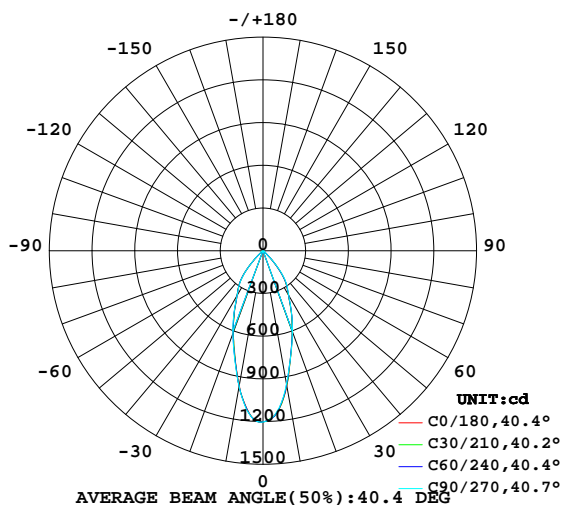


LUMINAIRE PHOTOMETRIC TEST REPORT

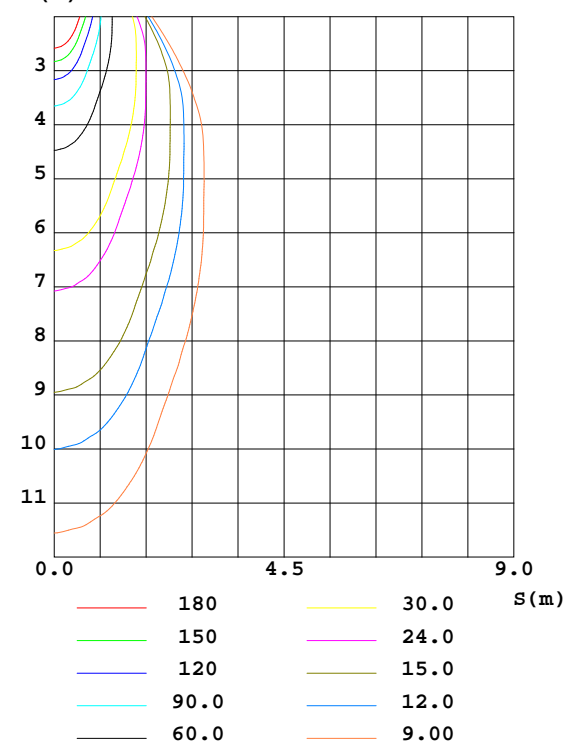
Test:U:226.4V I:0.0440A P:8.510W PF:0.8410 Lamp Flux:834.691x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 98.08 lm/W			
MODEL	M021-9W-830-S-40	Imax(cd)	1207	S/MH(C0/180)	0.62
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.62
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	834.69	η UP,DN(C0-180)	1.2,48.7
NOMINAL FLUX(lm)	834.691	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.9
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.5	η down(%)	97.6	CIBSE SHR MAX	0.65

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	964.4	966.8	951.0	959.5	961.4	958.6	967.3	960.0	0- 10	103.1	103.1	12.3,12.3
20	604.0	604.3	606.1	619.4	611.0	605.4	618.7	610.3	10- 20	213.6	316.7	37.9,37.9
30	358.6	364.1	362.3	366.0	365.6	365.4	365.6	359.4	20- 30	218.0	534.7	64.1,64.1
40	182.1	187.1	194.3	201.7	201.1	194.4	194.5	190.6	30- 40	177.3	712.0	85.3,85.3
50	22.50	24.27	24.69	24.59	24.12	24.10	23.01	22.92	40- 50	66.22	778.2	93.2,93.2
60	12.78	13.59	14.23	14.39	14.23	13.94	13.10	12.73	50- 60	16.16	794.4	95.2,95.2
70	6.678	7.242	7.826	8.209	8.269	8.045	7.109	6.686	60- 70	9.963	804.3	96.4,96.4
80	4.209	4.633	5.063	5.492	5.695	5.458	4.624	4.296	70- 80	6.474	810.8	97.1,97.1
90	1.354	1.370	1.358	1.371	1.566	1.588	1.584	1.641	80- 90	3.641	814.5	97.6,97.6
100	1.507	1.530	1.511	1.534	1.826	1.836	1.852	1.870	90-100	1.701	816.2	97.8,97.8
110	1.932	1.949	1.926	1.939	2.249	2.259	2.277	2.290	100-110	1.982	818.1	98,98
120	2.603	2.615	2.602	2.604	2.859	2.876	2.900	2.923	110-120	2.383	820.5	98.3,98.3
130	3.549	3.556	3.537	3.539	3.738	3.755	3.763	3.796	120-130	2.847	823.4	98.6,98.6
140	4.600	4.608	4.584	4.580	4.706	4.730	4.730	4.746	130-140	3.213	826.6	99,99
150	5.344	5.368	5.335	5.355	5.427	5.446	5.441	5.454	140-150	3.170	829.8	99.4,99.4
160	5.870	5.889	5.855	5.873	5.932	5.942	5.949	5.954	150-160	2.615	832.4	99.7,99.7
170	6.228	6.233	6.219	6.223	6.250	6.268	6.276	6.274	160-170	1.722	834.1	99.9,99.9
180	6.436	6.455	6.448	6.457	6.434	6.453	6.446	6.459	170-180	0.6041	834.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

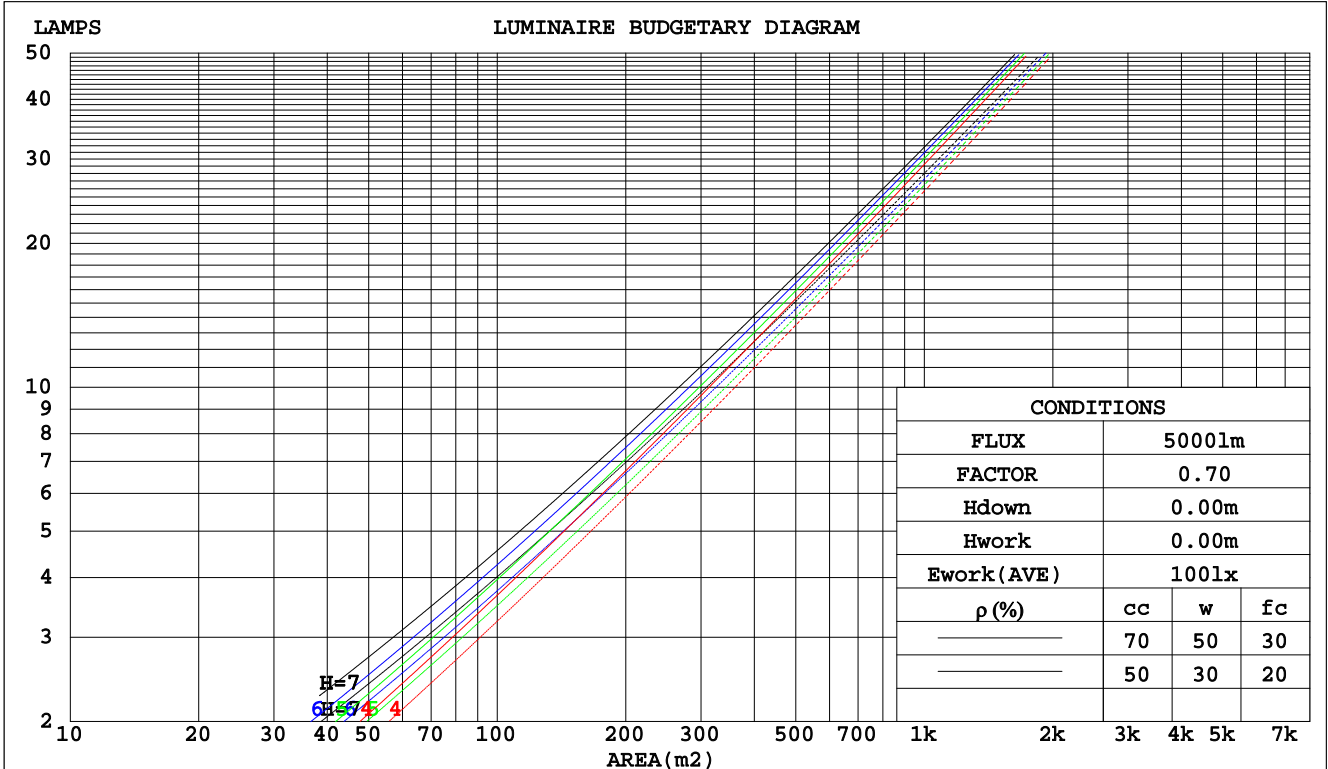
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:834.69lx1 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	RCR:Room Cavity Ratio						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	.95	.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	.72	.69	.75	.71	.68	.67
6.0	.77	.70	.66	.76	.70	.66	.74	.69	.65	.72	.68	.64	.71	.67	.64	.62
7.0	.72	.66	.61	.71	.65	.61	.70	.64	.61	.68	.64	.60	.67	.63	.60	.58
8.0	.68	.62	.57	.67	.61	.57	.66	.61	.57	.65	.60	.56	.63	.59	.56	.55
9.0	.64	.58	.54	.63	.58	.54	.62	.57	.53	.61	.56	.53	.60	.56	.53	.51
10.0	.60	.55	.51	.60	.54	.51	.59	.54	.50	.58	.53	.50	.57	.53	.50	.48



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:834.69lx1 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	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	.142	.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	.155	.079	.023	.150	.077	.022	.142	.074	.022	.135	.071	.021	.128	.068	.021		
6.0	.147	.074	.021	.143	.072	.021	.136	.070	.020	.129	.067	.020	.123	.065	.019		
7.0	.140	.069	.020	.136	.068	.019	.130	.066	.019	.124	.064	.019	.119	.062	.018		
8.0	.133	.065	.018	.130	.064	.018	.125	.062	.018	.119	.060	.017	.114	.059	.017		
9.0	.127	.062	.017	.125	.061	.017	.119	.059	.017	.115	.057	.016	.110	.056	.016		
10.0	.122	.058	.016	.119	.058	.016	.115	.056	.016	.110	.055	.016	.106	.053	.015		

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	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.191	.176	.162	.163	.151	.140	.112	.104	.097	.064	.060	.056	.021	.019	.018	
2.0	.176	.151	.130	.151	.130	.112	.104	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.165	.132	.107	.141	.114	.093	.097	.079	.065	.056	.046	.038	.018	.015	.013	
4.0	.155	.118	.090	.133	.102	.078	.091	.071	.055	.053	.042	.033	.017	.014	.011	
5.0	.146	.107	.077	.125	.092	.067	.086	.064	.048	.050	.038	.028	.016	.012	.009	
6.0	.139	.097	.068	.119	.084	.059	.082	.059	.042	.048	.035	.025	.015	.011	.008	
7.0	.132	.090	.060	.114	.078	.053	.079	.055	.037	.046	.032	.022	.015	.011	.007	
8.0	.126	.084	.055	.109	.073	.048	.075	.051	.034	.044	.030	.020	.014	.010	.007	
9.0	.121	.079	.050	.105	.068	.044	.072	.048	.031	.042	.028	.018	.014	.009	.006	
10.0	.117	.074	.046	.101	.065	.040	.070	.045	.029	.041	.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:834.69lx1 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	23.1	24.1	23.3	24.3	24.5	23.3	24.3	23.6	24.5	24.7
	3H	23.0	23.9	23.3	24.2	24.4	23.3	24.2	23.6	24.4	24.7
	4H	23.1	23.9	23.4	24.2	24.4	23.3	24.2	23.6	24.4	24.7
	6H	23.1	23.9	23.4	24.2	24.5	23.4	24.2	23.7	24.5	24.8
	8H	23.1	23.9	23.5	24.2	24.5	23.4	24.2	23.8	24.5	24.8
	12H	23.1	23.9	23.5	24.2	24.5	23.5	24.2	23.9	24.5	24.9
4H	2H	22.9	23.7	23.2	24.0	24.3	23.1	24.0	23.4	24.2	24.5
	3H	22.9	23.7	23.3	24.0	24.3	23.2	23.9	23.5	24.2	24.5
	4H	23.0	23.6	23.4	24.0	24.3	23.3	23.9	23.6	24.3	24.6
	6H	23.1	23.7	23.5	24.1	24.5	23.4	24.0	23.8	24.4	24.8
	8H	23.2	23.7	23.6	24.1	24.5	23.5	24.1	24.0	24.5	24.9
	12H	23.3	23.8	23.7	24.2	24.6	23.7	24.2	24.1	24.6	25.0
8H	4H	22.9	23.5	23.4	23.9	24.3	23.2	23.7	23.6	24.1	24.6
	6H	23.2	23.6	23.6	24.0	24.5	23.5	23.9	23.9	24.4	24.8
	8H	23.3	23.7	23.8	24.2	24.6	23.7	24.1	24.1	24.5	25.0
	12H	23.5	23.8	24.0	24.3	24.8	23.9	24.2	24.4	24.7	25.2
12H	4H	22.9	23.4	23.4	23.8	24.3	23.2	23.7	23.6	24.1	24.5
	6H	23.2	23.6	23.6	24.0	24.5	23.5	23.9	24.0	24.3	24.8
	8H	23.3	23.7	23.9	24.2	24.7	23.7	24.0	24.2	24.5	25.0
Variations with the observer position at spacings:											
S = 1.0H	+ 2.2 / - 4.1					+ 2.1 / - 3.8					
1.5H	+ 4.3 / - 4.0					+ 4.2 / - 3.7					
2.0H	+ 3.6 / - 0.9					+ 3.7 / - 0.9					

CIE Pub.117 Corrected 834.7 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.6)

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:834.69lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

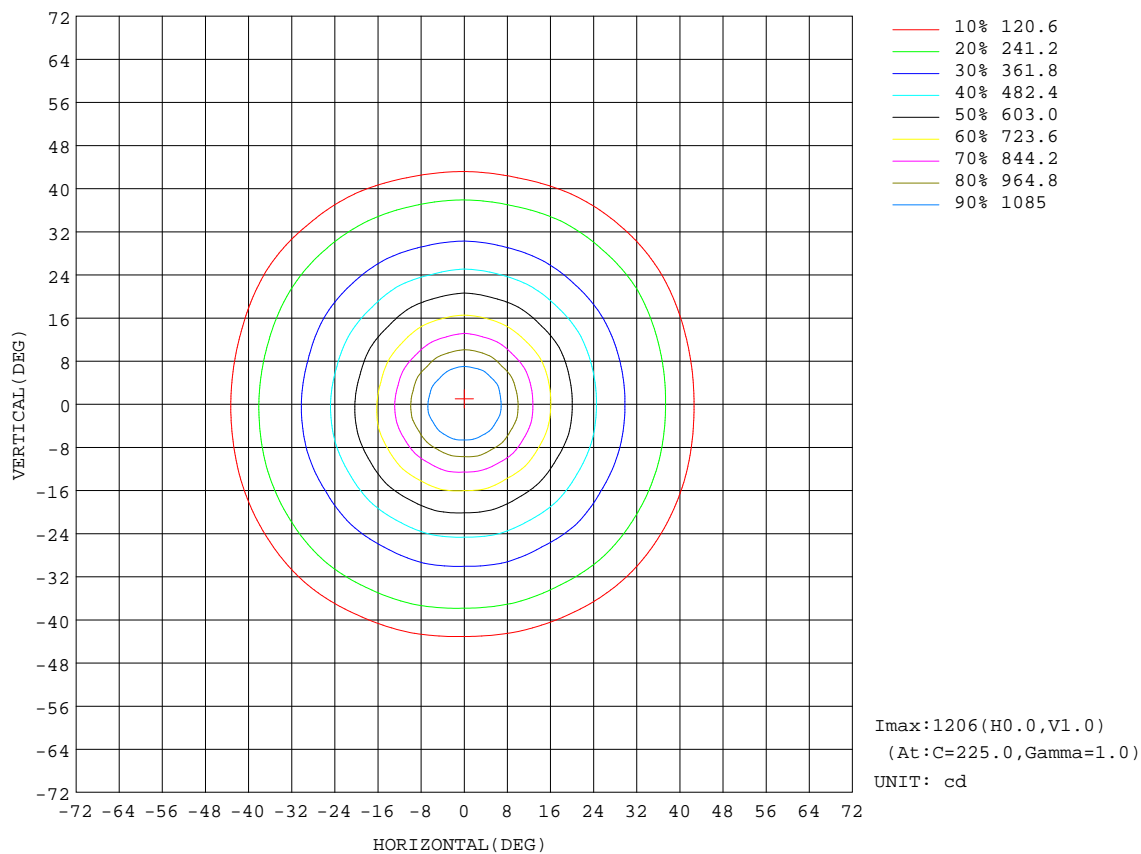
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	71	82	75	71	81	75	71	67
0.80	90	84	79	89	83	79	88	82	79	75
1.00	95	89	85	94	89	85	93	88	84	79
1.25	100	94	90	99	93	90	96	92	89	84
1.50	103	97	94	101	97	93	99	95	92	87
2.00	106	101	98	104	100	97	101	98	95	89
2.50	108	104	100	106	102	99	103	100	97	90
3.00	110	106	103	108	104	102	104	101	99	92
4.00	112	109	106	110	107	105	106	103	102	94
5.00	113	111	109	111	109	107	107	105	103	95
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:834.69lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



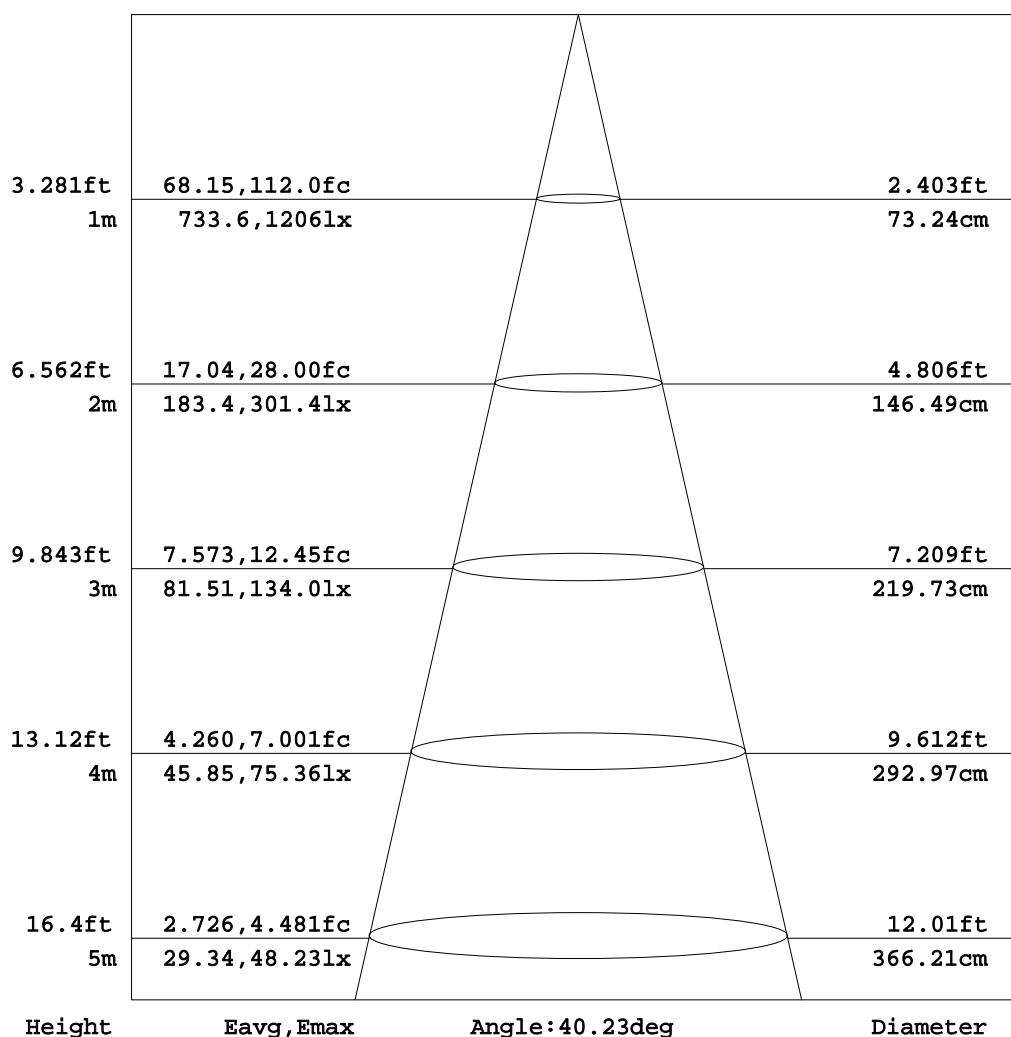
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:834.69lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:339.6 lm



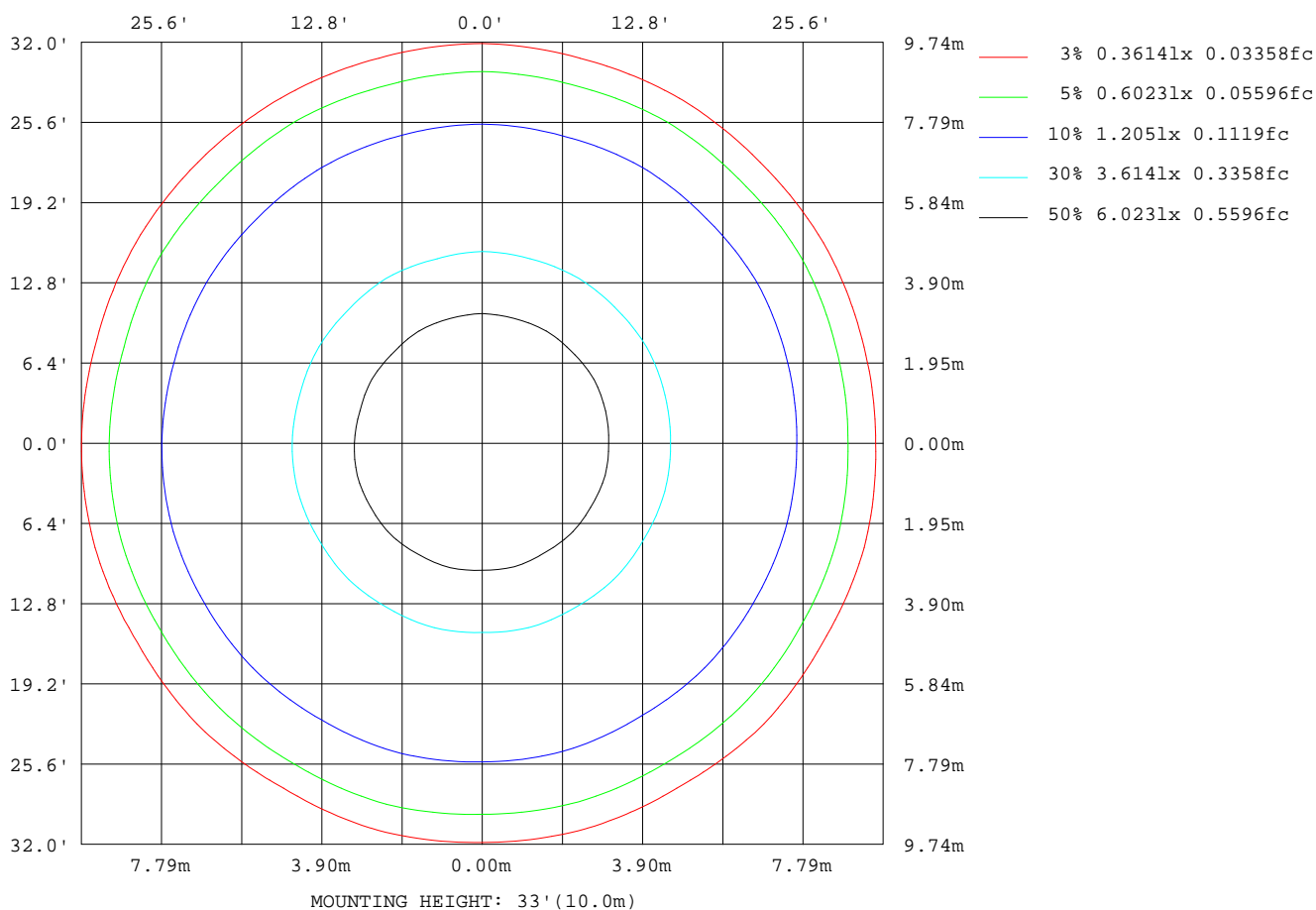
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

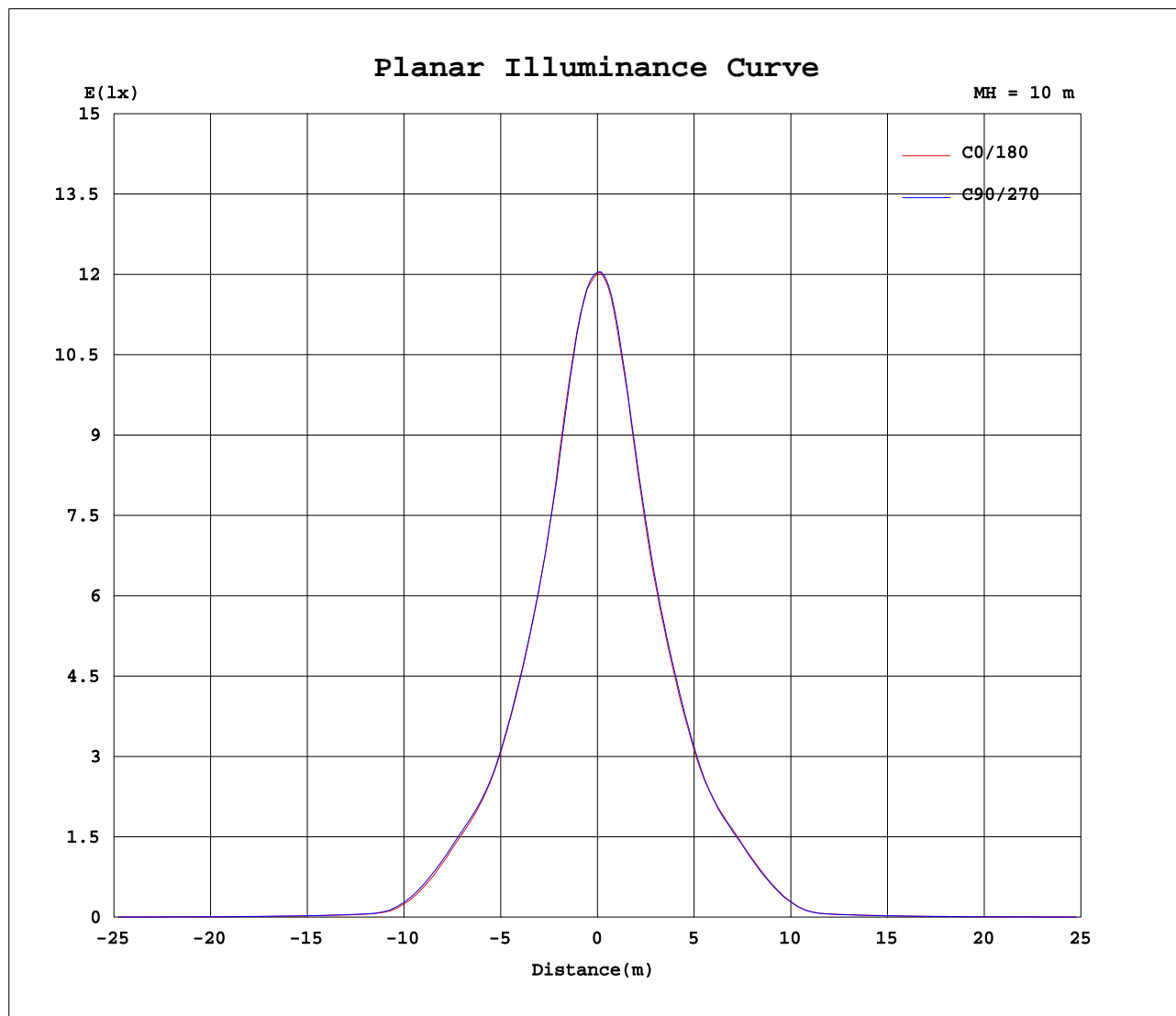
Test:U:226.4V I:0.0440A P:8.510W PF:0.8410 Lamp Flux:834.69lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:834.69lx1 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	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202
5	1140	1142	1141	1143	1140	1142	1133	1139	1140	1140	1138	1145	1141	1136	1144	1141	1145	1142	1147
10	964	968	962	967	956	962	951	956	954	959	954	966	961	956	967	959	967	963	967
15	757	761	757	758	753	761	756	767	767	771	767	772	765	754	766	762	769	767	776
20	604	606	599	604	602	610	606	614	613	619	612	617	611	604	611	605	616	613	619
25	470	473	469	475	471	479	473	479	477	481	475	480	478	472	477	473	481	475	483
30	359	359	358	364	360	366	362	367	364	366	362	368	366	361	367	365	368	364	366
35	282	284	284	288	286	292	292	295	295	297	294	298	297	293	296	292	292	290	290
40	182	186	185	187	188	193	194	199	199	202	201	202	201	198	202	194	198	193	194
45	70.1	72.1	73.2	74.0	75.4	78.6	78.2	80.9	77.4	77.6	77.9	80.9	82.4	76.3	83.4	76.9	82.6	77.5	80.4
50	22.5	23.4	23.3	24.3	24.1	24.5	24.7	25.3	24.9	24.6	23.9	24.1	24.1	24.3	24.8	24.1	23.9	23.0	23.0
55	17.0	17.3	17.5	18.0	18.2	18.6	18.7	18.9	18.7	18.7	18.5	18.6	18.5	18.6	18.8	18.3	18.0	17.4	17.2
60	12.8	13.0	13.2	13.6	13.7	14.0	14.2	14.4	14.3	14.4	14.3	14.3	14.2	14.2	14.4	13.9	13.7	13.2	13.1
65	8.92	9.12	9.22	9.56	9.65	9.98	10.2	10.4	10.4	10.5	10.4	10.5	10.4	10.4	10.6	10.2	9.83	9.43	9.29
70	6.68	6.83	6.96	7.24	7.35	7.62	7.83	8.06	8.07	8.21	8.15	8.24	8.27	8.26	8.39	8.05	7.66	7.29	7.11
75	5.30	5.42	5.58	5.80	5.91	6.11	6.30	6.50	6.58	6.70	6.70	6.76	6.86	6.90	6.94	6.65	6.28	5.95	5.77
80	4.21	4.33	4.44	4.63	4.75	4.90	5.06	5.27	5.35	5.49	5.52	5.55	5.69	5.71	5.74	5.46	5.23	4.80	4.62
85	2.84	2.95	2.98	3.14	3.24	3.30	3.39	3.53	3.53	3.64	3.64	3.68	3.87	3.87	3.90	3.70	3.64	3.28	3.19
90	1.35	1.34	1.36	1.37	1.43	1.35	1.36	1.35	1.36	1.37	1.39	1.33	1.57	1.57	1.57	1.59	1.68	1.59	1.58
95	1.38	1.41	1.39	1.42	1.42	1.41	1.39	1.40	1.39	1.42	1.41	1.39	1.68	1.66	1.68	1.67	1.73	1.68	1.70
100	1.51	1.53	1.51	1.53	1.53	1.53	1.51	1.52	1.51	1.53	1.51	1.50	1.83	1.82	1.84	1.84	1.86	1.86	1.85
105	1.69	1.70	1.69	1.71	1.70	1.70	1.69	1.69	1.68	1.70	1.68	1.68	2.02	2.00	2.02	2.02	2.05	2.03	2.05
110	1.93	1.94	1.94	1.95	1.94	1.94	1.93	1.93	1.92	1.94	1.91	1.91	2.25	2.24	2.25	2.26	2.27	2.27	2.28
115	2.24	2.24	2.24	2.25	2.24	2.25	2.23	2.23	2.23	2.23	2.22	2.22	2.53	2.52	2.54	2.53	2.56	2.55	2.56
120	2.60	2.61	2.61	2.62	2.62	2.61	2.60	2.60	2.60	2.60	2.58	2.58	2.86	2.86	2.88	2.88	2.90	2.89	2.90
125	3.05	3.05	3.05	3.05	3.06	3.04	3.04	3.04	3.05	3.04	3.02	3.02	3.28	3.27	3.29	3.29	3.30	3.30	3.30
130	3.55	3.54	3.56	3.56	3.55	3.55	3.54	3.53	3.54	3.54	3.52	3.51	3.74	3.73	3.75	3.75	3.76	3.76	3.76
135	4.08	4.08	4.10	4.09	4.09	4.08	4.07	4.07	4.07	4.07	4.05	4.05	4.22	4.24	4.25	4.25	4.26	4.25	4.25
140	4.60	4.59	4.61	4.61	4.60	4.59	4.58	4.58	4.59	4.58	4.57	4.57	4.71	4.71	4.71	4.73	4.73	4.73	4.73
145	5.03	5.02	5.04	5.04	5.03	5.04	5.02	5.01	5.02	5.02	5.01	5.01	5.11	5.10	5.13	5.12	5.13	5.13	5.12
150	5.34	5.35	5.36	5.37	5.35	5.36	5.34	5.35	5.35	5.35	5.33	5.35	5.43	5.42	5.45	5.45	5.45	5.44	5.44
155	5.64	5.63	5.64	5.64	5.64	5.64	5.61	5.61	5.62	5.63	5.62	5.62	5.69	5.70	5.72	5.71	5.72	5.71	5.71
160	5.87	5.87	5.89	5.89	5.87	5.88	5.86	5.87	5.86	5.87	5.85	5.87	5.93	5.93	5.95	5.94	5.96	5.95	5.95
165	6.07	6.08	6.09	6.08	6.07	6.07	6.06	6.06	6.07	6.06	6.07	6.07	6.11	6.11	6.14	6.14	6.14	6.14	6.14
170	6.23	6.22	6.23	6.23	6.23	6.24	6.22	6.22	6.23	6.22	6.22	6.23	6.25	6.25	6.27	6.27	6.28	6.27	6.28
175	6.35	6.35	6.36	6.36	6.35	6.35	6.34	6.35	6.35	6.36	6.35	6.36	6.36	6.35	6.38	6.37	6.38	6.37	6.37
180	6.44	6.43	6.46	6.45	6.45	6.45	6.45	6.45	6.46	6.46	6.46	6.46	6.43	6.44	6.46	6.45	6.45	6.46	6.45

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:834.69lx1 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	1202	1202	1202	1202	1202														
5	1147	1154	1147	1150	1146														
10	966	970	960	969	962														
15	767	773	762	771	761														
20	612	619	610	615	606														
25	478	482	476	479	473														
30	362	363	359	361	359														
35	286	289	286	288	285														
40	191	197	191	194	186														
45	73.7	76.8	72.6	73.0	70.4														
50	22.9	23.3	22.9	22.6	22.3														
55	17.1	17.2	17.0	17.0	16.9														
60	12.9	13.0	12.7	12.9	12.6														
65	9.07	9.08	8.91	8.92	8.86														
70	6.89	6.85	6.69	6.71	6.67														
75	5.55	5.45	5.33	5.36	5.31														
80	4.44	4.34	4.30	4.31	4.26														
85	3.07	3.01	2.99	3.03	2.97														
90	1.59	1.59	1.64	1.63	1.59														
95	1.69	1.71	1.72	1.73	1.68														
100	1.85	1.87	1.87	1.88	1.86														
105	2.04	2.06	2.06	2.05	2.04														
110	2.27	2.29	2.29	2.29	2.28														
115	2.55	2.58	2.57	2.58	2.56														
120	2.89	2.91	2.92	2.92	2.91														
125	3.30	3.32	3.32	3.33	3.32														
130	3.77	3.79	3.80	3.78	3.78														
135	4.26	4.28	4.28	4.27	4.28														
140	4.73	4.75	4.75	4.75	4.76														
145	5.13	5.15	5.14	5.14	5.15														
150	5.43	5.46	5.45	5.46	5.45														
155	5.70	5.73	5.73	5.72	5.73														
160	5.94	5.97	5.95	5.96	5.96														
165	6.12	6.14	6.15	6.14	6.14														
170	6.27	6.29	6.27	6.28	6.28														
175	6.36	6.39	6.37	6.38	6.38														
180	6.45	6.46	6.46	6.46	6.46														

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: