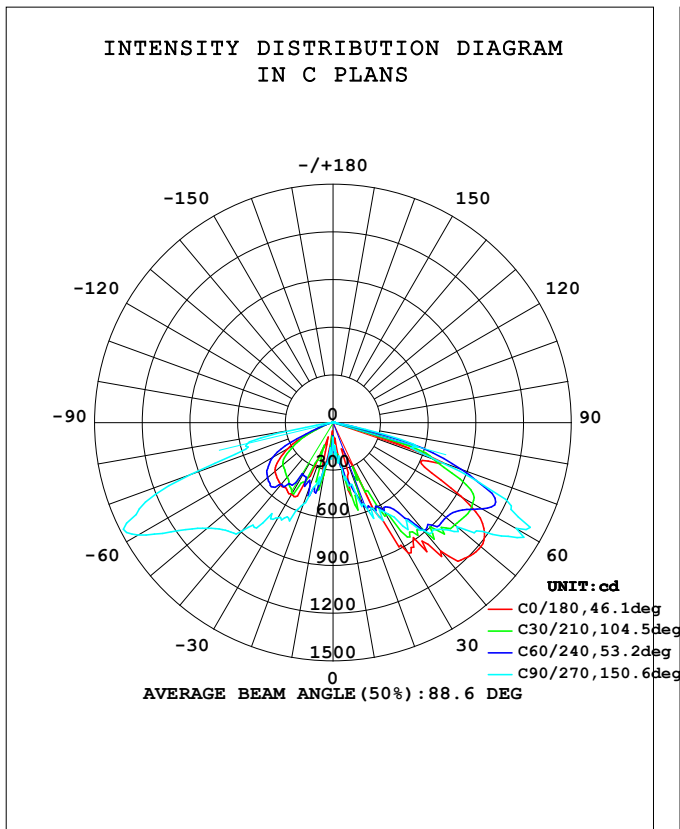


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.2V I:0.2349A P:28.07W PF:0.9942 Lamp Flux:3027.36x1 lm		
NAME: PAVUILLION POST TOP	TYPE:POST TOP	WEIGHT:
SPEC.:2002/1000WHQI	DIM.:	SERIAL No.:
MFR.: Above All Lighting	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.87 lm/W			
MODEL	PPT30301-IV	Imax (cd)	1480	$\eta$ street_up (%)	0.4
NOMINAL POWER(W)	30	LOR (%)	100.0	$\eta$ street_down (%)	69.9
RATED VOLTAGE (V)	120	TOTAL FLUX(lm)	3027	$\eta$ house_up (%)	0.5
NOMINAL FLUX(lm)	3027.36	MAXIMUM @ (C, $\gamma$ )	270,63.0	$\eta$ house_down (%)	29.1
LAMPS INSIDE	1	$\eta$ up (%)	0.9	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE (V)	120	$\eta$ down (%)	99.1	SLI	15.724



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.7DEG  
Operators:07  
Test Date:2018-10-25

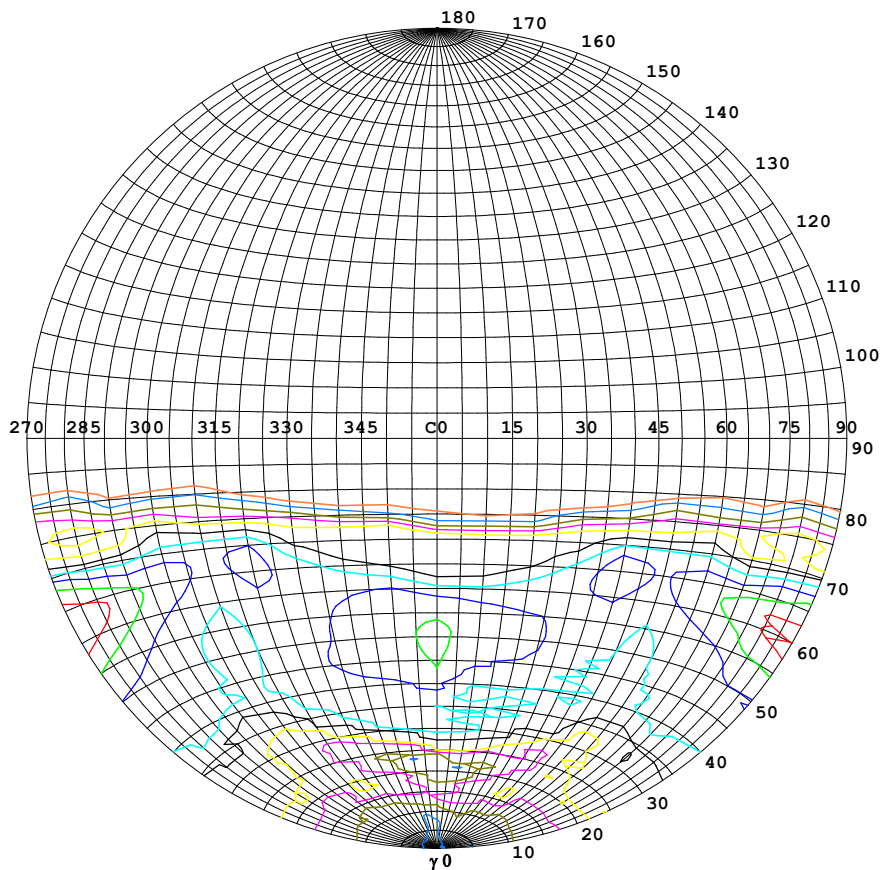
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.286  
Humidity:51.0%  
Test Distance:6.325m [K=1.0000]  
Remarks:

Note: SLI:Specific Luminaire Index

C:\Documents and Settings\Administrator\桌面\2018年测试数据\PPT35301-IV.GOS

## STREETLIGHT ISOCANDELA DIAGRAM

Test:U:120.2V I:0.2349A P:28.07W PF:0.9942 Lamp Flux:3027.36x1 lm		
NAME: PAVUILLION POST TOP	TYPE:POST TOP	WEIGHT:
SPEC.:2002/1000WHQI	DIM.:	SERIAL No.:
MFR.: Above All Lighting	SUR.:	PROTECTION ANGLE:



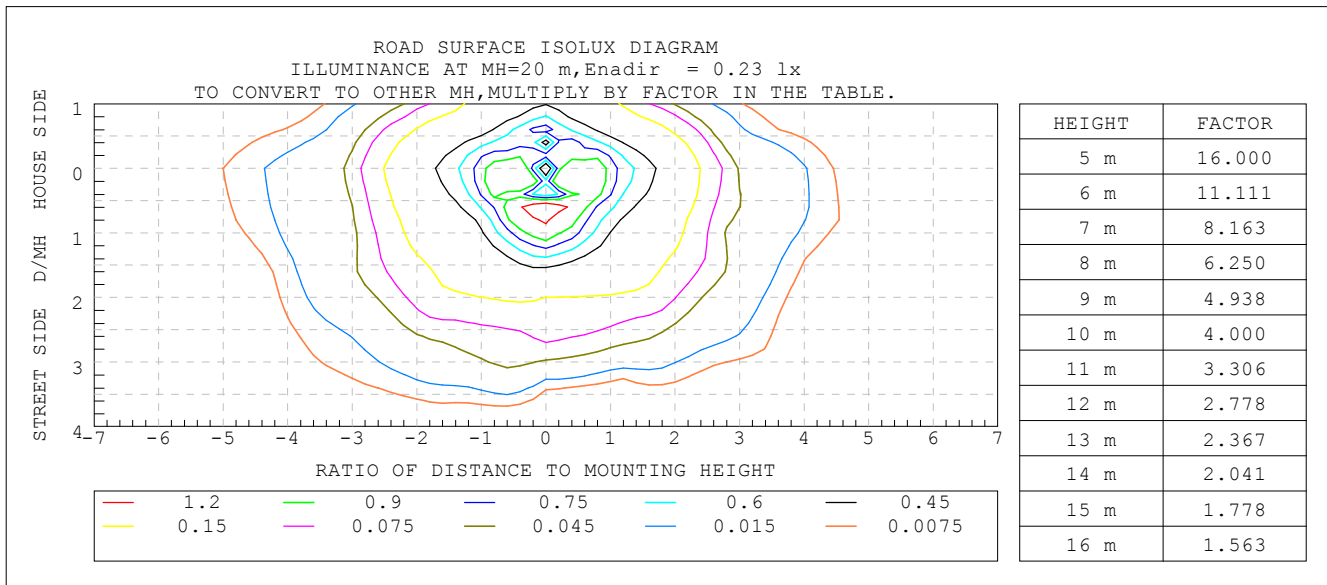
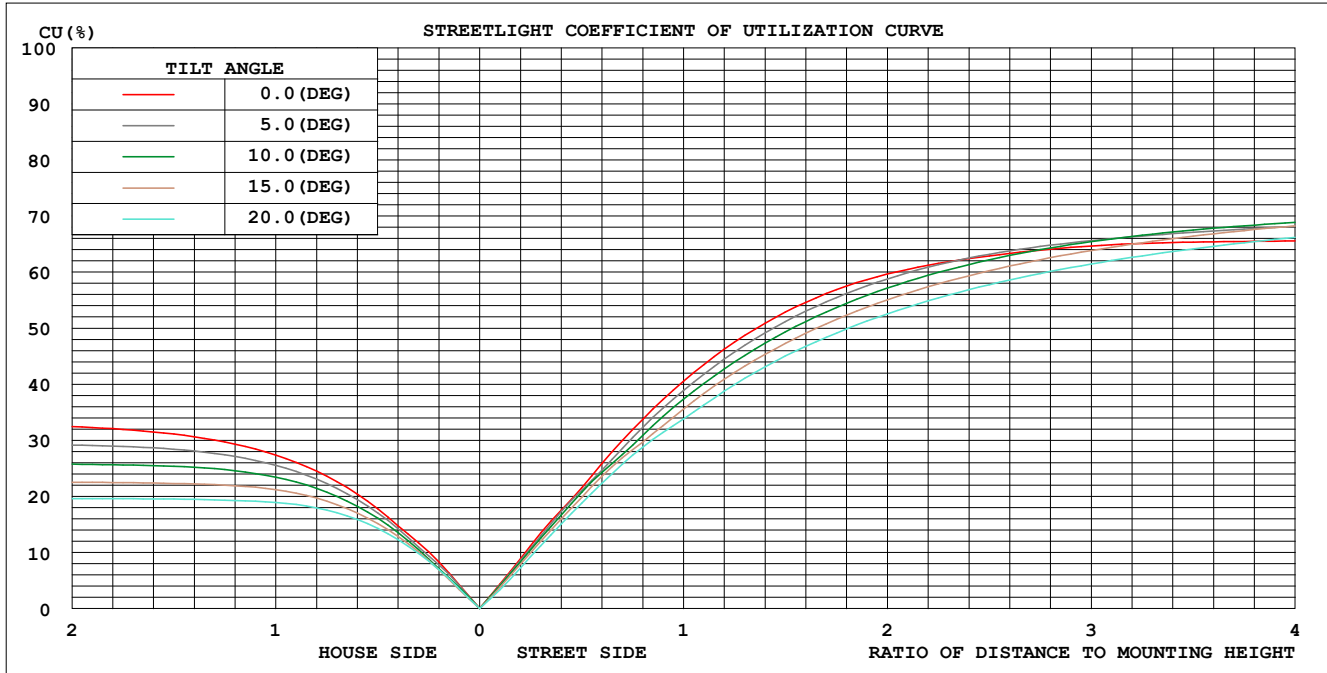
## Classification:

IES:Type III - Very Short  
 CIE:Narrow - Intermediate  
 IES:Cut-off  
 CIE:Semi-cut-off  
 Max.At80:77.40cd/klm  
 Max.At90:1.559cd/klm  
 Max.80-90:77.40cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	1480
90%	1332
80%	1184
70%	1036
60%	888
50%	740
40%	592
30%	444
20%	296
10%	148
5%	74

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.7DEG  
 Operators:07  
 Test Date:2018-10-25

gamma Range: 0 - 180DEG  
 gamma Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.286  
 Humidity:51.0%  
 Test Distance:6.325m [K=1.0000]  
 Remarks:

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.7DEG  
Operators: 07  
Test Date: 2018-10-25

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.286  
Humidity: 51.0%  
Test Distance: 6.325m [K=1.0000]  
Remarks:

### ZONAL FLUX DIAGRAM

Test:U:120.2V I:0.2349A P:28.07W PF:0.9942 Lamp Flux:3027.36x1 lm		
NAME: PAVUILLION POST TOP	TYPE:POST TOP	WEIGHT:
SPEC.:2002/1000WHQI	DIM.:	SERIAL No.:
MFR.: Above All Lighting	SUR.:	PROTECTION ANGLE:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	264.0	237.7	213.9	380.0	249.6	274.2	262.2	229.6	0- 10	19.25	19.25	0.64,0.64
20	181.9	538.1	544.9	272.6	164.1	331.2	547.9	574.4	10- 20	106.1	125.4	4.14,4.14
30	950.8	552.2	649.2	487.7	522.9	434.1	691.7	522.9	20- 30	227.8	353.2	11.7,11.7
40	1056	829.6	885.1	463.2	512.0	505.4	885.9	849.7	30- 40	421.3	774.5	25.6,25.6
50	1214	890.3	1019	418.8	477.1	460.9	1034	888.7	40- 50	596.1	1371	45.3,45.3
60	930.2	1003	1331	235.2	332.3	323.3	1414	957.1	50- 60	706.7	2077	68.6,68.6
70	730.7	867.9	696.7	47.12	95.13	77.19	950.8	1004	60- 70	655.1	2733	90.3,90.3
80	23.06	35.55	62.06	8.378	10.61	12.47	177.2	95.31	70- 80	255.8	2988	98.7,98.7
90	2.301	2.707	4.346	2.978	1.541	2.174	2.732	3.170	80- 90	10.81	2999	99.1,99.1
100	2.686	2.667	5.701	4.317	3.334	3.555	4.792	2.563	90-100	3.638	3003	99.2,99.2
110	3.181	3.178	6.615	5.527	4.790	4.882	5.227	2.498	100-110	4.360	3007	99.3,99.3
120	3.506	3.975	7.203	6.824	6.300	6.106	6.151	3.095	110-120	4.928	3012	99.5,99.5
130	4.379	4.543	7.284	6.897	6.855	6.436	6.531	3.967	120-130	5.049	3017	99.7,99.7
140	4.515	4.714	6.172	6.105	6.239	5.911	6.057	4.348	130-140	4.318	3021	99.8,99.8
150	4.345	3.812	4.963	4.213	5.228	4.664	5.255	3.816	140-150	3.167	3025	99.9,99.9
160	2.727	2.625	3.414	2.922	3.214	3.217	3.229	2.450	150-160	1.755	3026	100,100
170	2.663	2.559	4.154	2.708	2.981	2.886	2.599	2.387	160-170	0.7986	3027	100,100
180	2.579	2.722	2.623	2.615	2.589	2.726	2.697	2.618	170-180	0.2543	3027	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.7DEG  
Operators:07  
Test Date:2018-10-25

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.286  
Humidity:51.0%  
Test Distance:6.325m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

Test:U:120.2V I:0.2349A P:28.07W PF:0.9942 Lamp Flux:3027.36x1 lm		
NAME: PAVUILLION POST TOP	TYPE:POST TOP	WEIGHT:
SPEC.:2002/1000WHQI	DIM.:	SERIAL No.:
MFR.: Above All Lighting	SUR.:	PROTECTION ANGLE:

Conical surface Flux(120deg):

2077.4 lm

%lum = 68.6%

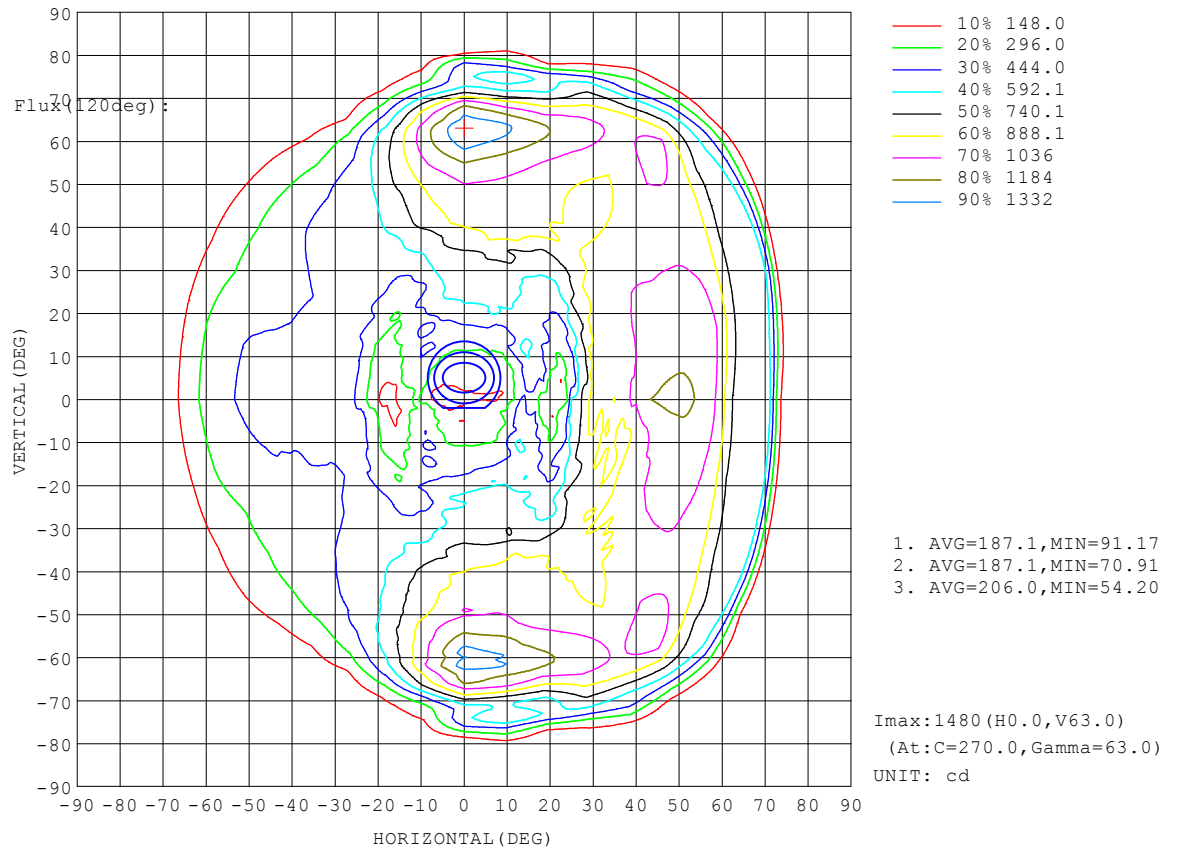
%lamp = 68.6%

Conical surface Flux(120deg):

2077.4 lm

%lum = 68.6%

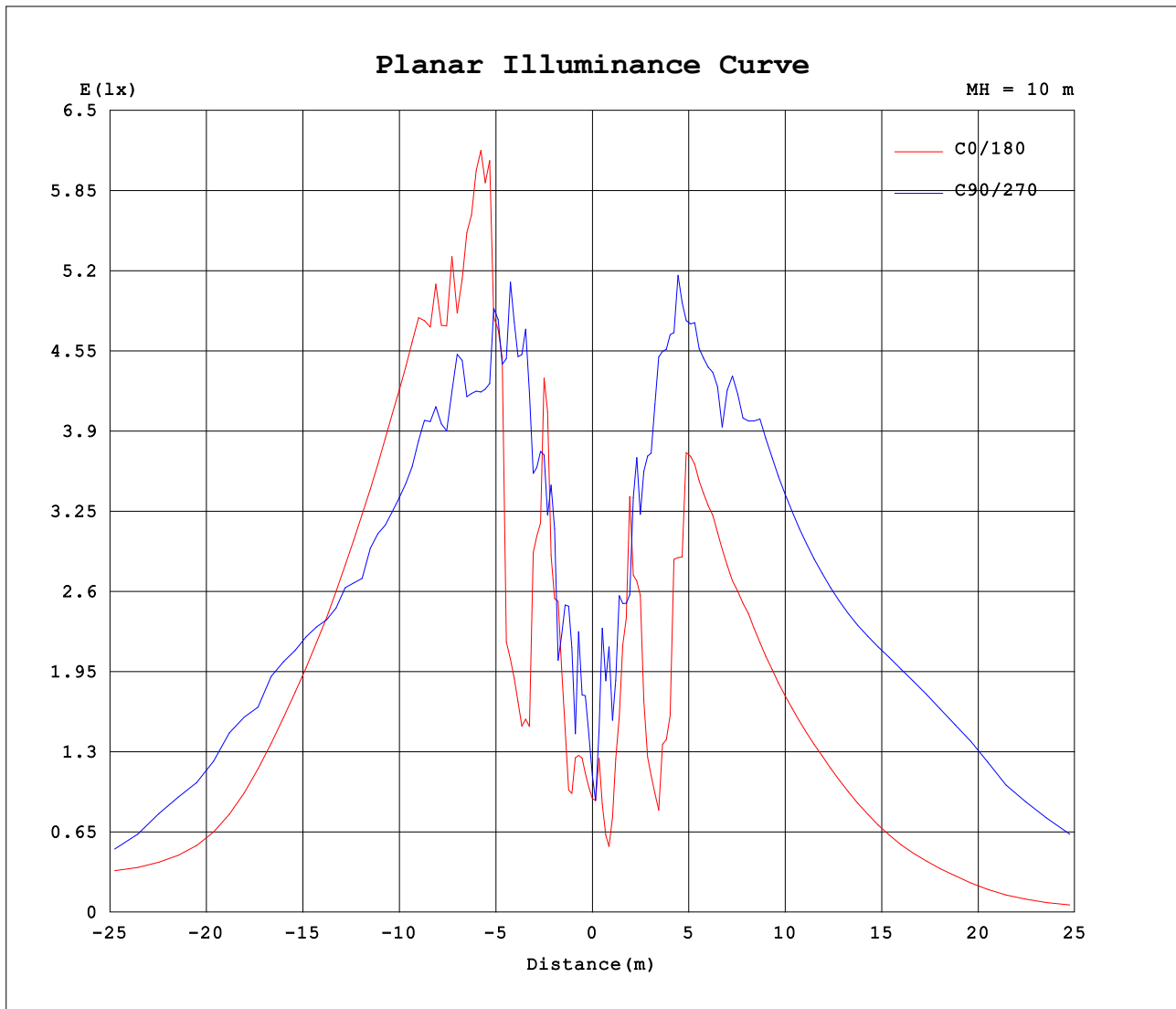
%lamp = 68.6%



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.7DEG  
Operators:07  
Test Date:2018-10-25

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.286  
Humidity:51.0%  
Test Distance:6.325m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.7DEG  
Operators: 07  
Test Date: 2018-10-25

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.286  
Humidity: 51.0%  
Test Distance: 6.325m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.2349A P:28.07W PF:0.9942 Lamp Flux:3027.36x1 lm		
NAME: PAVUILLION POST TOP	TYPE: POST TOP	WEIGHT:
SPEC.: 2002/1000WHQI	DIM.:	SERIAL No.:
MFR.: Above All Lighting	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	92.3	92.4	95.4	89.6	90.8	110	141	120	123	111	112	106	108	92.7	84.1	97.5	99.3	106	92.3
5	127	236	213	197	237	218	202	151	161	146	138	156	174	173	193	207	160	105	54.2
10	264	265	323	262	212	263	285	234	227	214	197	263	313	380	380	412	415	329	250
15	350	405	530	535	548	403	394	401	409	415	375	377	414	420	372	257	210	143	190
20	182	234	317	506	552	525	550	597	557	545	517	453	374	312	234	247	259	207	164
25	603	640	364	484	421	547	605	679	647	597	521	413	388	382	382	392	508	501	387
30	951	914	855	670	573	531	645	732	675	649	588	495	437	493	483	460	453	474	523
35	884	929	862	842	849	654	668	777	802	823	708	588	527	532	458	433	449	459	512
40	1056	904	941	867	846	814	887	933	973	885	839	662	537	494	432	410	438	450	512
45	1198	1063	999	993	832	780	926	973	933	951	873	715	522	474	414	385	417	460	497
50	1214	1120	1091	1001	934	847	929	976	1035	1019	901	716	508	442	396	362	386	427	477
55	1159	1087	1048	1021	982	879	967	1040	1161	1226	1001	723	469	400	337	300	305	365	422
60	930	915	970	1016	1052	955	1085	1193	1343	1331	1028	655	388	255	216	239	220	282	332
65	614	621	723	925	1120	1014	1125	1109	1155	1239	867	489	200	128	120	118	117	141	187
70	731	689	679	669	883	852	857	627	652	697	390	167	61.8	47.3	46.9	56.5	66.1	74.8	95.1
75	88.5	63.3	82.6	226	311	496	482	507	665	525	130	54.7	22.7	21.6	24.6	36.5	42.1	46.2	59.8
80	23.1	22.8	21.9	22.7	23.7	47.4	63.9	49.6	95.0	62.1	30.4	15.5	6.52	7.05	9.71	7.53	5.16	4.15	10.6
85	2.38	3.54	2.42	2.71	3.36	3.90	3.86	4.61	5.41	5.73	5.94	4.69	3.23	2.73	2.64	2.55	2.55	2.45	1.04
90	2.30	2.46	1.98	2.02	2.41	3.01	3.22	3.41	4.61	4.35	4.72	4.35	3.58	2.91	3.04	3.02	2.91	2.88	1.54
95	2.96	2.85	2.12	2.03	2.77	2.69	3.53	3.89	5.19	4.96	4.97	4.43	4.02	3.68	3.89	3.66	3.58	3.53	2.71
100	2.69	2.64	2.29	2.17	2.48	2.85	3.70	4.49	5.53	5.70	5.52	5.11	4.75	4.28	4.35	4.41	4.32	4.10	3.33
105	2.87	2.63	2.52	2.43	2.73	3.11	3.96	5.12	5.85	6.18	6.06	5.77	5.38	4.93	4.88	5.02	5.07	4.69	4.06
110	3.18	2.78	2.84	2.75	3.04	3.32	4.35	5.45	6.17	6.62	6.51	6.42	5.93	5.56	5.49	5.69	5.79	5.45	4.79
115	3.36	3.10	3.11	3.06	3.31	3.71	4.67	5.67	6.61	6.94	6.82	6.87	6.53	6.30	6.18	6.37	6.47	6.34	5.66
120	3.51	3.45	3.43	3.49	3.76	4.19	5.04	5.88	6.79	7.20	7.19	7.19	6.93	6.87	6.78	6.92	6.86	6.94	6.30
125	3.85	3.84	3.84	3.95	4.07	4.48	5.28	6.01	6.97	7.42	7.37	7.13	7.10	6.98	6.98	7.23	7.16	7.37	6.56
130	4.38	4.31	4.03	4.13	4.45	4.64	5.27	5.51	6.79	7.28	6.91	6.57	6.84	6.88	6.92	7.06	6.91	7.19	6.86
135	4.27	4.29	4.23	4.42	4.62	4.76	5.22	5.21	6.27	6.45	6.41	6.27	6.47	6.57	6.62	6.70	6.65	6.87	6.50
140	4.52	4.53	4.48	4.51	4.69	4.74	5.05	5.11	6.18	6.17	6.10	5.96	5.76	6.05	6.16	6.04	6.28	6.44	6.24
145	4.61	4.60	4.44	4.28	4.42	4.57	4.30	4.77	6.01	5.75	5.48	5.35	5.08	5.23	5.40	5.24	5.49	5.67	5.84
150	4.34	4.30	4.17	4.01	3.88	3.75	3.80	4.14	5.23	4.96	4.65	4.54	4.46	4.20	4.23	4.63	4.73	4.75	5.23
155	3.98	3.95	3.84	3.48	2.84	2.74	3.11	3.50	4.48	4.27	3.98	3.88	3.51	3.34	3.31	3.33	3.68	3.98	4.68
160	2.73	2.67	2.53	2.72	2.64	2.61	2.67	2.64	3.95	3.41	2.87	2.90	2.93	2.94	2.90	2.90	2.90	2.92	3.21
165	2.50	2.56	2.59	2.61	2.60	2.55	2.55	2.51	4.91	3.63	2.76	2.76	2.78	2.81	2.83	2.95	3.00	3.05	3.20
170	2.66	2.62	2.63	2.60	2.57	2.55	2.54	2.57	4.09	4.15	2.79	2.80	2.73	2.67	2.75	2.76	2.74	2.69	2.98
175	2.52	2.56	2.61	2.62	2.62	2.64	2.65	2.67	2.86	3.04	2.81	2.67	2.64	2.62	2.59	2.57	2.54	2.56	2.73
180	2.58	2.62	2.68	2.74	2.74	2.71	2.70	2.71	2.75	2.62	2.60	2.58	2.60	2.61	2.62	2.59	2.53	2.52	2.59

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.7DEG  
Operators: 07  
Test Date: 2018-10-25

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.286  
Humidity: 51.0%  
Test Distance: 6.325m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.2349A P:28.07W PF:0.9942 Lamp Flux:3027.36x1 lm		
NAME: PAVUILLION POST TOP	TYPE:POST TOP	WEIGHT:
SPEC.:2002/1000WHQI	DIM.:	SERIAL No.:
MFR.: Above All Lighting	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	92.4	95.4	89.6	90.8	110	141	120	123	111	112	106	108	92.7	84.1	97.5	99.3	106		
5	66.3	101	84.7	163	179	221	199	190	218	206	200	202	216	186	186	175	126		
10	296	305	337	277	272	268	199	244	262	249	237	233	243	216	166	233	202		
15	229	367	377	366	472	452	340	368	397	389	367	372	387	396	423	473	494		
20	173	180	214	306	357	424	427	503	548	578	531	494	509	640	475	497	234		
25	406	427	416	344	246	426	481	614	664	708	676	569	522	414	319	336	323		
30	519	545	512	456	412	382	494	630	692	713	713	562	522	524	675	706	909		
35	504	490	481	517	534	472	541	686	770	752	756	632	640	753	912	943	951		
40	487	460	449	492	519	508	649	767	886	919	919	805	776	924	961	993	1026		
45	470	436	429	471	502	558	714	875	959	985	991	879	851	977	1022	1077	1111		
50	460	409	413	450	472	539	733	940	1034	1016	987	895	822	955	1008	1077	1154		
55	410	352	365	417	440	502	766	1039	1186	1105	1020	912	836	970	994	1070	1162		
60	327	275	277	305	341	440	740	1143	1414	1291	1142	1001	901	1013	991	1015	1049		
65	185	158	178	179	181	292	583	1030	1368	1308	1201	1100	978	1080	968	817	716		
70	87.1	77.4	70.9	73.0	81.4	90.2	287	650	951	834	831	956	976	1033	699	626	636		
75	53.6	48.2	38.8	30.2	26.8	37.4	80.5	212	570	667	565	659	540	499	414	228	166		
80	13.7	18.2	17.3	15.3	9.63	8.85	24.8	49.7	177	234	82.2	105	139	51.5	36.6	38.8	42.4		
85	2.44	2.49	2.51	2.26	2.23	2.55	2.91	4.16	3.59	6.19	7.18	5.03	6.57	7.66	5.16	3.34	3.87		
90	2.66	2.66	2.66	2.20	2.15	2.55	2.83	3.22	2.73	3.20	2.79	3.29	3.20	3.14	3.16	2.43	3.49		
95	3.10	3.04	3.03	2.75	2.85	3.18	3.61	4.35	3.90	3.51	3.14	2.89	2.63	2.43	2.72	2.45	3.23		
100	3.54	3.63	3.68	3.44	3.67	4.00	4.29	5.37	4.79	4.21	3.53	2.95	2.72	2.41	2.58	2.68	2.82		
105	4.10	4.34	4.35	4.14	4.41	4.74	5.00	5.20	5.04	4.54	3.68	2.99	2.57	2.36	2.39	2.74	2.68		
110	4.67	5.01	4.94	4.72	5.05	5.39	5.70	5.53	5.23	4.70	4.18	3.26	2.54	2.45	2.37	2.53	2.40		
115	5.44	5.67	5.51	5.31	5.70	6.00	6.26	6.09	5.72	5.09	4.60	3.66	2.84	2.62	2.55	2.62	2.49		
120	6.02	6.09	5.98	5.87	6.34	6.48	6.62	6.56	6.15	5.42	4.96	4.07	3.26	2.93	2.74	2.79	2.94		
125	6.38	6.44	6.42	6.22	6.54	6.66	6.68	6.80	6.38	5.60	5.18	4.54	3.73	3.41	3.14	3.03	3.36		
130	6.56	6.36	6.46	6.33	6.54	6.48	6.36	6.87	6.53	5.73	5.20	4.80	4.12	3.81	3.50	3.34	4.09		
135	6.42	6.23	6.40	6.23	6.38	6.33	6.17	6.42	6.17	5.54	4.98	4.91	4.36	4.11	3.85	3.51	4.03		
140	6.18	5.92	5.94	5.89	5.93	5.98	6.09	6.28	6.06	5.53	4.91	4.89	4.46	4.24	3.93	3.94	4.19		
145	5.69	5.38	5.08	5.50	5.34	5.47	5.83	6.07	5.89	5.48	4.80	4.41	4.43	4.12	3.77	4.11	4.29		
150	5.09	4.85	4.67	4.57	4.76	5.01	5.20	5.37	5.26	4.99	4.46	3.98	4.03	3.60	3.67	3.94	4.12		
155	4.57	4.25	3.74	3.54	3.63	4.30	4.57	4.69	4.56	4.38	4.03	3.43	2.60	2.95	3.54	3.73	3.89		
160	3.22	3.20	3.22	3.24	3.20	3.13	3.08	3.25	3.23	3.04	2.74	2.61	2.51	2.39	2.33	2.74	3.07		
165	3.16	3.13	3.07	3.00	2.91	2.82	2.78	2.80	2.78	2.70	2.61	2.53	2.46	2.38	2.34	2.36	2.30		
170	3.05	3.07	3.04	2.96	2.82	2.69	2.58	2.54	2.60	2.64	2.57	2.46	2.41	2.37	2.34	2.35	2.36		
175	2.77	2.78	2.78	2.77	2.69	2.64	2.57	2.56	2.53	2.53	2.57	2.57	2.52	2.43	2.38	2.38	2.36		
180	2.62	2.68	2.75	2.74	2.71	2.71	2.77	2.71	2.70	2.66	2.58	2.58	2.61	2.62	2.55	2.53	2.51		

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.7DEG  
Operators:07  
Test Date:2018-10-25

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.286  
Humidity:51.0%  
Test Distance:6.325m [K=1.0000]  
Remarks: