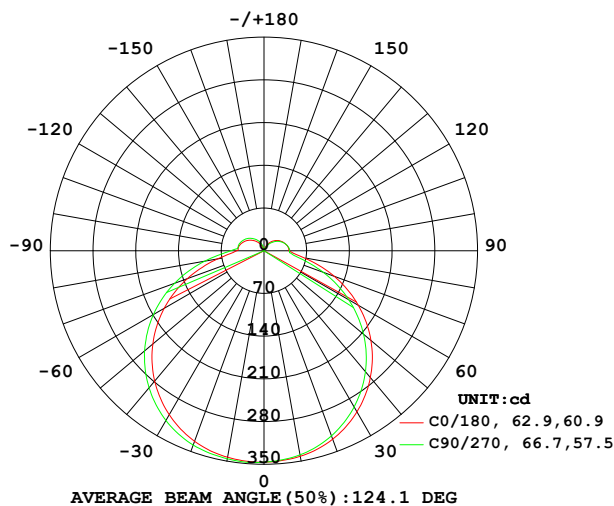


## LUMINAIRE PHOTOMETRIC TEST REPORT

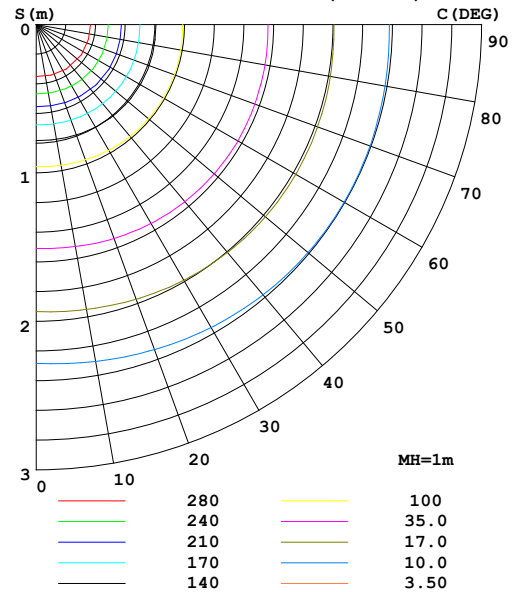
Test:U:120.0V I:0.1722A P:20.55W PF:0.9943 Lamp Flux:1385.99x1 lm		
NAME:	TYPE:EQS-11F-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.28*0.28	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 67.45 lm/W			
MODEL	EQS-11F-PC	I <sub>max</sub> (cd)	347.7	S/MH (C0/180)	1.31
NOMINAL POWER (W)	21	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	120.0	TOTAL FLUX (lm)	1386.0	η UP, DN (C0-180)	7.8, 45.5
NOMINAL FLUX (lm)	1385.99	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	6.7, 40.0
LAMPS INSIDE	1	η up (%)	14.5	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120.0	η down (%)	85.5	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM (UNIT: lx)



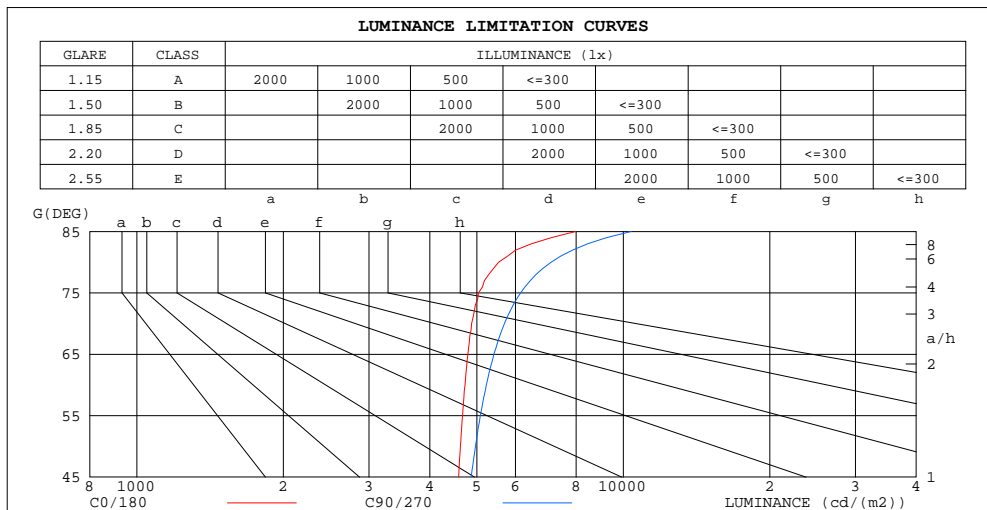
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 Operators: David  
 Test Date: 2015-05-17

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	$\Phi$ lum, lamp
10	343.6	346.0	346.1	344.2	342.0	339.8	339.7	340.9	0- 10	32.89	32.89	2.37,2.37
20	332.3	337.6	338.8	334.8	328.7	325.3	322.9	327.6	10- 20	95.52	128.4	9.27,9.27
30	310.4	320.7	321.2	316.5	304.8	299.8	295.5	303.8	20- 30	148.2	276.6	20,20
40	278.7	293.3	293.0	287.6	271.2	264.6	258.6	270.1	30- 40	184.2	460.8	33.2,33.2
50	237.8	256.3	255.4	249.3	228.8	220.8	213.1	227.5	40- 50	198.9	659.7	47.6,47.6
60	189.0	210.5	209.1	202.5	178.5	169.1	160.3	177.0	50- 60	190.0	849.7	61.3,61.3
70	133.5	157.4	155.8	148.8	122.5	113.0	103.2	121.4	60- 70	158.5	1008	72.7,72.7
80	76.99	101.0	98.75	92.93	66.76	62.84	52.75	69.09	70- 80	110.1	1118	80.7,80.7
90	44.92	59.98	54.59	56.42	40.57	50.59	42.11	51.83	80- 90	66.71	1185	85.5,85.5
100	41.98	51.98	42.91	50.60	39.76	47.37	40.19	49.09	90-100	51.81	1237	89.2,89.2
110	38.23	48.03	40.81	46.40	36.22	41.75	35.96	43.56	100-110	46.33	1283	92.6,92.6
120	33.22	42.34	37.03	40.75	31.85	34.47	30.37	36.20	110-120	38.39	1321	95.3,95.3
130	27.04	34.77	31.98	33.25	26.39	25.68	23.67	27.27	120-130	28.87	1350	97.4,97.4
140	20.29	26.42	25.61	25.04	19.88	15.92	16.30	17.37	130-140	19.02	1369	98.8,98.8
150	13.19	17.00	19.20	16.29	12.73	6.950	9.217	6.795	140-150	10.48	1380	99.6,99.6
160	6.319	8.163	11.92	9.056	6.325	3.138	3.120	2.413	150-160	4.392	1384	99.9,99.9
170	3.526	6.135	5.560	6.851	4.393	2.445	1.932	2.141	160-170	1.432	1386	100,100
180	0.3889	0.2129	2.262	0.7145	0.6599	0.4510	0.8771	1.307	170-180	0.3422	1386	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	7984	10382
80	5542	7108
75	5039	6147
70	4877	5695
65	4791	5419
60	4725	5227
55	4672	5081
50	4625	4966
45	4587	4867

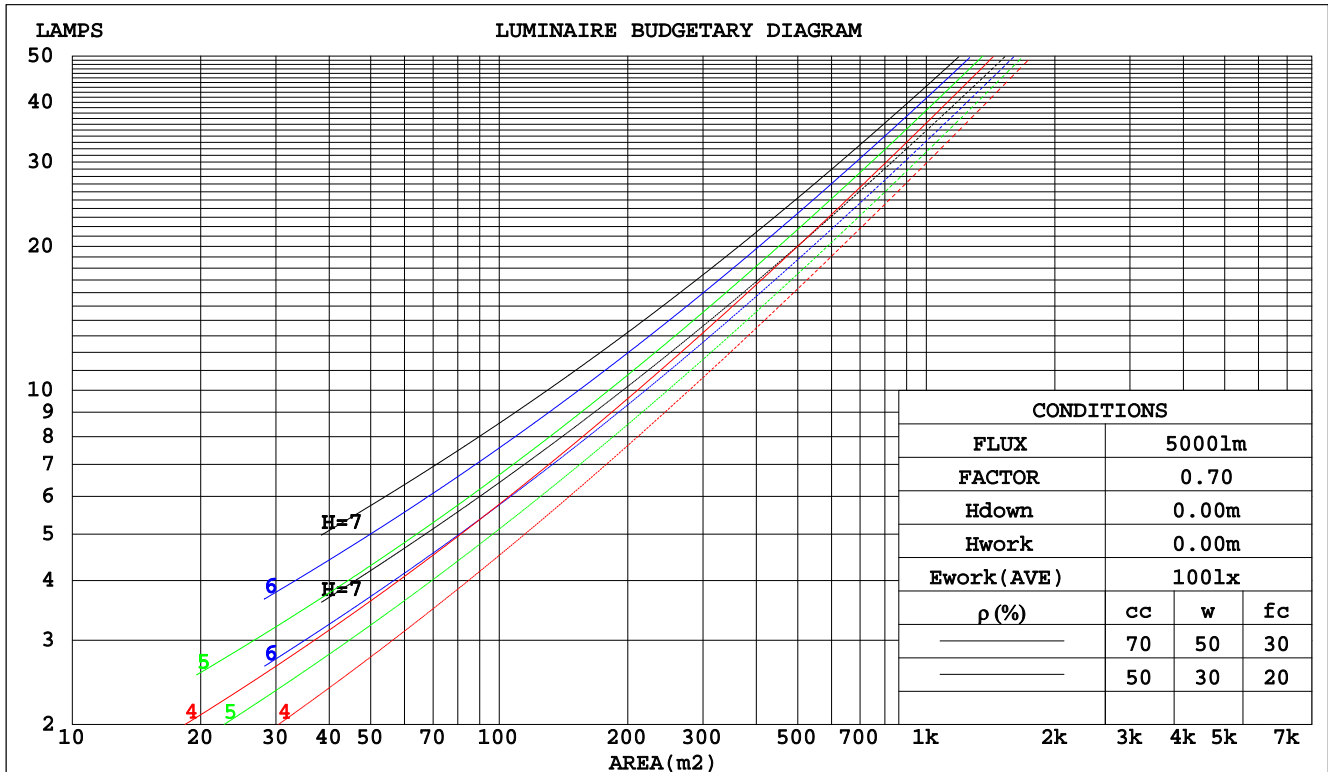
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 Operators: David  
 Test Date: 2015-05-17

$\gamma$  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:0.1722A P:20.55W PF:0.9943 Lamp Flux:1385.99x1 lm		
NAME:	TYPE:EQS-11F-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.28*0.28	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	1.16	1.16	1.16	1.11	1.11	1.11	1.03	1.03	1.03	.96	.96	.96	.89	.89	.89	.85
1.0	.98	.93	.89	.95	.90	.86	.88	.84	.81	.81	.78	.76	.75	.73	.71	.68
2.0	.85	.77	.71	.82	.75	.69	.76	.70	.65	.70	.66	.62	.65	.61	.58	.55
3.0	.74	.65	.58	.71	.63	.57	.66	.59	.54	.61	.56	.51	.57	.52	.49	.46
4.0	.65	.56	.49	.63	.54	.48	.58	.51	.46	.54	.48	.43	.50	.45	.41	.39
5.0	.58	.49	.42	.56	.47	.41	.52	.45	.39	.48	.42	.37	.45	.40	.36	.33
6.0	.52	.43	.36	.50	.42	.35	.47	.39	.34	.44	.37	.32	.41	.35	.31	.29
7.0	.47	.38	.32	.45	.37	.31	.42	.35	.30	.40	.33	.29	.37	.32	.27	.25
8.0	.43	.34	.28	.41	.33	.27	.39	.32	.26	.36	.30	.25	.34	.29	.24	.22
9.0	.39	.31	.25	.38	.30	.25	.35	.29	.24	.33	.27	.23	.31	.26	.22	.20
10.0	.36	.28	.23	.35	.27	.22	.33	.26	.21	.31	.25	.21	.29	.24	.20	.18



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.6DEG  
 Operators:David  
 Test Date:2015-05-17

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:0.1722A P:20.55W PF:0.9943 Lamp Flux:1385.99x1 lm					
NAME:		TYPE:EQS-11F-PC		WEIGHT:	
SPEC.:		DIM.:		SERIAL No.:	
MFR.: Blackjack Lighting		SUR.:0.28*0.28		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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.349	.198	.063	.337	.192	.061	.316	.181	.058	.296	.171	.055	.277	.161	.052	
2.0	.313	.171	.053	.302	.166	.051	.283	.157	.049	.265	.149	.046	.248	.140	.044	
3.0	.283	.150	.045	.273	.146	.044	.256	.139	.042	.240	.131	.040	.224	.124	.038	
4.0	.257	.134	.039	.249	.130	.039	.233	.124	.037	.218	.117	.035	.204	.111	.034	
5.0	.236	.120	.035	.228	.117	.034	.214	.111	.033	.200	.106	.031	.188	.100	.030	
6.0	.217	.109	.031	.210	.106	.031	.197	.101	.029	.185	.096	.028	.173	.091	.027	
7.0	.201	.099	.028	.195	.097	.028	.183	.092	.027	.172	.088	.026	.161	.084	.025	
8.0	.187	.091	.026	.181	.089	.025	.170	.085	.024	.160	.081	.023	.150	.077	.022	
9.0	.175	.085	.024	.170	.083	.023	.159	.079	.022	.150	.075	.022	.141	.072	.021	
10.0	.164	.079	.022	.159	.077	.021	.150	.073	.021	.141	.070	.020	.133	.067	.019	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.301	.301	.301	.257	.257	.257	.176	.176	.176	.101	.101	.101	.032	.032	.032	
1.0	.294	.267	.243	.252	.229	.209	.172	.158	.144	.099	.091	.084	.032	.029	.027	
2.0	.287	.244	.208	.246	.210	.180	.169	.145	.125	.097	.085	.073	.031	.027	.024	
3.0	.280	.227	.185	.240	.196	.161	.165	.136	.113	.095	.080	.066	.031	.026	.022	
4.0	.272	.214	.170	.234	.185	.148	.161	.129	.104	.093	.076	.062	.030	.025	.020	
5.0	.265	.204	.160	.227	.177	.139	.157	.124	.098	.091	.073	.058	.029	.024	.019	
6.0	.257	.196	.153	.221	.170	.133	.153	.119	.094	.089	.070	.056	.029	.023	.018	
7.0	.251	.190	.147	.216	.165	.128	.149	.115	.091	.087	.068	.054	.028	.022	.018	
8.0	.244	.184	.143	.210	.160	.125	.145	.112	.088	.085	.066	.053	.027	.022	.017	
9.0	.238	.179	.140	.205	.156	.122	.142	.109	.087	.083	.065	.052	.027	.021	.017	
10.0	.232	.175	.137	.200	.152	.120	.139	.107	.085	.081	.063	.051	.026	.021	.017	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.6DEG  
 Operators:David  
 Test Date:2015-05-17

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:0.1722A P:20.55W PF:0.9943 Lamp Flux:1385.99x1 lm											
NAME:					TYPE:EQS-11F-PC			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.: Blackjack Lighting					SUR.:0.28*0.28			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	17.7	19.1	18.2	19.6	20.1	18.1	19.5	18.6	20.0	20.5	
	3H	19.6	20.9	20.1	21.4	21.9	20.2	21.5	20.7	21.9	
	4H	20.5	21.7	21.0	22.2	22.7	21.2	22.4	21.7	22.9	
	6H	21.2	22.4	21.8	22.9	23.5	22.1	23.3	22.7	23.8	
	8H	21.6	22.7	22.2	23.2	23.8	22.6	23.7	23.1	24.2	
	12H	22.0	23.1	22.6	23.6	24.2	23.1	24.1	23.6	24.7	
4H	2H	18.6	19.8	19.1	20.3	20.8	18.8	20.1	19.4	20.6	
	3H	20.6	21.7	21.2	22.2	22.8	21.1	22.2	21.7	22.7	
	4H	21.6	22.6	22.2	23.2	23.8	22.3	23.2	22.8	23.8	
	6H	22.6	23.5	23.2	24.0	24.7	23.4	24.2	24.0	24.8	
	8H	23.0	23.8	23.7	24.4	25.1	24.0	24.8	24.6	25.4	
	12H	23.5	24.3	24.2	24.9	25.6	24.5	25.3	25.2	25.9	
8H	4H	22.2	23.0	22.8	23.6	24.3	22.7	23.5	23.3	24.1	
	6H	23.4	24.0	24.0	24.7	25.4	24.1	24.7	24.7	25.4	
	8H	24.0	24.6	24.6	25.2	26.0	24.8	25.4	25.5	26.0	
	12H	24.6	25.2	25.3	25.8	26.6	25.6	26.1	26.3	26.8	
12H	4H	22.3	23.0	22.9	23.6	24.3	22.7	23.5	23.4	24.1	
	6H	23.6	24.2	24.2	24.8	25.6	24.2	24.8	24.9	25.5	
	8H	24.3	24.8	25.0	25.5	26.3	25.0	25.6	25.7	26.2	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4					

CIE Pub.117 Corrected 1386 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.1)

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.6DEG  
 Operators:David  
 Test Date:2015-05-17

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:0.1722A P:20.55W PF:0.9943 Lamp Flux:1385.99x1 lm		
NAME:	TYPE:EQS-11F-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.28*0.28	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) $k(RI) \times RCR = 5$									
$k = 0.60$	50	38	31	49	38	31	48	37	31	24
0.80	60	47	40	58	47	39	56	45	39	31
1.00	68	56	48	66	55	47	63	55	46	38
1.25	75	63	55	73	62	54	69	60	53	44
1.50	80	69	61	78	67	60	73	64	58	48
2.00	87	77	70	85	75	68	79	72	66	55
2.50	92	82	75	89	80	74	83	76	70	59
3.00	95	87	80	92	84	78	86	80	75	62
4.00	100	93	87	96	90	85	90	84	80	67
5.00	103	96	91	99	93	89	92	88	84	70
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:2015-05-17

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:0.1722A P:20.55W PF:0.9943 Lamp Flux:1385.99x1 lm		
NAME:	TYPE:EQS-11F-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.28*0.28	PROTECTION ANGLE:

Conical surface Flux(90deg):

559.85 lm

%lum = 40.4%

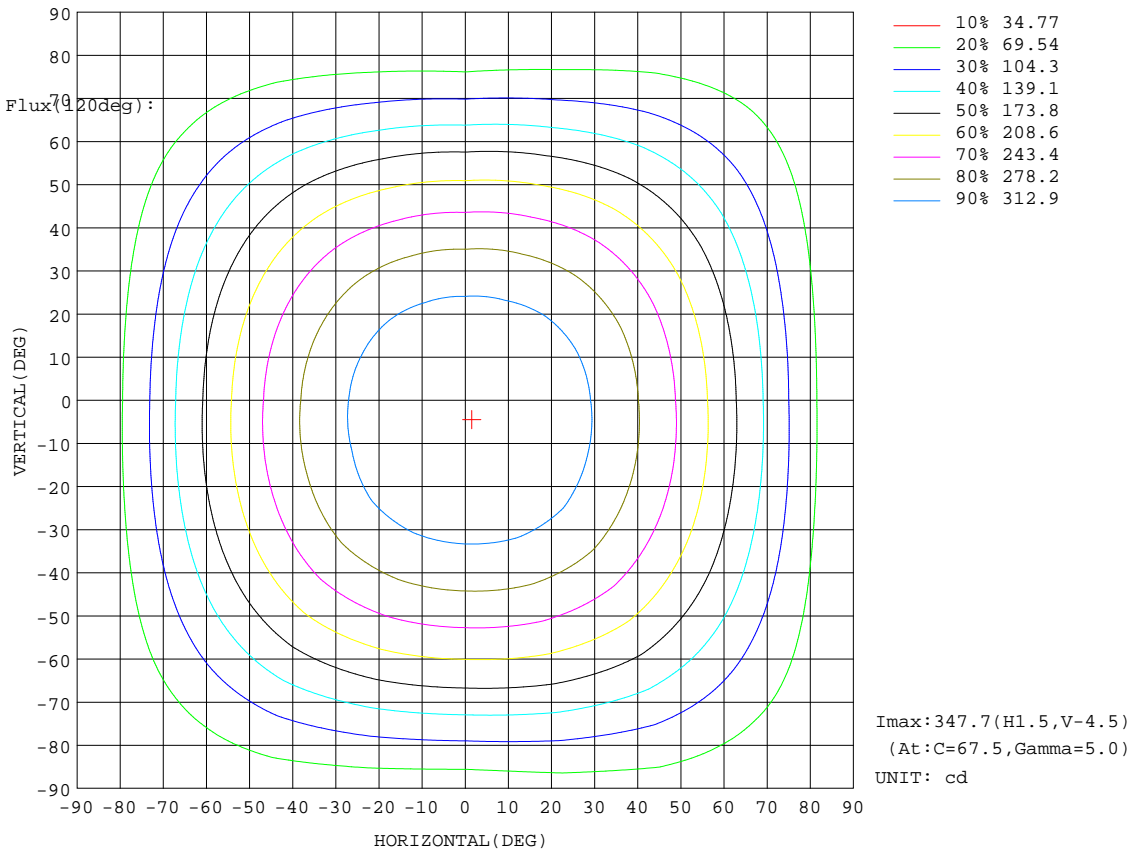
%lamp = 40.4%

Conical surface Flux(70deg):

849.68 lm

%lum = 61.3%

%lamp = 61.3%

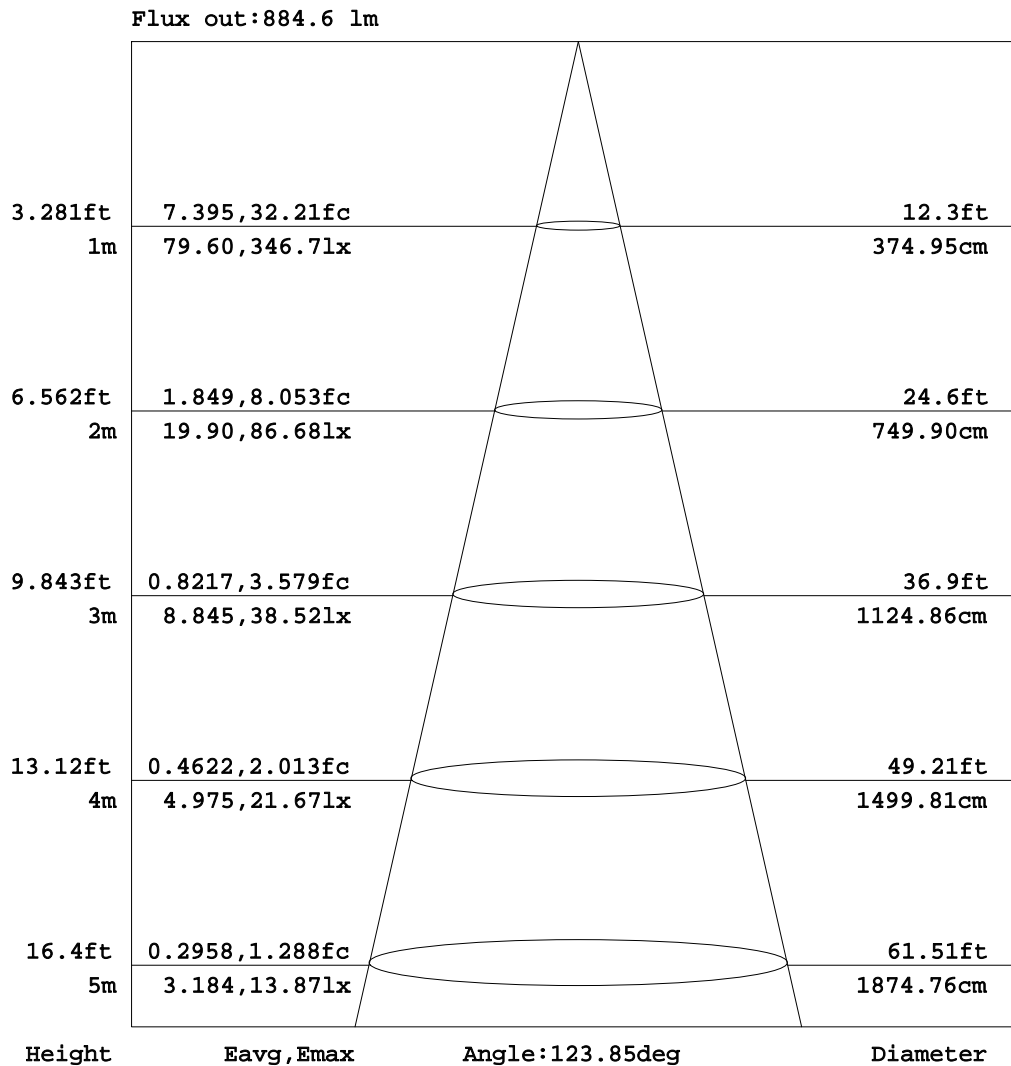


C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.6DEG  
Operators:David  
Test Date:2015-05-17

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:0.1722A P:20.55W PF:0.9943 Lamp Flux:1385.99x1 lm		
NAME:	TYPE:EQS-11F-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.28*0.28	PROTECTION ANGLE:



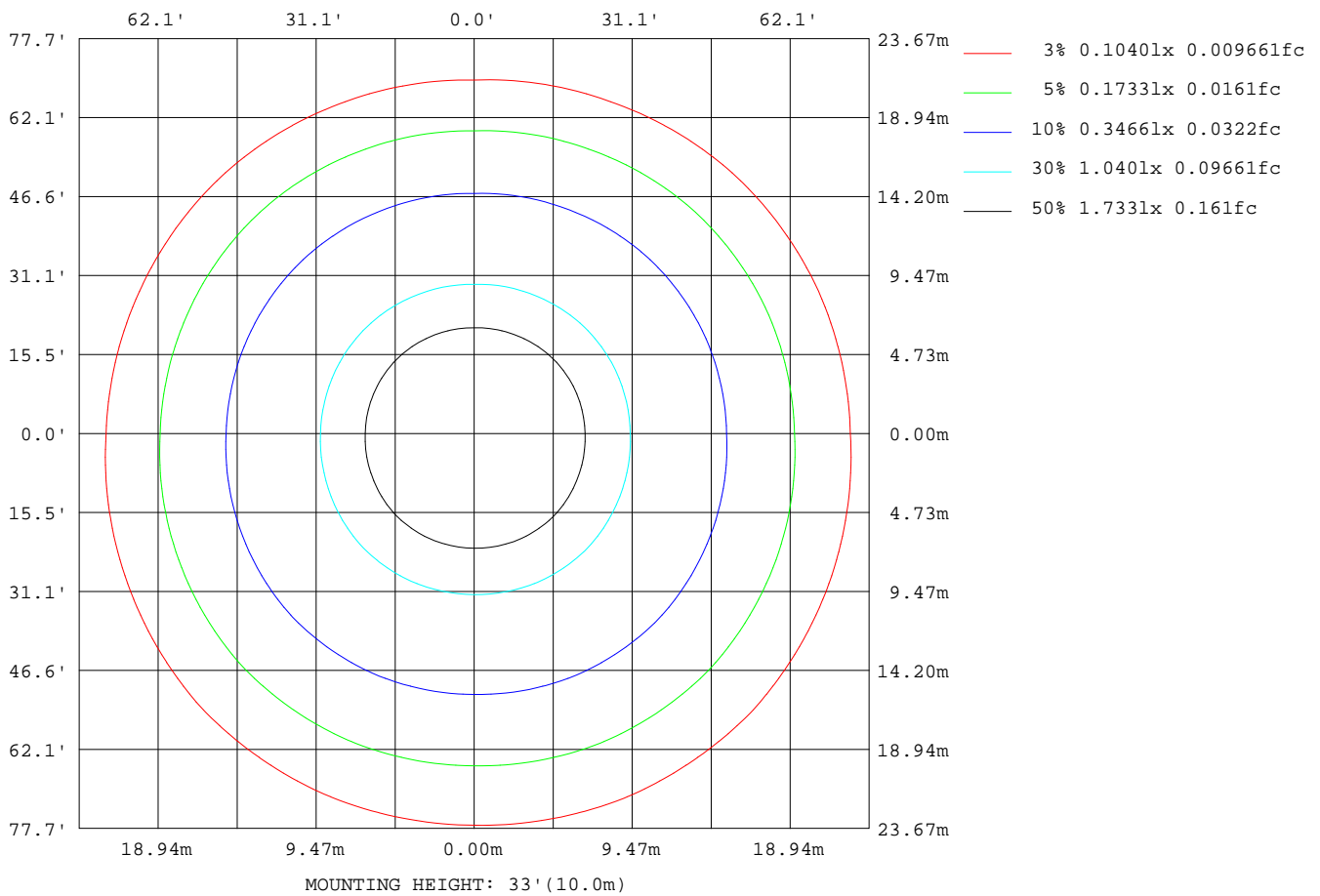
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.6DEG  
Operators: David  
Test Date: 2015-05-17

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

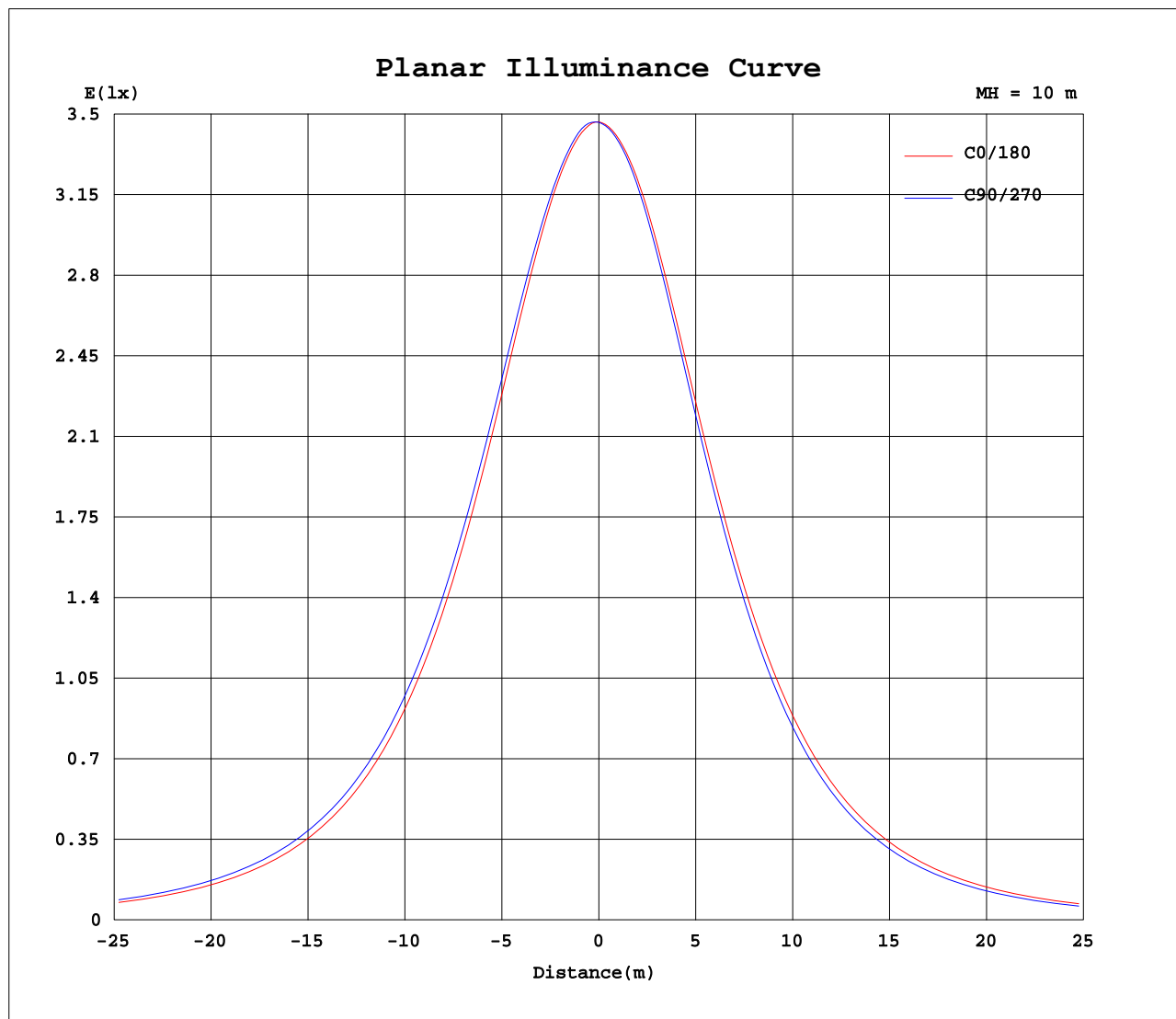
Test:U:120.0V I:0.1722A P:20.55W PF:0.9943 Lamp Flux:1385.99x1 lm		
NAME:	TYPE:EQS-11F-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.28*0.28	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 Operators: David  
 Test Date: 2015-05-17

$\gamma$  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:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.6DEG  
Operators: David  
Test Date: 2015-05-17

$\gamma$  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:0.1722A P:20.55W PF:0.9943 Lamp Flux:1385.99x1 lm																		
NAME:									TYPE:EQS-11F-PC					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: Blackjack Lighting									SUR.:0.28*0.28					PROTECTION ANGLE:				

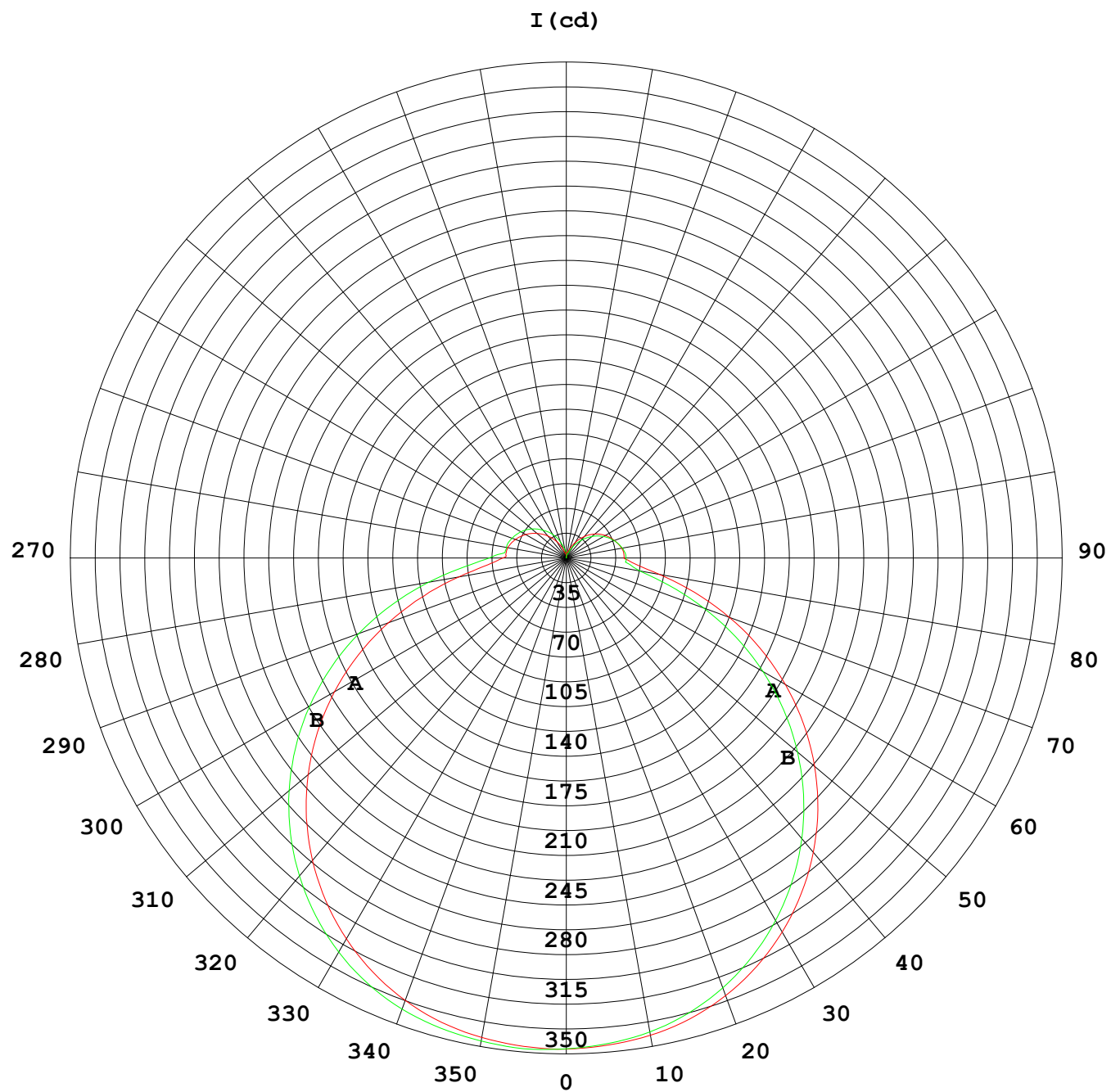
Table--1

UNIT: cd

C (DEG) γ (DEG)	0	23	45	68	90	113	135	158	180	203	225	248	270	293	315	338			
0	347	347	347	346	346	346	346	346	347	347	347	346	346	346	346	346			
5	346	347	347	348	348	347	346	345	345	344	344	344	344	344	344	345			
10	344	345	346	346	346	345	344	343	342	341	340	339	340	340	341	342			
15	339	342	343	343	343	342	340	339	337	335	334	333	333	334	335	337			
20	332	335	338	339	339	337	335	331	329	327	325	323	323	324	328	330			
25	323	327	330	332	331	330	327	321	318	316	314	311	310	313	317	320			
30	310	315	321	322	321	320	316	309	305	302	300	297	295	298	304	308			
35	296	302	308	310	308	307	303	295	289	286	283	280	278	282	288	293			
40	279	286	293	295	293	292	288	278	271	268	265	261	259	263	270	275			
45	259	268	276	278	275	274	270	260	251	247	244	239	237	242	250	256			
50	238	247	256	258	255	254	249	238	229	224	221	216	213	219	227	234			
55	214	225	234	236	233	232	227	215	205	200	196	191	187	193	203	210			
60	189	200	211	213	209	208	203	190	178	173	169	164	160	167	177	184			
65	162	174	185	187	183	182	176	163	151	145	141	136	132	139	150	157			
70	133	146	157	160	156	154	149	135	122	117	113	107	103	110	121	129			
75	104	117	129	131	127	126	121	107	93.6	88.4	85.4	79.5	75.2	82.6	93.4	100			
80	77.0	89.3	101	103	98.7	97.7	92.9	79.7	66.8	63.5	62.8	57.8	52.8	59.4	69.1	74.2			
85	55.7	65.5	76.0	77.2	72.4	72.4	69.2	59.4	48.8	50.2	53.0	49.1	43.6	49.8	55.8	56.3			
90	44.9	52.6	60.0	59.6	54.6	56.3	56.4	49.3	40.6	45.9	50.6	47.8	42.1	47.1	51.8	48.3			
95	42.6	47.8	52.8	50.1	43.6	47.9	51.4	47.3	40.7	45.1	49.6	46.8	41.7	46.4	51.1	48.1			
100	42.0	47.2	52.0	48.9	42.9	46.9	50.6	46.5	39.8	43.1	47.4	44.7	40.2	44.5	49.1	46.4			
105	40.3	45.5	50.3	47.7	42.3	45.6	48.7	44.6	38.1	40.6	44.8	42.3	38.3	42.1	46.5	44.0			
110	38.2	43.3	48.0	45.5	40.8	43.4	46.4	42.4	36.2	37.7	41.8	39.4	36.0	39.3	43.6	41.0			
115	35.9	40.8	45.4	43.1	39.1	41.0	43.8	39.8	34.2	34.6	38.3	36.0	33.3	36.0	40.1	37.8			
120	33.2	38.1	42.3	40.2	37.0	38.2	40.8	37.1	31.9	31.1	34.5	32.3	30.4	32.4	36.2	34.1			
125	30.2	35.0	38.8	37.0	34.7	35.1	37.2	34.1	29.3	27.3	30.2	28.4	27.1	28.4	31.9	30.2			
130	27.0	31.3	34.8	33.2	32.0	31.7	33.3	30.5	26.4	23.3	25.7	24.1	23.7	23.9	27.3	25.9			
135	23.7	27.4	30.7	29.1	28.9	28.1	29.3	26.6	23.2	19.8	20.9	19.8	20.0	19.9	22.4	21.6			
140	20.3	23.2	26.4	25.2	25.6	24.6	25.0	22.5	19.9	16.6	15.9	15.5	16.3	15.7	17.4	17.5			
145	16.8	18.9	21.8	21.3	22.5	21.7	20.7	18.2	16.4	13.2	10.9	11.2	12.7	12.0	12.1	13.7			
150	13.2	14.9	17.0	17.6	19.2	18.8	16.3	13.8	12.7	9.79	6.95	7.11	9.22	8.73	6.80	9.82			
155	9.64	11.5	12.3	14.3	15.7	15.6	12.1	10.1	9.34	6.79	5.05	3.66	5.74	5.54	3.38	6.11			
160	6.32	8.43	8.16	11.0	11.9	12.2	9.06	7.38	6.33	4.86	3.14	2.79	3.12	2.79	2.41	2.84			
165	3.84	5.90	6.14	7.90	8.19	8.67	7.11	6.45	4.39	3.82	2.05	2.56	2.80	1.79	2.43	2.05			
170	3.53	5.29	6.13	6.35	5.56	5.88	6.85	6.29	4.39	4.23	2.45	2.23	1.93	1.13	2.14	1.69			
175	3.04	4.77	5.45	5.47	4.80	4.59	5.24	5.07	3.81	3.81	2.69	1.66	0.60	0.47	1.37	1.82			
180	0.39	0.87	0.21	1.53	2.26	2.41	0.71	0.27	0.66	0.47	0.45	0.68	0.88	1.46	1.31	1.05			

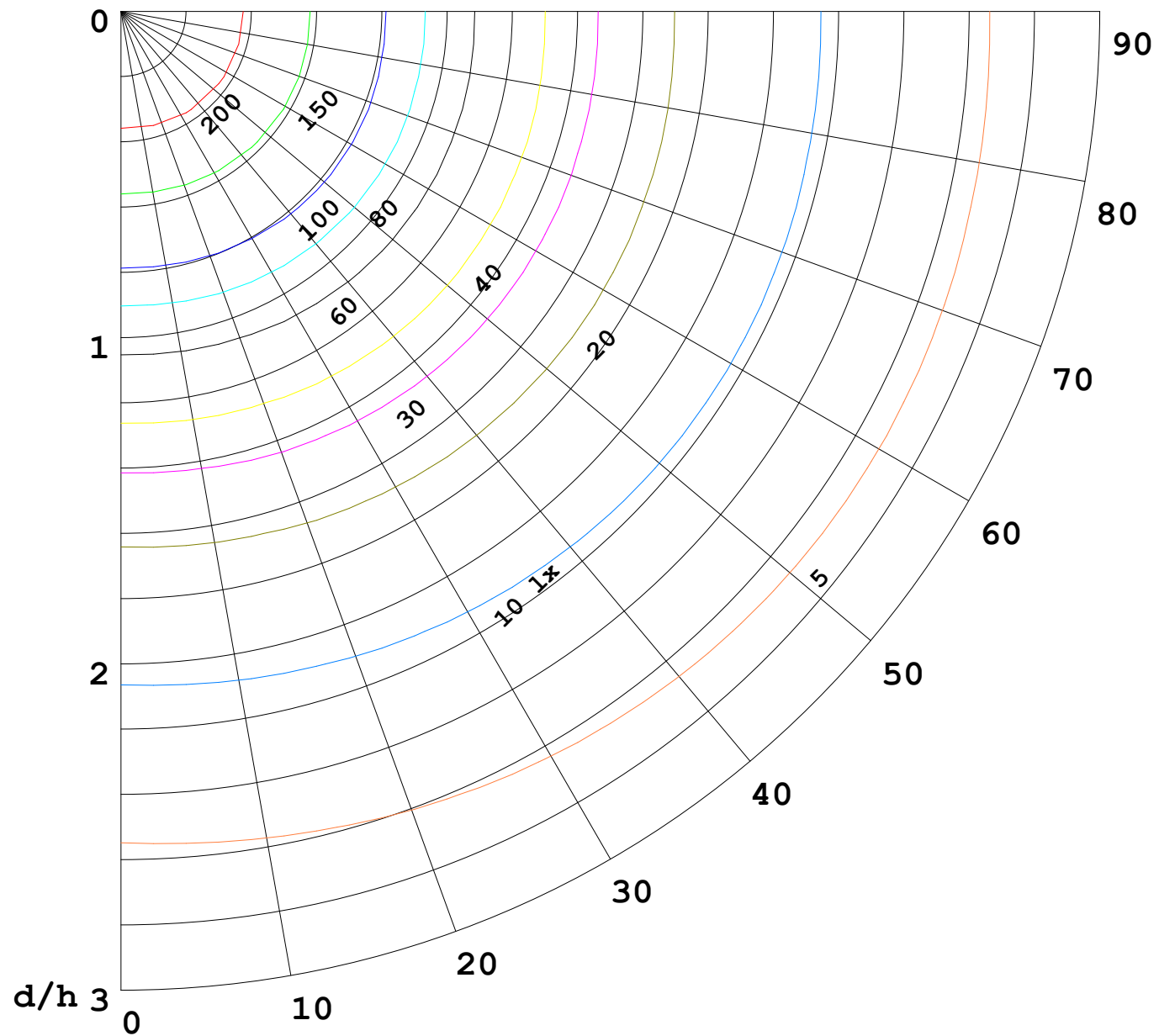
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.6DEG  
 Operators:David  
 Test Date:2015-05-17

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:



1000 lm

$\kappa = 1$



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

	Pcc	Pw	Pfc
—————	70	50	30
—————	50	30	20

