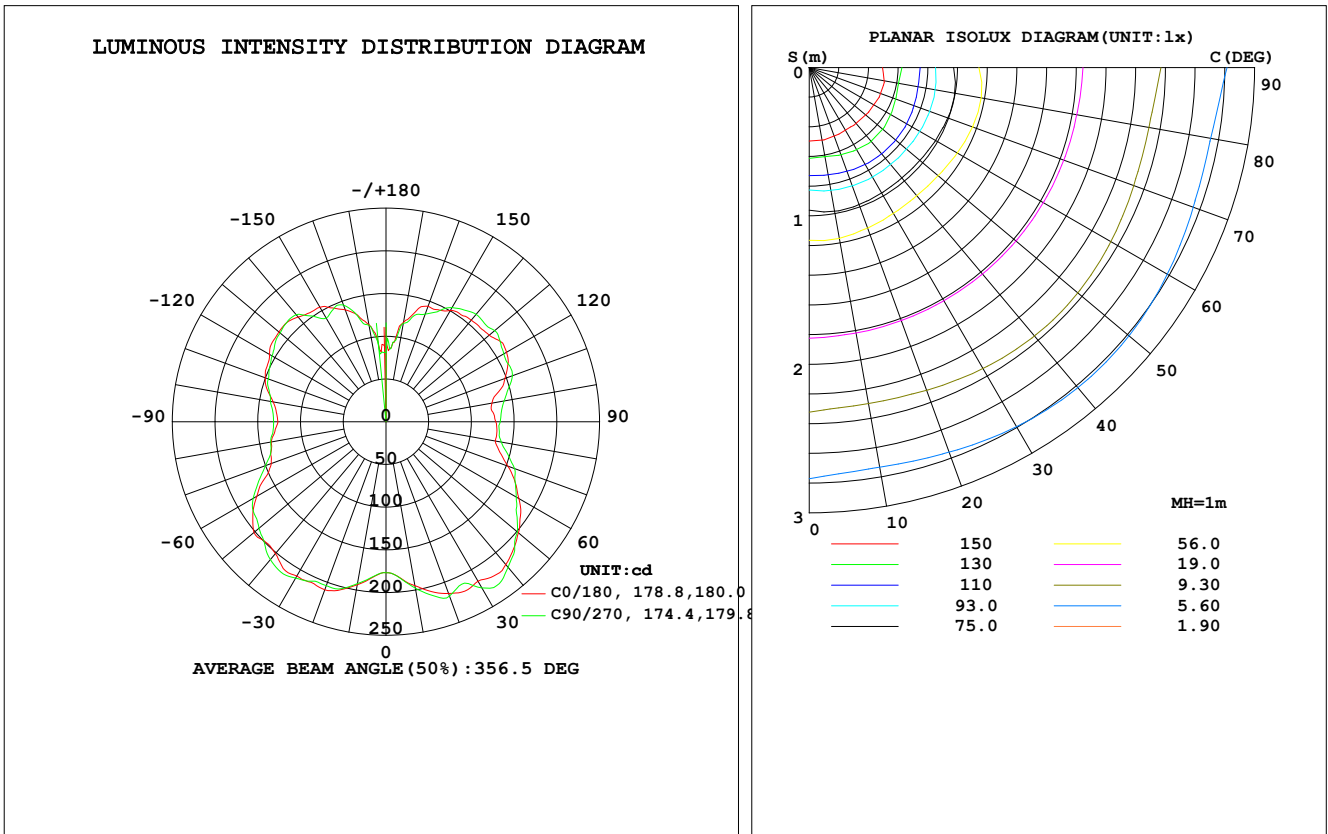


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.2459A P:28.36W PF:0.9610 Lamp Flux:2018.23x1 lm		
NAME:	TYPE:2STB-MCH-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.35*0.35*3014	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 71.17 lm/W			
MODEL	2STB-MCH-PC	I <sub>max</sub> (cd)	231.5	S/MH (C0/180)	1.81
NOMINAL POWER (W)	30	LOR (%)	100.0	S/MH (C90/270)	1.82
RATED VOLTAGE (V)	120.0	TOTAL FLUX (lm)	2018.2	η UP, DN (C0-180)	22.7, 26.6
NOMINAL FLUX (lm)	2018.23	CIE CLASS	DIFFUSE	η UP, DN (C180-360)	23.2, 27.5
LAMPS INSIDE	1	η up (%)	45.9	CIBSE SHR NOM	1.75
TEST VOLTAGE (V)	120.0	η down (%)	54.1	CIBSE SHR MAX	1.75



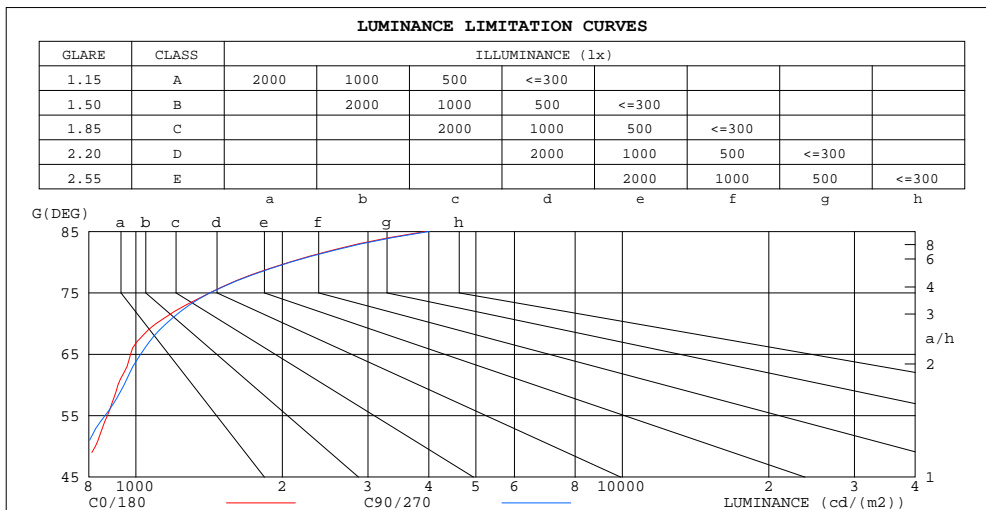
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 Operators: David  
 Test Date: 2015-05-18

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.287  
 Humidity: 67.1%  
 Test Distance: 2.455m [K=1.0000]  
 Remarks:

**ZONAL FLUX DIAGRAM  
AND LUMINANCE LIMITATION CURVES**

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	193.7	194.7	192.4	194.7	194.8	195.8	197.8	193.8	0- 10	17.87	17.87	0.89,0.89
20	209.3	212.9	204.2	207.4	214.0	209.7	217.2	208.7	10- 20	58.15	76.02	3.77,3.77
30	208.5	216.3	211.4	212.0	215.4	214.6	224.5	220.2	20- 30	97.85	173.9	8.62,8.62
40	201.5	212.9	210.5	206.2	218.1	206.4	222.3	220.6	30- 40	135.7	309.6	15.3,15.3
50	201.7	188.3	193.9	200.1	202.2	201.3	200.9	209.5	40- 50	160.1	469.7	23.3,23.3
60	174.5	170.8	179.6	172.3	179.6	180.9	176.2	181.4	50- 60	169.2	638.9	31.7,31.7
70	142.8	150.5	150.0	138.2	151.8	160.0	160.0	152.3	60- 70	162.5	801.4	39.7,39.7
80	136.5	136.2	137.1	124.5	130.0	139.1	137.0	132.3	70- 80	148.1	949.5	47,47
90	126.6	128.5	131.6	124.8	128.6	134.0	133.8	119.5	80- 90	142.1	1092	54.1,54.1
100	134.1	139.7	137.3	134.0	126.0	144.9	140.4	130.4	90-100	142.5	1234	61.1,61.1
110	150.5	145.3	146.7	151.7	148.1	154.2	157.5	148.6	100-110	151.5	1386	68.7,68.7
120	157.6	148.3	154.1	162.4	163.0	158.6	159.2	159.3	110-120	152.9	1538	76.2,76.2
130	163.7	150.2	161.7	165.3	157.9	168.7	166.2	161.3	120-130	144.0	1683	83.4,83.4
140	159.9	151.7	163.8	160.9	155.3	170.0	164.2	157.6	130-140	125.2	1808	89.6,89.6
150	154.7	141.2	140.1	151.2	150.4	151.0	154.5	152.3	140-150	97.40	1905	94.4,94.4
160	139.3	133.3	145.4	132.4	144.1	149.0	134.3	145.1	150-160	66.99	1972	97.7,97.7
170	115.4	105.7	114.5	113.9	118.1	119.1	117.0	118.6	160-170	36.63	2009	99.5,99.5
180	86.46	98.45	81.47	106.3	94.67	96.69	83.56	90.09	170-180	9.498	2018	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3945	4012
80	2069	2077
75	1417	1421
70	1099	1154
65	975	1023
60	919	945
55	874	864
50	826	794
45	741	748

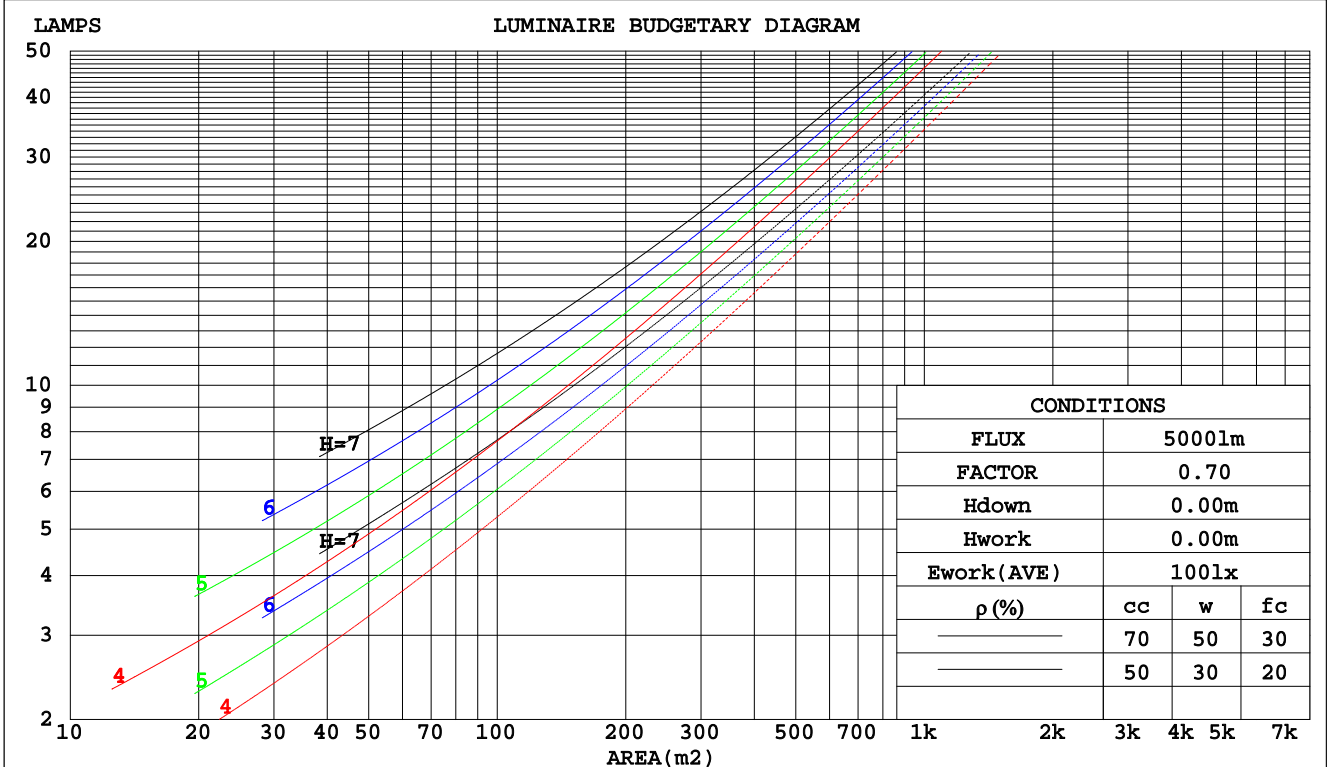
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.6DEG  
 Operators:David  
 Test Date:2015-05-18

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.287  
 Humidity:67.1%  
 Test Distance:2.455m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.2459A P:28.36W PF:0.9610 Lamp Flux:2018.23x1 lm		
NAME:	TYPE:2STB-MCH-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.35*0.35*3014	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.08	1.08	1.08	1.00	1.00	1.00	.86	.86	.86	.72	.72	.72	.60	.60	.60	.54
1.0	.90	.84	.80	.83	.78	.74	.70	.67	.63	.58	.56	.53	.48	.46	.44	.39
2.0	.76	.69	.63	.71	.64	.58	.60	.54	.50	.49	.46	.42	.40	.37	.35	.30
3.0	.66	.58	.51	.61	.53	.47	.52	.46	.41	.43	.38	.34	.35	.31	.28	.24
4.0	.58	.49	.42	.53	.45	.39	.45	.39	.34	.37	.32	.28	.30	.26	.23	.20
5.0	.51	.42	.35	.47	.39	.33	.40	.33	.28	.33	.28	.24	.27	.23	.20	.16
6.0	.46	.37	.30	.42	.34	.28	.36	.29	.24	.30	.25	.21	.24	.20	.17	.14
7.0	.41	.32	.26	.38	.30	.24	.32	.26	.21	.27	.22	.18	.22	.18	.15	.12
8.0	.37	.29	.23	.34	.27	.21	.29	.23	.18	.24	.19	.16	.20	.16	.13	.11
9.0	.34	.25	.20	.31	.24	.19	.27	.21	.16	.22	.17	.14	.18	.14	.12	.09
10.0	.31	.23	.18	.28	.21	.17	.24	.19	.15	.21	.16	.12	.17	.13	.10	.08



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.6DEG  
 Operators:David  
 Test Date:2015-05-18

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.287  
 Humidity:67.1%  
 Test Distance:2.455m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.2459A P:28.36W PF:0.9610 Lamp Flux:2018.23x1 lm		
NAME:	TYPE:2STB-MCH-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting昱	SUR.:0.35*0.35*3014	PROTECTION ANGLE:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.372	.212	.067	.351	.200	.064	.311	.179	.057	.275	.159	.051	.242	.140	.045	
2.0	.319	.175	.054	.300	.165	.051	.264	.147	.046	.231	.130	.041	.200	.113	.036	
3.0	.283	.151	.045	.266	.142	.043	.233	.126	.038	.202	.111	.034	.174	.096	.030	
4.0	.255	.132	.039	.239	.125	.037	.209	.111	.033	.181	.097	.029	.154	.084	.026	
5.0	.232	.118	.034	.217	.111	.032	.189	.099	.029	.163	.086	.026	.139	.074	.022	
6.0	.213	.107	.031	.199	.101	.029	.173	.089	.026	.149	.078	.023	.127	.067	.020	
7.0	.196	.097	.027	.184	.092	.026	.160	.081	.023	.138	.071	.021	.117	.061	.018	
8.0	.182	.089	.025	.170	.084	.024	.148	.074	.021	.128	.065	.019	.108	.056	.016	
9.0	.170	.082	.023	.159	.077	.022	.138	.068	.019	.119	.060	.017	.101	.051	.015	
10.0	.159	.076	.021	.149	.072	.020	.130	.064	.018	.112	.055	.016	.094	.047	.014	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.540	.540	.540	.462	.462	.462	.315	.315	.315	.181	.181	.181	.058	.058	.058	
1.0	.537	.508	.482	.460	.436	.415	.314	.300	.287	.181	.174	.167	.058	.056	.054	
2.0	.531	.487	.450	.455	.419	.389	.312	.290	.271	.180	.169	.159	.058	.055	.052	
3.0	.524	.471	.429	.449	.407	.372	.308	.283	.261	.178	.165	.154	.057	.054	.050	
4.0	.517	.460	.416	.443	.397	.361	.305	.277	.254	.176	.162	.151	.057	.053	.049	
5.0	.510	.450	.407	.438	.390	.354	.302	.272	.250	.175	.160	.148	.056	.052	.049	
6.0	.503	.443	.400	.432	.384	.348	.298	.269	.247	.173	.158	.147	.056	.052	.048	
7.0	.496	.437	.395	.427	.379	.345	.295	.266	.244	.171	.156	.145	.055	.051	.048	
8.0	.490	.432	.392	.422	.374	.342	.292	.263	.242	.170	.155	.144	.055	.051	.048	
9.0	.484	.427	.389	.417	.371	.339	.289	.261	.241	.168	.154	.144	.055	.051	.048	
10.0	.479	.423	.387	.413	.368	.337	.286	.259	.240	.167	.153	.143	.054	.050	.047	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.6DEG  
 Operators:David  
 Test Date:2015-05-18

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.287  
 Humidity:67.1%  
 Test Distance:2.455m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.2459A P:28.36W PF:0.9610 Lamp Flux:2018.23x1 lm										
NAME:					TYPE:2STB-MCH-PC			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: Blackjack Lighting					SUR.:0.35*0.35*3014			PROTECTION ANGLE:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	9.3	10.4	10.1	11.2	12.3	9.4	10.5	10.2	11.3	12.4
3H	11.7	12.6	12.5	13.5	14.6	11.8	12.8	12.7	13.7	14.8
4H	13.1	14.0	13.9	14.9	16.0	13.2	14.1	14.0	15.0	16.1
6H	14.8	15.6	15.7	16.5	17.7	14.8	15.7	15.7	16.6	17.7
8H	15.8	16.6	16.7	17.5	18.7	15.8	16.6	16.7	17.5	18.7
12H	16.9	17.7	17.8	18.6	19.8	17.0	17.8	17.9	18.7	19.8
4H 2H	10.1	11.0	10.9	11.9	13.0	10.1	11.0	11.0	11.9	13.0
3H	12.6	13.4	13.5	14.3	15.5	12.7	13.5	13.6	14.4	15.6
4H	14.2	14.9	15.1	15.8	17.0	14.2	14.9	15.1	15.9	17.1
6H	16.0	16.7	17.0	17.6	18.8	16.0	16.7	17.0	17.6	18.8
8H	17.1	17.7	18.1	18.7	19.9	17.1	17.7	18.1	18.7	19.9
12H	18.4	19.0	19.4	20.0	21.2	18.4	19.0	19.4	19.9	21.2
8H 4H	14.8	15.4	15.7	16.3	17.6	14.8	15.4	15.8	16.4	17.6
6H	16.9	17.4	17.9	18.4	19.7	16.9	17.4	17.9	18.4	19.6
8H	18.2	18.7	19.2	19.7	20.9	18.2	18.6	19.1	19.6	20.9
12H	19.7	20.1	20.7	21.1	22.4	19.6	20.0	20.6	21.0	22.3
12H 4H	14.9	15.5	15.9	16.4	17.7	15.0	15.5	15.9	16.5	17.7
6H	17.2	17.7	18.2	18.6	19.9	17.2	17.6	18.2	18.6	19.9
8H	18.6	19.0	19.6	20.0	21.3	18.6	19.0	19.5	20.0	21.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 2018 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.4)

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.6DEG  
 Operators:David  
 Test Date:2015-05-18

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.287  
 Humidity:67.1%  
 Test Distance:2.455m [K=1.0000]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.2459A P:28.36W PF:0.9610 Lamp Flux:2018.23x1 lm		
NAME:	TYPE:2STB-MCH-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.35*0.35*3014	PROTECTION ANGLE:

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	39	27	20	37	26	19	34	24	18	11
0.80	48	35	27	45	33	26	41	30	24	15
1.00	56	42	34	52	40	32	46	38	30	18
1.25	63	49	41	59	47	39	51	42	35	22
1.50	68	55	46	63	52	44	55	46	39	25
2.00	75	64	55	70	60	52	61	53	46	29
2.50	80	69	61	75	65	58	64	57	51	32
3.00	84	74	66	78	69	62	67	60	55	34
4.00	89	81	74	83	75	69	71	65	60	37
5.00	92	85	78	86	79	73	73	68	64	40
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.6DEG  
 Operators:David  
 Test Date:2015-05-18

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.287  
 Humidity:67.1%  
 Test Distance:2.455m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.2459A P:28.36W PF:0.9610 Lamp Flux:2018.23x1 lm		
NAME:	TYPE:2STB-MCH-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.35*0.35*3014	PROTECTION ANGLE:

Conical surface Flux(90deg):

387.38 lm

%lum = 19.2%

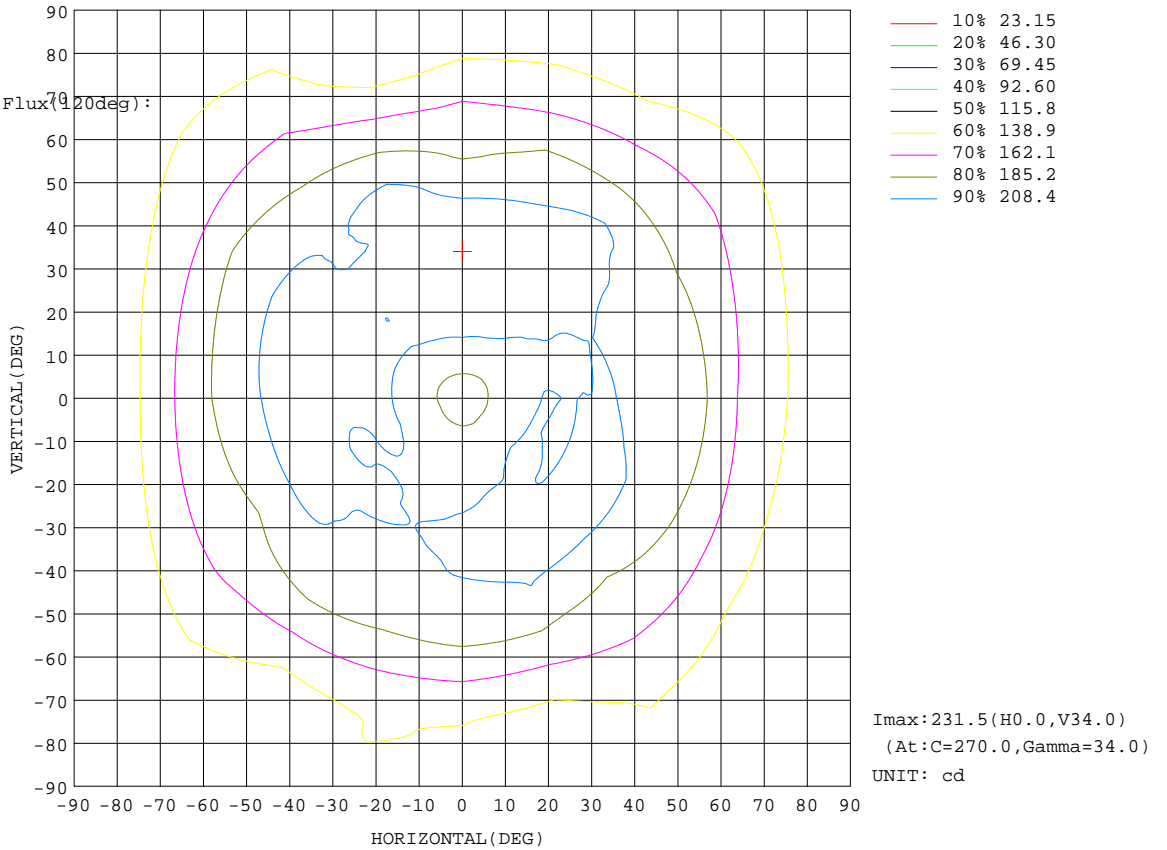
%lamp = 19.2%

Conical surface Flux(70deg):

638.9 lm

%lum = 31.7%

%lamp = 31.7%

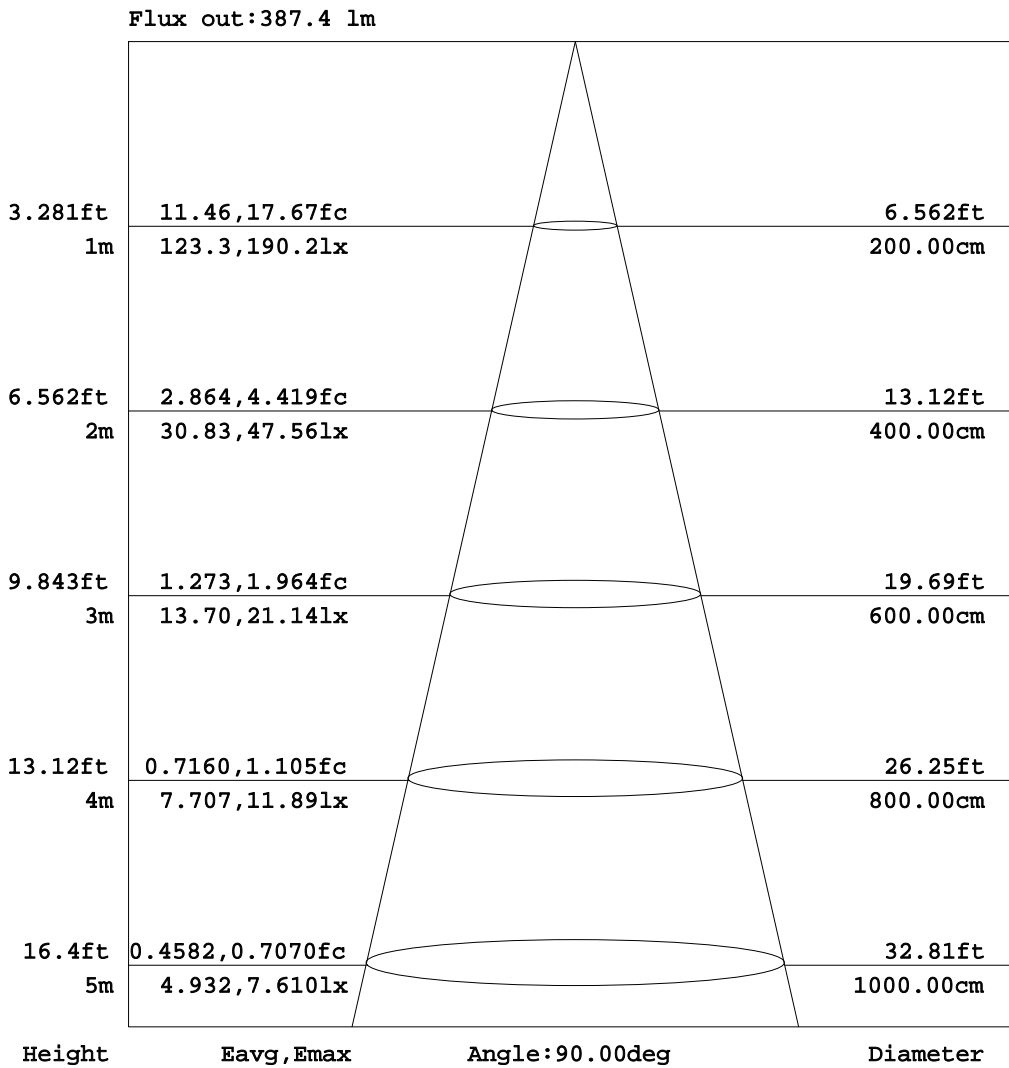


C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.6DEG  
 Operators:David  
 Test Date:2015-05-18

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.287  
 Humidity:67.1%  
 Test Distance:2.455m [K=1.0000]  
 Remarks:

AAI Figure

Test:U:120.0V I:0.2459A P:28.36W PF:0.9610 Lamp Flux:2018.23x1 lm		
NAME:	TYPE:2STB-MCH-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.35*0.35*3014	PROTECTION ANGLE:



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

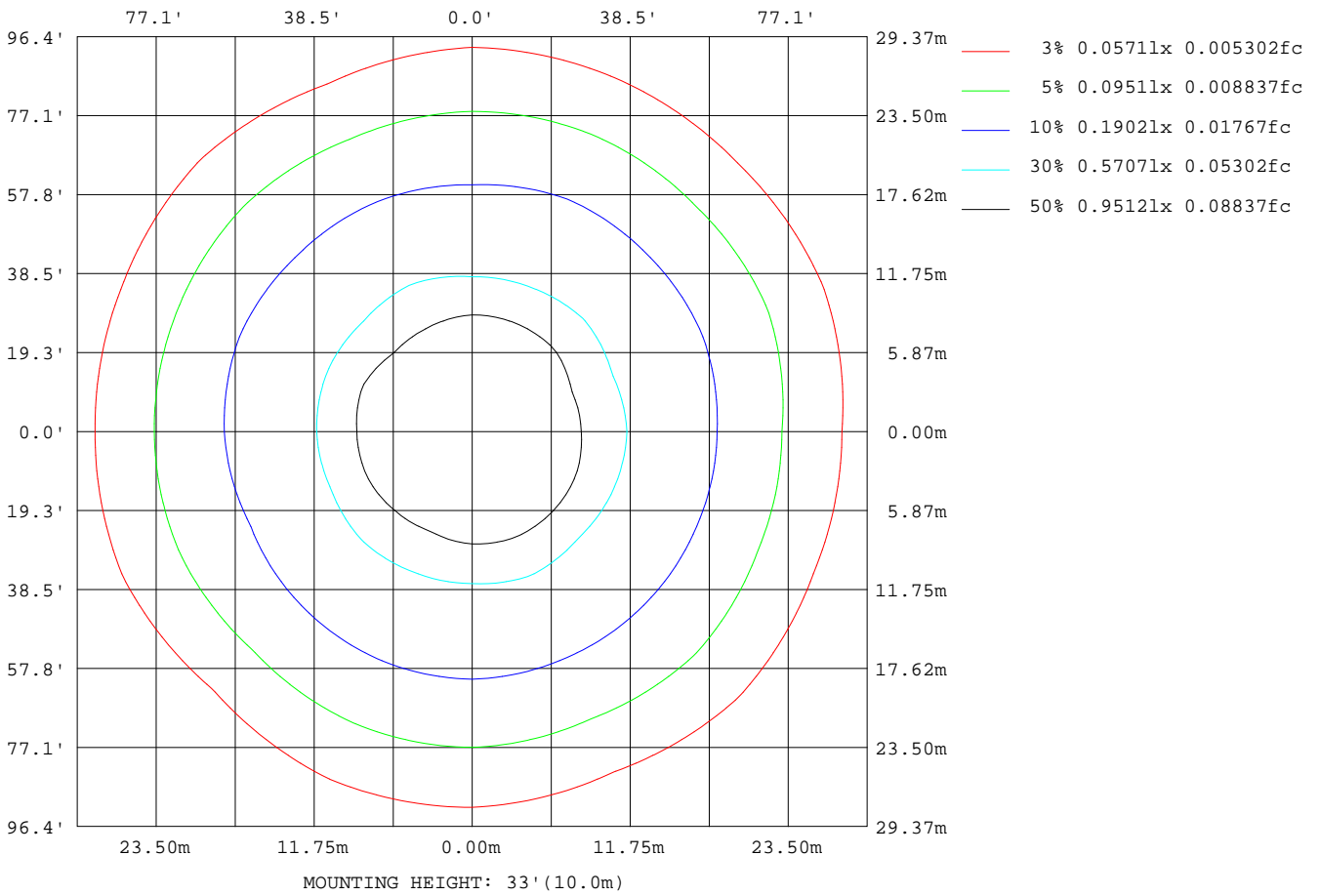
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.6DEG  
 Operators:David  
 Test Date:2015-05-18

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.287  
 Humidity:67.1%  
 Test Distance:2.455m [K=1.0000]  
 Remarks:



ISOLUX DIAGRAM

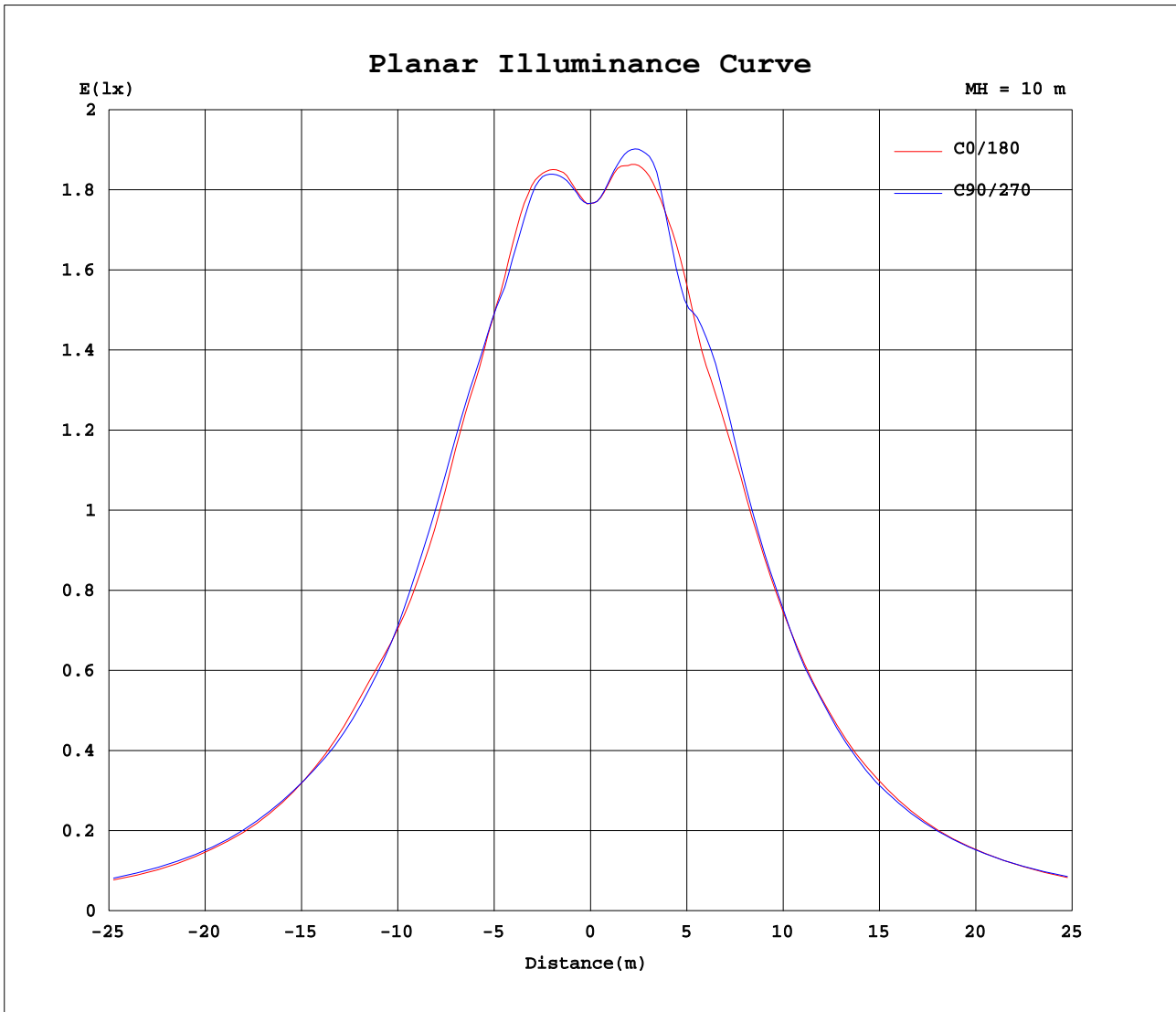
Test:U:120.0V I:0.2459A P:28.36W PF:0.9610 Lamp Flux:2018.23x1 lm		
NAME:	TYPE:2STB-MCH-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.35*0.35*3014	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.6DEG  
 Operators:David  
 Test Date:2015-05-18

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.287  
 Humidity:67.1%  
 Test Distance:2.455m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.6DEG  
 Operators:David  
 Test Date:2015-05-18

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.287  
 Humidity:67.1%  
 Test Distance:2.455m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2459A P:28.36W PF:0.9610 Lamp Flux:2018.23x1 lm		
NAME:	TYPE:2STB-MCH-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.35*0.35*3014	PROTECTION ANGLE:

Table--1

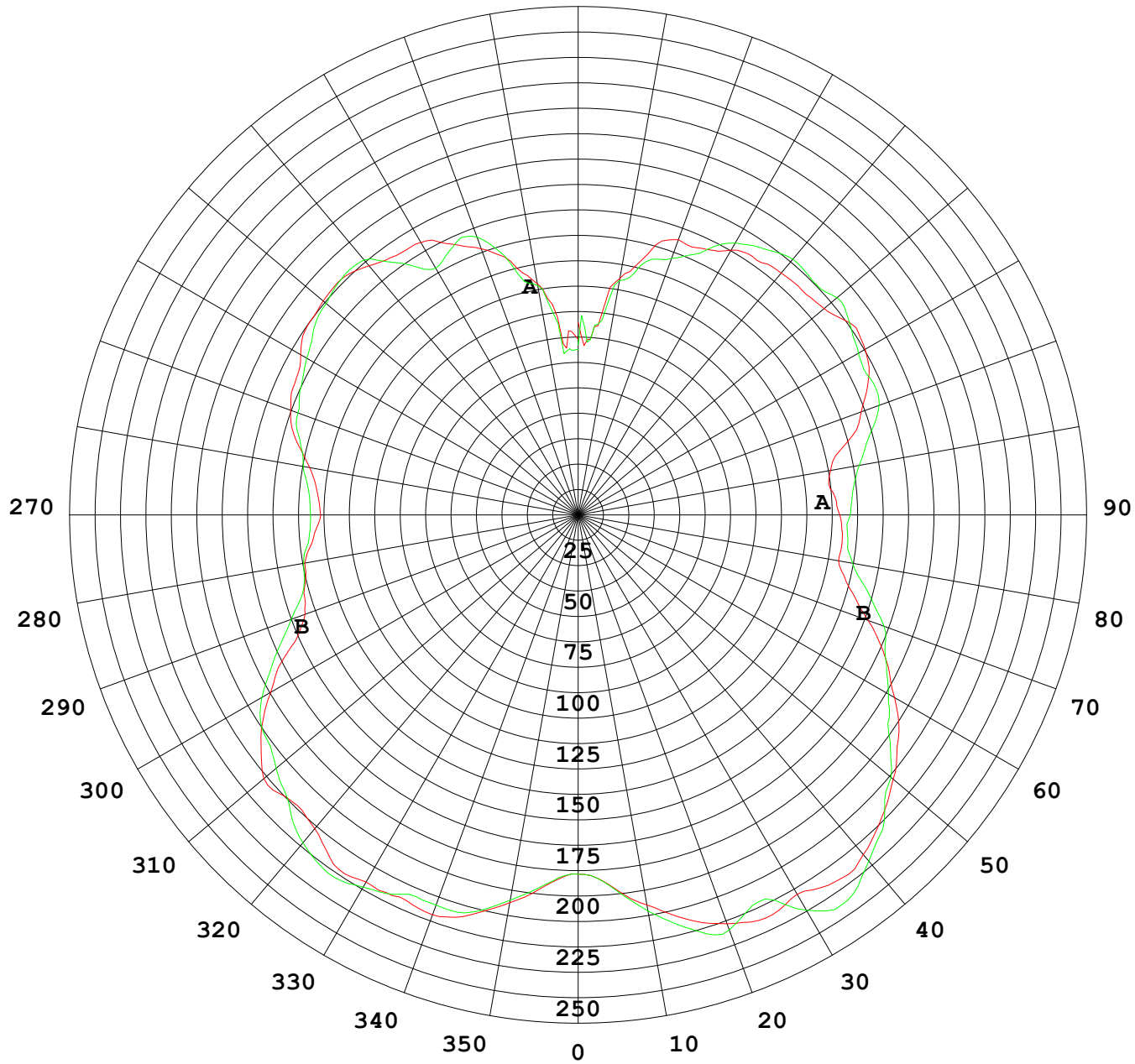
UNIT: cd

C (DEG) γ (DEG)	0	23	45	68	90	113	135	158	180	203	225	248	270	293	315	338			
0	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177			
5	183	183	183	182	182	183	184	184	183	183	183	183	183	183	182	182			
10	194	195	195	191	192	194	195	196	195	194	196	197	198	196	194	193			
15	204	205	206	201	202	202	205	207	206	205	206	209	211	208	204	204			
20	209	208	213	206	204	203	207	213	214	212	210	216	217	217	209	205			
25	207	205	208	214	206	204	212	203	219	216	208	219	210	219	216	203			
30	208	211	216	212	211	208	212	214	215	221	215	221	225	221	220	206			
35	210	216	221	215	215	205	208	222	220	227	216	220	231	225	221	206			
40	201	210	213	215	211	202	206	216	218	227	206	212	222	222	221	198			
45	199	206	201	209	201	200	207	206	211	219	206	215	213	213	215	194			
50	202	195	188	201	194	195	200	193	202	205	201	213	201	203	210	194			
55	190	184	176	187	188	187	189	180	192	194	195	199	186	193	195	186			
60	175	171	171	175	180	177	172	164	180	186	181	182	176	184	181	179			
65	157	155	161	157	164	161	156	163	167	170	168	167	167	171	168	171			
70	143	143	150	142	150	150	138	153	152	154	160	151	160	156	152	155			
75	139	133	141	131	140	141	125	140	138	144	149	131	148	145	138	143			
80	137	129	136	125	137	139	124	130	130	136	139	125	137	137	132	132			
85	131	132	131	124	133	135	125	123	130	131	136	125	133	136	128	127			
90	127	129	128	121	132	134	125	123	129	131	134	126	134	133	120	131			
95	129	128	132	121	133	134	124	129	126	132	139	129	136	134	118	135			
100	134	132	140	128	137	138	134	135	126	136	145	135	140	139	130	141			
105	144	143	145	139	142	147	143	145	137	144	150	142	148	143	140	146			
110	150	151	145	147	147	154	152	146	148	151	154	150	158	152	149	142			
115	154	153	150	155	150	157	156	149	157	156	154	159	159	156	157	146			
120	158	157	148	162	154	160	162	150	163	162	159	165	159	160	159	153			
125	162	163	146	160	159	162	164	150	164	163	164	170	163	161	162	158			
130	164	163	150	154	162	166	165	155	158	166	169	169	166	157	161	164			
135	164	164	150	153	164	167	165	153	156	167	170	168	163	159	161	167			
140	160	159	152	155	164	164	161	154	155	161	170	164	164	162	158	167			
145	156	153	147	150	151	154	156	150	153	154	163	160	160	155	154	158			
150	155	151	141	146	140	152	151	143	150	150	151	158	154	146	152	144			
155	147	139	139	142	146	146	142	140	145	147	151	149	142	143	148	147			
160	139	131	133	137	145	137	132	132	144	142	149	142	134	134	145	149			
165	130	126	123	126	128	126	124	126	133	132	133	131	129	128	135	136			
170	115	108	106	115	115	114	114	105	118	119	119	112	117	113	119	116			
175	84.5	89.0	88.3	79.6	79.7	85.0	91.5	86.4	93.0	93.1	88.1	86.4	93.6	87.9	90.0	85.3			
180	86.5	96.9	98.4	77.4	81.5	81.1	106	98.7	94.7	94.1	96.7	93.8	83.6	87.2	90.1	88.4			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.6DEG  
 Operators:David  
 Test Date:2015-05-18

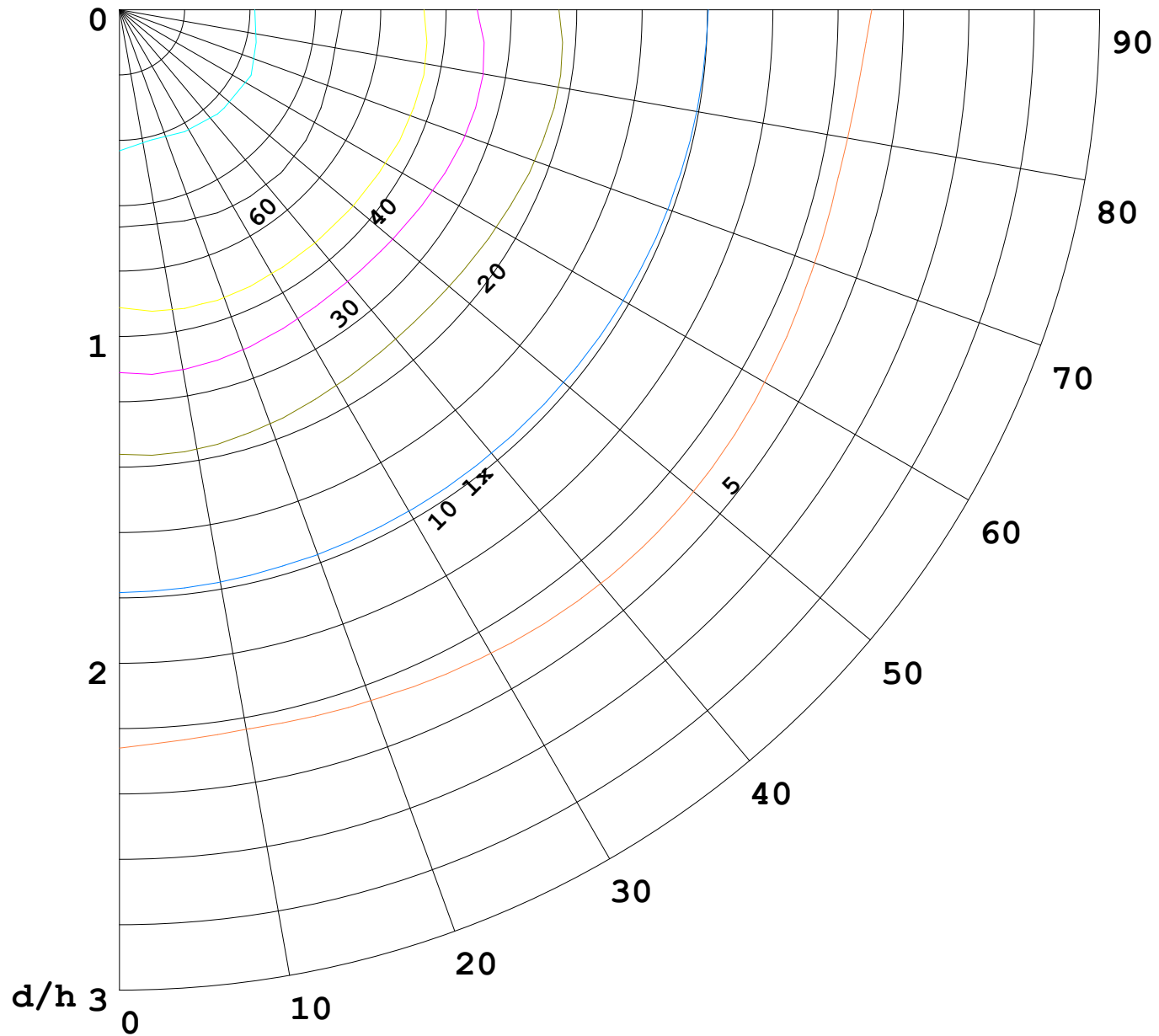
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.287  
 Humidity:67.1%  
 Test Distance:2.455m [K=1.0000]  
 Remarks:

I (cd)



1000 lm

$\kappa = 1$



**F** = 5000 lm  
**K** = 0.7  
**Hcc** = 0.0 m  
**Hfc** = 0.0 m  
**Eave** = 100 lx

—————	<b>Pcc</b>	<b>Pw</b>	<b>Pfc</b>
—————	70	50	30
—————	50	30	20

