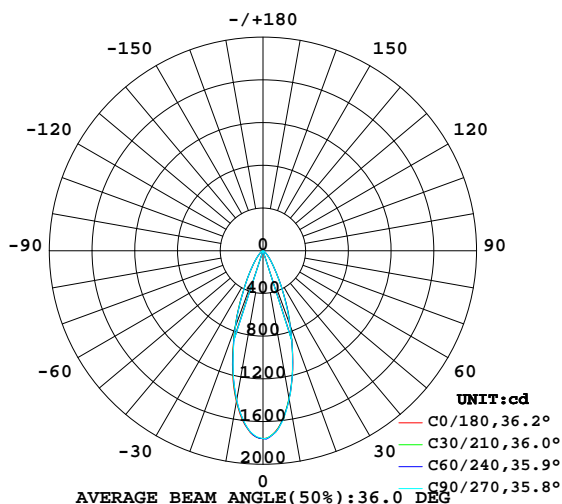


## LUMINAIRE PHOTOMETRIC TEST REPORT

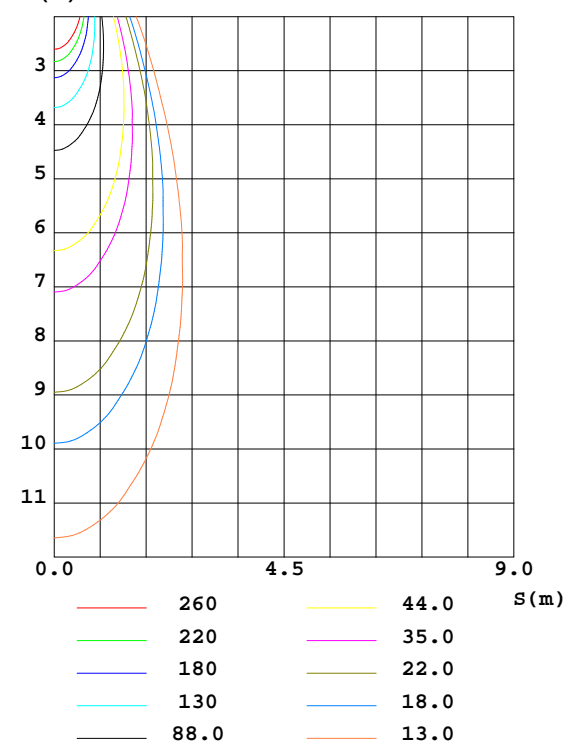
Test:U:226.5V I:0.0440A P:8.530W PF:0.8410 Lamp Flux:891.091x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 104.47 lm/W			
MODEL	M022-9W-830-S-38	Imax(cd)	1770	S/MH(C0/180)	0.58
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.58
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	891.09	η UP,DN(C0-180)	1.2,48.6
NOMINAL FLUX(lm)	891.091	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.9
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.5	η down(%)	97.4	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	%lum, lamp
10	1410	1416	1415	1446	1438	1414	1418	1412	0- 10	151.3	151.3	17,17
20	746.6	747.3	737.8	772.0	766.1	736.3	754.2	757.6	10- 20	298.6	449.8	50.5,50.5
30	274.1	267.0	275.6	285.3	283.6	274.0	279.4	280.9	20- 30	219.2	669.0	75.1,75.1
40	96.56	98.09	97.16	100.3	99.00	97.44	100.6	103.3	30- 40	105.5	774.6	86.9,86.9
50	36.83	35.58	34.61	36.57	40.45	39.28	38.25	38.41	40- 50	49.45	824.0	92.5,92.5
60	16.13	17.00	15.80	16.10	16.96	16.97	17.96	17.14	50- 60	22.48	846.5	95,95
70	8.922	8.661	8.550	8.230	8.560	8.044	8.907	8.681	60- 70	12.04	858.5	96.3,96.3
80	3.967	6.090	4.030	3.985	4.007	5.093	4.206	4.198	70- 80	6.628	865.2	97.1,97.1
90	1.561	1.876	1.698	1.866	1.873	2.102	1.975	2.194	80- 90	3.117	868.3	97.4,97.4
100	1.550	1.816	1.665	2.091	2.036	2.327	2.117	2.512	90-100	2.076	870.3	97.7,97.7
110	1.860	2.220	1.967	2.540	2.337	2.669	2.402	2.865	100-110	2.222	872.6	97.9,97.9
120	2.625	2.918	2.720	3.069	2.975	3.355	3.030	3.430	110-120	2.565	875.1	98.2,98.2
130	3.835	3.953	3.924	4.050	4.046	4.182	4.091	4.244	120-130	3.087	878.2	98.6,98.6
140	5.160	5.225	5.229	5.343	5.298	5.339	5.351	5.443	130-140	3.589	881.8	99,99
150	6.205	6.423	6.259	6.418	6.303	6.499	6.337	6.534	140-150	3.665	885.5	99.4,99.4
160	6.691	6.736	6.691	6.724	6.773	6.789	6.782	6.789	150-160	3.052	888.5	99.7,99.7
170	6.752	6.764	6.758	6.774	6.813	6.817	6.810	6.829	160-170	1.922	890.4	99.9,99.9
180	6.915	6.909	6.904	6.937	6.910	6.913	6.906	6.932	170-180	0.6502	891.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

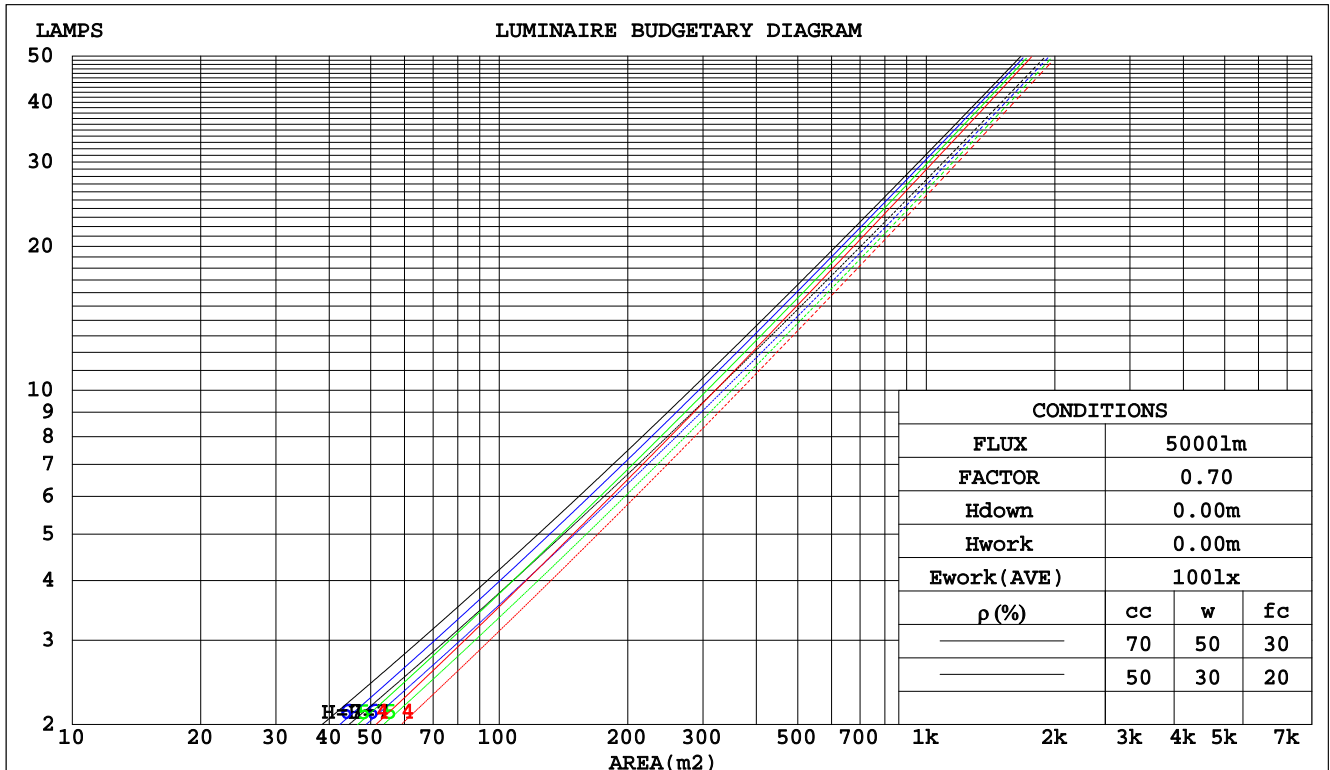
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:226.5V I:0.0440A P:8.530W PF:0.8410 Lamp Flux:891.091lx1 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	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.10	1.08	1.05	1.08	1.05	1.03	1.03	1.01	.00	.99	.98	.96	.95	.94	.93	.91
2.0	1.03	.99	.95	1.01	.97	.94	.97	.94	.92	.94	.91	.89	.91	.89	.87	.85
3.0	.96	.91	.87	.94	.90	.86	.91	.88	.85	.89	.86	.83	.86	.84	.82	.80
4.0	.90	.85	.81	.89	.84	.80	.86	.82	.79	.84	.81	.78	.82	.79	.77	.75
5.0	.85	.79	.75	.84	.79	.75	.82	.77	.74	.80	.76	.73	.78	.75	.72	.71
6.0	.80	.75	.71	.80	.74	.70	.78	.73	.70	.76	.72	.69	.75	.71	.68	.67
7.0	.76	.71	.67	.75	.70	.66	.74	.69	.66	.73	.68	.65	.71	.68	.65	.63
8.0	.73	.67	.63	.72	.67	.63	.71	.66	.62	.69	.65	.62	.68	.64	.62	.60
9.0	.69	.64	.60	.69	.63	.60	.67	.63	.59	.66	.62	.59	.65	.62	.59	.57
10.0	.66	.61	.57	.66	.60	.57	.65	.60	.57	.64	.59	.56	.63	.59	.56	.55



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:8.530W PF:0.8410 Lamp Flux:891.091lx1 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	.180	.102	.032	.172	.098	.031	.158	.091	.029	.145	.084	.027	.133	.077	.025		
