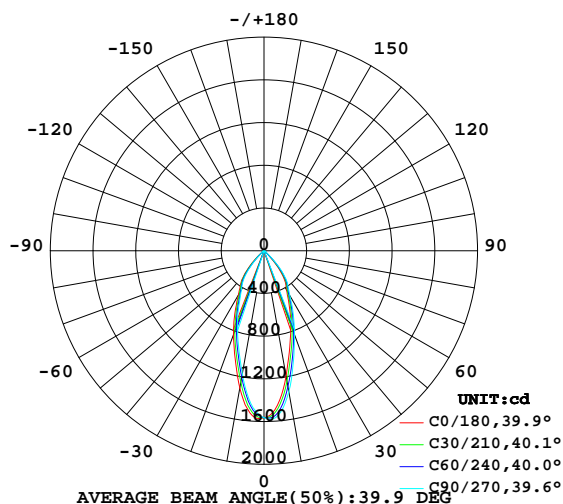


## LUMINAIRE PHOTOMETRIC TEST REPORT

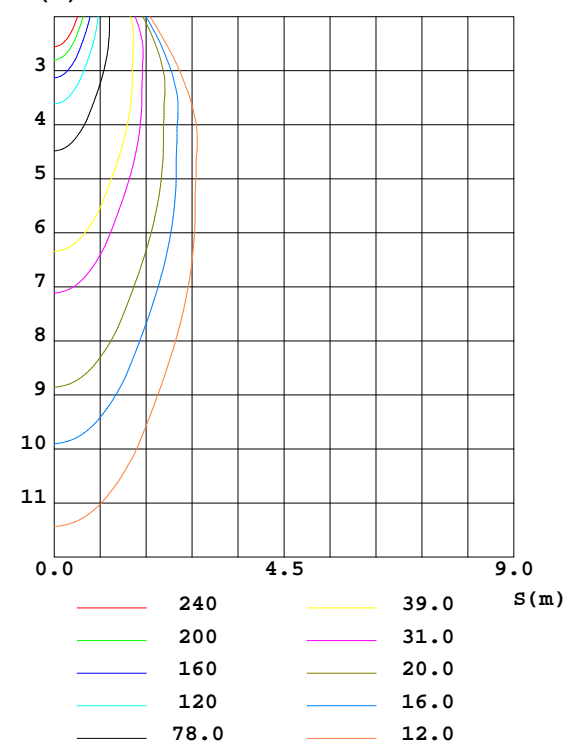
Test:U:226.5V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1073.38x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.32 lm/W			
MODEL	M031-11W-840-S-40	Imax(cd)	1584	S/MH(C0/180)	0.58
NOMINAL POWER(W)	11	LOR(%)	100.0	S/MH(C90/270)	0.66
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1073.4	η UP,DN(C0-180)	1.2,51.4
NOMINAL FLUX(lm)	1073.38	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,46.2
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.5	η down(%)	97.5	CIBSE SHR MAX	0.65

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	1191	1278	1340	1361	1306	1214	1171	1149	0- 10	134.2	134.2	12.5,12.5
20	732.8	801.9	836.5	854.9	834.7	768.7	728.5	701.1	10- 20	276.7	410.9	38.3,38.3
30	425.8	459.4	483.5	498.8	481.8	443.5	423.7	410.3	20- 30	275.8	686.7	64,64
40	212.9	255.0	281.4	296.0	275.3	241.8	209.1	194.3	30- 40	221.7	908.4	84.6,84.6
50	28.35	31.60	35.69	42.36	35.95	31.39	27.87	27.92	40- 50	88.24	996.7	92.9,92.9
60	16.87	18.46	19.25	20.18	18.94	17.30	16.20	16.07	50- 60	21.26	1018	94.8,94.8
70	9.735	10.91	11.22	11.62	10.85	9.631	9.094	9.146	60- 70	13.43	1031	96.1,96.1
80	7.361	8.386	8.299	8.567	7.942	6.932	6.643	6.724	70- 80	9.281	1041	96.9,96.9
90	1.817	2.147	2.985	3.849	2.413	2.106	2.127	2.132	80- 90	6.323	1047	97.5,97.5
100	2.049	2.022	1.967	1.945	2.401	2.450	2.498	2.514	90-100	2.301	1049	97.8,97.8
110	2.620	2.535	2.448	2.405	2.906	2.998	3.069	3.095	100-110	2.613	1052	98,98
120	3.525	3.393	3.258	3.202	3.669	3.802	3.905	3.954	110-120	3.117	1055	98.3,98.3
130	4.762	4.579	4.412	4.341	4.755	4.930	5.067	5.130	120-130	3.704	1059	98.6,98.6
140	6.113	5.945	5.781	5.709	6.032	6.190	6.310	6.363	130-140	4.172	1063	99,99
150	7.042	6.949	6.843	6.794	6.994	7.095	7.165	7.186	140-150	4.114	1067	99.4,99.4
160	7.684	7.628	7.565	7.522	7.680	7.741	7.779	7.781	150-160	3.393	1070	99.7,99.7
170	8.107	8.101	8.058	8.023	8.136	8.142	8.136	8.112	160-170	2.233	1073	99.9,99.9
180	8.368	8.380	8.355	8.318	8.389	8.376	8.355	8.316	170-180	0.7818	1073	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

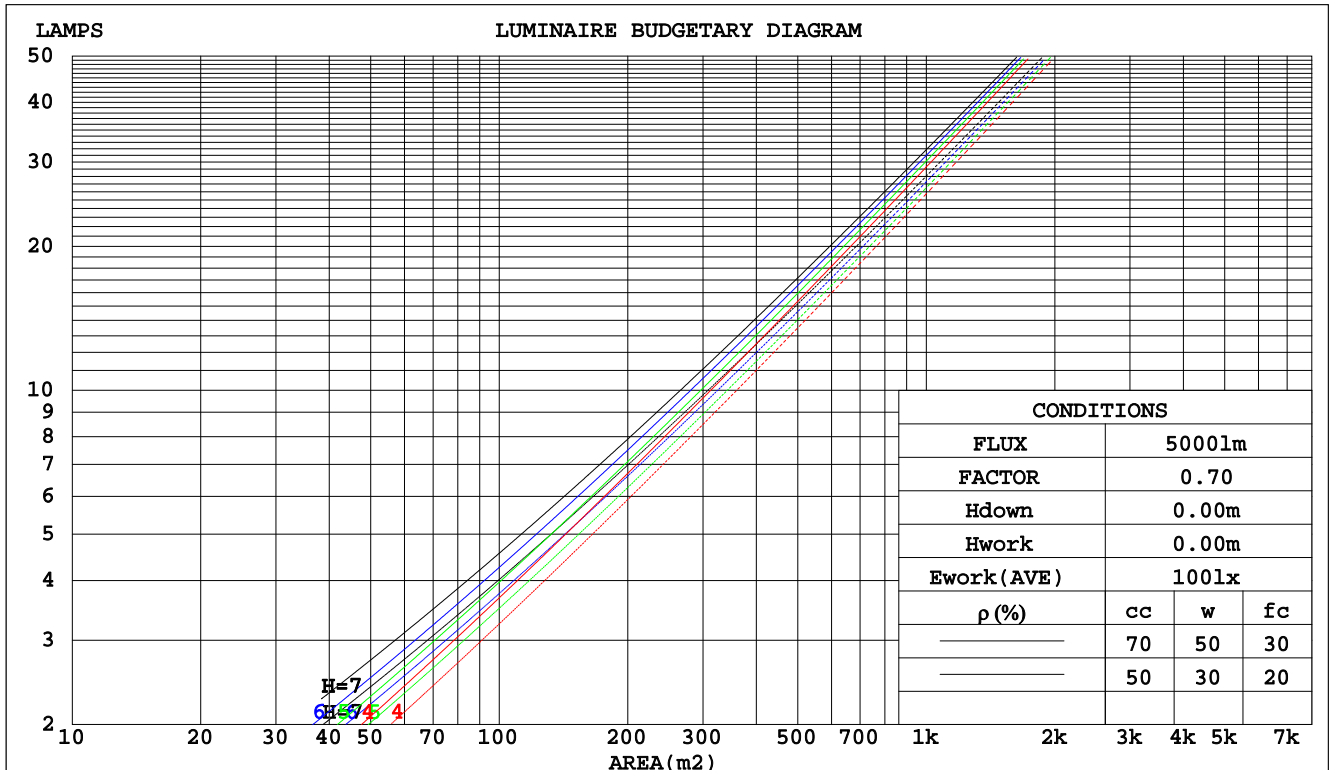
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:0.0600A P:10.70W PF:0.7910 Lamp Flux:1073.38x1 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	1.04	1.02	1.02	1.00	.99	.98	.97	.95	.94	.93	.92	.90
2.0	1.01	.97	.93	.99	.95	.92	.96	.92	.90	.92	.90	.87	.89	.87	.85	.83
3.0	.94	.89	.84	.92	.87	.84	.89	.85	.82	.86	.83	.80	.84	.81	.79	.77
4.0	.87	.82	.77	.86	.81	.77	.84	.79	.75	.81	.77	.74	.79	.76	.73	.71
5.0	.82	.76	.71	.81	.75	.71	.78	.74	.70	.77	.72	.69	.75	.71	.68	.67
6.0	.76	.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	.63	.60	.67	.63	.60	.58
8.0	.68	.62	.57	.67	.61	.57	.66	.60	.57	.64	.60	.56	.63	.59	.56	.54
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	.50	.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:226.5V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1073.38x1 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	.194	.110	.035	.187	.106	.034	.173	.099	.032	.160	.092	.030	.148	.086	.028		
2.0	.183	.101	.031	.177	.097	.030	.165	.092	.028	.154	.086	.027	.144	.081	.026		
3.0	.173	.092	.028	.168	.090	.027	.157	.085	.026	.148	.081	.025	.139	.077	.024		
4.0	.164	.085	.025	.159	.083	.025	.150	.079	.024	.141	.076	.023	.134	.073	.022		
5.0	.155	.079	.023	.151	.077	.023	.143	.074	.022	.135	.071	.021	.128	.069	.021		
6.0	.147	.074	.021	.143	.072	.021	.136	.070	.020	.130	.067	.020	.124	.065	.019		
7.0	.140	.069	.020	.137	.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	.164	.151	.140	.112	.104	.097	.064	.060	.056	.021	.019	.018	
2.0	.177	.151	.130	.151	.130	.113	.104	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.165	.133	.107	.141	.115	.093	.097	.080	.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	.078	.126	.092	.068	.087	.065	.048	.050	.038	.028	.016	.012	.009	
6.0	.139	.098	.068	.120	.085	.059	.082	.059	.042	.048	.035	.025	.015	.011	.008	
7.0	.133	.090	.061	.114	.078	.053	.079	.055	.037	.046	.032	.022	.015	.011	.007	
8.0	.127	.084	.055	.109	.073	.048	.076	.051	.034	.044	.030	.020	.014	.010	.007	
9.0	.122	.079	.050	.105	.069	.044	.073	.048	.031	.042	.028	.019	.014	.009	.006	
10.0	.117	.075	.046	.101	.065	.041	.070	.046	.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:226.5V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1073.38x1 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	23.8	24.8	24.1	25.0	25.2	24.6	25.6	24.9	25.8	26.0
3H	23.8	24.7	24.1	25.0	25.2	24.7	25.6	25.0	25.8	26.0
4H	23.9	24.7	24.2	25.0	25.3	24.7	25.6	25.0	25.8	26.1
6H	24.0	24.8	24.4	25.1	25.4	24.8	25.6	25.2	25.9	26.2
8H	24.1	24.9	24.5	25.2	25.5	24.9	25.7	25.3	26.0	26.3
12H	24.3	25.0	24.7	25.4	25.7	25.1	25.9	25.5	26.2	26.5
4H 2H	23.7	24.5	24.0	24.8	25.0	24.5	25.3	24.8	25.6	25.8
3H	23.8	24.5	24.1	24.8	25.1	24.5	25.3	24.9	25.6	25.9
4H	23.9	24.6	24.3	24.9	25.3	24.7	25.3	25.1	25.7	26.0
6H	24.2	24.8	24.6	25.2	25.6	24.9	25.5	25.4	25.9	26.3
8H	24.4	25.0	24.9	25.4	25.8	25.2	25.7	25.6	26.1	26.5
12H	24.7	25.2	25.2	25.6	26.1	25.5	26.0	25.9	26.4	26.8
8H 4H	23.9	24.5	24.4	24.9	25.3	24.7	25.2	25.1	25.6	26.0
6H	24.4	24.8	24.9	25.3	25.7	25.1	25.5	25.6	26.0	26.4
8H	24.8	25.2	25.2	25.6	26.1	25.4	25.8	25.9	26.3	26.8
12H	25.3	25.6	25.8	26.1	26.6	25.9	26.3	26.5	26.8	27.3
12H 4H	23.9	24.4	24.4	24.8	25.3	24.7	25.2	25.1	25.6	26.0
6H	24.5	24.9	24.9	25.3	25.8	25.1	25.5	25.6	26.0	26.5
8H	24.9	25.2	25.4	25.7	26.2	25.6	25.9	26.1	26.4	26.9
Variations with the observer position at spacings:										
S = 1.0H	+ 1.7 / - 2.8					+ 1.9 / - 3.1				
1.5H	+ 3.6 / - 2.8					+ 3.8 / - 3.2				
2.0H	+ 2.0 / - 0.5					+ 4.0 / - 1.0				

CIE Pub.117 Corrected 1073 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.2)

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:0.0600A P:10.70W PF:0.7910 Lamp Flux:1073.38x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

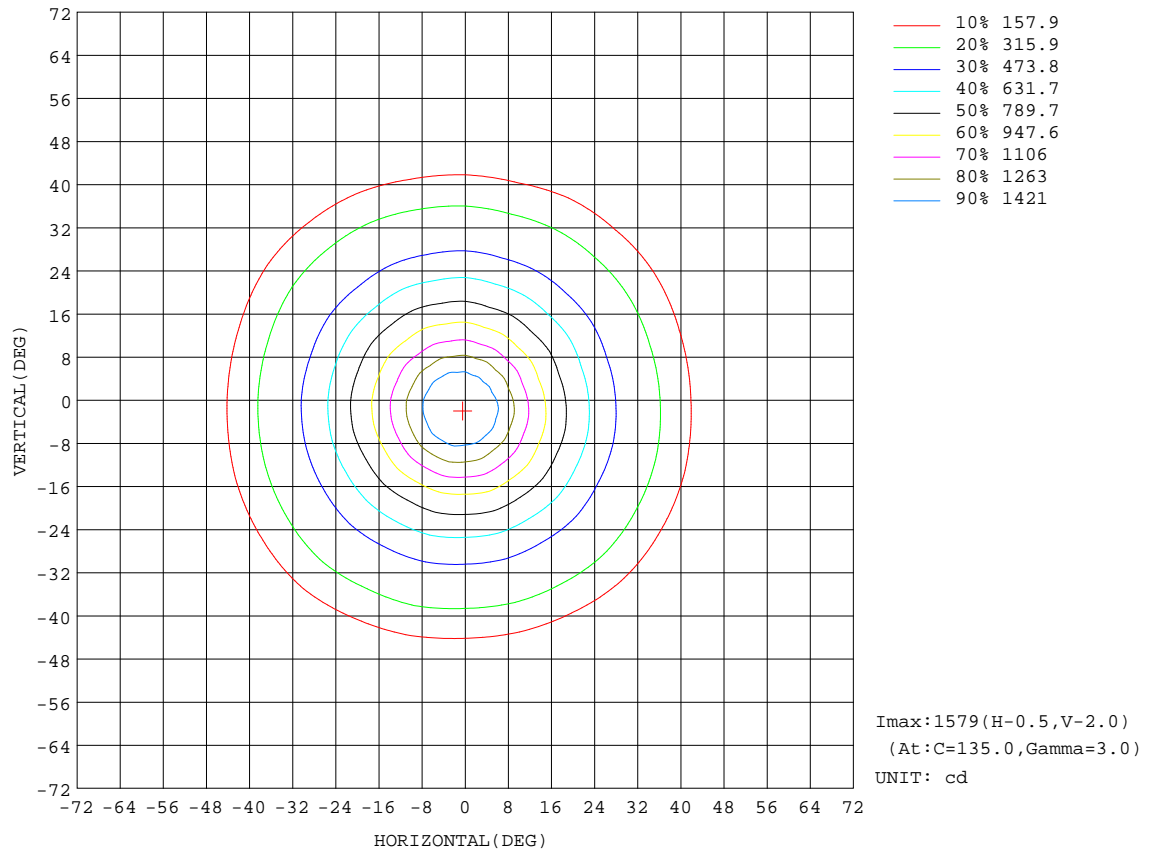
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	71	81	75	70	80	74	70	66
0.80	90	83	79	89	83	79	88	82	78	74
1.00	95	89	85	94	88	84	92	88	83	79
1.25	100	94	90	98	93	89	96	91	88	83
1.50	103	97	93	101	96	93	99	94	91	86
2.00	106	101	97	104	100	96	101	98	95	89
2.50	108	103	100	106	102	99	102	99	97	90
3.00	110	106	103	108	104	101	104	101	99	91
4.00	112	109	106	110	107	104	105	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

$\gamma$  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:0.0600A P:10.70W PF:0.7910 Lamp Flux:1073.38x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



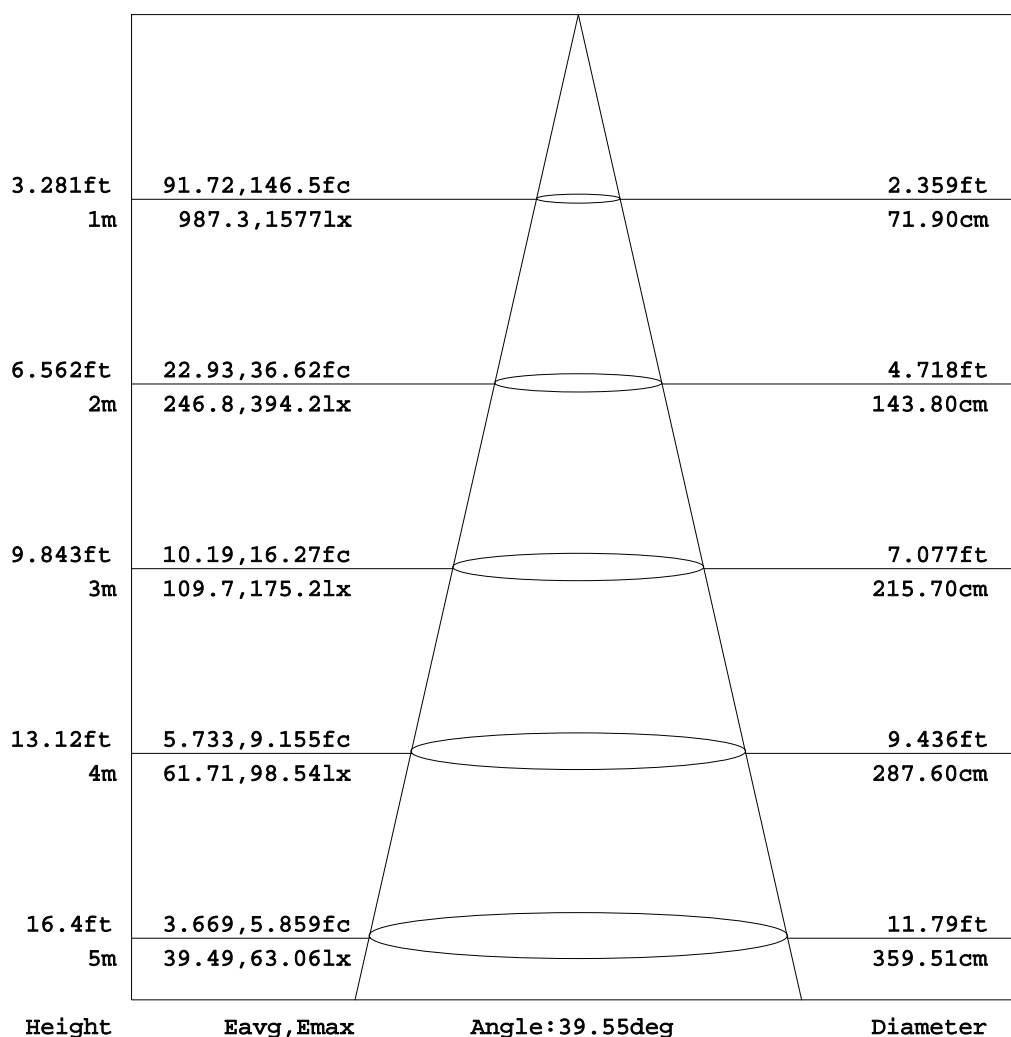
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:0.0600A P:10.70W PF:0.7910 Lamp Flux:1073.38x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:410.9 lm



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

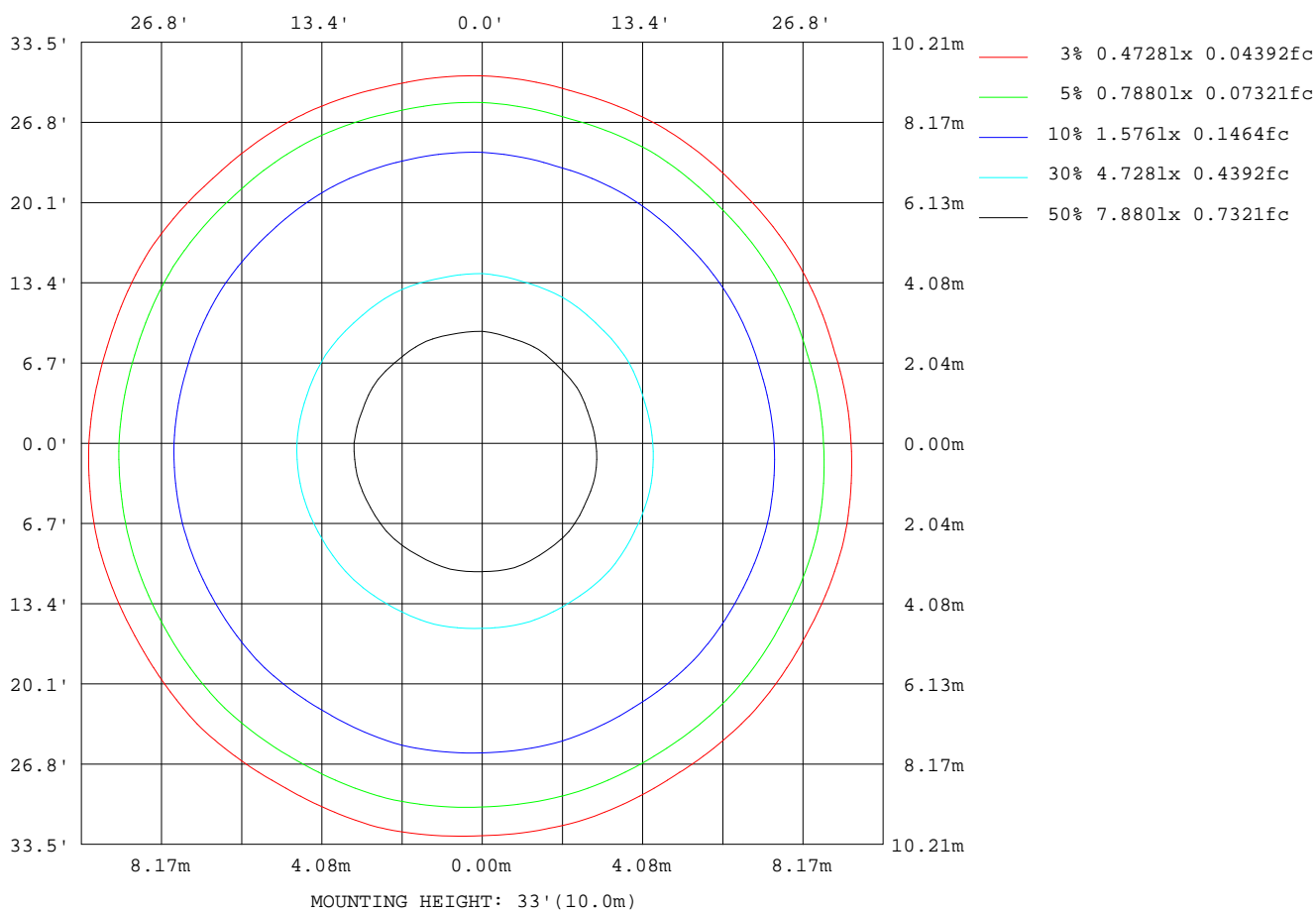
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

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

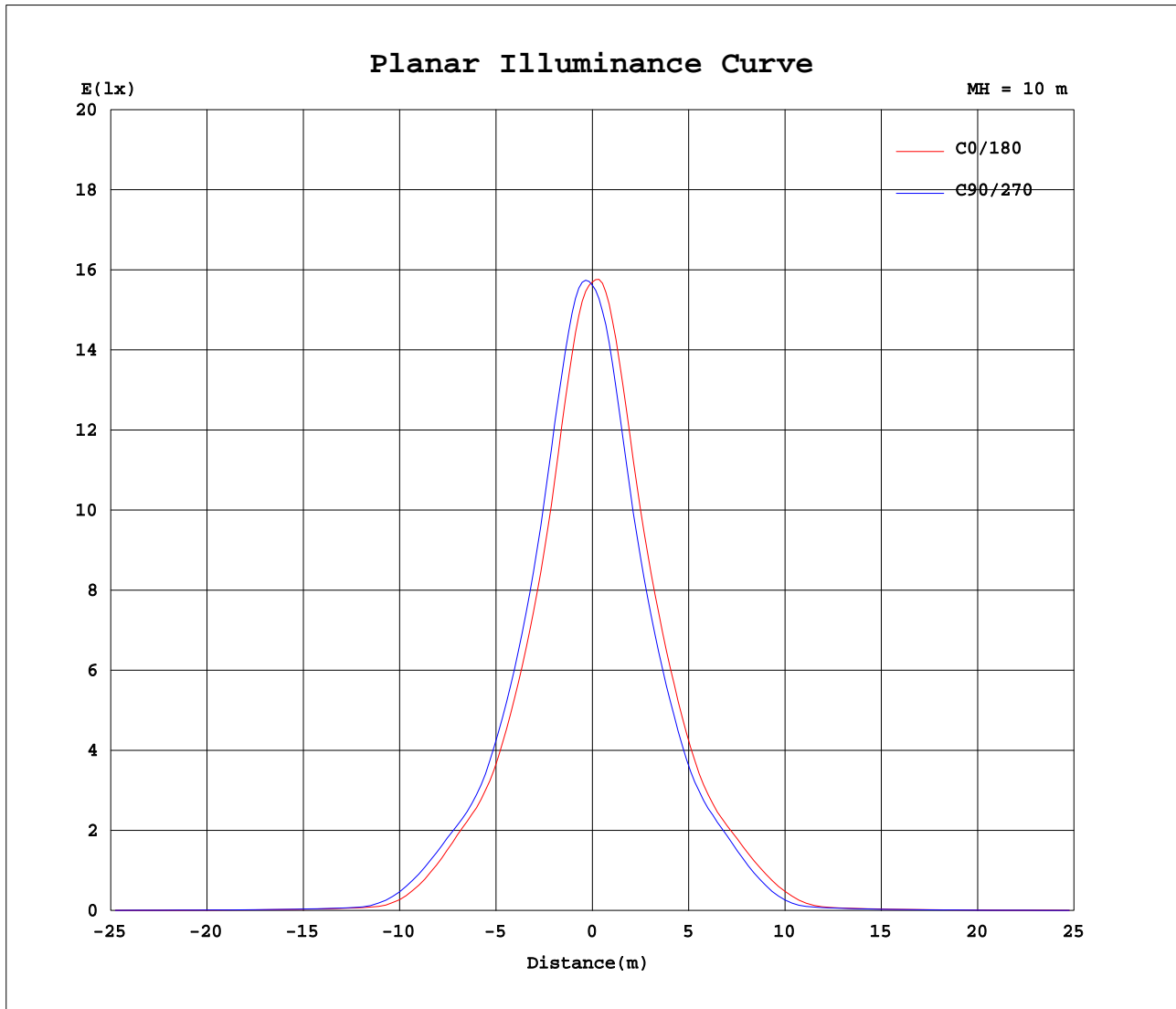
Test:U:226.5V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1073.38x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.0600A P:10.70W PF:0.7910 Lamp Flux:1073.38x1 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	1453	1475	1486	1505	1519	1540	1547	1559	1553	1556	1543	1539	1525	1501	1491	1469	1459	1436	1434
10	1191	1223	1241	1278	1292	1329	1340	1364	1355	1361	1339	1330	1306	1265	1251	1214	1204	1176	1171
15	933	963	980	1017	1032	1065	1066	1086	1076	1087	1066	1066	1047	1014	1003	969	959	929	924
20	733	759	772	802	813	837	837	850	844	855	843	850	835	808	798	769	758	734	729
25	560	580	591	616	623	643	647	660	657	664	656	659	646	625	613	589	578	561	555
30	426	439	445	459	465	481	484	495	492	499	491	491	482	465	459	443	438	428	424
35	342	354	360	373	377	388	389	397	394	399	394	392	383	372	369	358	353	344	339
40	213	227	238	255	262	275	281	291	290	296	290	286	275	263	257	242	234	219	209
45	76.9	88.7	93.6	105	111	126	132	147	143	153	145	146	135	118	113	96.4	90.7	77.9	75.2
50	28.3	29.8	30.3	31.6	32.3	34.6	35.7	39.3	40.7	42.4	40.4	40.3	36.0	33.9	33.2	31.4	29.8	27.7	27.9
55	22.1	22.6	22.9	23.5	23.9	24.4	24.7	25.6	26.0	26.2	25.7	25.6	24.6	23.8	23.5	22.8	22.5	21.8	21.7
60	16.9	17.5	17.8	18.5	18.7	19.2	19.3	19.8	20.0	20.2	19.8	19.7	18.9	18.3	18.0	17.3	17.0	16.3	16.2
65	12.2	12.9	13.4	14.1	14.3	14.6	14.7	15.1	15.1	15.3	15.0	15.0	14.3	13.7	13.3	12.6	12.2	11.6	11.5
70	9.74	10.2	10.5	10.9	11.0	11.2	11.2	11.5	11.5	11.6	11.5	11.3	10.8	10.4	10.0	9.63	9.43	9.17	9.09
75	8.37	8.75	9.06	9.36	9.41	9.47	9.42	9.56	9.62	9.74	9.65	9.50	9.13	8.71	8.40	8.08	7.93	7.78	7.68
80	7.36	7.79	8.14	8.39	8.44	8.51	8.30	8.39	8.47	8.57	8.48	8.29	7.94	7.51	7.19	6.93	6.84	6.73	6.64
85	6.13	6.63	6.96	7.24	7.27	7.32	7.13	7.24	7.33	7.45	7.32	7.19	6.73	6.22	5.94	5.69	5.68	5.55	5.45
90	1.82	1.82	1.83	2.15	2.37	3.01	2.98	3.69	3.59	3.85	2.86	2.69	2.41	2.11	2.10	2.11	2.14	2.16	2.13
95	1.89	1.89	1.89	1.88	1.89	1.90	1.82	1.84	1.82	1.83	1.83	1.89	2.21	2.22	2.24	2.26	2.28	2.28	2.29
100	2.05	2.05	2.04	2.02	2.01	2.01	1.97	1.95	1.93	1.95	1.94	1.99	2.40	2.41	2.44	2.45	2.48	2.48	2.50
105	2.29	2.28	2.25	2.24	2.22	2.19	2.16	2.14	2.12	2.13	2.14	2.18	2.63	2.64	2.67	2.69	2.73	2.74	2.75
110	2.62	2.59	2.56	2.54	2.50	2.47	2.45	2.42	2.40	2.40	2.41	2.44	2.91	2.93	2.96	3.00	3.03	3.05	3.07
115	3.03	3.00	2.97	2.92	2.88	2.83	2.80	2.77	2.76	2.76	2.77	2.79	3.25	3.29	3.32	3.36	3.40	3.42	3.45
120	3.52	3.48	3.45	3.39	3.35	3.29	3.26	3.22	3.21	3.20	3.22	3.24	3.67	3.71	3.75	3.80	3.84	3.88	3.91
125	4.11	4.05	4.01	3.94	3.90	3.82	3.79	3.75	3.74	3.73	3.75	3.77	4.18	4.23	4.27	4.33	4.38	4.42	4.45
130	4.76	4.69	4.65	4.58	4.54	4.45	4.41	4.36	4.35	4.34	4.37	4.39	4.76	4.82	4.86	4.93	4.98	5.04	5.07
135	5.46	5.39	5.34	5.26	5.21	5.13	5.09	5.04	5.03	5.02	5.05	5.07	5.40	5.46	5.51	5.58	5.63	5.69	5.72
140	6.11	6.05	6.01	5.94	5.89	5.82	5.78	5.74	5.72	5.71	5.74	5.76	6.03	6.08	6.12	6.19	6.23	6.29	6.31
145	6.64	6.60	6.57	6.52	6.48	6.42	6.38	6.35	6.33	6.33	6.33	6.36	6.57	6.61	6.65	6.69	6.73	6.78	6.79
150	7.04	7.01	6.98	6.95	6.92	6.87	6.84	6.82	6.80	6.79	6.79	6.81	6.99	7.03	7.06	7.10	7.13	7.16	7.16
155	7.38	7.36	7.34	7.31	7.28	7.26	7.23	7.21	7.18	7.18	7.18	7.18	7.36	7.38	7.41	7.44	7.46	7.49	7.49
160	7.68	7.67	7.65	7.63	7.61	7.59	7.57	7.55	7.53	7.52	7.51	7.51	7.68	7.70	7.73	7.74	7.76	7.77	7.78
165	7.91	7.91	7.90	7.89	7.87	7.86	7.84	7.83	7.80	7.81	7.78	7.78	7.94	7.95	7.96	7.97	7.98	7.98	7.99
170	8.11	8.11	8.11	8.10	8.08	8.08	8.06	8.06	8.03	8.02	8.00	8.00	8.14	8.13	8.14	8.14	8.14	8.14	8.14
175	8.24	8.26	8.26	8.26	8.24	8.25	8.22	8.23	8.19	8.19	8.16	8.16	8.28	8.26	8.29	8.27	8.27	8.26	8.25
180	8.37	8.38	8.38	8.38	8.38	8.37	8.36	8.35	8.33	8.32	8.30	8.29	8.39	8.37	8.38	8.38	8.38	8.37	8.36

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:0.0600A P:10.70W PF:0.7910 Lamp Flux:1073.38x1 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	1563	1563	1563	1563	1563														
5	1415	1421	1415	1430	1433														
10	1150	1158	1149	1167	1169														
15	903	906	897	910	912														
20	709	709	701	716	716														
25	539	538	534	544	546														
30	413	414	410	415	416														
35	326	325	320	325	330														
40	196	196	194	199	198														
45	68.8	69.4	67.0	71.5	72.2														
50	27.8	28.0	27.9	28.2	28.1														
55	21.3	21.7	21.6	21.9	21.9														
60	15.8	16.1	16.1	16.4	16.5														
65	11.3	11.5	11.5	11.8	11.9														
70	8.99	9.07	9.15	9.37	9.52														
75	7.61	7.65	7.75	7.96	8.18														
80	6.59	6.63	6.72	6.94	7.19														
85	5.29	5.33	5.31	5.61	5.94														
90	2.13	2.14	2.13	2.15	2.17														
95	2.29	2.31	2.31	2.32	2.30														
100	2.50	2.52	2.51	2.52	2.51														
105	2.76	2.77	2.78	2.78	2.77														
110	3.09	3.09	3.09	3.09	3.09														
115	3.47	3.48	3.48	3.47	3.47														
120	3.94	3.94	3.95	3.94	3.93														
125	4.49	4.50	4.51	4.48	4.47														
130	5.11	5.11	5.13	5.10	5.08														
135	5.77	5.76	5.78	5.75	5.73														
140	6.36	6.35	6.36	6.33	6.32														
145	6.82	6.81	6.82	6.80	6.78														
150	7.19	7.18	7.19	7.16	7.15														
155	7.52	7.50	7.51	7.48	7.47														
160	7.79	7.78	7.78	7.76	7.75														
165	7.99	7.97	7.97	7.95	7.94														
170	8.14	8.11	8.11	8.09	8.08														
175	8.24	8.22	8.21	8.19	8.19														
180	8.35	8.33	8.32	8.30	8.29														

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: