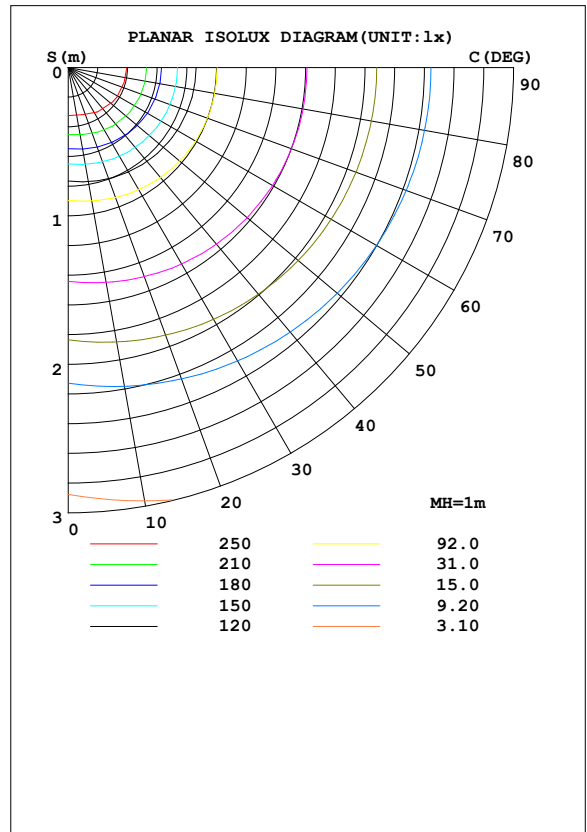
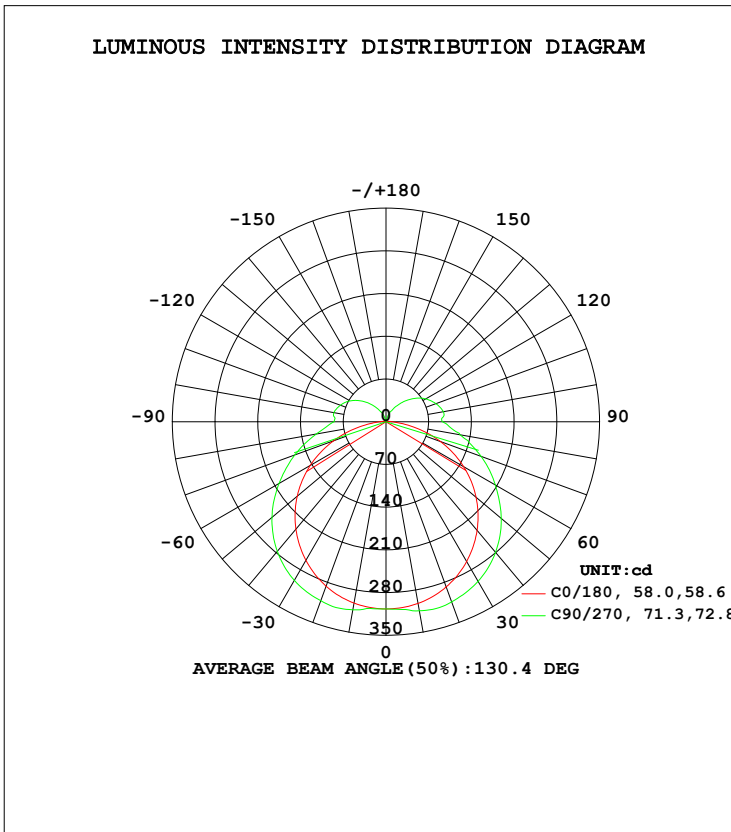


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.1690A P:20.22W PF:0.9971 Lamp Flux:1382.76x1 lm		
NAME:	TYPE:EQS-28V-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.12*0.66	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 68.38 lm/W			
MODEL	EQS-28V-PC	I _{max} (cd)	316.9	S/MH (C0/180)	1.28
NOMINAL POWER (W)	21	LOR (%)	100.0	S/MH (C90/270)	1.45
RATED VOLTAGE (V)	120.0	TOTAL FLUX (lm)	1382.8	η UP, DN (C0-180)	8.0, 41.3
NOMINAL FLUX (lm)	1382.76	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	8.8, 42.0
LAMPS INSIDE	1	η up (%)	16.7	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120.0	η down (%)	83.3	CIBSE SHR MAX	1.55



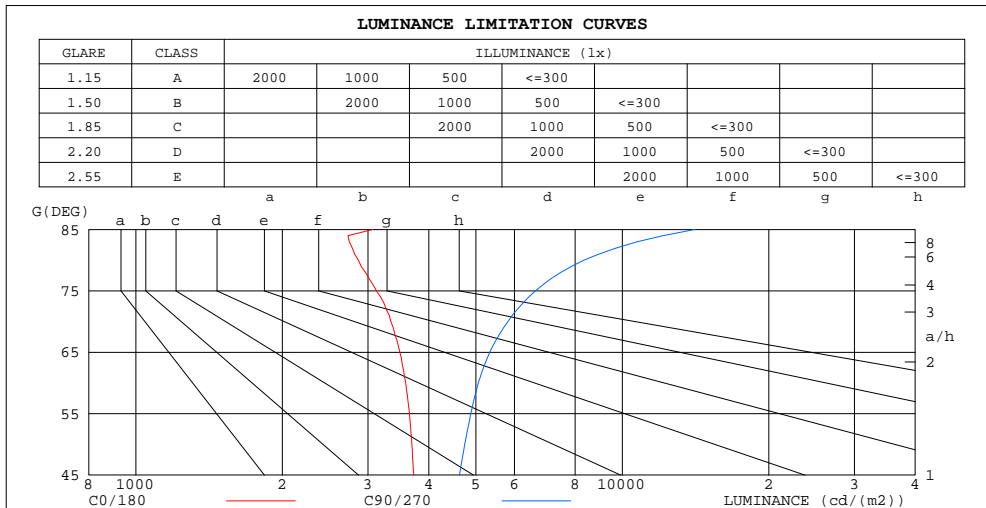
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.6DEG
 Operators: David
 Test Date: 2015-05-18

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	301.7	307.1	312.9	307.5	302.3	309.2	314.5	308.4	0- 10	29.33	29.33	2.12,2.12
20	286.8	304.8	312.1	305.4	288.2	307.5	314.3	306.6	10- 20	86.83	116.2	8.4,8.4
30	262.3	288.4	300.3	289.5	264.4	291.5	302.0	290.3	20- 30	136.7	252.9	18.3,18.3
40	229.6	263.7	277.1	265.1	232.2	266.9	279.3	265.4	30- 40	172.3	425.1	30.7,30.7
50	189.9	229.0	243.9	230.9	192.8	232.8	246.6	231.3	40- 50	188.6	613.8	44.4,44.4
60	143.5	186.3	202.3	188.1	146.8	190.1	206.8	188.6	50- 60	183.4	797.2	57.7,57.7
70	91.47	137.4	159.2	138.9	95.03	143.2	165.8	141.6	60- 70	157.9	955.1	69.1,69.1
80	39.81	92.71	115.9	92.88	41.51	98.26	123.2	97.31	70- 80	118.0	1073	77.6,77.6
90	9.044	64.22	85.12	64.48	9.745	68.47	92.79	67.47	80- 90	78.39	1152	83.3,83.3
100	4.162	60.15	86.76	60.51	4.352	66.31	95.44	65.18	90-100	62.70	1214	87.8,87.8
110	1.478	52.90	79.57	53.39	1.363	58.16	87.12	57.00	100-110	55.97	1270	91.9,91.9
120	1.245	42.20	68.45	42.52	1.259	47.63	75.14	46.32	110-120	44.66	1315	95.1,95.1
130	1.222	30.46	53.27	30.74	1.320	35.21	59.41	33.99	120-130	32.06	1347	97.4,97.4
140	1.219	19.75	36.74	20.16	1.300	23.16	41.74	23.35	130-140	20.15	1367	98.9,98.9
150	1.213	13.78	21.59	14.74	1.260	13.20	25.22	17.37	140-150	10.28	1377	99.6,99.6
160	1.191	3.154	10.97	3.637	1.244	3.033	12.51	7.318	150-160	4.363	1382	99.9,99.9
170	0.7660	1.808	2.502	2.097	0.8101	1.080	2.926	2.868	160-170	0.9025	1383	100,100
180	1.168	1.113	0.2844	1.152	1.117	1.123	0.7863	1.037	170-180	0.1330	1383	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



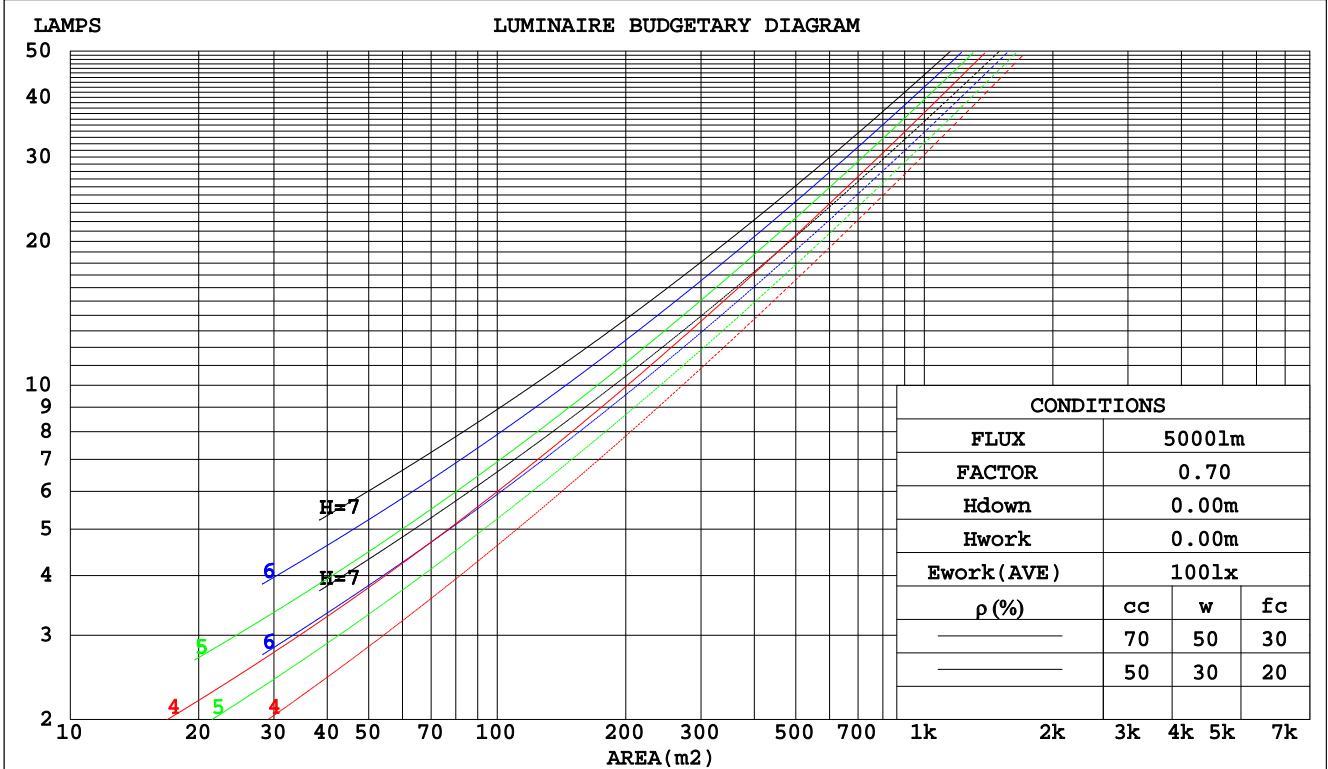
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.6DEG
 Operators:David
 Test Date:2015-05-18

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.1690A P:20.22W PF:0.9971 Lamp Flux:1382.76x1 lm		
NAME:	TYPE:EQS-28V-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.12*0.66	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	1.15	1.15	1.15	1.10	1.10	1.10	1.02	1.02	1.02	.94	.94	.94	.87	.87	.87	.83
1.0	.97	.92	.88	.93	.89	.85	.86	.82	.79	.79	.76	.73	.73	.70	.68	.65
2.0	.83	.76	.70	.80	.73	.67	.74	.68	.63	.68	.63	.59	.63	.59	.56	.52
3.0	.72	.64	.57	.70	.62	.55	.64	.58	.52	.59	.54	.49	.55	.50	.46	.43
4.0	.64	.54	.47	.61	.53	.46	.57	.49	.44	.52	.46	.41	.48	.43	.39	.36
5.0	.57	.47	.40	.54	.46	.39	.50	.43	.37	.47	.40	.35	.43	.38	.33	.31
6.0	.51	.41	.35	.49	.40	.34	.45	.38	.32	.42	.36	.31	.39	.33	.29	.27
7.0	.46	.37	.30	.44	.36	.30	.41	.34	.28	.38	.32	.27	.35	.30	.26	.23
8.0	.41	.33	.27	.40	.32	.26	.37	.30	.25	.35	.29	.24	.32	.27	.23	.21
9.0	.38	.30	.24	.37	.29	.23	.34	.27	.22	.32	.26	.21	.30	.24	.20	.18
10.0	.35	.27	.21	.34	.26	.21	.32	.25	.20	.30	.24	.19	.28	.22	.19	.17



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:0.1690A P:20.22W PF:0.9971 Lamp Flux:1382.76x1 lm		
NAME:	TYPE:EQS-28V-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.12*0.66	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	.362	.206	.065	.350	.199	.063	.327	.187	.060	.306	.176	.057	.286	.166	.053	
2.0	.320	.176	.054	.309	.170	.053	.289	.161	.050	.270	.151	.047	.252	.142	.045	
3.0	.288	.153	.046	.278	.149	.045	.259	.140	.043	.242	.133	.041	.226	.125	.039	
4.0	.261	.136	.040	.252	.132	.039	.235	.125	.037	.219	.118	.036	.205	.111	.034	
5.0	.238	.122	.035	.230	.118	.034	.215	.112	.033	.201	.106	.031	.187	.100	.030	
6.0	.219	.110	.031	.212	.107	.031	.198	.101	.029	.185	.096	.028	.172	.091	.027	
7.0	.203	.100	.028	.196	.098	.028	.183	.093	.027	.171	.088	.026	.160	.083	.024	
8.0	.188	.092	.026	.182	.090	.025	.170	.085	.024	.159	.081	.023	.149	.076	.022	
9.0	.176	.085	.024	.170	.083	.023	.159	.079	.022	.149	.075	.021	.139	.071	.020	
10.0	.165	.079	.022	.159	.077	.021	.149	.073	.021	.140	.070	.020	.131	.066	.019	

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	.318	.318	.318	.272	.272	.272	.185	.185	.185	.107	.107	.107	.034	.034	.034	
1.0	.312	.284	.259	.267	.244	.223	.183	.168	.154	.105	.097	.090	.034	.031	.029	
2.0	.305	.261	.224	.262	.225	.194	.179	.155	.135	.103	.090	.079	.033	.029	.026	
3.0	.298	.244	.202	.255	.211	.175	.175	.146	.123	.101	.086	.072	.033	.028	.024	
4.0	.290	.232	.187	.249	.200	.163	.171	.140	.114	.099	.082	.068	.032	.027	.022	
5.0	.283	.222	.177	.243	.192	.154	.167	.134	.109	.097	.079	.065	.031	.026	.021	
6.0	.276	.214	.170	.237	.185	.148	.163	.130	.105	.095	.076	.062	.031	.025	.021	
7.0	.269	.207	.164	.231	.180	.143	.160	.126	.102	.093	.074	.060	.030	.024	.020	
8.0	.262	.202	.160	.226	.175	.140	.156	.123	.099	.091	.072	.059	.029	.024	.020	
9.0	.256	.197	.157	.220	.171	.137	.153	.120	.097	.089	.071	.058	.029	.023	.019	
10.0	.250	.193	.155	.216	.167	.135	.150	.118	.096	.087	.070	.057	.028	.023	.019	

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:0.1690A P:20.22W PF:0.9971 Lamp Flux:1382.76x1 lm										
NAME:					TYPE:EQS-28V-PC			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: Blackjack Lighting					SUR.:0.12*0.66			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	16.4	17.8	16.9	18.2	18.8	17.7	19.0	18.1	19.5	20.0
3H	18.0	19.2	18.5	19.7	20.3	19.9	21.1	20.4	21.6	22.2
4H	18.6	19.8	19.1	20.3	20.9	21.0	22.2	21.6	22.7	23.3
6H	19.0	20.2	19.6	20.7	21.3	22.2	23.3	22.8	23.9	24.5
8H	19.2	20.3	19.8	20.8	21.5	22.9	24.0	23.4	24.5	25.2
12H	19.3	20.3	19.9	20.9	21.6	23.6	24.7	24.2	25.3	25.9
4H 2H	17.3	18.5	17.9	19.0	19.6	18.2	19.4	18.8	20.0	20.6
3H	19.1	20.2	19.7	20.7	21.4	20.7	21.7	21.2	22.3	22.9
4H	19.9	20.9	20.5	21.5	22.1	22.0	22.9	22.6	23.5	24.2
6H	20.5	21.4	21.2	22.0	22.7	23.4	24.3	24.0	24.9	25.6
8H	20.8	21.6	21.4	22.2	22.9	24.2	25.0	24.8	25.6	26.3
12H	20.9	21.7	21.6	22.3	23.1	25.1	25.8	25.7	26.4	27.2
8H 4H	20.6	21.4	21.2	22.0	22.8	22.3	23.1	23.0	23.7	24.5
6H	21.5	22.2	22.2	22.8	23.6	24.0	24.7	24.7	25.3	26.1
8H	21.9	22.5	22.6	23.2	24.0	25.0	25.6	25.7	26.2	27.0
12H	22.3	22.8	23.0	23.5	24.3	26.1	26.6	26.8	27.3	28.1
12H 4H	20.8	21.5	21.4	22.1	22.9	22.3	23.1	23.0	23.7	24.5
6H	21.8	22.4	22.5	23.1	23.9	24.1	24.7	24.8	25.4	26.2
8H	22.4	22.9	23.1	23.6	24.4	25.2	25.7	25.9	26.4	27.2
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 / - 0.5					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 1383 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:2015-05-18

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:0.1690A P:20.22W PF:0.9971 Lamp Flux:1382.76x1 lm		
NAME:	TYPE:EQS-28V-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.12*0.66	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	49	37	29	48	36	29	46	35	29	22
0.80	58	46	38	57	45	37	54	43	36	29
1.00	66	54	45	64	53	45	61	53	44	35
1.25	73	61	53	71	60	52	67	57	50	41
1.50	78	67	58	76	65	57	71	62	55	45
2.00	86	75	67	83	73	66	77	69	63	52
2.50	90	80	73	87	78	71	81	74	68	56
3.00	94	85	78	90	82	76	84	77	72	59
4.00	98	91	85	95	88	82	88	82	78	64
5.00	101	95	89	97	92	87	90	85	81	67
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

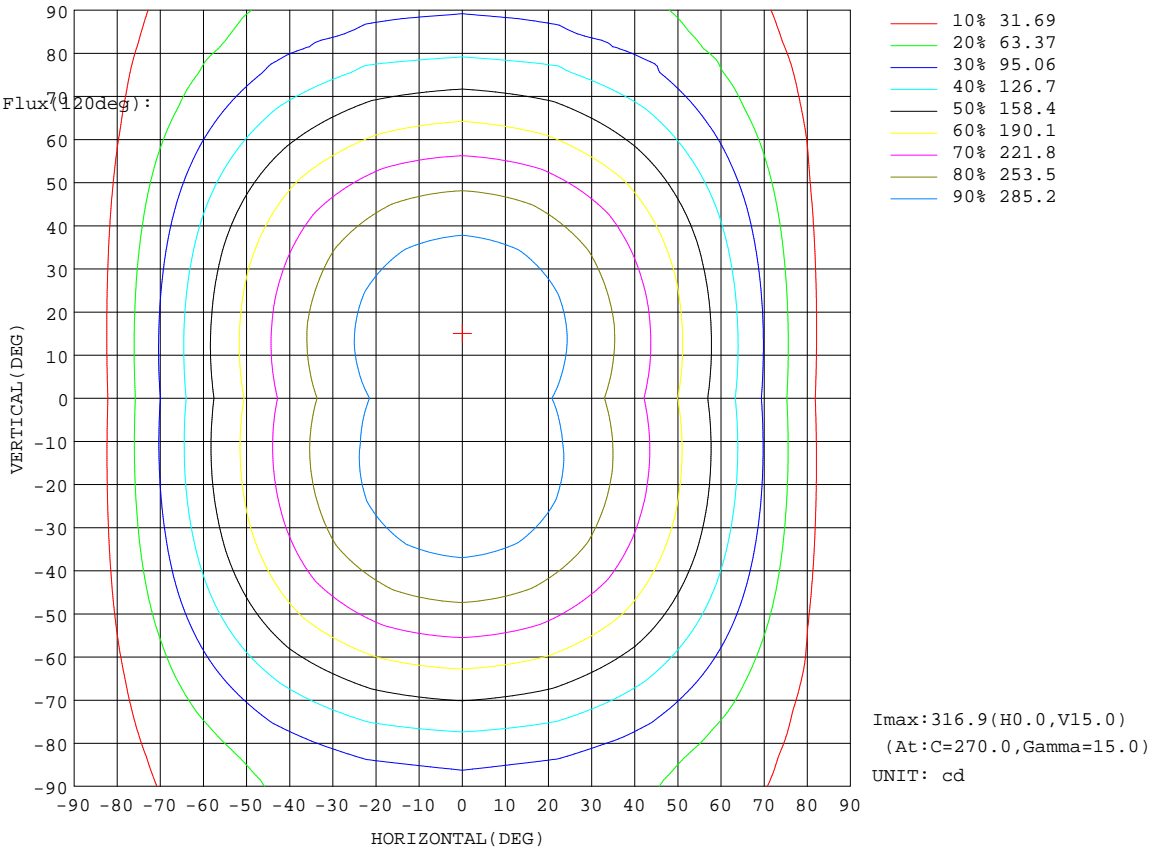
Test:U:120.0V I:0.1690A P:20.22W PF:0.9971 Lamp Flux:1382.76x1 lm		
NAME:	TYPE:EQS-28V-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.12*0.66	PROTECTION ANGLE:

Conical surface Flux(90deg):

518.75 lm
 %lum = 37.5%
 %lamp = 37.5%

Conical surface Flux(70deg):

797.21 lm
 %lum = 57.7%
 %lamp = 57.7%

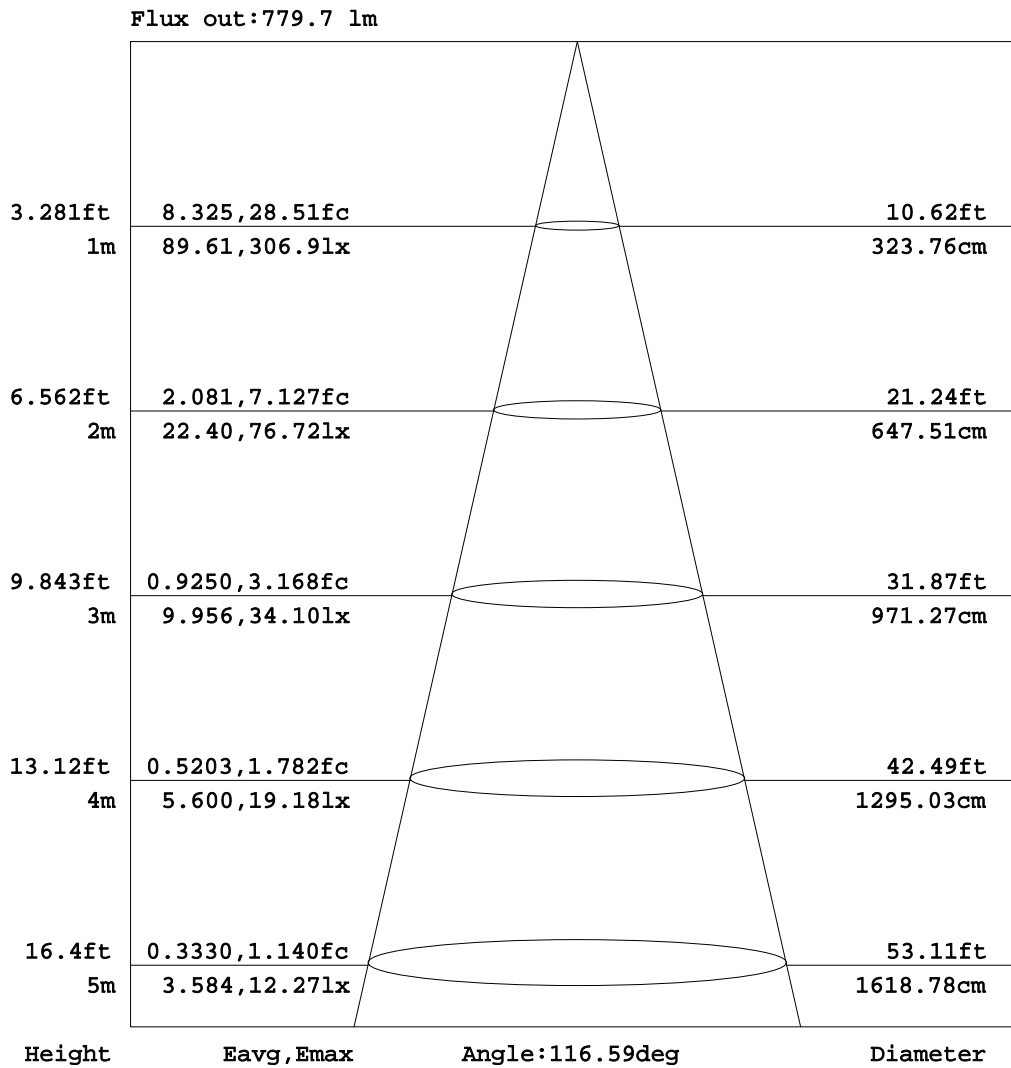


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.6DEG
 Operators:David
 Test Date:2015-05-18

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:0.1690A P:20.22W PF:0.9971 Lamp Flux:1382.76x1 lm		
NAME:	TYPE:EQS-28V-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.12*0.66	PROTECTION ANGLE:



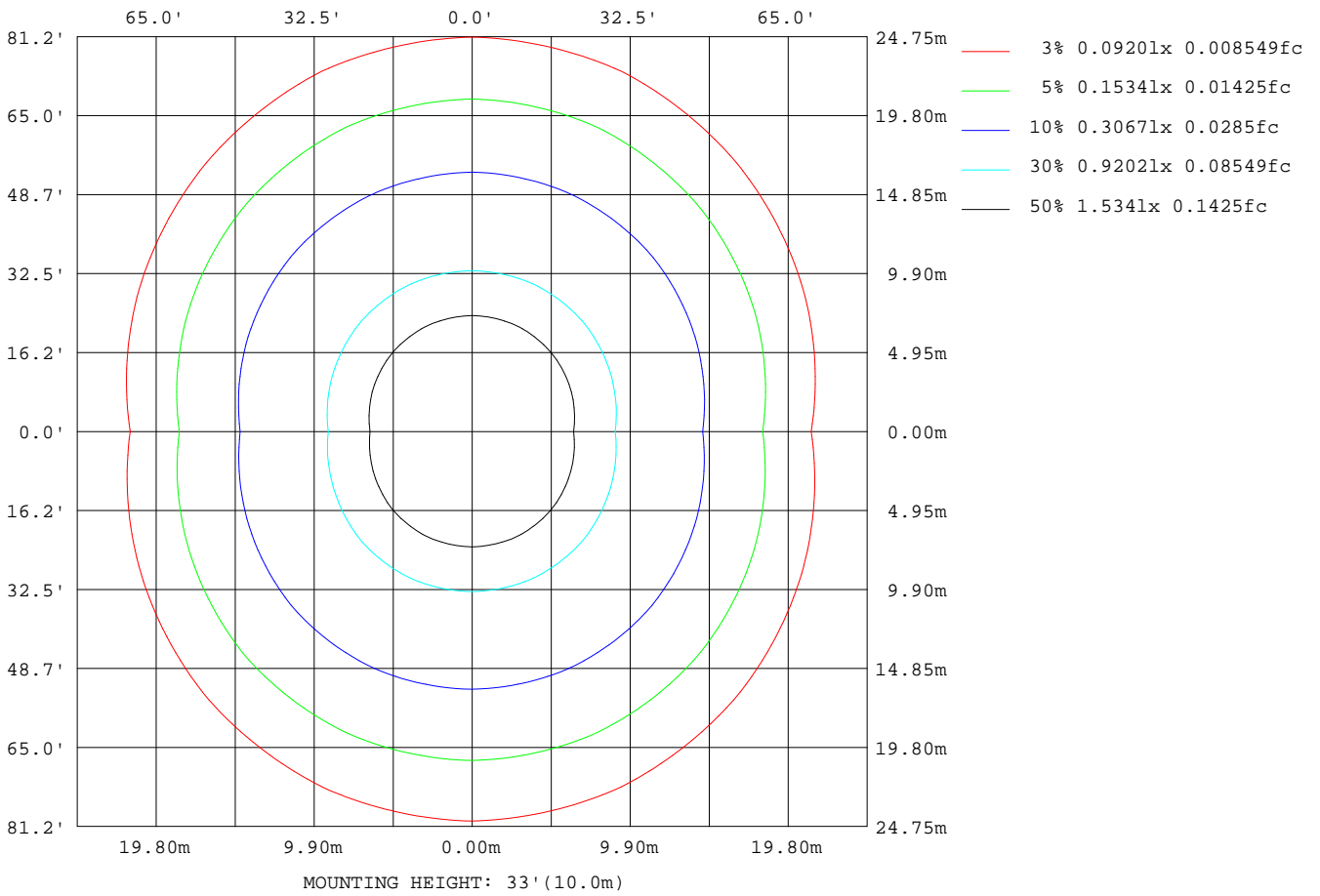
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

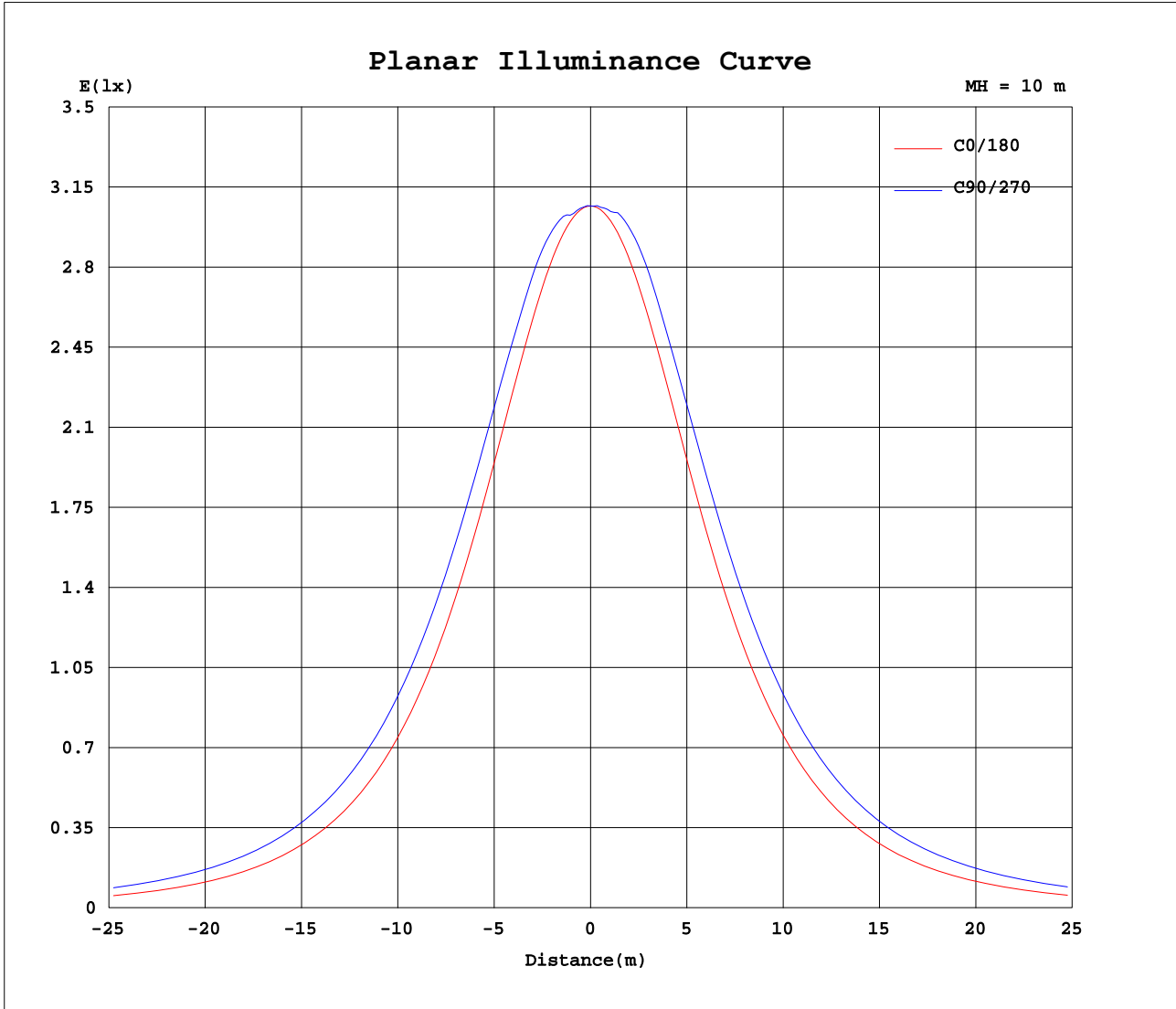
Test:U:120.0V I:0.1690A P:20.22W PF:0.9971 Lamp Flux:1382.76x1 lm		
NAME:	TYPE:EQS-28V-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.12*0.66	PROTECTION ANGLE:



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

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.1690A P:20.22W PF:0.9971 Lamp Flux:1382.76x1 lm		
NAME:	TYPE:EQS-28V-PC	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Blackjack Lighting	SUR.:0.12*0.66	PROTECTION ANGLE:

Table--1

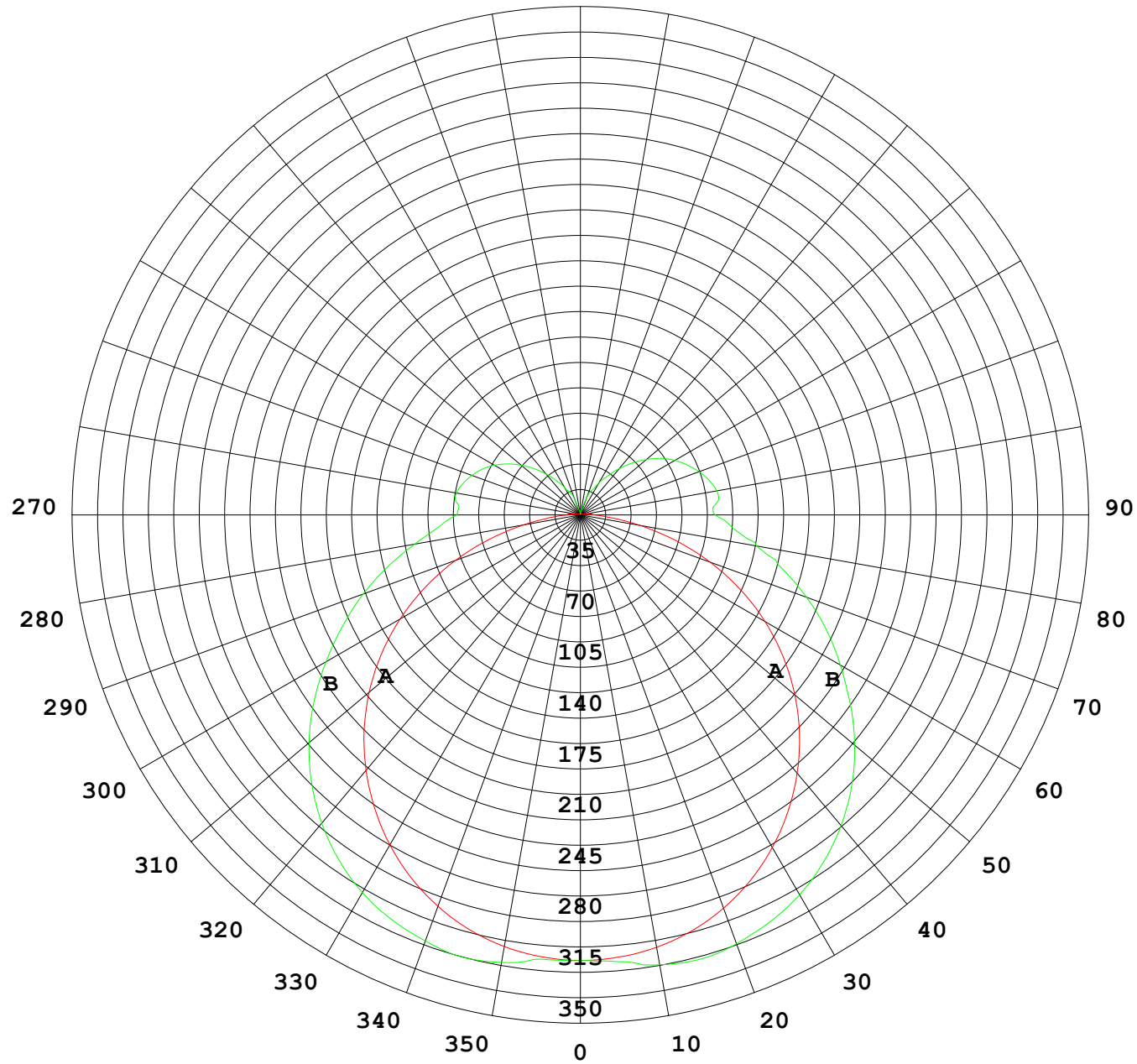
UNIT: cd

C (DEG) γ (DEG)	0	23	45	68	90	113	135	158	180	203	225	248	270	293	315	338			
0	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307			
5	305	306	306	307	307	307	306	306	306	306	307	308	309	308	307	306			
10	302	303	307	311	313	312	307	303	302	305	309	313	315	313	308	304			
15	296	298	307	313	315	313	308	298	296	301	310	315	317	315	309	300			
20	287	294	305	310	312	311	305	294	288	297	307	313	314	312	307	296			
25	276	286	298	305	308	305	299	287	277	289	301	307	309	306	300	288			
30	262	275	288	297	300	298	289	276	264	279	291	299	302	299	290	277			
35	247	263	277	287	290	288	279	264	249	267	280	289	292	289	279	264			
40	230	247	264	274	277	275	265	248	232	251	267	276	279	276	265	249			
45	211	229	248	258	262	259	249	231	213	233	251	261	264	261	249	231			
50	190	210	229	240	244	241	231	212	193	214	233	244	247	243	231	212			
55	167	189	209	220	224	221	210	191	171	193	213	224	227	223	211	191			
60	144	166	186	198	202	199	188	168	147	170	190	202	207	202	189	168			
65	118	142	162	176	181	176	164	144	121	146	166	182	187	181	165	143			
70	91.5	115	137	154	159	154	139	117	95.0	120	143	160	166	160	142	117			
75	64.7	88.7	114	131	137	132	115	90.2	67.8	92.6	120	139	144	138	119	90.3			
80	39.8	64.2	92.7	110	116	110	92.9	65.1	41.5	67.6	98.3	117	123	117	97.3	65.9			
85	21.4	46.1	74.3	92.2	98.3	92.7	74.9	45.0	19.7	48.5	80.4	99.5	106	99.0	79.3	47.4			
90	9.04	35.5	64.2	79.6	85.1	79.9	64.5	35.4	9.75	38.5	68.5	87.1	92.8	86.6	67.5	36.7			
95	7.66	32.9	61.3	78.6	84.6	78.9	61.7	32.9	7.38	36.3	67.8	87.7	94.2	87.5	67.0	34.8			
100	4.16	29.7	60.2	79.8	86.8	80.2	60.5	30.0	4.35	33.0	66.3	88.2	95.4	87.7	65.2	31.2			
105	2.53	25.3	56.6	76.7	83.7	77.0	57.1	25.3	2.43	28.8	62.5	84.6	91.9	83.9	61.2	26.9			
110	1.48	21.4	52.9	72.6	79.6	72.9	53.4	21.3	1.36	24.6	58.2	79.8	87.1	79.2	57.0	22.8			
115	1.29	17.8	47.9	67.8	74.7	68.2	48.3	17.8	1.28	21.0	53.5	74.5	81.4	73.9	52.2	19.0			
120	1.25	14.7	42.2	61.9	68.5	62.1	42.5	14.7	1.26	17.5	47.6	68.5	75.1	67.8	46.3	16.0			
125	1.22	11.7	36.3	54.7	61.3	55.0	36.7	11.9	1.28	14.7	41.6	61.3	67.9	60.5	40.1	13.0			
130	1.22	11.2	30.5	47.2	53.3	47.5	30.7	11.5	1.32	12.6	35.2	53.2	59.4	52.6	34.0	12.3			
135	1.23	8.62	24.7	39.6	45.1	39.9	25.1	10.2	1.31	11.5	28.9	45.0	50.6	44.4	27.9	11.1			
140	1.22	4.37	19.7	32.0	36.7	32.2	20.2	5.93	1.30	6.34	23.2	36.5	41.7	36.6	23.4	7.24			
145	1.22	2.88	15.9	25.2	28.8	25.4	16.2	3.79	1.28	3.07	17.5	28.6	33.0	29.7	18.9	4.99			
150	1.21	2.49	13.8	18.3	21.6	18.5	14.7	3.31	1.26	2.75	13.2	20.4	25.2	22.9	17.4	4.07			
155	1.20	2.18	6.46	16.0	17.1	16.2	7.40	2.92	1.24	2.28	4.37	16.6	18.9	18.7	14.4	3.73			
160	1.19	1.86	3.15	7.29	11.0	8.08	3.64	2.49	1.24	1.61	3.03	6.07	12.5	13.1	7.32	3.44			
165	1.09	1.54	2.47	3.16	3.53	3.38	2.87	1.99	1.13	1.17	2.40	3.17	3.92	4.30	3.64	3.03			
170	0.77	0.60	1.81	2.29	2.50	2.38	2.10	1.34	0.81	0.80	1.08	2.46	2.93	3.02	2.87	2.28			
175	0.70	0.55	0.86	1.37	1.49	1.27	1.12	0.96	0.75	0.75	0.75	0.88	1.65	1.94	1.78	1.24			
180	1.17	1.27	1.11	0.65	0.28	0.96	1.15	1.13	1.12	1.12	1.12	1.10	0.79	0.69	1.04	1.07			

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

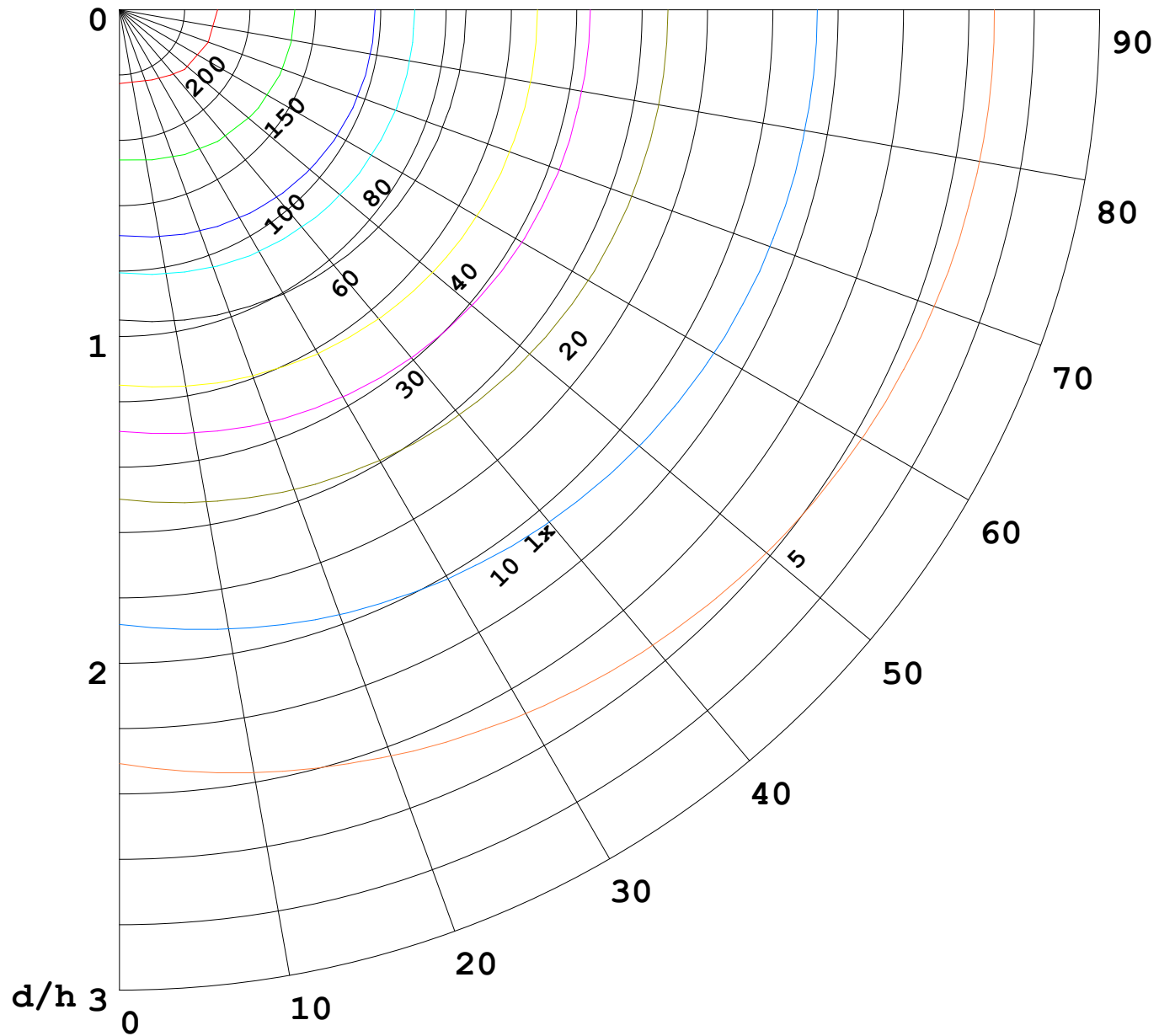
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.287
 Humidity:67.1%
 Test Distance:2.455m [K=1.0000]
 Remarks:

I (cd)



1000 lm

$\kappa = 1$



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

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