2.0	.169	.093	.028	.163	.090	.028	.151	.084	.026	.140	.079	.025	.130	.073	.023		
3.0	.159	.085	.025	.154	.082	.025	.144	.078	.024	.134	.073	.023	.125	.069	.021		
4.0	.150	.078	.023	.145	.076	.022	.137	.072	.022	.128	.069	.021	.121	.066	.020		
5.0	.142	.072	.021	.138	.071	.021	.130	.068	.020	.123	.065	.019	.116	.062	.019		
6.0	.134	.067	.019	.131	.066	.019	.124	.064	.018	.117	.061	.018	.111	.059	.017		
7.0	.128	.063	.018	.124	.062	.018	.118	.060	.017	.113	.058	.017	.107	.056	.016		
8.0	.122	.059	.017	.119	.058	.017	.113	.057	.016	.108	.055	.016	.103	.053	.015		
9.0	.116	.056	.016	.113	.055	.016	.108	.054	.015	.104	.052	.015	.099	.050	.015		
10.0	.111	.053	.015	.109	.052	.015	.104	.051	.014	.100	.050	.014	.096	.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	.176	.152	.133	.151	.131	.115	.103	.091	.080	.059	.053	.047	.019	.017	.015	
3.0	.163	.133	.110	.140	.115	.095	.096	.080	.067	.055	.047	.039	.018	.015	.013	
4.0	.152	.119	.093	.131	.103	.081	.090	.072	.057	.052	.042	.034	.017	.014	.011	
5.0	.143	.107	.080	.123	.093	.070	.085	.065	.049	.049	.038	.029	.016	.012	.010	
6.0	.136	.098	.071	.117	.085	.062	.080	.059	.044	.047	.035	.026	.015	.011	.009	
7.0	.129	.090	.063	.111	.078	.055	.077	.055	.039	.044	.032	.023	.014	.011	.008	
8.0	.123	.084	.057	.106	.073	.050	.073	.051	.035	.043	.030	.021	.014	.010	.007	
9.0	.117	.079	.052	.101	.068	.046	.070	.048	.032	.041	.028	.019	.013	.009	.006	
10.0	.113	.074	.048	.097	.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:8.530W PF:0.8410 Lamp Flux:891.09lx1 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	20.8	21.7	21.1	21.9	22.1	20.7	21.6	21.0	21.8	22.0
	3H	21.1	21.9	21.4	22.1	22.4	21.0	21.8	21.3	22.0	22.3
	4H	21.2	22.0	21.5	22.3	22.5	21.1	21.9	21.4	22.2	22.4
	6H	21.4	22.1	21.7	22.4	22.7	21.3	22.0	21.6	22.3	22.6
	8H	21.4	22.1	21.7	22.4	22.7	21.3	22.0	21.7	22.3	22.6
	12H	21.4	22.1	21.8	22.4	22.8	21.4	22.0	21.7	22.4	22.7
4H	2H	20.8	21.6	21.1	21.8	22.1	20.7	21.5	21.1	21.8	22.0
	3H	21.2	21.9	21.6	22.2	22.5	21.2	21.8	21.5	22.1	22.5
	4H	21.5	22.1	21.9	22.4	22.8	21.4	22.0	21.8	22.4	22.7
	6H	21.7	22.2	22.1	22.6	23.0	21.7	22.2	22.1	22.6	23.0
	8H	21.8	22.3	22.2	22.7	23.1	21.8	22.3	22.2	22.7	23.1
	12H	21.9	22.3	22.3	22.7	23.2	21.9	22.3	22.3	22.8	23.2
8H	4H	21.6	22.1	22.0	22.5	22.9	21.5	22.0	22.0	22.4	22.9
	6H	21.9	22.3	22.4	22.7	23.2	22.0	22.4	22.5	22.9	23.3
	8H	22.0	22.4	22.5	22.9	23.4	22.2	22.6	22.7	23.1	23.5
	12H	22.2	22.5	22.7	23.0	23.5	22.4	22.7	22.9	23.2	23.7
12H	4H	21.6	22.0	22.0	22.4	22.9	21.5	22.0	22.0	22.4	22.8
	6H	22.0	22.3	22.5	22.8	23.3	22.1	22.4	22.6	22.9	23.4
	8H	22.2	22.5	22.7	23.0	23.5	22.4	22.7	22.9	23.2	23.7
Variations with the observer position at spacings:											
S = 1.0H	+ 1.1 / - 1.5					+ 1.0 / - 1.3					
1.5H	+ 2.0 / - 1.4					+ 1.9 / - 1.4					
2.0H	+ 2.3 / - 1.1					+ 1.9 / - 0.8					

CIE Pub.117 Corrected 891.1 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.4)

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:8.530W PF:0.8410 Lamp Flux:891.09lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

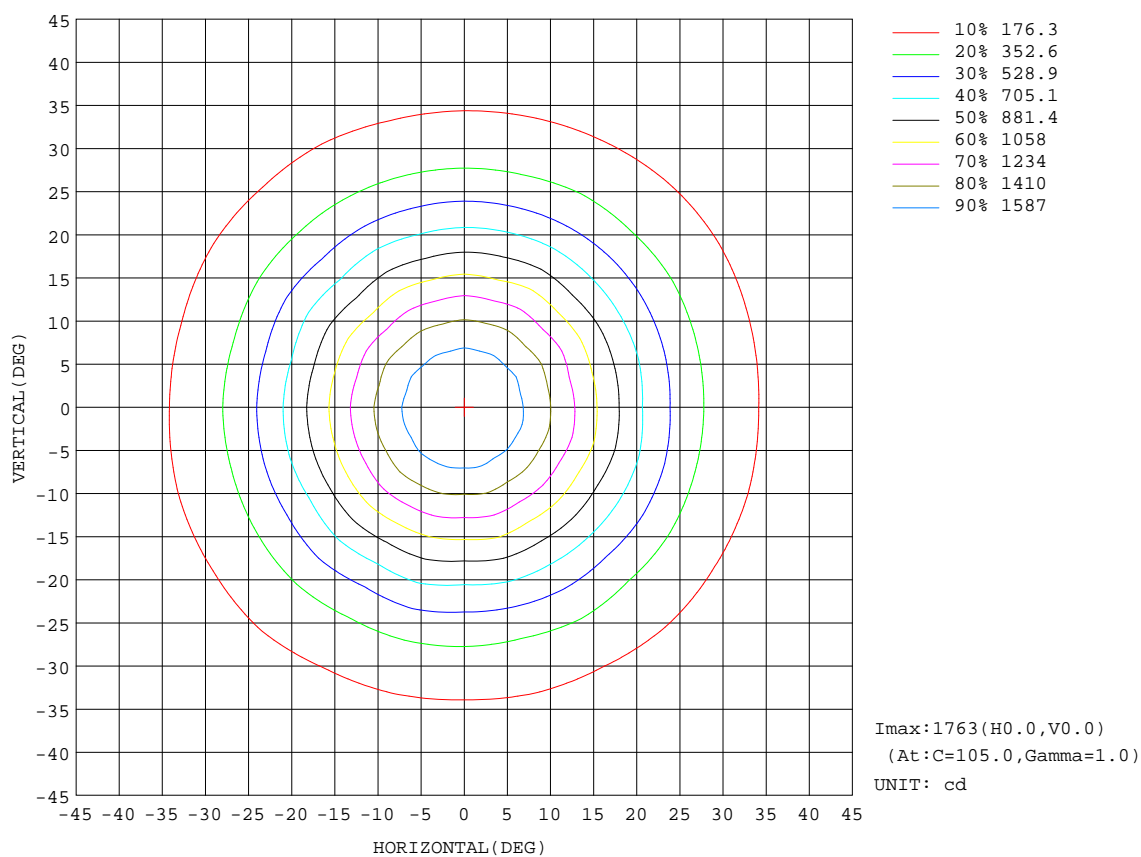
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	83	76	72	82	76	72	68
0.80	91	85	81	90	84	80	89	83	80	76
1.00	96	90	86	95	89	85	93	89	85	80
1.25	100	95	91	99	94	90	97	92	89	84
1.50	103	98	94	102	97	94	99	95	92	87
2.00	106	102	98	105	100	97	102	98	95	89
2.50	108	104	101	106	103	100	103	100	97	91
3.00	110	106	103	108	105	102	104	102	99	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  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:8.530W PF:0.8410 Lamp Flux:891.09lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



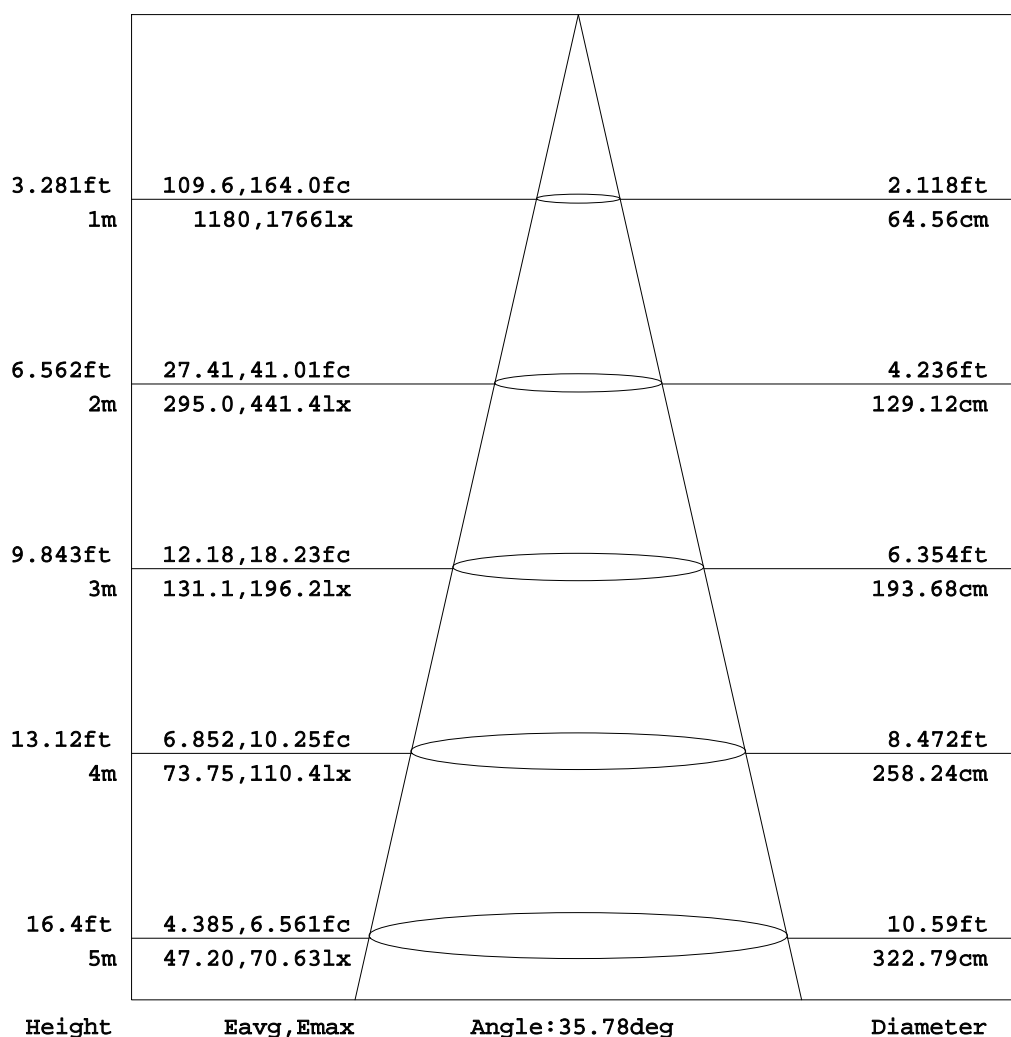
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:8.530W PF:0.8410 Lamp Flux:891.09lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:391.4 lm



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

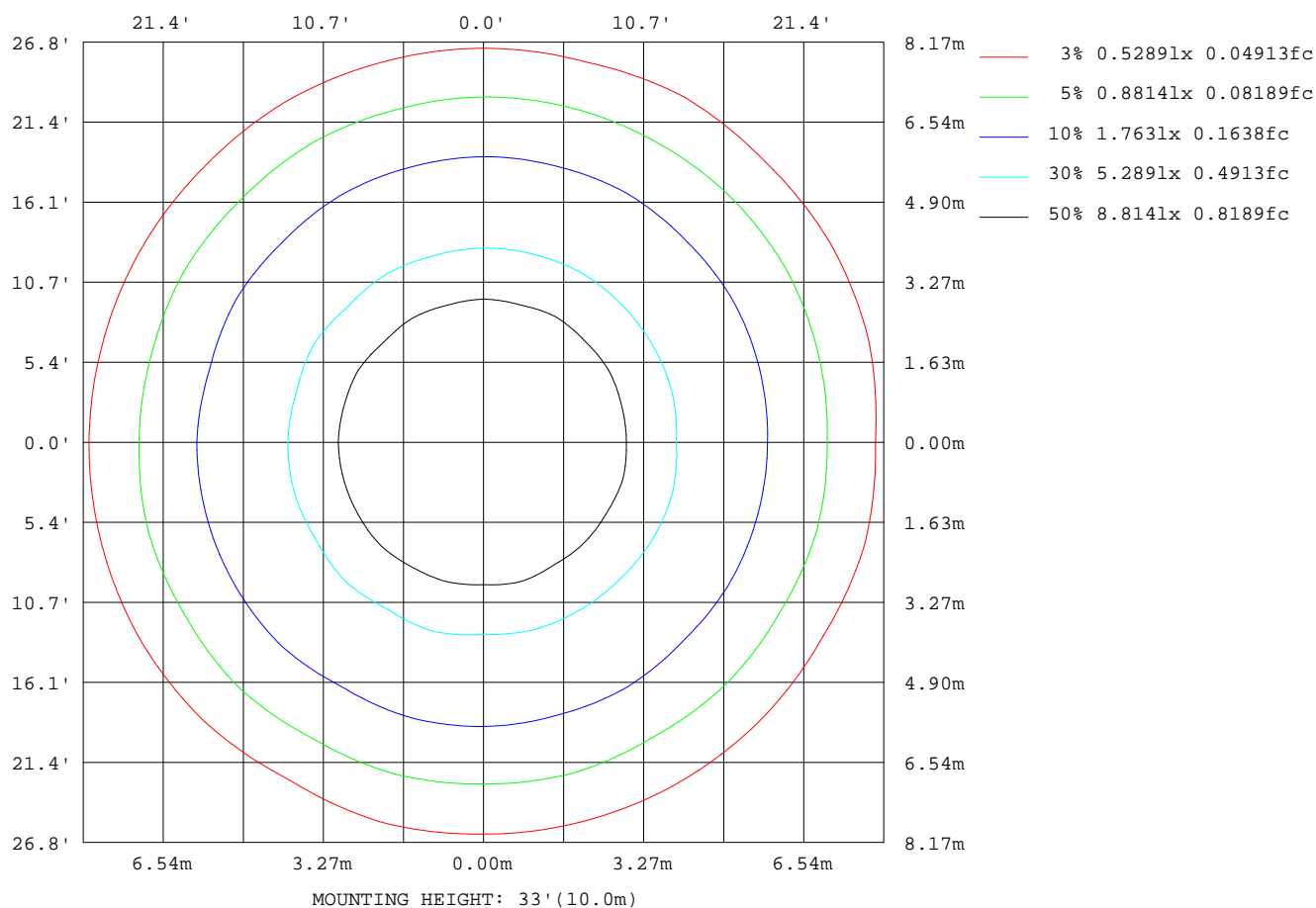
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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

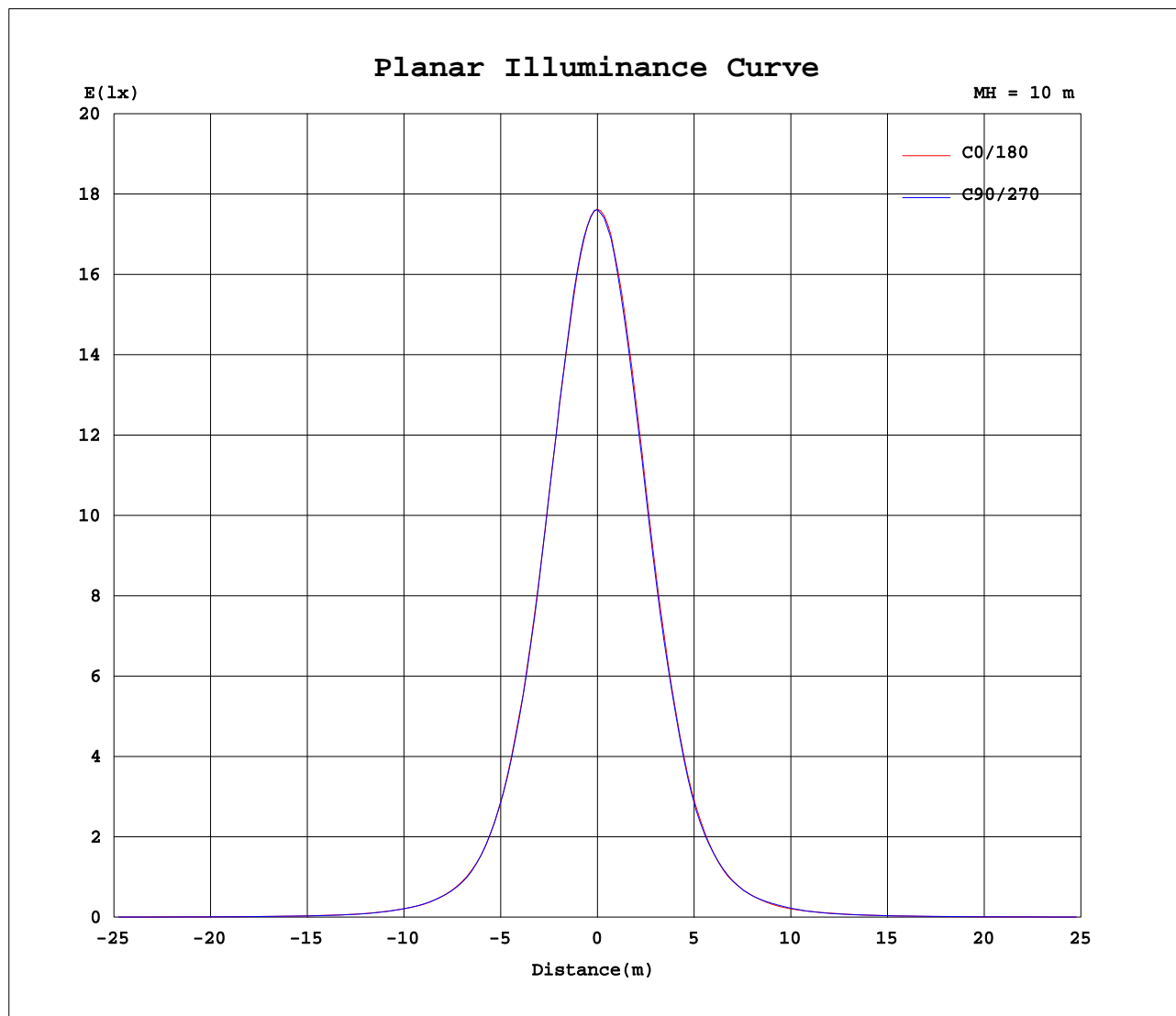
Test:U:226.5V I:0.0440A P:8.530W PF:0.8410 Lamp Flux:891.09lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:8.530W PF:0.8410 Lamp Flux:891.091x1 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	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760
5	1663	1669	1665	1677	1669	1674	1670	1680	1679	1686	1678	1676	1671	1661	1668	1665	1669	1657	1667
10	1410	1414	1404	1416	1412	1429	1415	1434	1431	1446	1434	1437	1438	1417	1430	1414	1421	1408	1418
15	1085	1093	1070	1082	1072	1100	1080	1096	1093	1114	1105	1101	1106	1090	1098	1070	1091	1073	1087
20	747	761	748	747	748	760	738	770	747	772	756	769	766	752	768	736	759	746	754
25	470	477	475	459	472	467	465	478	461	482	473	477	477	468	477	461	467	467	469
30	274	272	272	267	275	271	276	279	270	285	284	283	284	272	280	274	279	277	279
35	161	163	157	159	155	160	158	161	158	166	164	166	162	160	163	160	163	161	164
40	96.6	99.7	96.1	98.1	98.9	96.6	97.2	99.3	94.9	100	102	101	99.0	98.8	98.0	97.4	100	99.1	101
45	59.5	62.7	59.3	61.6	60.4	61.1	60.2	61.2	60.9	63.9	65.6	63.0	59.4	61.0	62.7	60.9	62.8	62.7	63.9
50	36.8	37.0	37.0	35.6	35.8	38.3	34.6	37.2	37.2	36.6	38.5	39.3	40.5	37.6	40.3	39.3	39.4	38.6	38.2
55	23.5	22.7	23.9	23.0	22.1	22.6	21.9	24.1	23.3	22.5	23.4	24.1	25.7	23.1	26.3	24.9	25.4	24.6	25.6
60	16.1	16.3	16.2	17.0	17.0	15.8	15.8	16.2	15.9	16.1	16.5	16.8	17.0	16.6	17.0	17.0	16.7	17.0	18.0
65	12.1	12.1	11.9	12.3	12.4	11.7	11.6	11.8	11.3	11.4	11.3	12.0	11.8	11.8	11.7	11.6	11.8	11.9	12.5
70	8.92	8.74	8.68	8.66	8.78	8.58	8.55	8.66	8.35	8.23	8.15	8.44	8.56	8.34	8.32	8.04	8.31	8.42	8.91
75	6.16	6.13	6.05	6.20	6.23	6.14	6.09	6.07	5.86	5.80	5.72	5.85	5.93	5.81	5.86	5.69	5.90	5.95	6.28
80	3.97	3.99	3.92	6.09	6.07	4.13	4.03	4.03	3.87	3.98	4.79	3.84	4.01	3.92	3.94	5.09	5.09	4.05	4.21
85	2.31	2.33	2.31	3.73	3.81	2.47	2.45	2.43	2.37	2.53	2.94	2.27	2.48	2.46	2.46	3.26	3.52	2.59	2.63
90	1.56	1.55	1.56	1.88	2.14	1.66	1.70	1.75	1.69	1.87	1.86	1.55	1.87	1.87	1.87	2.10	2.34	1.99	1.97
95	1.54	1.52	1.52	1.88	2.07	1.64	1.66	1.68	1.66	1.94	1.86	1.53	1.95	1.92	1.94	2.21	2.36	2.04	2.04
100	1.55	1.55	1.53	1.82	1.99	1.65	1.66	1.67	1.67	2.09	1.87	1.56	2.04	2.01	2.03	2.33	2.57	2.13	2.12
105	1.64	1.65	1.63	1.96	2.16	1.75	1.75	1.77	1.76	2.31	1.93	1.66	2.16	2.14	2.15	2.42	2.85	2.24	2.24
110	1.86	1.85	1.85	2.22	2.50	1.95	1.97	1.97	1.97	2.54	2.23	1.87	2.34	2.31	2.32	2.67	2.99	2.42	2.40
115	2.17	2.17	2.17	2.50	2.75	2.27	2.27	2.28	2.30	2.72	2.64	2.19	2.60	2.58	2.59	2.92	3.16	2.68	2.66
120	2.62	2.62	2.61	2.92	2.98	2.71	2.72	2.72	2.74	3.07	2.98	2.63	2.97	2.96	2.96	3.36	3.33	3.05	3.03
125	3.19	3.18	3.19	3.38	3.46	3.27	3.28	3.28	3.31	3.58	3.35	3.19	3.46	3.45	3.45	3.69	3.71	3.54	3.51
130	3.83	3.82	3.83	3.95	4.03	3.92	3.92	3.91	3.94	4.05	3.92	3.83	4.05	4.04	4.03	4.18	4.20	4.13	4.09
135	4.51	4.49	4.52	4.57	4.66	4.59	4.58	4.59	4.61	4.70	4.56	4.50	4.68	4.67	4.67	4.73	4.83	4.76	4.72
140	5.16	5.15	5.16	5.22	5.32	5.25	5.23	5.24	5.26	5.34	5.20	5.16	5.30	5.30	5.29	5.34	5.45	5.39	5.35
145	5.75	5.74	5.75	5.84	5.93	5.84	5.81	5.83	5.85	5.94	5.81	5.76	5.86	5.85	5.85	5.90	6.03	5.94	5.90
150	6.21	6.21	6.21	6.42	6.48	6.29	6.26	6.29	6.29	6.42	6.31	6.22	6.30	6.30	6.30	6.50	6.52	6.38	6.34
155	6.52	6.52	6.52	6.75	6.68	6.56	6.55	6.59	6.58	6.75	6.65	6.54	6.61	6.60	6.60	6.75	6.85	6.68	6.63
160	6.69	6.69	6.69	6.74	6.72	6.70	6.69	6.73	6.71	6.72	6.72	6.71	6.77	6.75	6.77	6.79	6.80	6.79	6.78
165	6.74	6.74	6.73	6.76	6.76	6.76	6.74	6.76	6.75	6.77	6.76	6.76	6.82	6.80	6.80	6.82	6.83	6.83	6.81
170	6.75	6.75	6.75	6.76	6.77	6.76	6.76	6.78	6.76	6.77	6.78	6.76	6.81	6.80	6.80	6.82	6.82	6.82	6.81
175	6.79	6.79	6.78	6.81	6.80	6.81	6.79	6.83	6.80	6.82	6.82	6.81	6.84	6.81	6.82	6.83	6.84	6.84	6.84
180	6.92	6.89	6.89	6.91	6.92	6.91	6.90	6.93	6.92	6.94	6.92	6.91	6.91	6.89	6.89	6.91	6.91	6.91	6.91

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:8.530W PF:0.8410 Lamp Flux:891.091x1 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	1760	1760	1760	1760	1760														
5	1669	1669	1666	1665	1655														
10	1415	1425	1412	1427	1408														
15	1076	1105	1087	1097	1080														
20	757	772	758	762	760														
25	472	477	478	482	475														
30	280	286	281	285	280														
35	165	166	169	170	166														
40	101	106	103	105	105														
45	65.8	68.5	65.2	66.7	62.5														
50	40.5	43.1	38.4	42.0	38.5														
55	26.5	25.8	24.8	25.4	24.1														
60	17.3	17.2	17.1	17.6	16.8														
65	12.5	12.4	12.0	12.4	12.2														
70	8.96	8.86	8.68	8.87	8.87														
75	6.24	6.18	5.99	6.33	6.15														
80	4.18	4.16	4.20	5.65	4.02														
85	2.63	2.63	2.78	3.96	2.50														
90	1.99	1.99	2.19	2.12	1.88														
95	2.04	2.06	2.34	2.24	1.93														
100	2.12	2.15	2.51	2.36	2.02														
105	2.24	2.27	2.77	2.51	2.16														
110	2.41	2.44	2.86	2.76	2.33														
115	2.67	2.69	3.10	3.05	2.60														
120	3.05	3.07	3.43	3.31	2.98														
125	3.52	3.55	3.74	3.70	3.47														
130	4.11	4.13	4.24	4.14	4.06														
135	4.75	4.75	4.84	4.73	4.70														
140	5.37	5.39	5.44	5.35	5.32														
145	5.92	5.93	6.01	5.91	5.87														
150	6.35	6.37	6.53	6.46	6.31														
155	6.63	6.66	6.97	6.79	6.61														
160	6.79	6.79	6.79	6.79	6.77														
165	6.84	6.81	6.83	6.83	6.82														
170	6.84	6.82	6.83	6.81	6.81														
175	6.86	6.84	6.85	6.84	6.83														
180	6.94	6.92	6.93	6.93	6.91														

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: