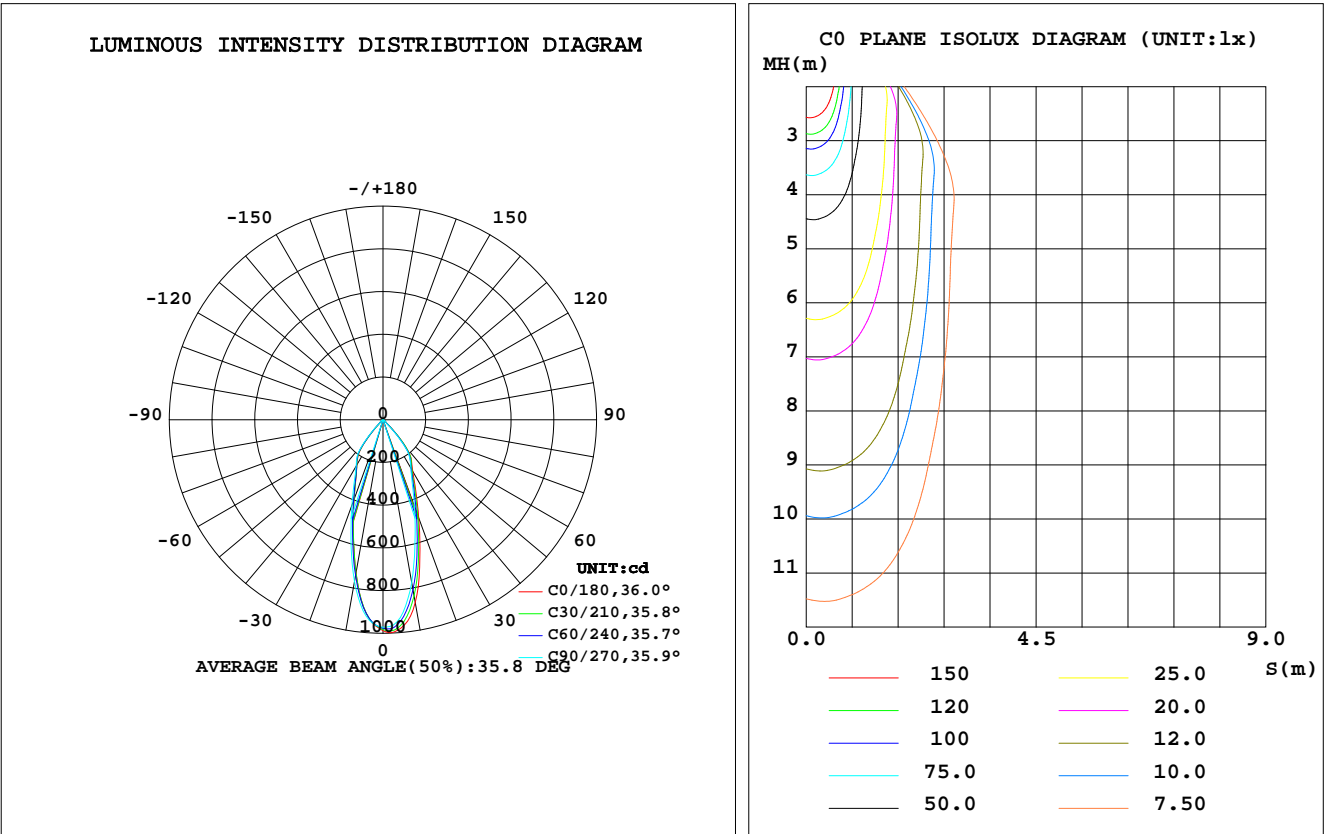


LUMINAIRE PHOTOMETRIC TEST REPORT

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

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 77.35 lm/W
MODEL	M011-8W-830-S-40	Imax(cd)	997.7	S/MH(C0/180)	0.63	
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.58	
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	607.20	η UP,DN(C0-180)	1.2,49.1	
NOMINAL FLUX(lm)	607.195	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.5	
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	226.6	η down(%)	97.6	CIBSE SHR MAX	0.60	



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [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	869.7	825.9	774.3	717.9	728.8	729.1	768.7	840.0	0- 10	83.96	83.96	13.8,13.8
20	489.9	467.7	431.1	391.4	397.3	396.5	426.5	474.9	10- 20	163.6	247.6	40.8,40.8
30	280.0	269.6	261.0	248.1	245.6	246.6	252.9	275.7	20- 30	151.5	399.1	65.7,65.7
40	164.8	161.4	142.7	118.4	115.2	118.2	133.7	162.8	30- 40	131.3	530.3	87.3,87.3
50	17.61	17.40	16.48	15.63	15.41	15.62	16.37	17.35	40- 50	40.59	570.9	94,94
60	9.951	9.639	8.883	8.103	7.987	8.082	8.700	9.579	50- 60	11.21	582.1	95.9,95.9
70	4.892	4.846	4.480	4.116	4.234	4.373	4.666	4.739	60- 70	6.272	588.4	96.9,96.9
80	1.426	1.240	1.190	1.152	1.227	1.271	1.338	1.453	70- 80	2.762	591.2	97.4,97.4
90	1.092	1.008	0.9953	0.9896	1.141	1.125	1.146	1.212	80- 90	1.293	592.5	97.6,97.6
100	1.076	1.080	1.076	1.125	1.357	1.336	1.322	1.281	90-100	1.220	593.7	97.8,97.8
110	1.340	1.356	1.378	1.444	1.684	1.649	1.629	1.568	100-110	1.419	595.1	98,98
120	1.798	1.814	1.858	1.963	2.168	2.122	2.076	1.984	110-120	1.707	596.8	98.3,98.3
130	2.472	2.498	2.559	2.694	2.866	2.812	2.738	2.614	120-130	2.054	598.9	98.6,98.6
140	3.301	3.328	3.381	3.505	3.605	3.549	3.480	3.358	130-140	2.352	601.2	99,99
150	3.965	3.974	3.979	4.047	4.111	4.052	4.012	3.937	140-150	2.349	603.6	99.4,99.4
160	4.361	4.362	4.339	4.383	4.438	4.386	4.356	4.303	150-160	1.931	605.5	99.7,99.7
170	4.629	4.615	4.560	4.571	4.628	4.569	4.560	4.548	160-170	1.268	606.8	99.9,99.9
180	4.784	4.752	4.712	4.705	4.790	4.735	4.722	4.705	170-180	0.4417	607.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

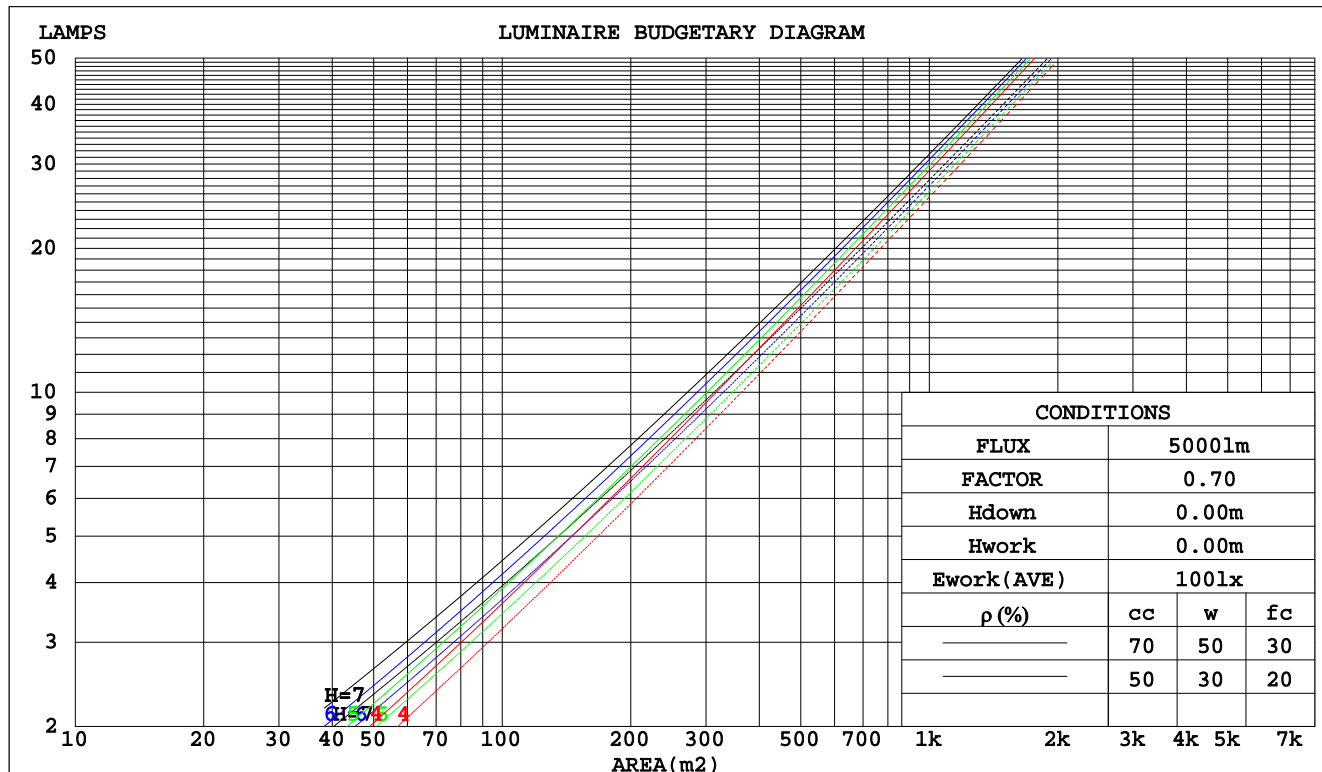
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [K=1.0000]  
Remarks:

# CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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	1.10	1.07	1.05	1.07	1.05	1.03	1.03	1.01	.99	.99	.97	.96	.95	.94	.93	.91
2.0	1.02	.98	.94	.90	.96	.93	.96	.93	.91	.93	.91	.88	.90	.88	.86	.84
3.0	.95	.90	.86	.93	.89	.85	.90	.86	.83	.88	.84	.82	.85	.82	.80	.78
4.0	.89	.83	.79	.87	.82	.78	.85	.80	.77	.82	.79	.76	.80	.77	.75	.73
5.0	.83	.77	.73	.82	.76	.72	.80	.75	.71	.78	.74	.70	.76	.72	.70	.68
6.0	.78	.72	.67	.77	.71	.67	.75	.70	.67	.74	.69	.66	.72	.68	.65	.64
7.0	.73	.67	.63	.72	.67	.63	.71	.66	.62	.70	.65	.62	.68	.64	.61	.60
8.0	.69	.63	.59	.68	.63	.59	.67	.62	.58	.66	.61	.58	.65	.61	.58	.56
9.0	.65	.60	.56	.65	.59	.55	.64	.59	.55	.63	.58	.55	.62	.57	.54	.53
10.0	.62	.56	.52	.61	.56	.52	.61	.55	.52	.60	.55	.52	.59	.55	.52	.50



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

WEC AND CCEC

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	.185 .105 .033	.177 .101 .032	.163 .094 .030	.150 .087 .028	.138 .080 .026	
2.0	.176 .096 .030	.170 .093 .029	.158 .088 .027	.147 .082 .026	.136 .077 .024	
3.0	.167 .089 .027	.161 .086 .026	.151 .082 .025	.142 .078 .024	.133 .073 .023	
4.0	.158 .082 .024	.154 .080 .024	.145 .077 .023	.136 .073 .022	.128 .070 .021	
5.0	.150 .077 .022	.146 .075 .022	.138 .072 .021	.131 .069 .021	.124 .066 .020	
6.0	.143 .072 .021	.139 .070 .020	.132 .068 .020	.126 .065 .019	.120 .063 .019	
7.0	.136 .067 .019	.133 .066 .019	.127 .064 .018	.121 .062 .018	.115 .060 .018	
8.0	.130 .063 .018	.127 .063 .018	.121 .061 .017	.116 .059 .017	.111 .057 .017	
9.0	.124 .060 .017	.121 .059 .017	.116 .058 .016	.112 .056 .016	.107 .054 .016	
10.0	.119 .057 .016	.116 .056 .016	.112 .055 .015	.107 .053 .015	.103 .052 .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	.190 .176 .163	.163 .151 .140	.111 .104 .097	.064 .060 .056	.021 .019 .018	
2.0	.176 .151 .131	.150 .130 .113	.103 .090 .079	.059 .052 .046	.019 .017 .015	
3.0	.163 .132 .108	.140 .114 .093	.096 .079 .066	.056 .046 .039	.018 .015 .013	
4.0	.153 .118 .091	.132 .102 .079	.091 .071 .056	.052 .042 .033	.017 .014 .011	
5.0	.145 .106 .078	.124 .092 .068	.086 .064 .048	.050 .038 .028	.016 .012 .009	
6.0	.137 .097 .068	.118 .084 .060	.081 .059 .042	.047 .035 .025	.015 .011 .008	
7.0	.131 .090 .061	.113 .078 .053	.078 .055 .038	.045 .032 .022	.015 .011 .007	
8.0	.125 .084 .055	.108 .072 .048	.075 .051 .034	.043 .030 .020	.014 .010 .007	
9.0	.120 .078 .050	.103 .068 .044	.072 .048 .031	.042 .028 .019	.014 .009 .006	
10.0	.115 .074 .047	.099 .064 .041	.069 .045 .029	.040 .027 .017	.013 .009 .006	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [K=1.0000]  
Remarks:

### Uncorrected UGR Table

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	23.2	24.2	23.5	24.4	24.6	22.7	23.6	22.9	23.8	24.0				
3H	23.1	24.0	23.4	24.3	24.5	22.6	23.5	22.9	23.7	24.0				
4H	23.1	23.9	23.4	24.2	24.5	22.6	23.4	22.9	23.7	23.9				
6H	23.0	23.8	23.4	24.1	24.4	22.5	23.3	22.8	23.6	23.9				
8H	23.0	23.7	23.3	24.0	24.3	22.5	23.2	22.8	23.5	23.8				
12H	23.0	23.7	23.3	24.0	24.3	22.4	23.1	22.8	23.5	23.8				
4H 2H	23.0	23.8	23.3	24.1	24.4	22.5	23.3	22.8	23.6	23.8				
3H	23.0	23.7	23.3	24.0	24.3	22.5	23.2	22.8	23.5	23.8				
4H	22.9	23.6	23.3	23.9	24.3	22.5	23.1	22.8	23.4	23.8				
6H	22.9	23.4	23.3	23.8	24.2	22.4	23.0	22.8	23.3	23.7				
8H	22.9	23.4	23.3	23.8	24.2	22.4	22.9	22.8	23.3	23.7				
12H	22.8	23.3	23.3	23.7	24.2	22.3	22.8	22.8	23.2	23.7				
8H 4H	22.8	23.3	23.3	23.7	24.2	22.3	22.9	22.8	23.3	23.7				
6H	22.8	23.2	23.2	23.6	24.1	22.3	22.7	22.8	23.2	23.6				
8H	22.8	23.1	23.2	23.6	24.1	22.3	22.6	22.8	23.1	23.6				
12H	22.8	23.1	23.3	23.6	24.1	22.3	22.6	22.8	23.1	23.6				
12H 4H	22.8	23.3	23.2	23.7	24.1	22.3	22.8	22.7	23.2	23.6				
6H	22.7	23.1	23.2	23.6	24.1	22.2	22.6	22.7	23.1	23.6				
8H	22.7	23.0	23.2	23.5	24.0	22.2	22.6	22.7	23.0	23.6				
Variations with the observer position at spacings:														
S = 1.0H	+ 2.4 / - 6.7					+ 2.4 / - 6.5								
1.5H	+ 4.7 / - 6.2					+ 4.8 / - 5.8								
2.0H	+ 5.1 / - 2.2					+ 3.1 / - 1.5								

CIE Pub.117 Corrected 607.2 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.7)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

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

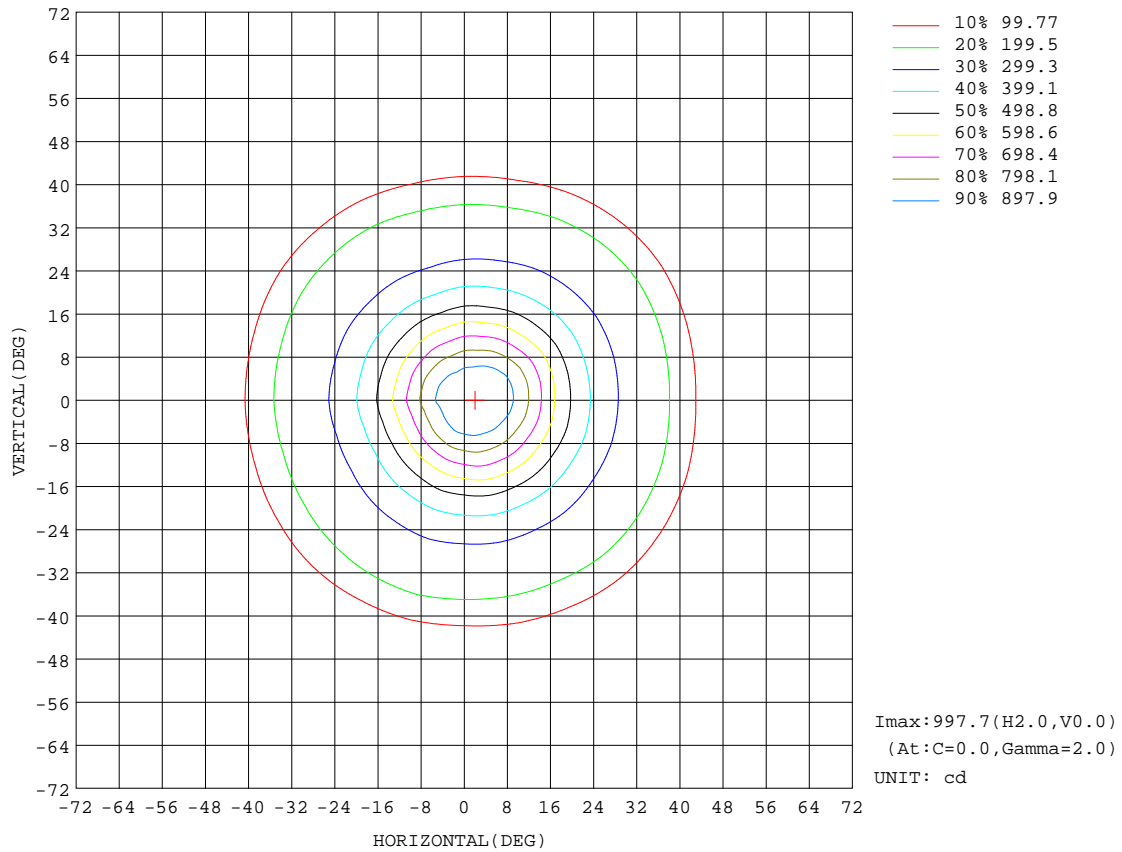
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT)    k(RI) x RCR = 5									
k = 0.60	84	77	73	83	77	73	82	76	72	68
0.80	91	85	81	91	85	81	89	84	80	76
1.00	96	90	86	95	90	86	93	89	85	81
1.25	101	95	91	99	94	91	97	93	90	85
1.50	104	98	95	102	97	94	100	96	93	88
2.00	107	102	99	105	101	98	102	99	96	90
2.50	109	104	101	107	103	100	103	100	98	91
3.00	110	107	104	108	105	102	104	102	100	93
4.00	112	109	107	110	108	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: QiuMing  
Test Date: 2015-10-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

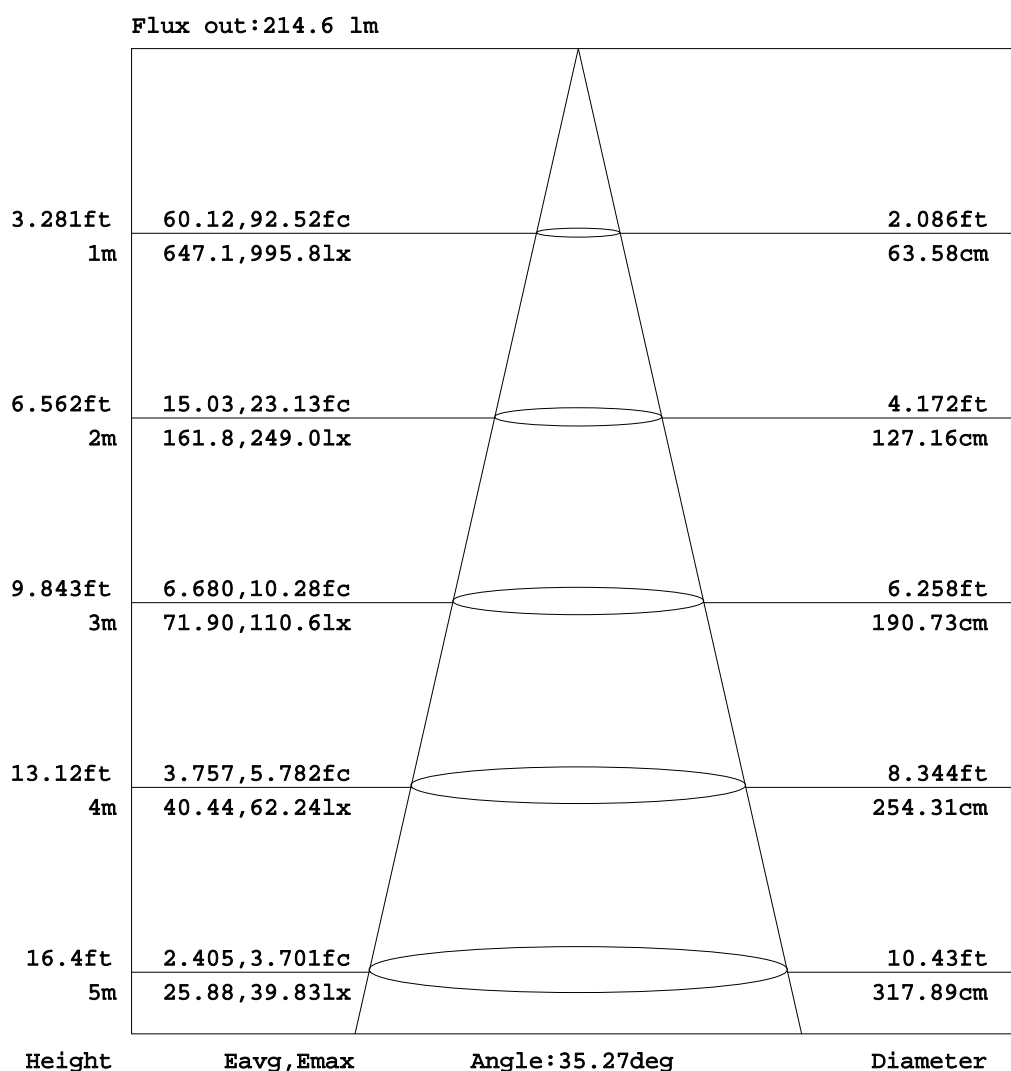
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG	$\gamma$ Range: 0 - 180DEG
C Interval: 15.0DEG	$\gamma$ Interval: 1.0DEG
Test Speed: HIGH	Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Temperature: 25.3DEG	Humidity: 65.0%
Operators: QiuMing	Test Distance: 5.920m [K=1.0000]
Test Date: 2015-10-21	Remarks:

### AAI Figure

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



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

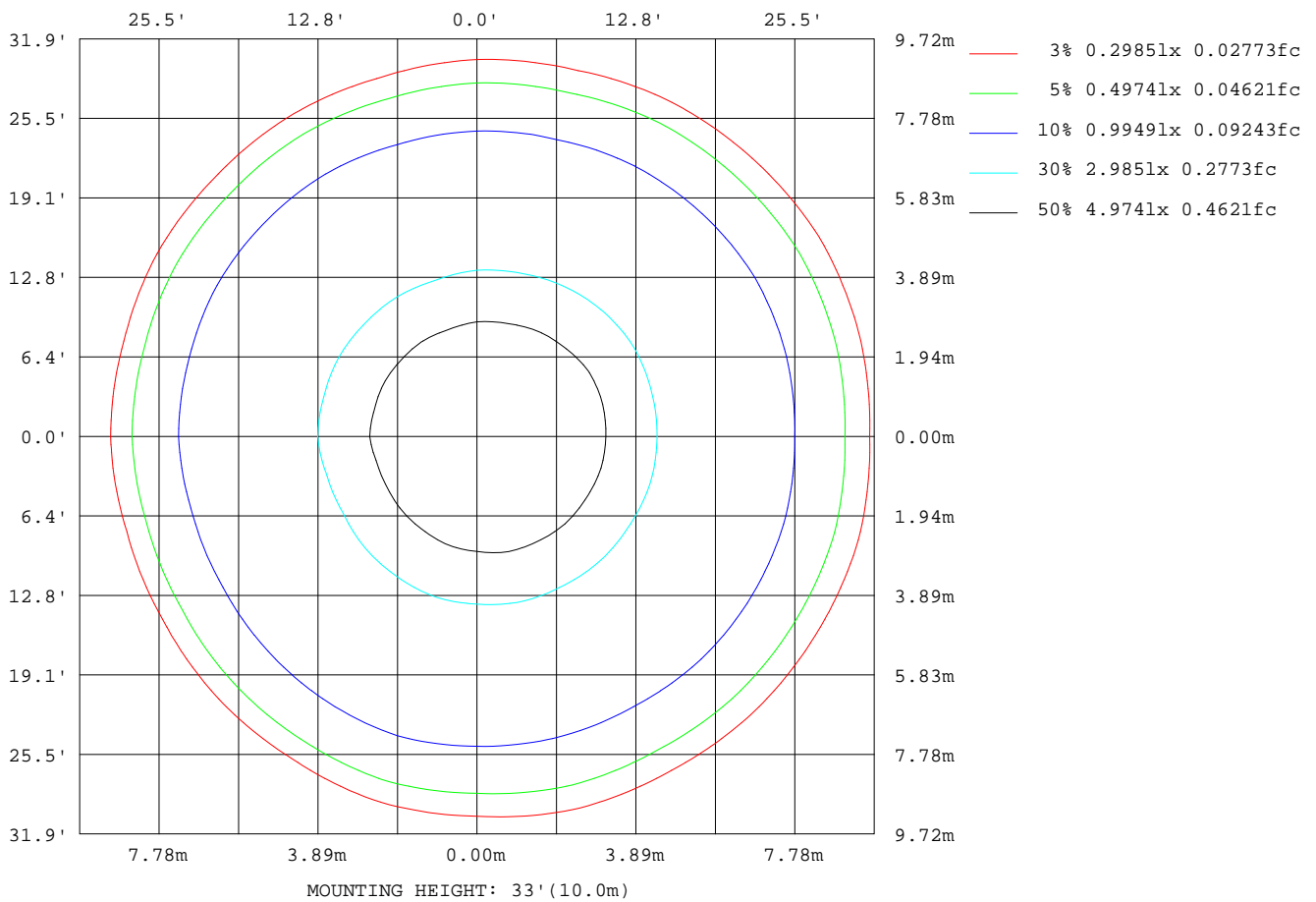
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:



## ISOLUX DIAGRAM

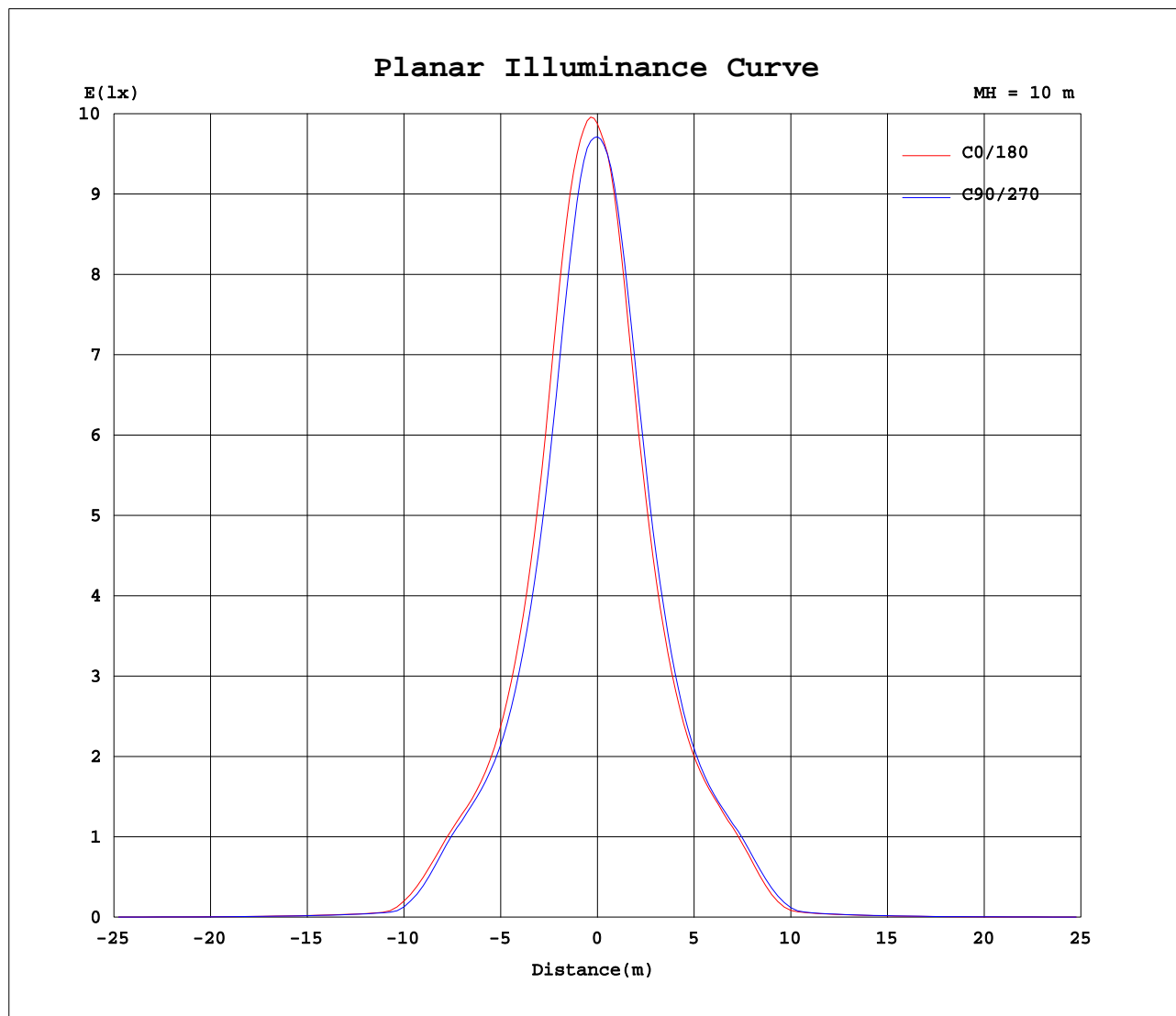
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

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	988	983	982	979	976	972	971	970	969	969	970	972	988	983	982	979	976	972	971
5	979	975	965	958	946	941	930	923	908	897	889	890	910	905	909	906	909	908	921
10	870	859	837	826	809	797	774	759	736	718	704	703	729	720	729	729	741	745	769
15	668	661	644	636	619	607	582	566	544	530	517	518	540	533	540	541	552	556	580
20	490	489	476	468	455	448	431	422	405	391	378	381	397	393	398	396	404	407	427
25	363	361	350	345	337	334	324	321	309	301	292	292	301	299	301	301	304	305	317
30	280	277	272	270	264	264	261	262	255	248	242	241	246	245	247	247	248	247	253
35	233	232	230	229	222	220	218	221	214	206	199	198	203	203	206	207	209	208	211
40	165	169	165	161	152	151	143	142	128	118	108	107	115	114	119	118	123	124	134
45	57.3	59.7	56.7	51.6	47.6	44.8	36.4	33.1	26.0	24.7	22.2	22.0	23.9	22.9	25.2	25.3	27.4	27.9	34.0
50	17.6	17.8	17.5	17.4	17.0	16.8	16.5	16.3	15.9	15.6	15.2	15.1	15.4	15.4	15.6	15.6	15.8	15.9	16.4
55	13.7	13.8	13.6	13.4	13.2	13.1	12.7	12.5	12.0	11.7	11.3	11.1	11.5	11.4	11.6	11.7	12.0	12.0	12.5
60	9.95	10.0	9.70	9.64	9.36	9.28	8.88	8.50	8.00	8.10	7.86	7.78	7.99	7.74	7.94	8.08	8.35	8.36	8.70
65	6.78	6.68	6.54	6.64	6.66	6.57	6.03	5.75	5.56	5.72	5.84	5.89	5.75	5.52	5.59	5.73	6.08	6.04	6.14
70	4.89	4.75	4.65	4.85	5.02	4.97	4.48	4.12	3.85	4.12	4.40	4.39	4.23	3.90	4.05	4.37	4.75	4.84	4.67
75	3.37	2.54	2.13	2.57	3.15	3.06	2.06	1.62	1.36	1.53	1.77	1.81	1.65	1.42	1.60	2.08	2.98	3.08	2.76
80	1.43	1.26	1.24	1.24	1.28	1.22	1.19	1.14	1.16	1.15	1.18	1.17	1.23	1.23	1.23	1.27	1.29	1.35	1.34
85	1.23	1.20	1.20	1.17	1.17	1.13	1.13	1.10	1.10	1.07	1.08	1.05	1.17	1.20	1.21	1.25	1.24	1.28	1.29
90	1.09	1.06	1.04	1.01	1.00	0.99	1.00	1.00	0.99	0.99	0.99	0.99	1.14	1.13	1.14	1.13	1.13	1.14	1.15
95	1.01	1.02	1.00	1.02	1.00	1.02	1.01	1.02	1.01	1.03	1.02	1.04	1.23	1.22	1.23	1.21	1.22	1.20	1.20
100	1.08	1.08	1.07	1.08	1.07	1.09	1.08	1.10	1.10	1.13	1.12	1.13	1.36	1.34	1.35	1.34	1.34	1.32	1.32
105	1.18	1.19	1.18	1.19	1.19	1.20	1.20	1.23	1.23	1.26	1.27	1.28	1.51	1.49	1.50	1.47	1.48	1.46	1.46
110	1.34	1.35	1.35	1.36	1.35	1.37	1.38	1.40	1.41	1.44	1.45	1.47	1.68	1.67	1.67	1.65	1.66	1.64	1.63
115	1.54	1.55	1.55	1.56	1.55	1.58	1.59	1.62	1.64	1.68	1.70	1.71	1.90	1.88	1.88	1.86	1.86	1.84	1.83
120	1.80	1.80	1.80	1.81	1.81	1.83	1.86	1.89	1.92	1.96	1.98	2.00	2.17	2.15	2.15	2.12	2.12	2.10	2.08
125	2.10	2.10	2.11	2.12	2.13	2.15	2.18	2.22	2.26	2.30	2.33	2.35	2.50	2.49	2.47	2.45	2.44	2.41	2.39
130	2.47	2.48	2.48	2.50	2.50	2.52	2.56	2.60	2.65	2.69	2.72	2.75	2.87	2.85	2.84	2.81	2.80	2.77	2.74
135	2.88	2.88	2.89	2.91	2.92	2.94	2.97	3.01	3.06	3.11	3.14	3.16	3.25	3.23	3.22	3.19	3.18	3.15	3.11
140	3.30	3.31	3.31	3.33	3.33	3.35	3.38	3.42	3.45	3.50	3.53	3.55	3.60	3.59	3.58	3.55	3.54	3.51	3.48
145	3.68	3.69	3.68	3.70	3.70	3.72	3.73	3.77	3.79	3.83	3.84	3.87	3.90	3.88	3.88	3.85	3.84	3.81	3.79
150	3.97	3.97	3.95	3.97	3.97	3.98	3.98	4.00	4.01	4.05	4.05	4.08	4.11	4.09	4.08	4.05	4.05	4.02	4.01
155	4.17	4.18	4.16	4.17	4.15	4.17	4.16	4.18	4.18	4.21	4.22	4.25	4.26	4.24	4.24	4.21	4.21	4.18	4.18
160	4.36	4.37	4.35	4.36	4.34	4.35	4.34	4.36	4.36	4.38	4.39	4.41	4.44	4.41	4.41	4.39	4.39	4.36	4.36
165	4.52	4.53	4.50	4.51	4.48	4.49	4.48	4.48	4.48	4.50	4.49	4.52	4.55	4.52	4.53	4.50	4.51	4.48	4.49
170	4.63	4.64	4.61	4.61	4.58	4.59	4.56	4.57	4.55	4.57	4.56	4.59	4.63	4.59	4.59	4.57	4.58	4.55	4.56
175	4.70	4.71	4.67	4.68	4.64	4.66	4.63	4.64	4.61	4.64	4.63	4.66	4.70	4.67	4.67	4.64	4.64	4.61	4.63
180	4.78	4.78	4.76	4.75	4.72	4.73	4.71	4.71	4.70	4.70	4.72	4.73	4.79	4.76	4.77	4.74	4.74	4.72	4.72

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [K=1.0000]  
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

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	970	969	969	970	972													
5	928	945	956	967	971													
10	782	816	840	868	874													
15	592	621	643	673	676													
20	437	458	475	493	493													
25	326	341	354	364	363													
30	258	268	276	283	284													
35	216	225	231	236	236													
40	139	153	163	171	170													
45	36.4	46.0	54.8	60.1	61.0													
50	16.5	17.0	17.3	17.9	17.9													
55	12.6	13.2	13.4	13.7	13.7													
60	8.74	9.29	9.58	9.93	9.97													
65	6.03	6.30	6.52	6.77	6.81													
70	4.47	4.59	4.74	5.08	5.09													
75	2.16	2.54	3.32	3.89	3.90													
80	1.31	1.31	1.45	1.67	1.69													
85	1.29	1.29	1.30	1.27	1.28													
90	1.19	1.20	1.21	1.19	1.20													
95	1.19	1.19	1.16	1.17	1.15													
100	1.30	1.30	1.28	1.27	1.25													
105	1.44	1.44	1.41	1.41	1.39													
110	1.61	1.60	1.57	1.56	1.55													
115	1.80	1.79	1.76	1.75	1.74													
120	2.04	2.02	1.98	1.98	1.96													
125	2.34	2.31	2.27	2.26	2.23													
130	2.70	2.66	2.61	2.59	2.57													
135	3.08	3.04	2.99	2.96	2.94													
140	3.44	3.40	3.36	3.34	3.31													
145	3.75	3.73	3.69	3.67	3.66													
150	3.98	3.97	3.94	3.93	3.92													
155	4.15	4.14	4.11	4.12	4.10													
160	4.33	4.33	4.30	4.31	4.30													
165	4.46	4.47	4.45	4.47	4.45													
170	4.54	4.56	4.55	4.57	4.56													
175	4.61	4.63	4.62	4.64	4.63													
180	4.70	4.71	4.70	4.72	4.72													

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [K=1.0000]  
Remarks: