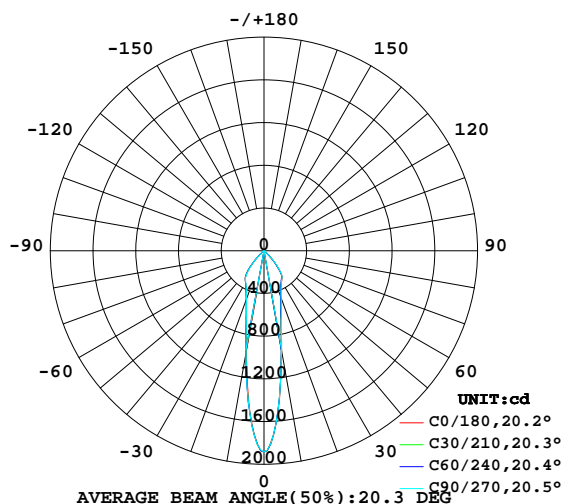


LUMINAIRE PHOTOMETRIC TEST REPORT

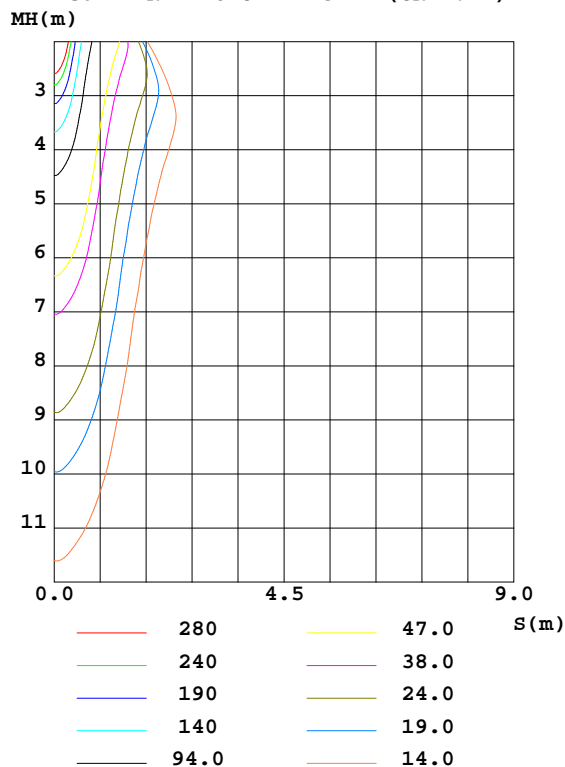
Test:U:226.4V I:0.0440A P:8.510W PF:0.8410 Lamp Flux:790.979x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 92.95 lm/W			
MODEL	M021-9W-830-S-16	Imax(cd)	1885	S/MH(C0/180)	0.34
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.34
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	790.99	η UP,DN(C0-180)	1.2,48.4
NOMINAL FLUX(lm)	790.979	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,49.2
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.5	η down(%)	97.6	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	950.2	948.6	950.4	956.7	951.6	964.9	979.0	947.4	0- 10	125.4	125.4	15.9,15.9
20	461.1	460.1	469.4	476.5	483.2	484.9	483.0	464.5	10- 20	179.3	304.7	38.5,38.5
30	332.6	324.8	328.8	334.5	346.8	346.3	343.5	332.0	20- 30	179.7	484.4	61.2,61.2
40	197.1	195.2	204.8	219.0	219.5	213.1	204.7	198.5	30- 40	179.1	663.4	83.9,83.9
50	23.87	26.38	26.34	28.46	29.07	28.76	27.50	25.80	40- 50	73.47	736.9	93.2,93.2
60	10.93	11.82	11.99	12.12	12.81	13.29	12.60	11.83	50- 60	15.43	752.4	95.1,95.1
70	6.842	7.369	7.599	7.588	8.030	8.497	7.865	7.261	60- 70	9.529	761.9	96.3,96.3
80	4.515	4.791	4.942	4.967	5.216	5.541	5.077	4.705	70- 80	6.587	768.5	97.2,97.2
90	1.560	1.279	1.277	1.274	1.466	1.485	1.469	1.505	80- 90	3.552	772.0	97.6,97.6
100	1.393	1.415	1.382	1.396	1.740	1.737	1.754	1.755	90-100	1.592	773.6	97.8,97.8
110	1.861	1.873	1.854	1.844	2.137	2.137	2.147	2.159	100-110	1.874	775.5	98,98
120	2.447	2.453	2.424	2.405	2.659	2.653	2.675	2.693	110-120	2.242	777.7	98.3,98.3
130	3.312	3.321	3.310	3.255	3.469	3.471	3.486	3.535	120-130	2.629	780.4	98.7,98.7
140	4.383	4.387	4.360	4.333	4.460	4.455	4.464	4.497	130-140	3.022	783.4	99,99
150	5.001	5.020	4.998	4.991	5.060	5.057	5.080	5.095	140-150	2.982	786.4	99.4,99.4
160	5.501	5.518	5.500	5.492	5.554	5.562	5.576	5.569	150-160	2.437	788.8	99.7,99.7
170	5.892	5.908	5.885	5.893	5.920	5.945	5.942	5.935	160-170	1.623	790.4	99.9,99.9
180	5.993	6.011	6.002	6.005	6.000	6.009	6.000	6.005	170-180	0.5679	791.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

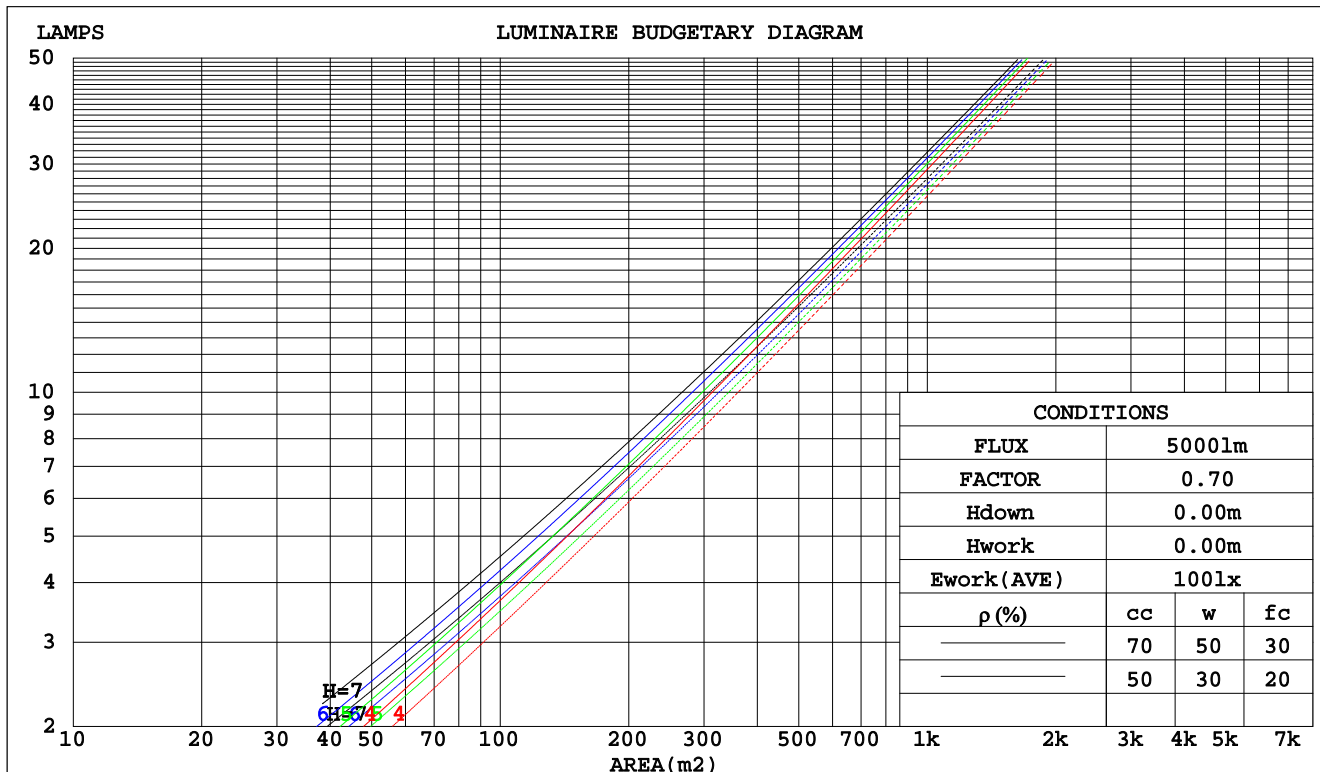
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.4V I:0.0440A P:8.510W PF:0.8410 Lamp Flux:790.979x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	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	Coefficients of Utilization(CU)															
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.09	1.07	1.04	1.07	1.05	1.02	1.03	1.01	.99	.98	.97	.96	.95	.93	.92	.90
2.0	1.01	.97	.93	.99	.95	.92	.96	.93	.90	.92	.90	.87	.89	.87	.85	.83
3.0	.94	.89	.85	.92	.88	.84	.89	.85	.82	.87	.83	.81	.84	.81	.79	.77
4.0	.88	.82	.77	.86	.81	.77	.84	.79	.76	.81	.78	.74	.79	.76	.73	.72
5.0	.82	.76	.71	.81	.75	.71	.79	.74	.70	.77	.73	.69	.75	.71	.68	.67
6.0	.77	.71	.66	.76	.70	.66	.74	.69	.65	.72	.68	.65	.71	.67	.64	.62
7.0	.72	.66	.62	.71	.66	.61	.70	.65	.61	.68	.64	.60	.67	.63	.60	.58
8.0	.68	.62	.58	.67	.62	.58	.66	.61	.57	.65	.60	.57	.64	.59	.56	.55
9.0	.64	.58	.54	.64	.58	.54	.63	.57	.54	.62	.57	.53	.60	.56	.53	.52
10.0	.61	.55	.51	.60	.55	.51	.59	.54	.51	.59	.54	.51	.58	.53	.50	.49



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:226.4V I:0.0440A P:8.510W PF:0.8410 Lamp Flux:790.979x1 lm					
NAME:		TYPE:		WEIGHT:	
DIM.:		SPEC.:		SERIAL No.:	
MFR.: Rayconn		SUR.:		PROTECTION ANGLE:	

pcc	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	.192	.109	.035	.184	.105	.033	.170	.098	.031	.157	.091	.029	.146	.084	.027	
2.0	.182	.100	.031	.176	.097	.030	.164	.091	.028	.153	.086	.027	.143	.081	.025	
3.0	.172	.092	.027	.167	.089	.027	.156	.085	.026	.147	.080	.025	.138	.076	.024	
4.0	.163	.085	.025	.158	.083	.024	.149	.079	.024	.141	.076	.023	.133	.072	.022	
5.0	.154	.079	.023	.150	.077	.022	.142	.074	.022	.135	.071	.021	.128	.068	.021	
6.0	.146	.073	.021	.143	.072	.021	.136	.070	.020	.129	.067	.020	.123	.065	.019	
7.0	.139	.069	.020	.136	.068	.019	.130	.066	.019	.124	.063	.018	.118	.061	.018	
8.0	.133	.065	.018	.130	.064	.018	.124	.062	.018	.119	.060	.017	.114	.058	.017	
9.0	.127	.061	.017	.124	.060	.017	.119	.059	.017	.114	.057	.016	.109	.056	.016	
10.0	.121	.058	.016	.118	.057	.016	.114	.056	.016	.109	.054	.015	.105	.053	.015	

pcc	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	.209	.209	.209	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.191	.176	.162	.163	.151	.140	.112	.104	.096	.064	.060	.056	.021	.019	.018	
2.0	.176	.151	.130	.151	.130	.112	.103	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.164	.132	.107	.141	.114	.093	.097	.079	.065	.056	.046	.038	.018	.015	.013	
4.0	.154	.118	.090	.132	.102	.078	.091	.071	.055	.053	.042	.033	.017	.014	.011	
5.0	.146	.106	.077	.125	.092	.067	.086	.064	.047	.050	.038	.028	.016	.012	.009	
6.0	.138	.097	.068	.119	.084	.059	.082	.059	.042	.048	.035	.025	.015	.011	.008	
7.0	.132	.090	.060	.113	.078	.052	.078	.055	.037	.046	.032	.022	.015	.011	.007	
8.0	.126	.084	.054	.108	.072	.047	.075	.051	.034	.044	.030	.020	.014	.010	.007	
9.0	.121	.078	.050	.104	.068	.043	.072	.048	.031	.042	.028	.018	.014	.009	.006	
10.0	.116	.074	.046	.100	.064	.040	.069	.045	.029	.040	.027	.017	.013	.009	.006	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:226.4V I:0.0440A P:8.510W PF:0.8410 Lamp Flux:790.979x1 lm											
NAME:					TYPE:			WEIGHT:			
DIM.:					SPEC.:			SERIAL No.:			
MFR.: Rayconn					SUR.:			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	2H	23.5	24.4	23.7	24.7	24.9	23.6	24.5	23.8	24.7	25.0
	3H	23.4	24.3	23.7	24.6	24.8	23.5	24.4	23.8	24.7	24.9
	4H	23.4	24.3	23.8	24.5	24.8	23.6	24.4	23.9	24.7	24.9
	6H	23.5	24.3	23.8	24.6	24.9	23.6	24.4	24.0	24.7	25.0
	8H	23.5	24.3	23.9	24.6	24.9	23.7	24.4	24.0	24.7	25.0
	12H	23.5	24.3	23.9	24.6	24.9	23.7	24.5	24.1	24.8	25.1
4H	2H	23.3	24.1	23.6	24.4	24.6	23.4	24.2	23.7	24.5	24.7
	3H	23.3	24.0	23.6	24.3	24.7	23.4	24.1	23.8	24.4	24.8
	4H	23.4	24.0	23.7	24.4	24.7	23.5	24.2	23.9	24.5	24.9
	6H	23.5	24.1	23.9	24.4	24.8	23.7	24.2	24.1	24.6	25.0
	8H	23.6	24.1	24.0	24.5	24.9	23.8	24.3	24.2	24.7	25.1
	12H	23.7	24.2	24.1	24.6	25.0	23.9	24.4	24.3	24.8	25.2
8H	4H	23.3	23.9	23.7	24.2	24.7	23.4	24.0	23.9	24.4	24.8
	6H	23.5	24.0	24.0	24.4	24.9	23.7	24.2	24.2	24.6	25.1
	8H	23.7	24.1	24.2	24.6	25.1	23.9	24.3	24.4	24.7	25.2
	12H	23.9	24.2	24.4	24.7	25.2	24.1	24.4	24.6	24.9	25.4
12H	4H	23.3	23.8	23.7	24.2	24.6	23.4	23.9	23.9	24.3	24.8
	6H	23.5	23.9	24.0	24.4	24.9	23.7	24.1	24.2	24.6	25.1
	8H	23.7	24.1	24.3	24.6	25.1	23.9	24.3	24.4	24.8	25.3
Variations with the observer position at spacings:											
S = 1.0H	+ 2.2 / - 4.4					+ 2.2 / - 4.2					
1.5H	+ 4.3 / - 4.3					+ 4.3 / - 4.1					
2.0H	+ 4.0 / - 1.2					+ 4.4 / - 1.2					

CIE Pub.117 Corrected 791.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.8)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:226.4V I:0.0440A P:8.510W PF:0.8410 Lamp Flux:790.979x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

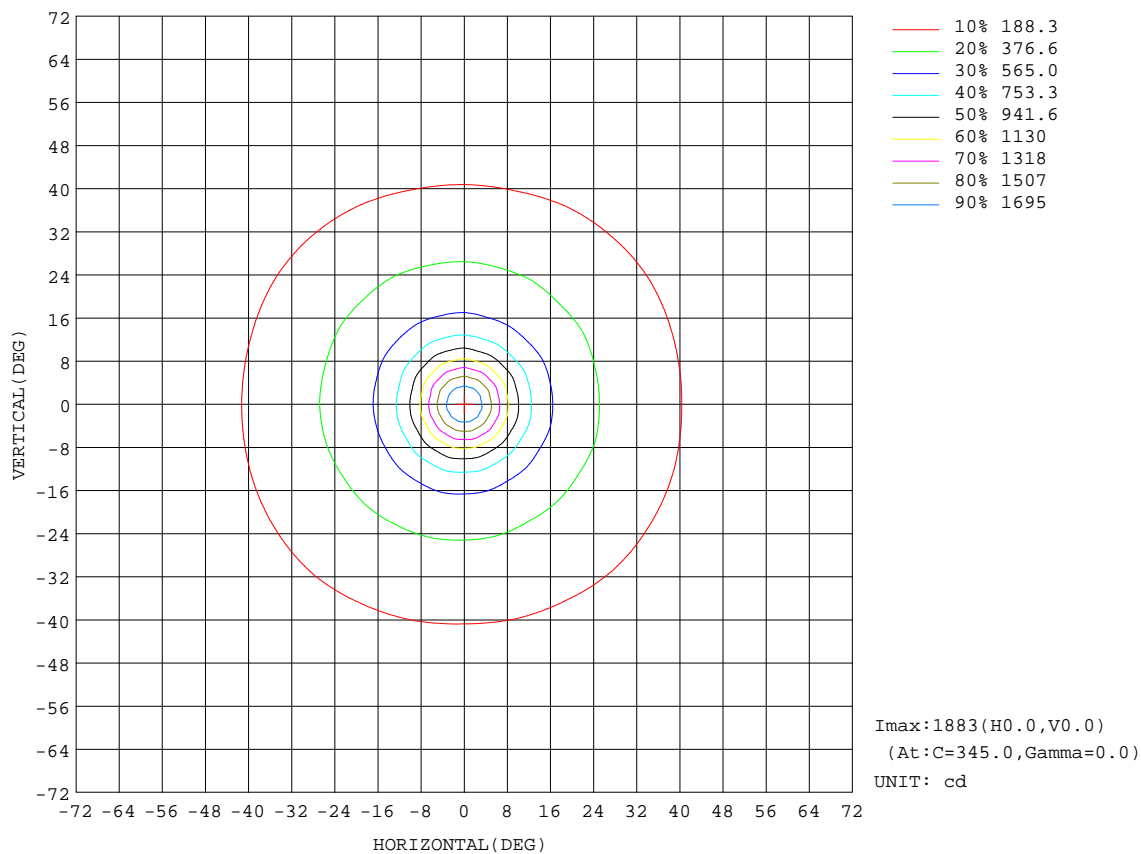
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	74	70	81	74	70	80	74	70	66
0.80	90	83	78	89	82	78	87	82	78	73
1.00	95	88	84	94	88	84	92	88	83	79
1.25	99	93	89	98	93	89	96	91	88	83
1.50	103	97	93	101	96	92	98	94	91	86
2.00	106	101	97	104	100	96	101	97	95	89
2.50	108	103	100	106	102	99	102	99	97	90
3.00	110	106	102	108	104	101	104	101	99	91
4.00	112	109	106	110	107	104	106	103	101	93
5.00	113	111	108	111	109	107	106	105	103	94
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:226.4V I:0.0440A P:8.510W PF:0.8410 Lamp Flux:790.979x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



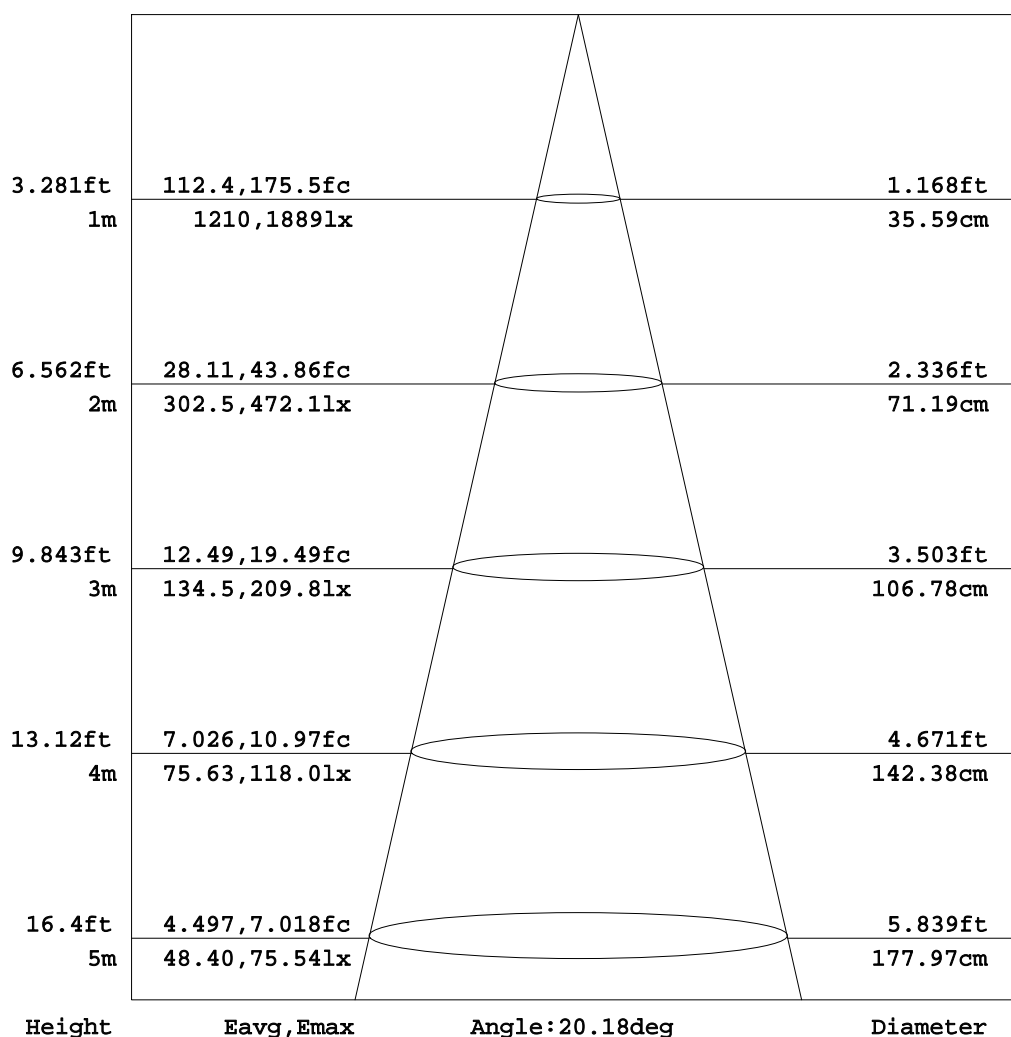
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

AAI Figure

Test:U:226.4V I:0.0440A P:8.510W PF:0.8410 Lamp Flux:790.979x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:143.6 lm



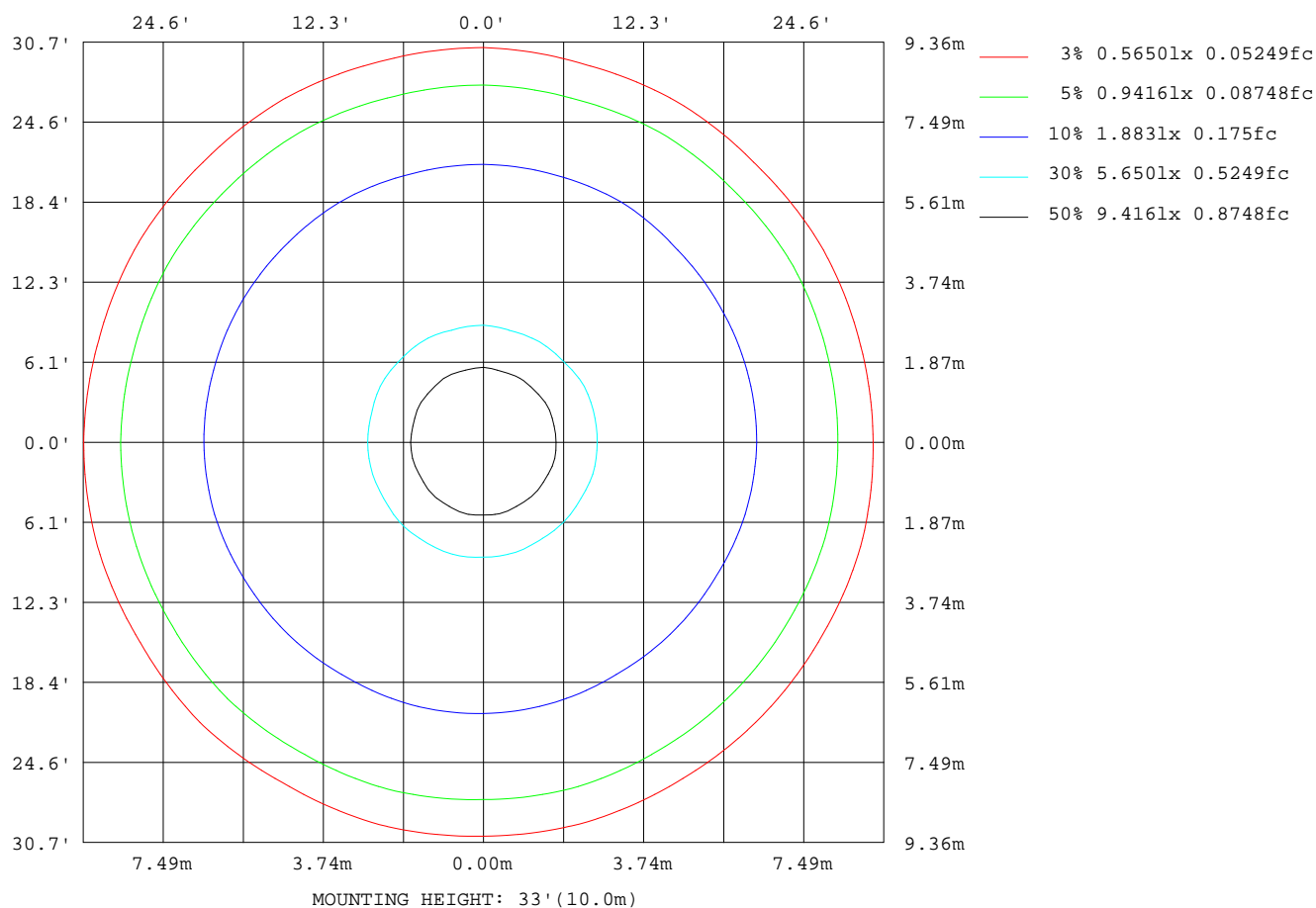
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.590m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

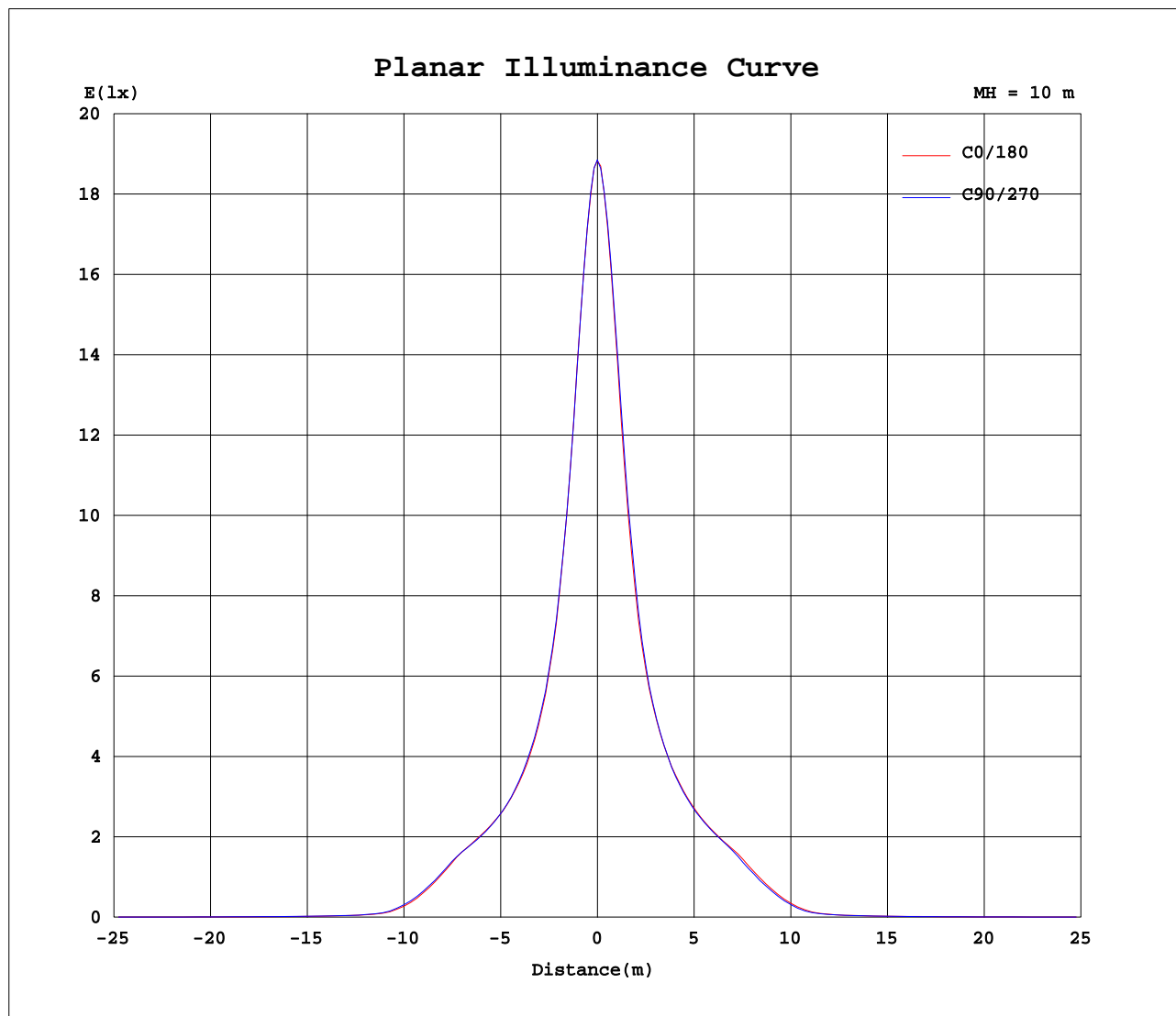
Test:U:226.4V I:0.0440A P:8.510W PF:0.8410 Lamp Flux:790.979x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.590m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2015-12-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.590m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.4V I:0.0440A P:8.510W PF:0.8410 Lamp Flux:790.979x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										SUR.:					PROTECTION ANGLE:				

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1885	1885	1885	1885	1885	1885	1885	1885	1885	1885	1885	1885	1885	1885	1885	1885	1885	1885	1885
5	1510	1519	1507	1522	1504	1518	1507	1515	1496	1511	1494	1508	1513	1498	1526	1514	1530	1510	1528
10	950	955	940	949	938	955	950	965	947	957	934	949	952	944	971	965	987	967	979
15	619	621	612	618	613	626	626	637	630	633	623	632	632	631	646	641	650	637	640
20	461	462	457	460	458	468	469	472	470	476	474	480	483	481	491	485	487	480	483
25	378	379	373	374	372	377	379	383	383	389	388	396	399	399	401	397	399	393	395
30	333	331	326	325	323	327	329	331	332	335	336	344	347	345	347	346	347	343	343
35	296	293	290	289	290	294	296	298	296	300	300	305	307	306	305	302	304	299	300
40	197	198	196	195	198	205	205	212	211	219	215	218	220	215	218	213	213	205	205
45	77.8	80.7	80.9	81.6	83.7	87.4	88.2	90.6	88.6	91.1	93.8	97.7	99.2	95.4	97.7	94.2	95.5	87.6	89.2
50	23.9	25.0	25.1	26.4	26.3	26.6	26.3	27.1	26.9	28.5	28.3	29.2	29.1	28.4	29.3	28.8	28.8	27.5	27.5
55	15.1	15.3	15.5	16.0	16.2	16.2	16.1	16.4	16.2	16.5	16.7	17.3	17.4	17.4	17.9	17.8	17.9	17.2	17.2
60	10.9	11.2	11.4	11.8	12.1	12.0	12.0	12.3	12.0	12.1	12.3	12.7	12.8	12.9	13.4	13.3	13.2	12.7	12.6
65	8.49	8.64	8.78	9.21	9.40	9.39	9.37	9.55	9.35	9.44	9.50	9.75	9.94	10.1	10.6	10.5	10.3	9.91	9.80
70	6.84	6.98	7.12	7.37	7.52	7.59	7.60	7.69	7.53	7.59	7.62	7.83	8.03	8.18	8.54	8.50	8.31	7.96	7.86
75	5.59	5.70	5.80	5.99	6.06	6.16	6.20	6.28	6.18	6.22	6.22	6.35	6.53	6.62	6.92	6.90	6.73	6.43	6.34
80	4.51	4.62	4.67	4.79	4.84	4.91	4.94	5.00	4.92	4.97	4.94	5.04	5.22	5.29	5.56	5.54	5.44	5.15	5.08
85	2.90	2.97	2.94	3.05	3.07	3.15	3.19	3.26	3.18	3.25	3.20	3.31	3.52	3.54	3.71	3.67	3.65	3.43	3.41
90	1.56	1.27	1.60	1.28	1.31	1.26	1.28	1.27	1.27	1.27	1.28	1.27	1.47	1.47	1.47	1.48	1.50	1.47	1.47
95	1.30	1.30	1.31	1.31	1.30	1.29	1.29	1.29	1.29	1.30	1.29	1.28	1.58	1.57	1.58	1.58	1.60	1.58	1.59
100	1.39	1.41	1.40	1.41	1.40	1.40	1.38	1.39	1.37	1.40	1.37	1.38	1.74	1.73	1.74	1.74	1.76	1.74	1.75
105	1.60	1.61	1.60	1.62	1.61	1.60	1.59	1.60	1.58	1.59	1.57	1.58	1.92	1.91	1.93	1.92	1.94	1.92	1.94
110	1.86	1.87	1.86	1.87	1.86	1.86	1.85	1.85	1.85	1.84	1.82	1.83	2.14	2.12	2.14	2.14	2.15	2.14	2.15
115	2.14	2.14	2.15	2.15	2.14	2.13	2.12	2.12	2.11	2.11	2.10	2.09	2.38	2.36	2.38	2.38	2.39	2.37	2.39
120	2.45	2.45	2.45	2.45	2.45	2.43	2.42	2.42	2.41	2.40	2.40	2.39	2.66	2.65	2.66	2.65	2.67	2.65	2.67
125	2.82	2.82	2.83	2.83	2.82	2.81	2.81	2.80	2.79	2.78	2.77	2.76	3.02	3.01	3.02	3.02	3.03	3.02	3.03
130	3.31	3.31	3.33	3.32	3.31	3.30	3.31	3.28	3.28	3.25	3.25	3.23	3.47	3.46	3.47	3.47	3.48	3.46	3.49
135	3.87	3.87	3.88	3.87	3.87	3.85	3.86	3.84	3.83	3.82	3.81	3.80	3.98	3.98	3.98	3.99	3.99	3.98	3.99
140	4.38	4.38	4.40	4.39	4.38	4.37	4.36	4.36	4.34	4.33	4.32	4.31	4.46	4.44	4.46	4.46	4.46	4.45	4.46
145	4.75	4.76	4.76	4.77	4.76	4.75	4.74	4.73	4.72	4.72	4.70	4.70	4.81	4.80	4.80	4.80	4.82	4.80	4.82
150	5.00	5.01	5.01	5.02	5.02	5.01	5.00	5.01	4.98	4.99	4.97	4.97	5.06	5.04	5.06	5.06	5.07	5.05	5.08
155	5.26	5.25	5.27	5.27	5.26	5.25	5.25	5.24	5.22	5.23	5.21	5.22	5.29	5.29	5.31	5.29	5.31	5.31	5.31
160	5.50	5.51	5.52	5.52	5.51	5.50	5.50	5.50	5.49	5.49	5.48	5.49	5.55	5.56	5.56	5.56	5.56	5.55	5.58
165	5.76	5.73	5.76	5.76	5.76	5.73	5.73	5.73	5.75	5.72	5.74	5.72	5.77	5.76	5.79	5.79	5.79	5.78	5.79
170	5.89	5.89	5.90	5.91	5.89	5.88	5.89	5.90	5.88	5.89	5.87	5.89	5.92	5.93	5.94	5.95	5.94	5.92	5.94
175	5.95	5.94	5.95	5.95	5.95	5.93	5.94	5.95	5.94	5.95	5.94	5.95	5.97	5.96	5.98	5.98	5.97	5.96	5.98
180	5.99	5.99	6.02	6.01	6.00	5.99	6.00	6.01	6.01	6.01	6.01	6.01	6.00	6.00	6.01	6.01	6.01	5.99	6.00

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.4V I:0.0440A P:8.510W PF:0.8410 Lamp Flux:790.979x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	1885	1885	1885	1885	1885														
5	1506	1524	1509	1523	1503														
10	952	963	947	962	945														
15	626	628	619	631	623														
20	469	471	465	468	462														
25	389	387	381	383	378														
30	340	338	332	333	331														
35	297	298	295	294	294														
40	200	204	199	203	198														
45	80.0	81.8	77.4	79.0	75.4														
50	26.5	26.7	25.8	25.0	23.8														
55	16.7	16.7	16.2	15.8	15.1														
60	12.3	12.3	11.8	11.5	11.1														
65	9.60	9.50	9.13	8.90	8.57														
70	7.68	7.56	7.26	7.08	6.90														
75	6.22	6.12	5.88	5.77	5.66														
80	4.97	4.87	4.70	4.65	4.56														
85	3.29	3.22	3.10	3.08	3.02														
90	1.48	1.48	1.51	1.50	1.49														
95	1.59	1.60	1.60	1.61	1.59														
100	1.74	1.76	1.75	1.77	1.75														
105	1.93	1.95	1.97	1.96	1.97														
110	2.15	2.16	2.16	2.18	2.17														
115	2.39	2.40	2.41	2.42	2.41														
120	2.67	2.69	2.69	2.71	2.72														
125	3.05	3.05	3.06	3.07	3.08														
130	3.49	3.50	3.53	3.52	3.54														
135	4.01	4.01	4.03	4.04	4.06														
140	4.46	4.48	4.50	4.50	4.51														
145	4.82	4.83	4.84	4.86	4.85														
150	5.07	5.08	5.09	5.09	5.11														
155	5.34	5.32	5.33	5.34	5.33														
160	5.57	5.57	5.57	5.58	5.57														
165	5.79	5.79	5.79	5.80	5.79														
170	5.94	5.94	5.94	5.94	5.94														
175	5.98	5.98	5.99	5.98	5.98														
180	6.01	6.00	6.01	6.00	6.01														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks: