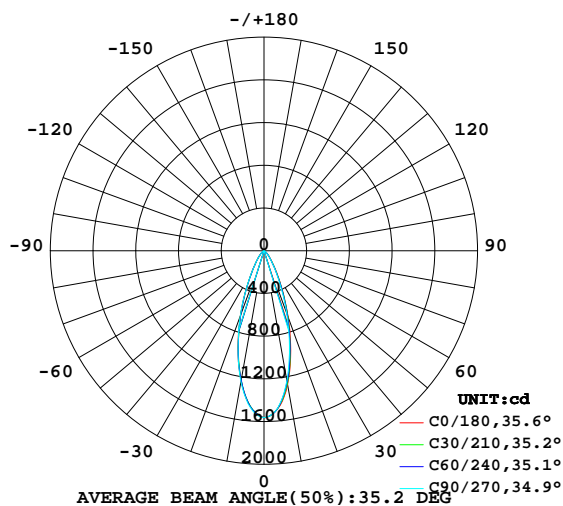


LUMINAIRE PHOTOMETRIC TEST REPORT

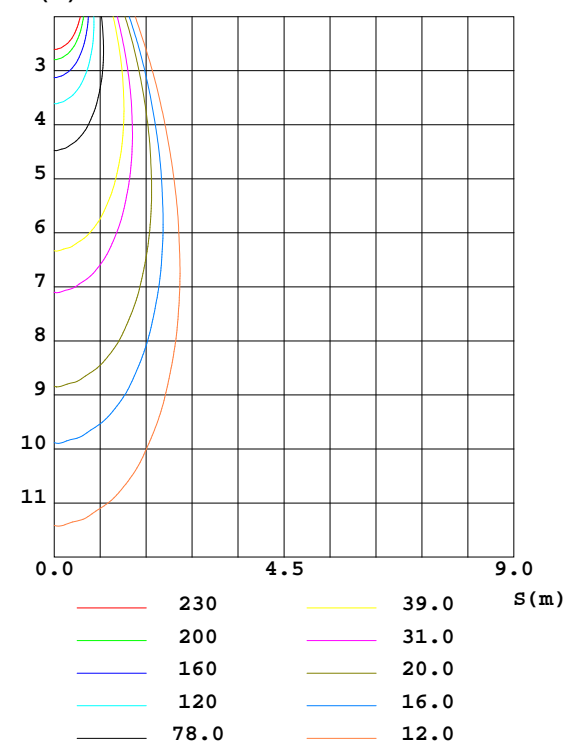
Test:U:226.5V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:753.37lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 88.42 lm/W			
MODEL	M022-9W-930-S-38	Imax(cd)	1563	S/MH(C0/180)	0.59
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.57
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	753.37	η UP,DN(C0-180)	1.2,48.8
NOMINAL FLUX(lm)	753.371	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.7
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.5	η down(%)	97.5	CIBSE SHR MAX	0.60

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	Φ lum, lamp
10	1273	1269	1238	1238	1239	1222	1246	1256	0- 10	133.4	133.4	17.7,17.7
20	662.6	654.4	622.6	634.8	645.0	638.6	649.5	650.6	10- 20	258.1	391.4	52,52
30	240.3	233.2	219.5	225.3	228.9	220.9	227.4	229.9	20- 30	182.6	574.1	76.2,76.2
40	85.63	81.26	77.85	77.57	82.42	76.11	79.69	80.68	30- 40	85.36	659.4	87.5,87.5
50	32.63	29.91	28.74	29.90	29.92	28.55	30.94	30.35	40- 50	39.31	698.7	92.7,92.7
60	13.62	13.88	13.16	13.61	13.15	13.25	13.09	13.46	50- 60	17.87	716.6	95.1,95.1
70	6.996	7.154	7.072	7.419	6.946	6.986	7.069	7.060	60- 70	9.775	726.4	96.4,96.4
80	3.892	3.312	4.602	3.434	4.075	3.327	4.093	3.435	70- 80	5.449	731.8	97.1,97.1
90	1.447	1.271	1.598	1.373	1.689	1.566	1.888	1.640	80- 90	2.563	734.4	97.5,97.5
100	1.401	1.255	1.563	1.354	1.831	1.668	1.996	1.737	90-100	1.700	736.1	97.7,97.7
110	1.658	1.495	1.759	1.600	2.119	1.918	2.255	1.970	100-110	1.792	737.9	97.9,97.9
120	2.295	2.143	2.507	2.245	2.666	2.459	2.691	2.482	110-120	2.089	740.0	98.2,98.2
130	3.213	3.167	3.353	3.280	3.456	3.398	3.524	3.394	120-130	2.559	742.5	98.6,98.6
140	4.327	4.323	4.506	4.419	4.516	4.491	4.605	4.478	130-140	3.013	745.5	99,99
150	5.290	5.227	5.436	5.299	5.450	5.335	5.491	5.340	140-150	3.088	748.6	99.4,99.4
160	5.648	5.660	5.670	5.660	5.735	5.714	5.745	5.725	150-160	2.576	751.2	99.7,99.7
170	5.686	5.686	5.682	5.667	5.746	5.733	5.750	5.749	160-170	1.619	752.8	99.9,99.9
180	5.812	5.801	5.799	5.803	5.812	5.801	5.799	5.805	170-180	0.5465	753.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

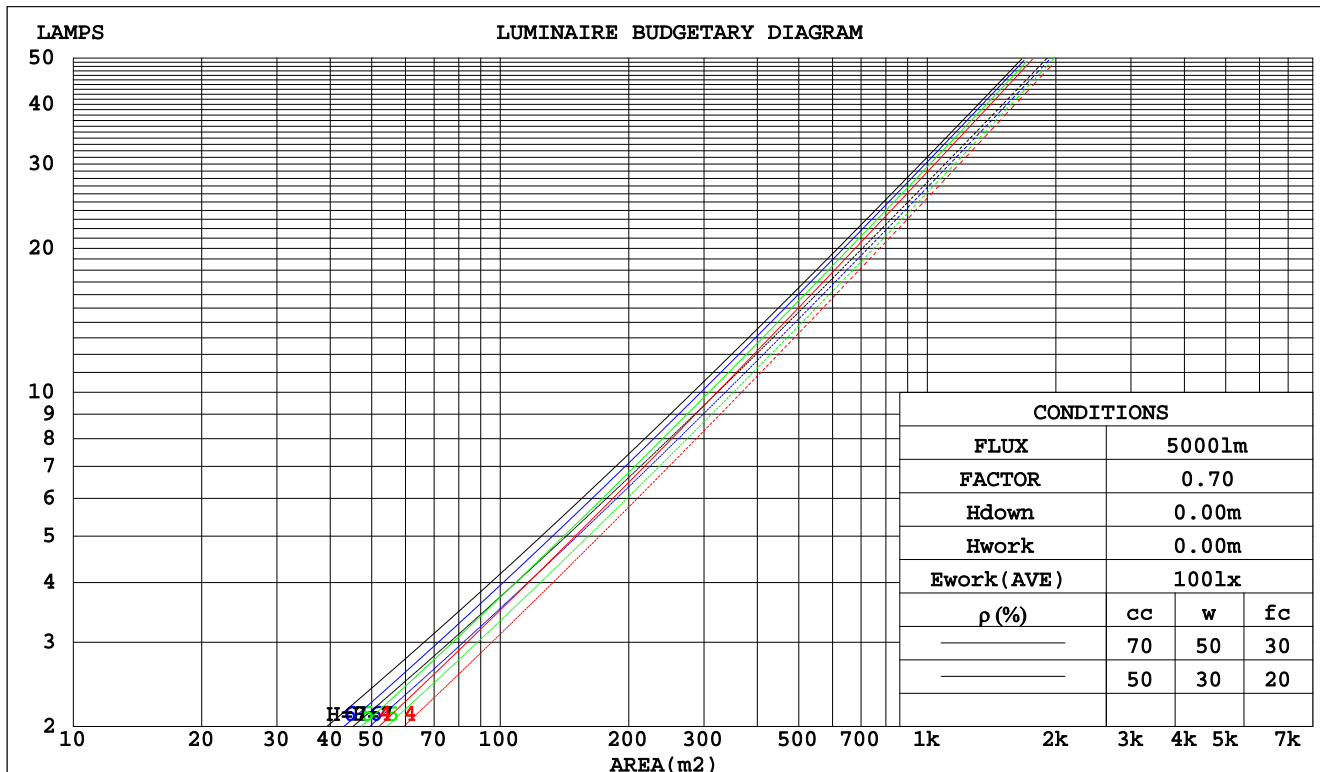
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:226.5V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:753.37lx1 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	.97
1.0	1.10	1.08	1.05	1.08	1.06	1.04	1.03	1.02	.00	.99	.98	.96	.95	.94	.93	.91
2.0	1.03	.99	.96	1.01	.97	.94	.97	.94	.92	.94	.92	.90	.91	.89	.87	.86
3.0	.96	.92	.88	.95	.90	.87	.92	.88	.85	.89	.86	.84	.87	.84	.82	.80
4.0	.91	.85	.81	.89	.84	.81	.87	.83	.79	.85	.81	.78	.83	.80	.77	.76
5.0	.86	.80	.76	.84	.79	.76	.82	.78	.75	.81	.77	.74	.79	.76	.73	.71
6.0	.81	.75	.71	.80	.75	.71	.78	.74	.70	.77	.73	.70	.75	.72	.69	.68
7.0	.77	.71	.67	.76	.71	.67	.75	.70	.67	.73	.69	.66	.72	.68	.66	.64
8.0	.73	.68	.64	.73	.67	.64	.71	.67	.63	.70	.66	.63	.69	.65	.62	.61
9.0	.70	.64	.61	.69	.64	.61	.68	.63	.60	.67	.63	.60	.66	.62	.60	.58
10.0	.67	.61	.58	.66	.61	.58	.65	.61	.57	.64	.60	.57	.64	.60	.57	.56



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:226.5V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:753.371x1 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	.178	.101	.032	.170	.097	.031	.156	.090	.029	.143	.083	.027	.132	.076	.025		
2.0	.167	.092	.028	.161	.089	.027	.149	.083	.026	.138	.077	.024	.128	.072	.023		
3.0	.157	.084	.025	.152	.081	.024	.142	.077	.023	.132	.072	.022	.123	.068	.021		
4.0	.148	.077	.023	.144	.075	.022	.135	.071	.021	.126	.068	.020	.119	.065	.020		
5.0	.140	.071	.021	.136	.070	.020	.128	.067	.020	.121	.064	.019	.114	.061	.018		
6.0	.133	.067	.019	.129	.065	.019	.122	.063	.018	.116	.060	.018	.110	.058	.017		
7.0	.126	.062	.018	.123	.061	.017	.117	.059	.017	.111	.057	.017	.106	.055	.016		
8.0	.120	.059	.016	.117	.058	.016	.112	.056	.016	.107	.054	.016	.102	.052	.015		
9.0	.115	.055	.015	.112	.055	.015	.107	.053	.015	.102	.051	.015	.098	.050	.014		
10.0	.110	.053	.015	.107	.052	.014	.103	.050	.014	.098	.049	.014	.094	.048	.014		

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	.210	.210	.210	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022		
1.0	.191	.177	.164	.163	.152	.141	.112	.104	.098	.064	.060	.057	.021	.019	.018		
2.0	.175	.152	.133	.150	.131	.115	.103	.091	.080	.059	.053	.047	.019	.017	.015		
3.0	.162	.133	.110	.139	.115	.095	.096	.080	.067	.055	.047	.039	.018	.015	.013		
4.0	.152	.118	.093	.130	.102	.081	.089	.071	.057	.052	.042	.034	.017	.014	.011		
5.0	.143	.107	.080	.122	.092	.070	.084	.065	.049	.049	.038	.029	.016	.012	.010		
6.0	.135	.097	.071	.116	.084	.061	.080	.059	.043	.046	.035	.026	.015	.011	.009		
7.0	.128	.090	.063	.110	.078	.055	.076	.055	.039	.044	.032	.023	.014	.011	.008		
8.0	.122	.083	.057	.105	.072	.050	.073	.051	.035	.042	.030	.021	.014	.010	.007		
9.0	.116	.078	.052	.100	.068	.045	.069	.048	.032	.040	.028	.019	.013	.009	.006		
10.0	.112	.074	.048	.096	.064	.042	.067	.045	.030	.039	.027	.018	.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:226.5V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:753.37lx1 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	20.3	21.2	20.6	21.4	21.6	19.9	20.8	20.2	21.0	21.2
	3H	20.6	21.4	20.9	21.6	21.9	20.2	21.0	20.5	21.2	21.5
	4H	20.7	21.5	21.0	21.7	22.0	20.4	21.1	20.7	21.4	21.6
	6H	20.8	21.6	21.2	21.8	22.1	20.7	21.4	21.0	21.7	22.0
	8H	20.9	21.6	21.3	21.9	22.2	20.9	21.6	21.2	21.9	22.2
	12H	21.0	21.7	21.4	22.0	22.3	21.0	21.7	21.4	22.0	22.3
4H	2H	20.3	21.1	20.6	21.4	21.6	20.0	20.7	20.3	21.0	21.3
	3H	20.7	21.4	21.1	21.7	22.0	20.4	21.0	20.7	21.3	21.7
	4H	20.9	21.5	21.3	21.8	22.2	20.6	21.2	21.0	21.5	21.9
	6H	21.1	21.7	21.5	22.0	22.4	21.1	21.7	21.6	22.1	22.5
	8H	21.3	21.7	21.7	22.1	22.6	21.4	21.9	21.9	22.3	22.7
	12H	21.4	21.9	21.9	22.3	22.7	21.7	22.1	22.1	22.5	23.0
8H	4H	20.9	21.4	21.3	21.8	22.2	20.6	21.1	21.1	21.5	21.9
	6H	21.2	21.6	21.7	22.1	22.5	21.3	21.7	21.7	22.1	22.6
	8H	21.4	21.8	21.9	22.2	22.7	21.7	22.0	22.2	22.5	23.0
	12H	21.6	22.0	22.2	22.4	23.0	22.0	22.4	22.6	22.8	23.4
12H	4H	20.9	21.3	21.3	21.8	22.2	20.6	21.1	21.1	21.5	21.9
	6H	21.2	21.6	21.7	22.1	22.5	21.3	21.6	21.8	22.1	22.6
	8H	21.4	21.8	22.0	22.2	22.8	21.7	22.0	22.2	22.5	23.0
Variations with the observer position at spacings:											
S = 1.0H	+ 1.3 / - 1.7					+ 1.0 / - 1.4					
1.5H	+ 2.2 / - 1.6					+ 1.8 / - 1.1					
2.0H	+ 2.4 / - 1.2					+ 1.8 / - 0.8					

CIE Pub.117 Corrected 753.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.0)

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:226.5V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:753.371x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

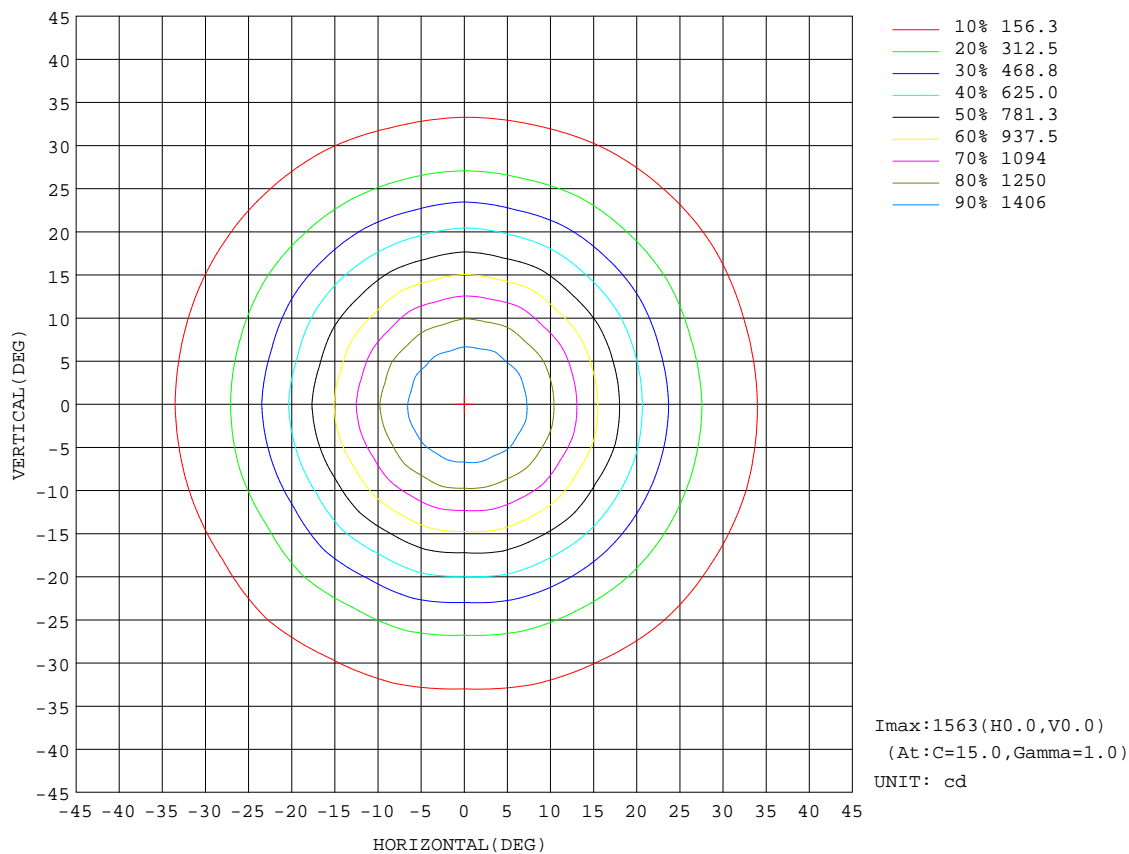
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	84	77	73	83	77	73	82	76	73	69
0.80	91	85	81	91	85	81	89	84	80	76
1.00	96	90	86	95	90	86	93	89	85	81
1.25	101	95	91	99	94	90	97	93	89	85
1.50	103	98	94	102	97	94	99	96	93	87
2.00	106	102	98	105	101	97	102	98	96	90
2.50	108	104	101	107	103	100	103	100	98	91
3.00	110	106	103	108	105	102	104	102	100	92
4.00	112	109	107	110	107	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	104	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:226.5V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:753.371x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



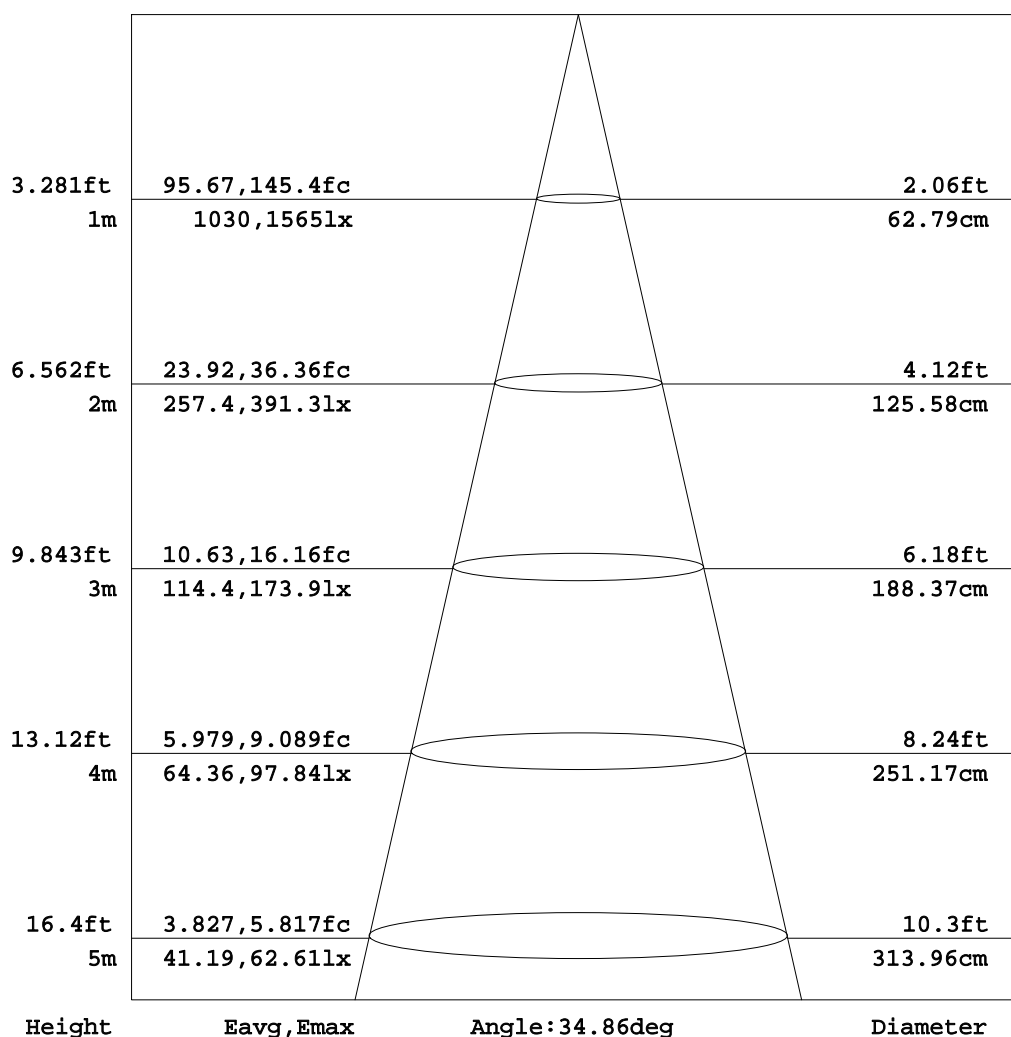
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:226.5V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:753.37lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:341.5 lm



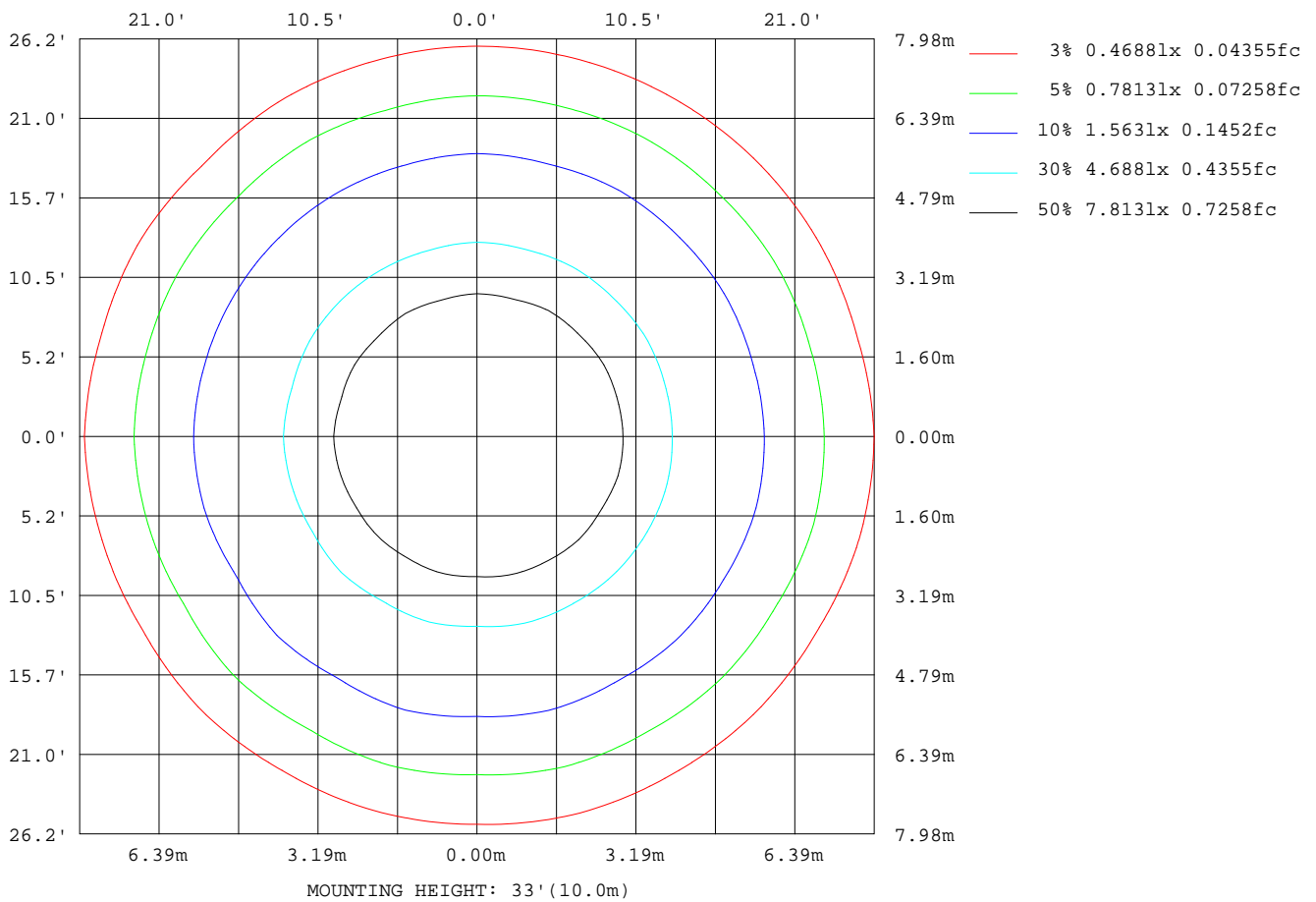
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

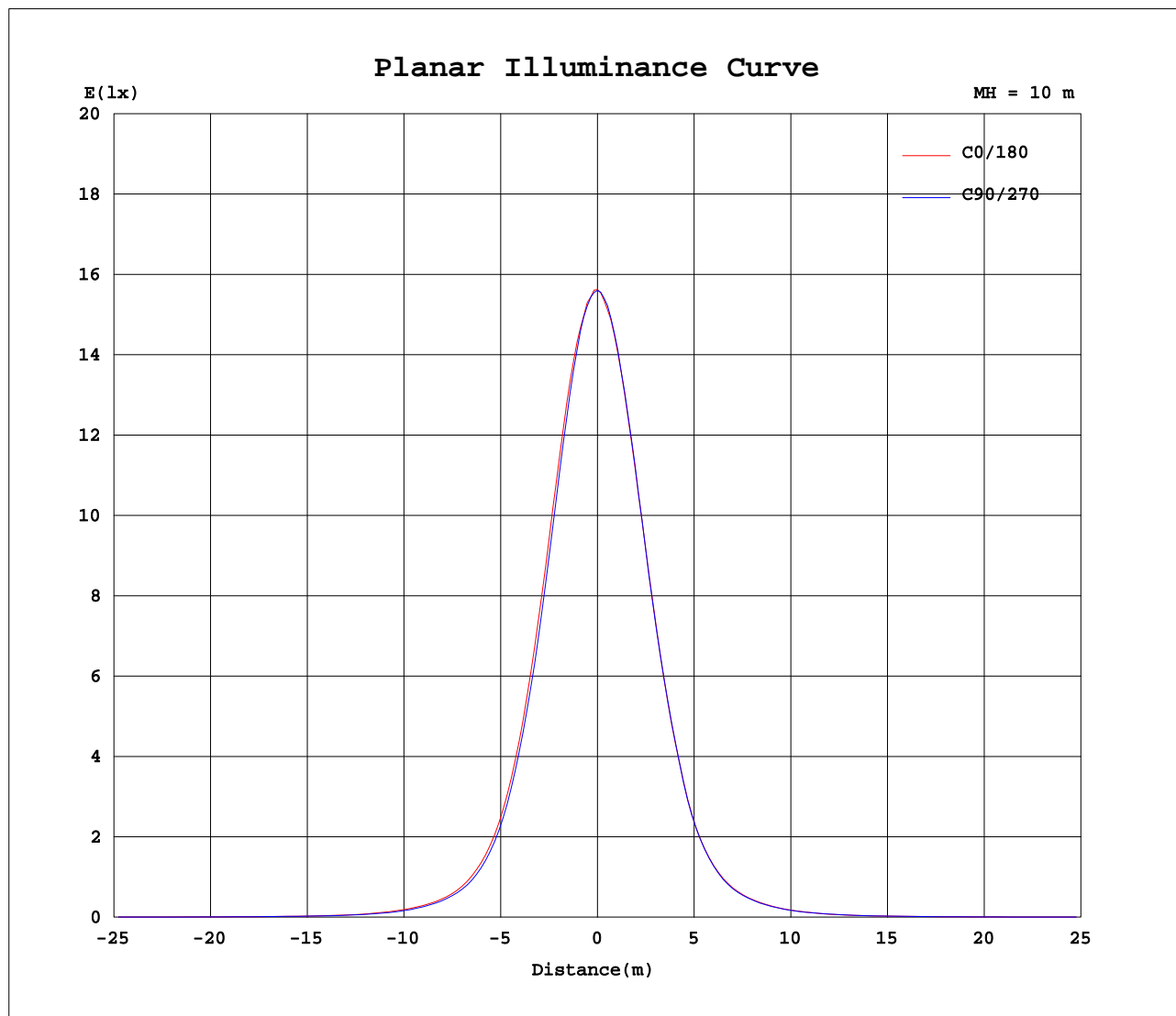
Test:U:226.5V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:753.37lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:226.5V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:753.371x1 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	1563	1563	1563	1563	1563	1563	1563	1563	1563	1563	1563	1563	1563	1563	1563	1563	1563	1563	1563
5	1484	1489	1482	1490	1480	1485	1478	1477	1466	1469	1467	1466	1467	1461	1462	1460	1465	1461	1473
10	1273	1277	1265	1269	1247	1245	1238	1244	1228	1238	1226	1233	1239	1224	1232	1222	1231	1224	1246
15	968	974	953	962	944	941	923	930	918	926	918	935	944	926	934	922	937	924	941
20	663	666	654	654	641	642	623	635	619	635	622	635	645	628	640	639	635	634	650
25	410	403	400	399	394	391	379	390	376	390	375	388	395	387	389	385	389	384	392
30	240	242	233	233	225	228	219	228	216	225	214	226	229	224	221	221	221	220	227
35	140	141	134	135	130	131	127	129	125	130	127	129	133	130	130	126	129	127	129
40	85.6	84.1	80.7	81.3	80.0	79.0	77.9	76.9	77.0	77.6	76.6	79.4	82.4	78.7	77.2	76.1	79.4	78.1	79.7
45	54.3	52.9	50.4	49.5	51.0	49.7	47.0	47.9	49.0	48.0	48.8	50.1	50.6	48.3	48.2	46.2	49.8	48.6	49.1
50	32.6	33.0	31.3	29.9	31.1	30.0	28.7	30.1	29.9	29.9	29.0	30.4	29.9	30.3	29.6	28.6	30.0	29.3	30.9
55	19.9	20.5	19.1	19.4	19.8	18.6	18.1	19.4	19.1	19.1	19.0	19.4	18.3	18.9	18.2	18.7	19.3	18.4	18.9
60	13.6	14.3	13.6	13.9	13.6	13.3	13.2	13.9	13.5	13.6	13.6	13.7	13.2	13.5	13.2	13.2	13.3	13.1	13.1
65	9.69	10.2	9.80	9.94	9.54	9.44	9.68	9.90	9.83	10.1	9.96	9.82	9.48	9.87	9.71	9.70	9.47	9.63	9.60
70	7.00	7.12	7.07	7.15	6.99	6.75	7.07	7.18	7.16	7.42	7.13	7.00	6.95	6.95	7.07	6.99	6.91	6.75	7.07
75	4.98	4.95	4.97	5.05	4.90	4.82	5.05	5.09	5.09	5.22	5.01	4.95	4.97	4.88	5.00	4.95	4.90	4.81	5.01
80	3.89	3.25	3.20	3.31	3.21	5.27	4.60	3.39	3.38	3.43	3.31	3.61	4.07	3.28	3.35	3.33	3.31	4.59	4.09
85	2.64	1.93	1.90	1.92	1.90	2.90	2.54	2.04	2.03	2.03	1.99	2.15	2.41	2.08	2.07	2.06	2.06	2.88	2.70
90	1.45	1.27	1.29	1.27	1.29	1.66	1.60	1.39	1.41	1.37	1.41	1.55	1.69	1.57	1.56	1.57	1.55	1.94	1.89
95	1.38	1.25	1.25	1.26	1.25	1.71	1.58	1.35	1.36	1.33	1.36	1.59	1.73	1.60	1.61	1.59	1.61	2.01	1.91
100	1.40	1.26	1.26	1.25	1.26	1.56	1.56	1.36	1.36	1.35	1.37	1.75	1.83	1.67	1.69	1.67	1.68	1.92	2.00
105	1.47	1.34	1.31	1.33	1.32	1.60	1.63	1.43	1.42	1.43	1.44	1.88	1.96	1.78	1.78	1.77	1.78	1.97	2.18
110	1.66	1.49	1.48	1.50	1.48	1.73	1.76	1.60	1.59	1.60	1.61	2.17	2.12	1.92	1.93	1.92	1.92	2.16	2.26
115	1.96	1.76	1.76	1.76	1.76	2.17	2.06	1.87	1.86	1.87	1.90	2.27	2.36	2.16	2.16	2.16	2.15	2.53	2.42
120	2.30	2.14	2.14	2.14	2.15	2.56	2.51	2.25	2.24	2.24	2.28	2.60	2.67	2.47	2.47	2.46	2.46	2.94	2.69
125	2.68	2.61	2.61	2.61	2.62	2.88	2.84	2.72	2.72	2.73	2.77	3.04	3.02	2.90	2.89	2.88	2.88	3.18	3.05
130	3.21	3.16	3.17	3.17	3.19	3.31	3.35	3.27	3.28	3.28	3.33	3.45	3.46	3.42	3.40	3.40	3.39	3.53	3.52
135	3.77	3.74	3.75	3.76	3.77	3.87	3.93	3.87	3.86	3.86	3.90	4.00	3.99	3.96	3.96	3.95	3.94	4.04	4.06
140	4.33	4.31	4.31	4.32	4.34	4.42	4.51	4.43	4.42	4.42	4.46	4.52	4.52	4.50	4.48	4.49	4.48	4.55	4.61
145	4.84	4.82	4.82	4.83	4.83	4.99	5.07	4.92	4.90	4.90	4.96	5.02	4.99	4.96	4.95	4.96	4.94	5.03	5.09
150	5.29	5.22	5.21	5.23	5.24	5.42	5.44	5.32	5.30	5.30	5.34	5.47	5.45	5.34	5.34	5.34	5.33	5.46	5.49
155	5.60	5.50	5.49	5.51	5.50	5.66	5.68	5.57	5.55	5.56	5.59	5.76	5.61	5.59	5.59	5.59	5.60	5.75	5.76
160	5.65	5.65	5.64	5.66	5.64	5.66	5.67	5.67	5.65	5.66	5.67	5.67	5.73	5.73	5.72	5.71	5.73	5.73	5.75
165	5.68	5.68	5.68	5.68	5.68	5.68	5.68	5.68	5.68	5.66	5.68	5.68	5.75	5.75	5.74	5.75	5.75	5.74	5.76
170	5.69	5.68	5.68	5.69	5.68	5.67	5.68	5.68	5.67	5.67	5.69	5.68	5.75	5.75	5.73	5.73	5.73	5.74	5.75
175	5.71	5.72	5.70	5.71	5.70	5.71	5.71	5.71	5.70	5.71	5.72	5.72	5.76	5.75	5.74	5.75	5.74	5.74	5.76
180	5.81	5.81	5.80	5.80	5.79	5.79	5.80	5.79	5.80	5.80	5.82	5.82	5.81	5.81	5.79	5.80	5.79	5.79	5.80

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:226.5V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:753.371x1 lm					
NAME:			TYPE:		WEIGHT:
DIM.:			SPEC.:		SERIAL No.:
MFR.: Rayconn			SUR.:		PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1563	1563	1563	1563	1563														
5	1471	1482	1474	1487	1488														
10	1243	1262	1256	1275	1274														
15	935	960	953	970	964														
20	643	655	651	665	660														
25	387	400	397	403	398														
30	223	231	230	235	234														
35	130	132	133	137	136														
40	78.9	80.2	80.7	81.9	81.9														
45	48.5	51.2	49.8	51.9	53.5														
50	30.5	31.2	30.4	31.2	31.8														
55	18.9	19.2	19.8	19.5	19.3														
60	13.4	13.0	13.5	13.4	13.4														
65	9.56	9.53	9.66	9.59	9.49														
70	6.93	7.01	7.06	6.86	6.74														
75	4.94	5.06	5.01	4.91	4.84														
80	3.39	3.45	3.43	3.40	3.67														
85	2.18	2.19	2.19	2.20	2.32														
90	1.65	1.63	1.64	1.64	1.74														
95	1.68	1.68	1.67	1.70	1.87														
100	1.74	1.75	1.74	1.78	2.02														
105	1.86	1.84	1.82	1.87	2.16														
110	1.98	1.97	1.97	2.01	2.42														
115	2.19	2.18	2.17	2.22	2.49														
120	2.49	2.48	2.48	2.51	2.72														
125	2.91	2.89	2.89	2.93	3.06														
130	3.42	3.39	3.39	3.43	3.50														
135	3.97	3.94	3.94	3.97	4.02														
140	4.51	4.48	4.48	4.52	4.55														
145	4.99	4.96	4.95	4.99	5.04														
150	5.36	5.35	5.34	5.38	5.47														
155	5.62	5.61	5.60	5.65	5.82														
160	5.74	5.73	5.73	5.73	5.73														
165	5.74	5.76	5.75	5.76	5.76														
170	5.75	5.74	5.75	5.76	5.75														
175	5.75	5.75	5.75	5.77	5.76														
180	5.80	5.79	5.81	5.81	5.82														

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: