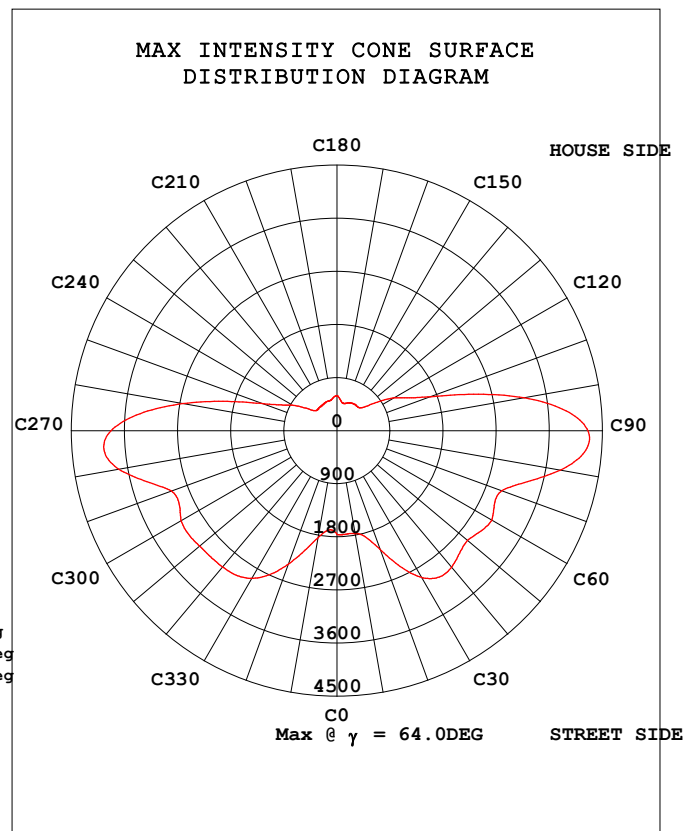
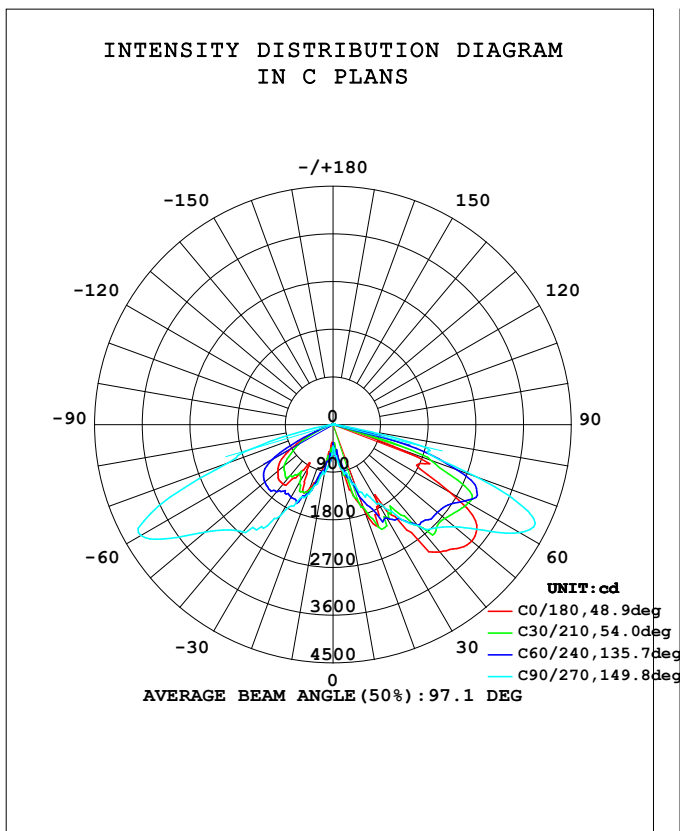


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.9V I:0.6231A P:74.63W PF:0.9985 Lamp Flux:8555.46x1 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: 114.64 lm/W			
MODEL	PPT75401-IV	Imax (cd)	4253	$\eta$ street_up (%)	0.4
NOMINAL POWER(W)	75	LOR (%)	100.0	$\eta$ street_down (%)	68.7
RATED VOLTAGE (V)	120	TOTAL FLUX(lm)	8555	$\eta$ house_up (%)	0.5
NOMINAL FLUX(lm)	8555.46	MAXIMUM @ (C, $\gamma$ )	90,64.0	$\eta$ house_down (%)	30.4
LAMPS INSIDE	1	$\eta$ up (%)	0.9	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE (V)	120	$\eta$ down (%)	99.1	SLI	17.588



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.7DEG  
Operators:07  
Test Date:2018-09-04

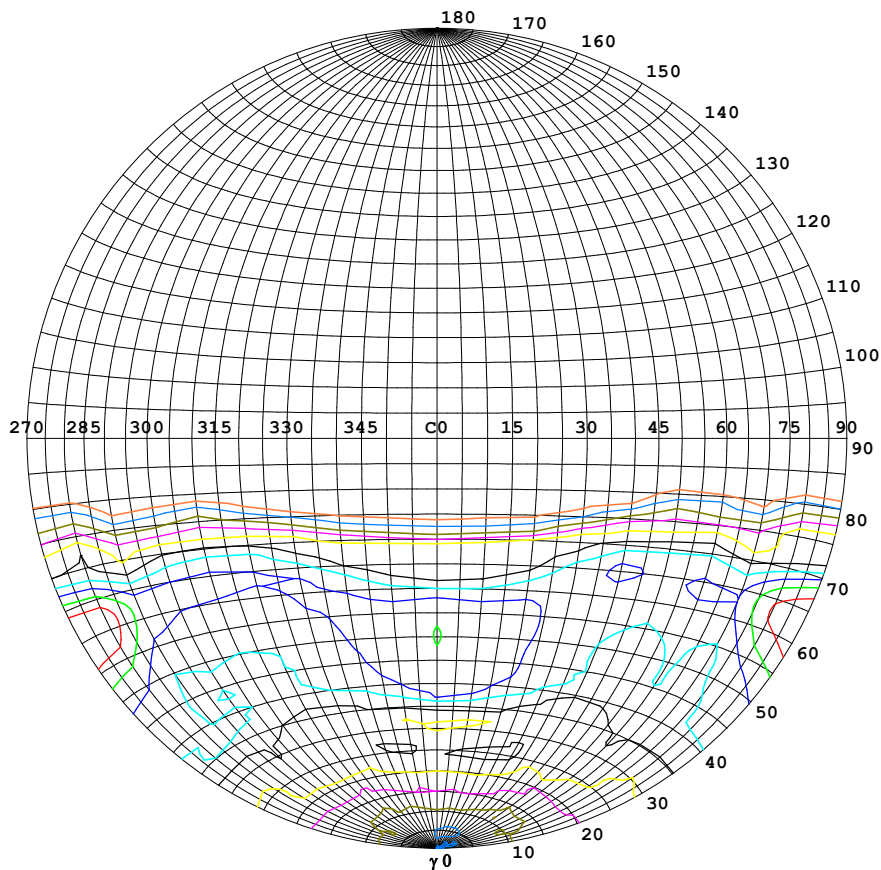
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.286  
Humidity:51.0%  
Test Distance:6.325m [K=1.0000]  
Remarks:

Note: SLI:Specific Luminaire Index

C:\Documents and Settings\Administrator\桌面\2018年测试数据\PPT75401-IV.GOS

## STREETLIGHT ISOCANDELA DIAGRAM

Test:U:119.9V I:0.6231A P:74.63W PF:0.9985 Lamp Flux:8555.46x1 lm		
NAME: PAVUILLION POST TOP	TYPE:POST TOP	WEIGHT:
SPEC.:2002/1000WHQI	DIM.:	SERIAL No.:
MFR.: Above All Lighting	SUR.:	PROTECTION ANGLE:



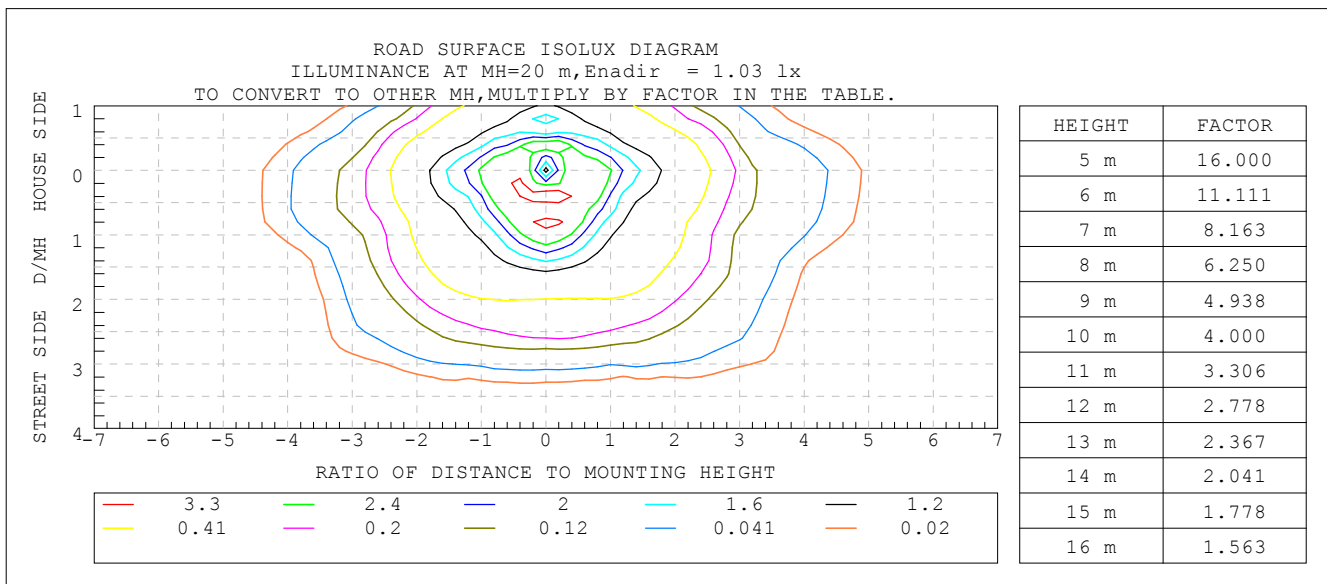
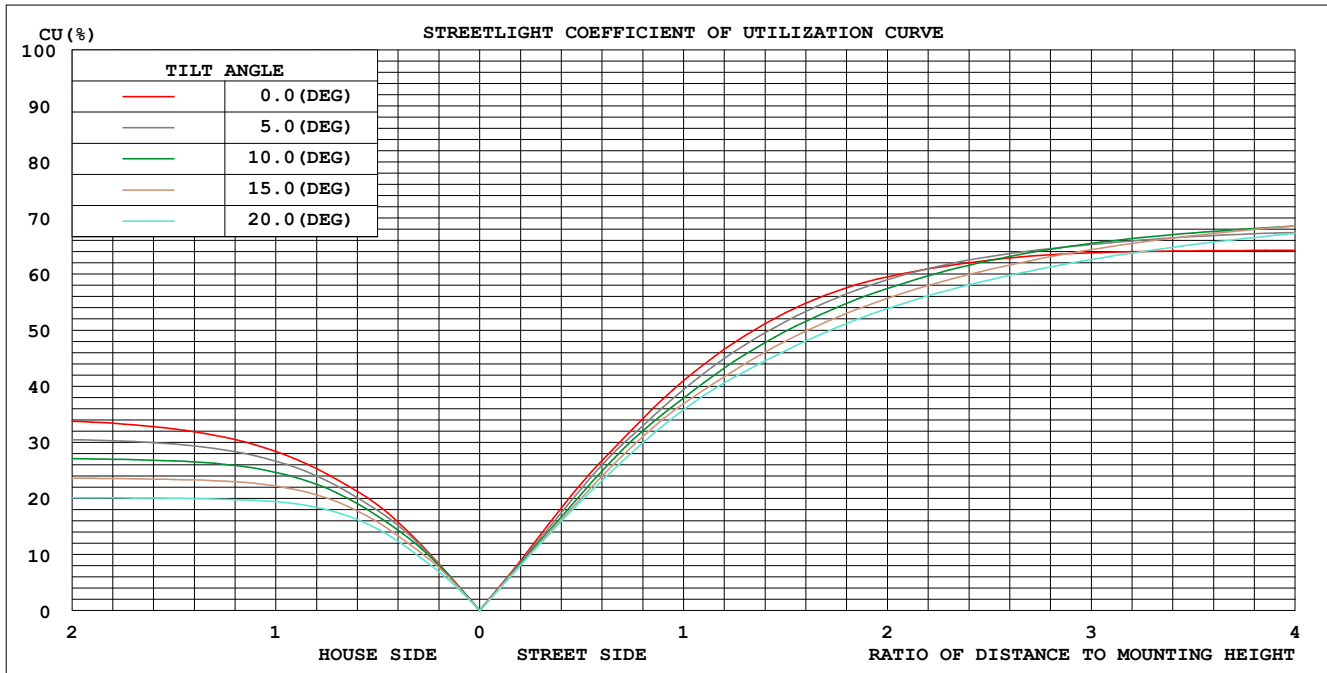
## Classification:

IES:Type III - Very Short  
 CIE:Narrow - Intermediate  
 IES:Cut-off  
 CIE:Semi-cut-off  
 Max.At80:57.80cd/klm  
 Max.At90:1.271cd/klm  
 Max.80-90:57.80cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4253
90%	3828
80%	3402
70%	2977
60%	2552
50%	2126
40%	1701
30%	1276
20%	851
10%	425
5%	213

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.7DEG  
 Operators:07  
 Test Date:2018-09-04

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:

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: 2018-09-04

$\gamma$  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:119.9V I:0.6231A P:74.63W PF:0.9985 Lamp Flux:8555.46x1 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	828.6	660.8	818.6	640.3	704.2	764.1	949.5	791.2	0- 10	58.87	58.87	0.69,0.69
20	1700	1399	1221	1273	1261	1339	1402	1552	10- 20	313.8	372.6	4.36,4.36
30	1607	2012	1720	1388	995.9	1365	1994	2017	20- 30	755.7	1128	13.2,13.2
40	3140	2255	2490	1280	1471	1301	2645	2422	30- 40	1154	2282	26.7,26.7
50	3422	2470	3007	1325	1358	1301	3158	2555	40- 50	1692	3975	46.5,46.5
60	2542	2762	4077	896.6	945.6	837.3	4185	2897	50- 60	2034	6009	70.2,70.2
70	1215	2376	2898	222.3	257.3	188.3	2108	2139	60- 70	1841	7849	91.7,91.7
80	77.69	193.0	432.7	42.03	74.50	30.07	225.0	71.52	70- 80	601.9	8451	98.8,98.8
90	4.304	4.893	6.696	9.664	5.394	6.101	6.292	4.678	80- 90	27.94	8479	99.1,99.1
100	6.954	6.135	14.05	11.40	10.52	10.48	13.27	5.713	90-100	9.153	8488	99.2,99.2
110	9.074	8.825	17.44	15.29	14.97	14.24	16.99	8.316	100-110	12.34	8501	99.4,99.4
120	11.81	11.68	18.38	18.08	18.75	17.13	17.67	11.09	110-120	14.26	8515	99.5,99.5
130	11.99	12.82	17.43	18.20	17.82	17.46	16.92	12.17	120-130	14.01	8529	99.7,99.7
140	11.93	12.74	15.70	16.44	16.90	15.82	15.75	12.12	130-140	11.36	8540	99.8,99.8
150	9.168	9.470	11.94	12.00	13.70	11.25	11.90	8.691	140-150	7.880	8548	99.9,99.9
160	6.460	6.803	9.232	8.582	10.21	9.134	8.513	6.772	150-160	4.469	8553	100,100
170	6.884	7.122	7.965	7.658	8.518	8.064	7.991	6.966	160-170	2.185	8555	100,100
180	8.200	8.066	8.003	7.851	8.214	8.068	7.995	7.847	170-180	0.7386	8555	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:2018-09-04

$\gamma$  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:119.9V I:0.6231A P:74.63W PF:0.9985 Lamp Flux:8555.46x1 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):

6008.7 lm

%lum = 70.2%

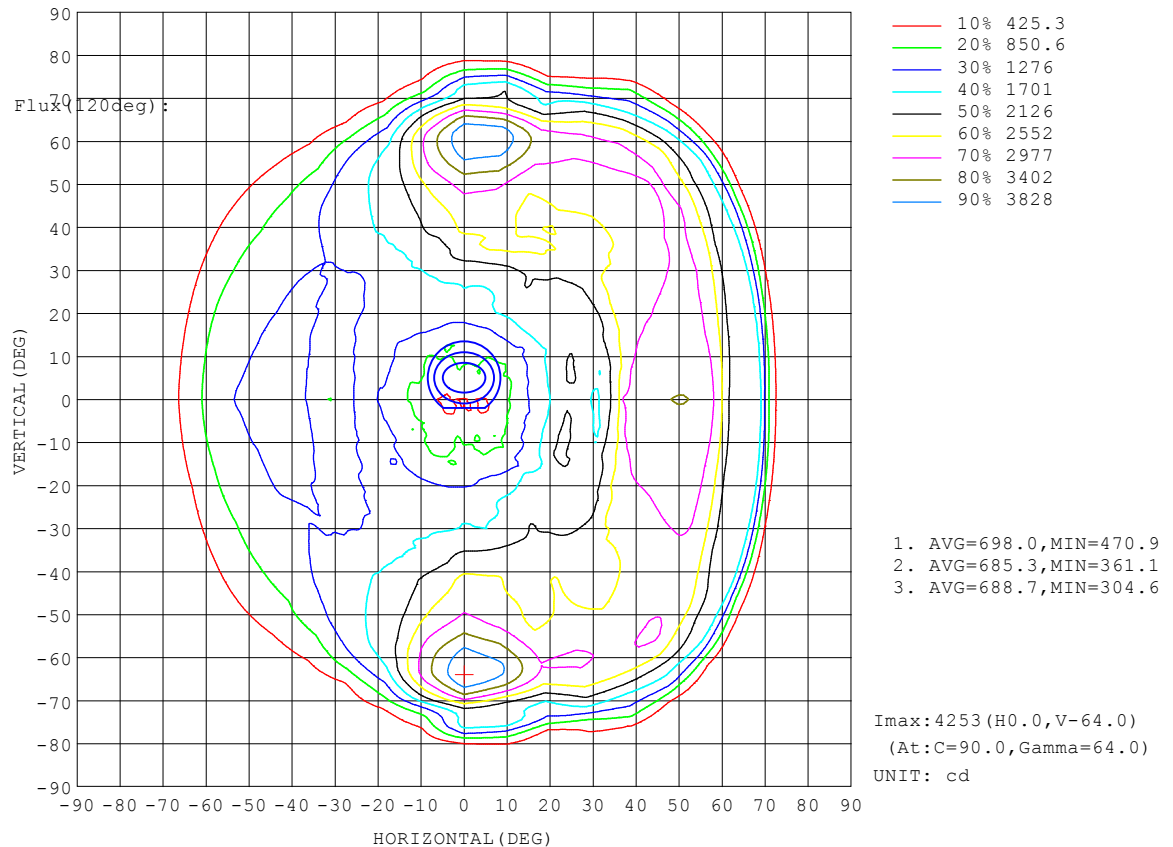
%lamp = 70.2%

Conical surface Flux(120deg):

6008.7 lm

%lum = 70.2%

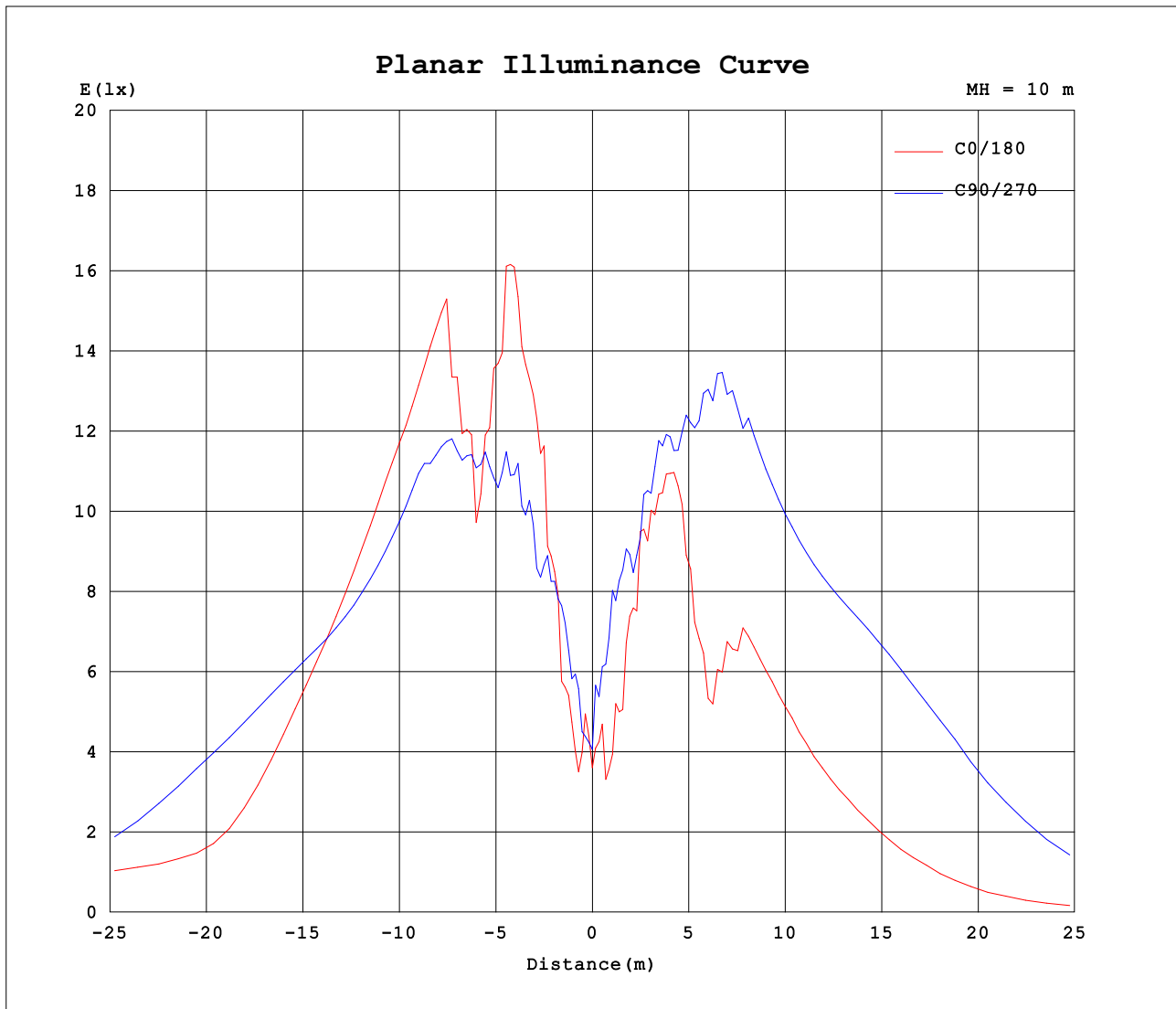
%lamp = 70.2%



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.7DEG  
Operators:07  
Test Date:2018-09-04

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:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.7DEG  
Operators: 07  
Test Date: 2018-09-04

$\gamma$  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:119.9V I:0.6231A P:74.63W PF:0.9985 Lamp Flux:8555.46x1 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	361	377	380	469	466	451	450	431	412	407	408	410	409	420	418	440	446	461	361
5	406	414	402	344	413	641	613	549	458	601	571	631	455	491	410	363	395	377	361
10	829	699	701	690	659	663	701	893	821	819	929	666	736	638	642	660	791	767	704
15	1270	1261	1308	1032	1073	869	1014	881	965	927	811	897	883	938	935	1104	1135	1032	1060
20	1700	1707	1740	1648	1519	1280	1427	1378	1294	1221	1201	1227	1253	1252	1295	1287	1304	1339	1261
25	1875	2201	2179	2180	1785	1872	1763	1729	1547	1473	1457	1573	1626	1449	1341	1475	1439	1285	1367
30	1607	1834	1885	2025	2050	1975	2043	1915	1694	1720	1649	1646	1567	1410	1365	1231	1104	911	996
35	2429	2372	2167	1876	1953	1969	2154	2100	2029	2094	1847	1724	1529	1321	1179	1018	1122	1235	1228
40	3140	3063	2909	2487	2240	2271	2477	2502	2511	2490	2141	1866	1563	1351	1209	1202	1351	1406	1471
45	3310	3161	3021	2763	2543	2372	2538	2436	2614	2755	2381	1966	1722	1394	1316	1254	1310	1361	1455
50	3422	3232	3082	2758	2545	2395	2576	2465	2782	3007	2596	1977	1701	1377	1273	1203	1216	1262	1358
55	3314	3148	3060	2857	2643	2511	2650	2530	3151	3483	2920	1992	1644	1313	1124	1000	1013	1096	1220
60	2542	2574	2831	2954	2842	2682	2880	2860	3697	4077	3230	1939	1482	1001	792	743	754	807	946
65	1774	1724	1968	2751	3052	2913	2996	2916	3756	4175	3104	1572	979	574	460	461	432	426	532
70	1215	1418	1763	1958	2342	2410	2492	1978	2366	2898	1961	872	298	247	198	186	197	212	257
75	147	179	188	402	1026	1358	1313	1209	2000	1897	628	226	128	87.9	92.4	104	107	115	134
80	77.7	74.8	64.7	64.0	80.7	305	251	135	494	433	146	65.4	53.1	47.2	36.9	36.3	49.7	68.1	74.5
85	5.76	8.00	8.45	11.3	10.1	12.3	26.1	20.1	17.9	21.5	16.4	15.1	15.3	8.97	9.81	11.2	9.61	9.64	5.67
90	4.30	5.52	5.47	5.30	4.72	5.06	6.53	8.12	9.11	6.70	9.91	9.68	9.36	9.13	10.2	10.9	10.5	8.99	5.39
95	6.07	6.29	5.99	5.65	5.08	5.34	7.25	9.35	11.2	10.7	11.9	11.4	10.4	9.33	9.01	9.84	10.3	10.4	8.37
100	6.95	6.76	6.58	6.24	5.87	6.40	8.49	11.1	13.3	14.0	14.5	14.0	12.8	11.5	11.3	11.9	12.2	12.2	10.5
105	7.90	7.43	7.38	7.08	6.99	7.78	10.1	13.0	15.0	16.0	16.4	16.2	15.0	13.7	13.6	14.1	14.5	14.4	12.8
110	9.07	8.24	8.41	8.15	8.33	9.32	11.8	14.7	15.9	17.4	17.4	17.9	16.5	15.3	15.3	15.8	16.4	16.1	15.0
115	10.4	9.38	9.66	9.42	9.70	10.8	13.2	15.9	16.4	18.2	18.4	19.1	17.8	16.6	16.6	17.0	17.7	17.4	17.1
120	11.8	10.8	10.9	10.8	11.1	12.2	14.4	16.6	15.7	18.4	19.4	19.8	19.0	18.2	17.9	18.4	19.0	18.8	18.8
125	12.1	11.4	11.5	11.9	11.9	13.0	15.1	16.5	15.6	18.9	18.9	20.0	19.6	18.6	18.4	18.8	19.2	18.8	19.5
130	12.0	11.2	10.6	11.7	12.4	13.3	14.2	14.5	14.5	17.4	17.2	17.9	18.3	18.2	18.2	18.1	17.1	17.3	17.8
135	12.1	11.4	10.4	12.1	12.8	13.4	13.6	13.1	14.9	16.5	16.0	16.3	17.4	17.8	17.6	17.5	16.0	16.8	17.4
140	11.9	11.1	10.8	11.3	12.7	12.8	12.8	12.3	14.6	15.7	15.5	15.7	15.6	16.5	16.3	15.9	15.1	15.8	16.9
145	10.3	10.6	10.1	9.86	11.3	11.7	10.6	11.5	13.6	14.5	14.6	14.2	13.2	14.3	14.8	13.2	13.2	13.8	15.7
150	9.17	9.84	9.42	9.41	9.59	9.35	9.48	10.2	11.2	11.9	12.5	12.0	11.8	11.8	12.2	11.6	11.8	12.1	13.7
155	8.60	9.14	8.79	8.26	7.18	7.50	8.61	9.59	10.5	11.5	11.5	11.2	11.3	10.1	9.29	9.89	10.5	10.9	12.7
160	6.46	6.57	6.56	6.62	6.71	6.89	7.27	7.76	8.44	9.23	9.33	8.97	8.76	8.65	8.52	8.55	8.58	8.63	10.2
165	6.39	6.47	6.48	6.56	6.68	6.93	7.23	7.51	7.78	8.07	8.21	8.19	8.10	7.92	7.82	7.76	7.74	7.74	8.99
170	6.88	6.93	6.92	6.94	7.04	7.21	7.35	7.54	7.75	7.97	7.97	7.88	7.78	7.69	7.62	7.63	7.69	7.81	8.52
175	7.64	7.60	7.51	7.54	7.58	7.65	7.75	7.84	7.89	7.96	7.92	7.85	7.79	7.80	7.88	7.99	8.02	8.03	8.44
180	8.20	8.09	8.02	8.04	8.05	8.08	8.03	8.03	8.03	8.00	7.93	7.84	7.82	7.84	7.86	7.82	7.79	7.78	8.21

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.7DEG  
Operators: 07  
Test Date: 2018-09-04

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:119.9V I:0.6231A P:74.63W PF:0.9985 Lamp Flux:8555.46x1 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	377	380	469	466	451	450	431	412	407	408	410	409	420	418	440	446	461		
5	439	470	497	529	541	606	747	723	693	699	666	699	744	654	497	458	497		
10	796	690	624	789	739	719	762	973	950	942	972	774	733	849	818	709	692		
15	1122	1111	1123	951	1034	950	1091	1079	1157	1158	1095	1097	1023	1151	1051	1122	1324		
20	1280	1328	1321	1266	1413	1388	1396	1391	1402	1452	1558	1513	1527	1577	1578	1660	1727		
25	1427	1449	1397	1395	1500	1642	1576	1479	1610	1597	1754	1930	1993	1877	1961	2111	2184		
30	1107	1161	1273	1369	1361	1596	1643	1827	1994	1902	1886	2149	2011	2023	1966	1954	1888		
35	1249	1126	1129	1167	1323	1581	1765	1954	2350	2544	2467	2329	2121	1983	1959	2158	2142		
40	1415	1351	1259	1226	1377	1659	1917	2273	2645	2661	2539	2590	2512	2333	2561	2830	2979		
45	1364	1301	1290	1265	1432	1718	1940	2420	2813	2757	2490	2546	2490	2489	2756	2947	3130		
50	1270	1208	1201	1213	1390	1683	1971	2653	3158	3026	2560	2579	2548	2562	2793	3021	3189		
55	1117	1038	987	1087	1278	1605	1954	2992	3747	3586	2866	2746	2709	2659	2921	3046	3106		
60	880	804	763	776	899	1346	1761	3108	4185	4079	3191	2993	2939	2855	3044	2945	2666		
65	476	445	436	435	463	738	1194	2467	3636	3539	2776	2977	3015	2970	2760	2110	1738		
70	225	205	183	174	203	259	476	1222	2108	2173	1646	2078	2181	2098	1850	1573	1453		
75	129	114	97.0	88.2	78.6	92.1	137	400	1245	1428	649	771	1045	689	385	198	167		
80	73.7	56.4	40.3	31.1	29.0	34.5	31.1	65.3	225	234	65.3	75.8	86.3	56.7	46.6	53.6	67.4		
85	9.25	8.58	7.77	6.97	6.28	7.08	7.83	8.40	6.60	9.05	8.82	8.81	7.90	7.32	8.19	8.42	8.53		
90	8.29	7.97	7.35	6.39	5.81	6.83	7.42	7.60	6.29	7.53	7.00	6.17	5.04	4.32	4.86	5.21	5.37		
95	9.27	9.11	8.94	8.15	7.98	8.90	9.92	10.6	10.6	10.2	8.73	6.87	5.23	4.61	5.11	5.46	5.81		
100	10.6	10.8	10.9	10.5	10.5	11.4	12.6	13.3	13.3	12.3	10.6	8.07	6.12	5.30	5.60	5.89	6.17		
105	12.4	13.0	12.9	12.7	12.7	13.5	14.8	15.2	15.5	14.4	12.6	9.66	7.42	6.40	6.35	6.57	6.69		
110	14.0	14.8	14.6	14.3	14.2	15.0	16.5	16.4	17.0	15.9	14.3	11.4	8.86	7.77	7.48	7.63	7.40		
115	15.9	16.2	15.8	15.7	15.6	16.3	17.7	17.4	17.2	15.9	15.2	12.7	10.3	9.10	8.78	8.90	8.47		
120	18.0	17.8	17.4	17.2	17.0	17.7	18.6	18.4	17.7	15.6	15.6	13.8	11.6	10.5	10.1	10.1	10.0		
125	18.7	17.6	17.5	17.4	17.4	17.8	18.5	17.5	17.7	14.6	15.0	13.7	12.2	11.3	10.9	10.4	10.8		
130	17.5	16.0	17.1	17.6	17.3	17.4	16.8	16.3	16.9	14.0	13.4	13.5	12.6	11.8	10.9	9.57	10.8		
135	17.2	15.8	16.2	17.1	17.2	17.0	16.2	16.1	16.5	14.8	13.0	13.1	12.9	12.3	10.9	9.75	11.4		
140	16.5	15.2	14.7	15.6	16.0	15.2	15.5	15.6	15.8	14.7	12.5	12.4	12.6	11.6	10.2	9.87	11.7		
145	15.3	13.7	13.1	13.1	13.8	13.1	13.5	14.1	13.9	13.1	11.1	10.4	11.0	10.3	9.17	9.26	10.1		
150	13.5	12.3	11.9	11.4	11.1	11.6	11.9	12.1	11.9	11.4	9.90	9.35	8.74	8.65	8.79	8.92	8.92		
155	12.1	11.5	10.7	9.83	9.71	10.0	10.3	10.5	10.1	9.64	8.81	7.90	7.19	7.11	7.96	8.33	9.09		
160	9.83	9.61	9.36	9.19	9.08	9.00	8.93	8.76	8.51	8.08	7.67	7.21	6.89	6.65	6.61	6.61	6.75		
165	8.74	8.66	8.57	8.47	8.38	8.37	8.35	8.26	8.07	7.71	7.41	7.12	6.80	6.61	6.49	6.52	6.55		
170	8.27	8.19	8.14	8.07	8.05	8.08	8.14	8.08	7.99	7.79	7.51	7.29	7.06	6.87	6.71	6.74	6.78		
175	8.24	8.20	8.17	8.16	8.08	8.08	8.12	8.06	7.97	7.84	7.71	7.64	7.51	7.36	7.27	7.24	7.31		
180	8.08	8.04	8.04	8.06	8.08	8.05	8.03	8.05	8.00	7.93	7.83	7.81	7.84	7.86	7.82	7.79	7.79		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.7DEG

Operators:07

Test Date:2018-09-04

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: