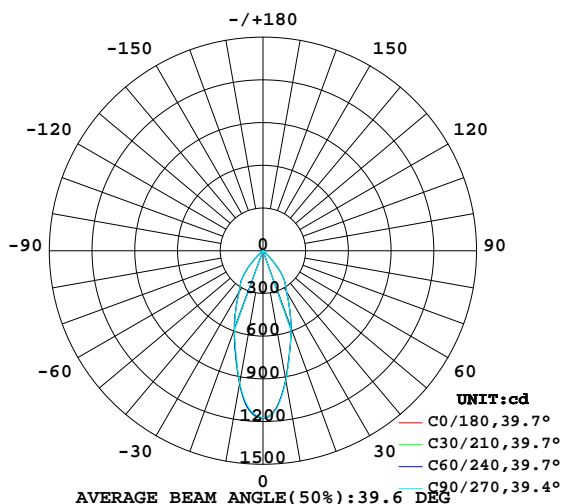


## LUMINAIRE PHOTOMETRIC TEST REPORT

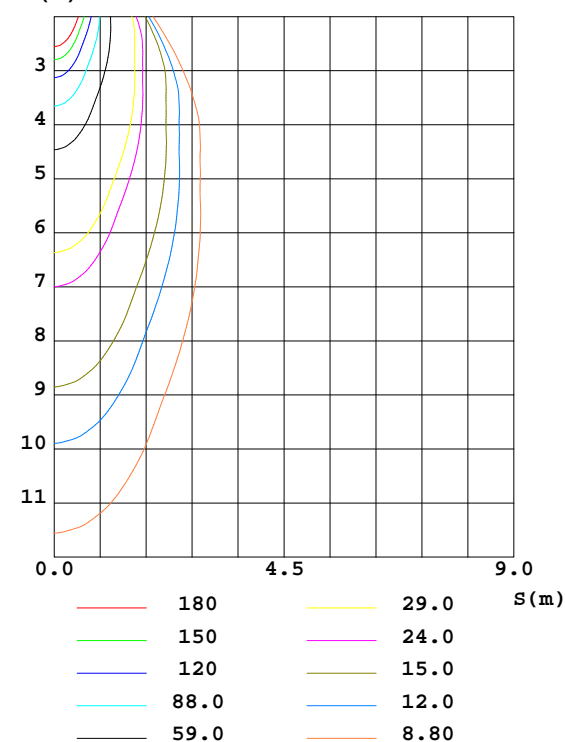
Test:U:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:798.1x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.67 lm/W			
MODEL	M021-9W-827-S-40	Imax(cd)	1178	S/MH(C0/180)	0.60
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.60
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	798.10	η UP,DN(C0-180)	1.1,48.7
NOMINAL FLUX(lm)	798.1	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,48.9
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.4	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	920.0	925.1	926.6	946.2	946.8	941.5	940.8	924.3	0- 10	100.4	100.4	12.6,12.6
20	574.9	584.9	574.0	581.1	590.6	585.3	583.0	571.3	10- 20	205.6	306.0	38.3,38.3
30	332.5	336.5	333.2	340.0	339.4	337.5	337.6	333.7	20- 30	204.6	510.6	64,64
40	177.1	186.4	178.2	184.4	186.6	188.6	187.6	179.4	30- 40	165.0	675.6	84.6,84.6
50	23.05	22.54	22.91	25.22	24.07	24.10	23.70	23.70	40- 50	66.13	741.7	92.9,92.9
60	13.28	13.46	13.49	14.07	13.82	13.32	13.17	13.29	50- 60	15.84	757.5	94.9,94.9
70	7.605	8.001	8.008	8.192	7.930	7.211	7.125	7.384	60- 70	10.08	767.6	96.2,96.2
80	5.562	6.230	6.144	5.912	5.755	4.937	4.833	5.176	70- 80	6.872	774.5	97,97
90	1.280	1.288	1.267	1.267	1.487	1.511	1.492	1.504	80- 90	4.550	779.0	97.6,97.6
100	1.414	1.445	1.401	1.421	1.739	1.744	1.737	1.741	90-100	1.597	780.6	97.8,97.8
110	1.810	1.829	1.792	1.805	2.135	2.125	2.133	2.145	100-110	1.858	782.5	98,98
120	2.449	2.463	2.428	2.424	2.710	2.714	2.707	2.727	110-120	2.234	784.7	98.3,98.3
130	3.347	3.363	3.320	3.322	3.536	3.541	3.537	3.571	120-130	2.677	787.4	98.7,98.7
140	4.339	4.345	4.321	4.318	4.453	4.467	4.474	4.499	130-140	3.033	790.4	99,99
150	5.040	5.069	5.046	5.061	5.134	5.141	5.141	5.163	140-150	2.995	793.4	99.4,99.4
160	5.546	5.570	5.550	5.570	5.614	5.625	5.625	5.640	150-160	2.474	795.9	99.7,99.7
170	5.863	5.897	5.881	5.902	5.913	5.922	5.914	5.934	160-170	1.629	797.5	99.9,99.9
180	6.083	6.102	6.091	6.108	6.078	6.109	6.084	6.105	170-180	0.5707	798.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

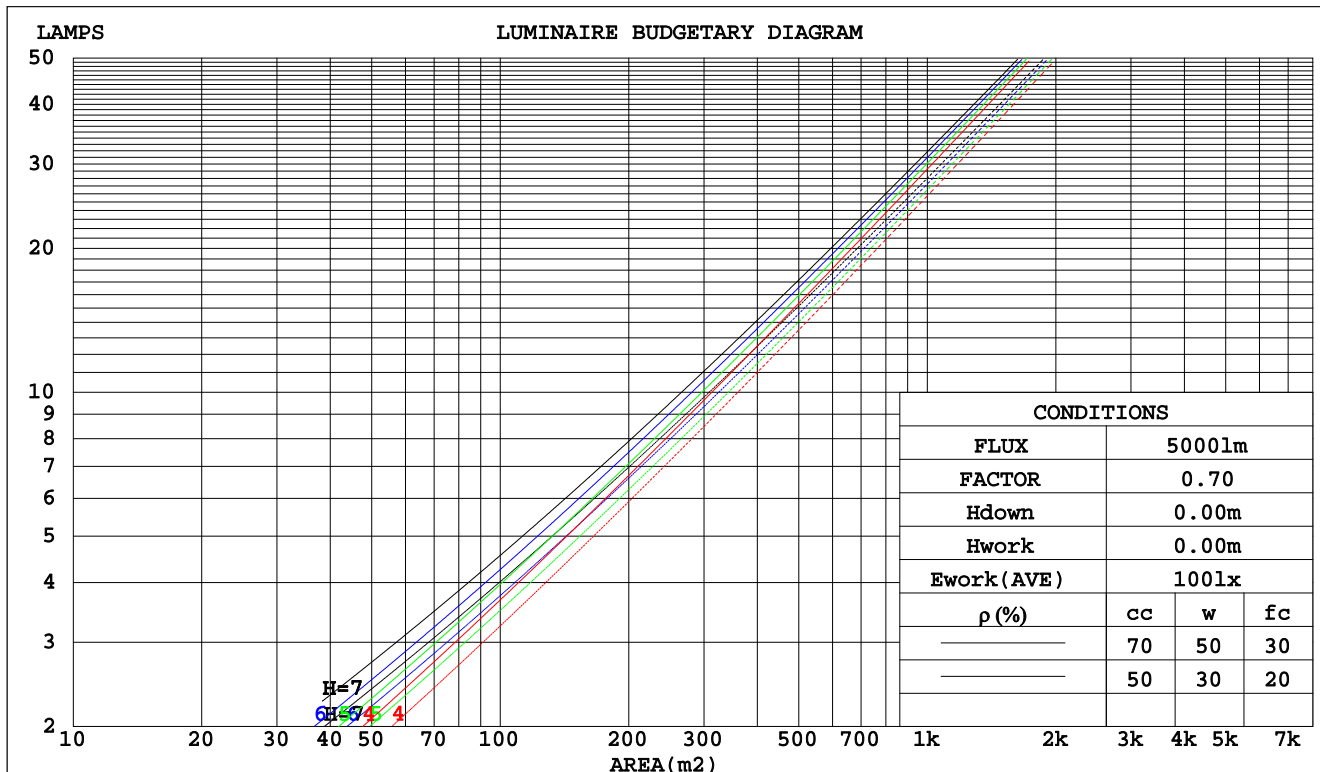
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:798.1x1 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	.98
1.0	1.09	1.07	1.04	1.07	1.05	1.02	1.02	1.01	.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	.87	.83	.80	.84	.81	.79	.77
4.0	.87	.82	.77	.86	.81	.77	.84	.79	.75	.81	.77	.74	.79	.76	.73	.72
5.0	.82	.76	.71	.81	.75	.71	.78	.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	.60	.57	.64	.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	.61	.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:8.520W PF:0.8400 Lamp Flux:798.1x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0	
p <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
p <sub>fc</sub>	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.194	.110	.035	.186	.106	.034	.172	.099	.032	.159	.092	.030	.148	.086	.028		
2.0	.183	.100	.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	.129	.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
p <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.209	.209	.209	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.191	.176	.162	.163	.151	.139	.112	.104	.096	.064	.060	.056	.021	.019	.018	
2.0	.176	.151	.130	.151	.130	.112	.103	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.164	.132	.107	.141	.114	.092	.097	.079	.065	.056	.046	.038	.018	.015	.013	
4.0	.154	.118	.090	.133	.102	.078	.091	.071	.055	.053	.042	.032	.017	.014	.011	
5.0	.146	.106	.077	.125	.092	.067	.086	.064	.047	.050	.038	.028	.016	.012	.009	
6.0	.139	.097	.067	.119	.084	.059	.082	.059	.042	.048	.035	.025	.015	.011	.008	
7.0	.132	.090	.060	.114	.078	.052	.078	.055	.037	.046	.032	.022	.015	.011	.007	
8.0	.126	.084	.054	.109	.072	.047	.075	.051	.034	.044	.030	.020	.014	.010	.007	
9.0	.121	.078	.050	.104	.068	.043	.072	.048	.031	.042	.028	.018	.014	.009	.006	
10.0	.116	.074	.046	.100	.064	.040	.070	.045	.028	.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:8.520W PF:0.8400 Lamp Flux:798.1x1 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	24.0	23.3	24.2	24.5	23.1	24.1	23.3	24.3	24.5
	3H	23.1	24.0	23.4	24.2	24.5	23.1	24.0	23.4	24.2	24.5
	4H	23.1	24.0	23.4	24.2	24.5	23.2	24.0	23.5	24.3	24.6
	6H	23.2	24.0	23.6	24.3	24.6	23.3	24.1	23.7	24.4	24.7
	8H	23.3	24.1	23.7	24.4	24.7	23.5	24.2	23.8	24.5	24.8
	12H	23.5	24.2	23.9	24.6	24.9	23.7	24.4	24.0	24.7	25.0
4H	2H	22.9	23.7	23.2	24.0	24.3	22.9	23.8	23.2	24.0	24.3
	3H	23.0	23.7	23.3	24.0	24.3	23.0	23.8	23.4	24.1	24.4
	4H	23.1	23.8	23.5	24.1	24.5	23.2	23.8	23.6	24.2	24.5
	6H	23.4	24.0	23.8	24.3	24.7	23.5	24.1	23.9	24.5	24.9
	8H	23.6	24.1	24.0	24.5	24.9	23.7	24.3	24.2	24.7	25.1
	12H	23.9	24.4	24.3	24.8	25.2	24.1	24.6	24.5	25.0	25.4
8H	4H	23.1	23.7	23.6	24.1	24.5	23.2	23.7	23.6	24.1	24.5
	6H	23.5	24.0	24.0	24.4	24.9	23.7	24.1	24.1	24.6	25.0
	8H	23.9	24.3	24.4	24.7	25.2	24.1	24.5	24.6	24.9	25.4
	12H	24.4	24.7	24.9	25.2	25.7	24.6	25.0	25.1	25.4	26.0
12H	4H	23.1	23.6	23.6	24.0	24.5	23.2	23.7	23.6	24.1	24.5
	6H	23.6	24.0	24.1	24.5	25.0	23.7	24.1	24.2	24.6	25.1
	8H	24.0	24.4	24.5	24.9	25.4	24.2	24.5	24.7	25.0	25.5
Variations with the observer position at spacings:											
S = 1.0H	+ 1.7 / - 3.0					+ 1.7 / - 2.8					
1.5H	+ 3.6 / - 3.0					+ 3.6 / - 2.8					
2.0H	+ 3.2 / - 0.7					+ 2.8 / - 0.6					

CIE Pub.117 Corrected 798.1 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.8)

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:8.520W PF:0.8400 Lamp Flux:798.1x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

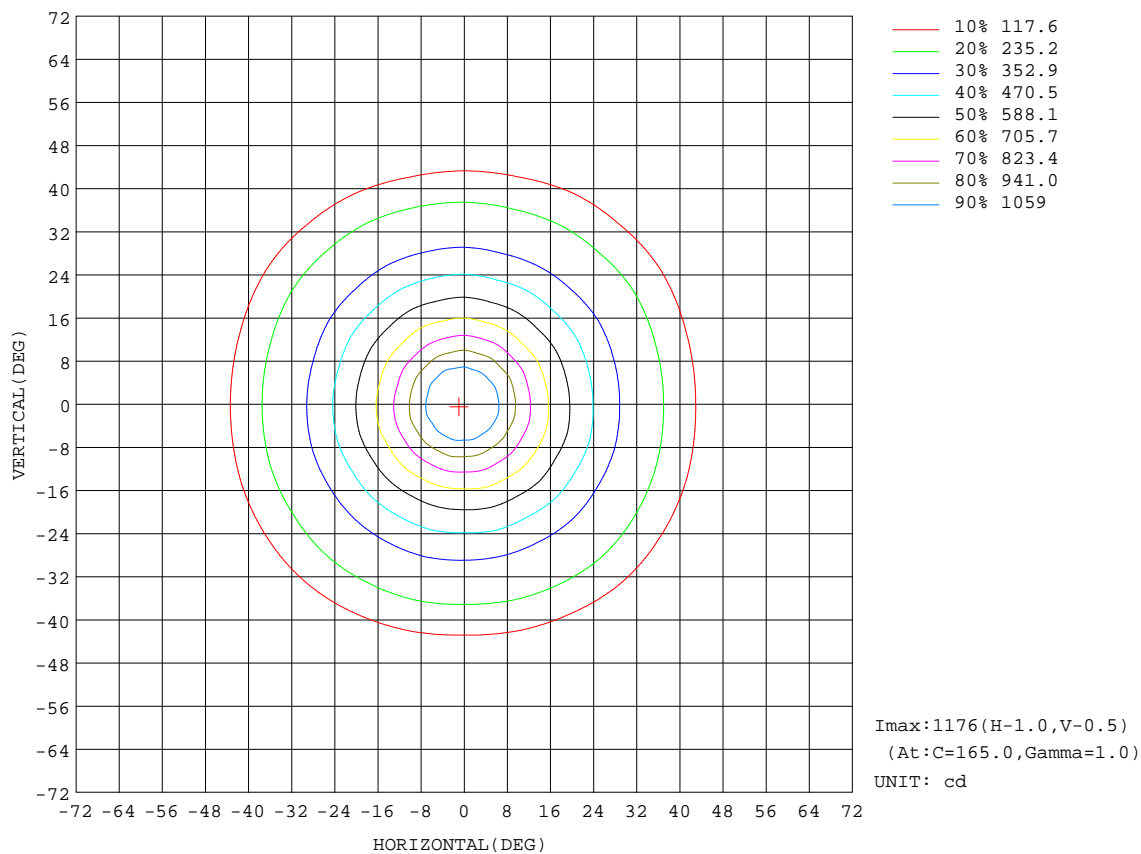
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	71	81	75	70	80	74	70	66
0.80	90	83	79	89	83	79	88	82	78	74
1.00	95	89	85	94	88	84	92	88	84	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	97	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	92
4.00	112	109	106	110	107	105	106	103	101	93
5.00	113	111	108	111	109	107	106	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

$\gamma$  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:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:798.1x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



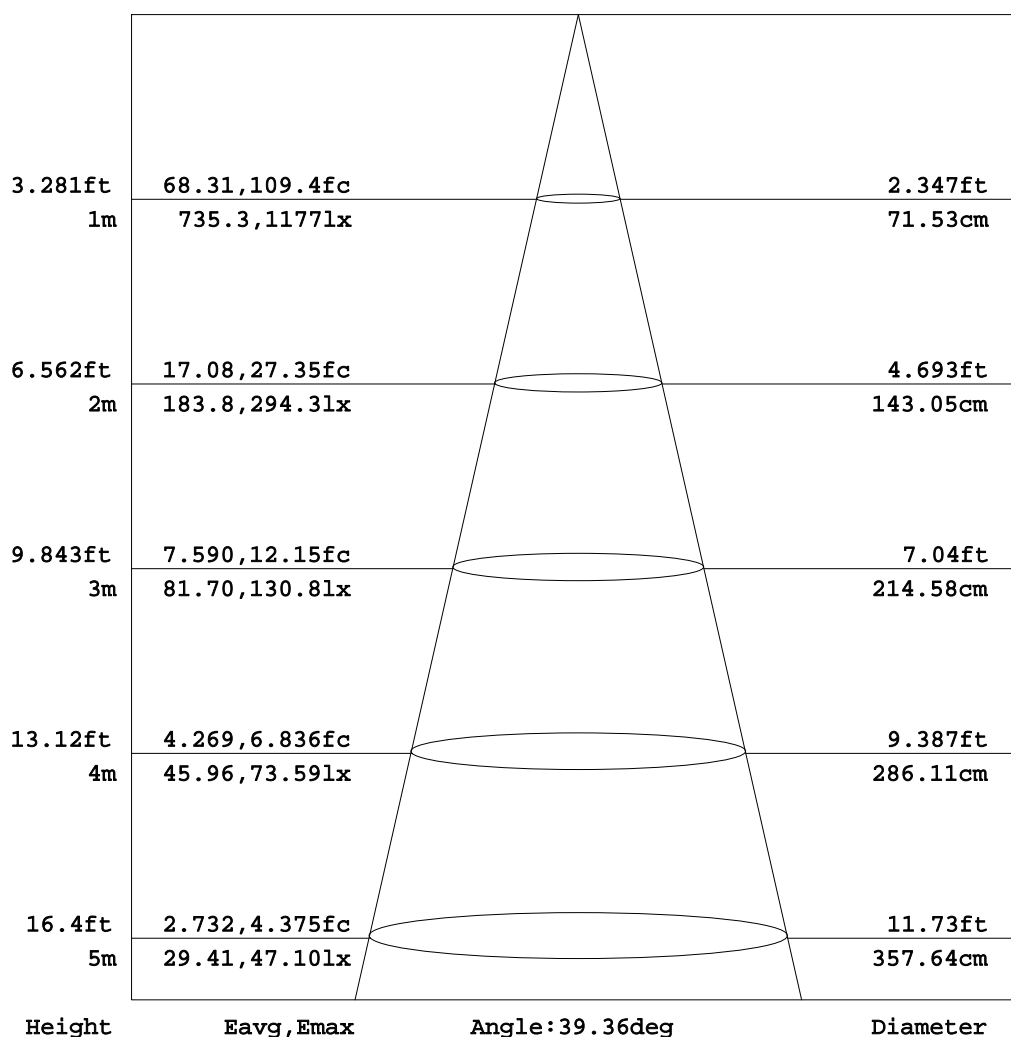
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:8.520W PF:0.8400 Lamp Flux:798.1x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:306.0 lm



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

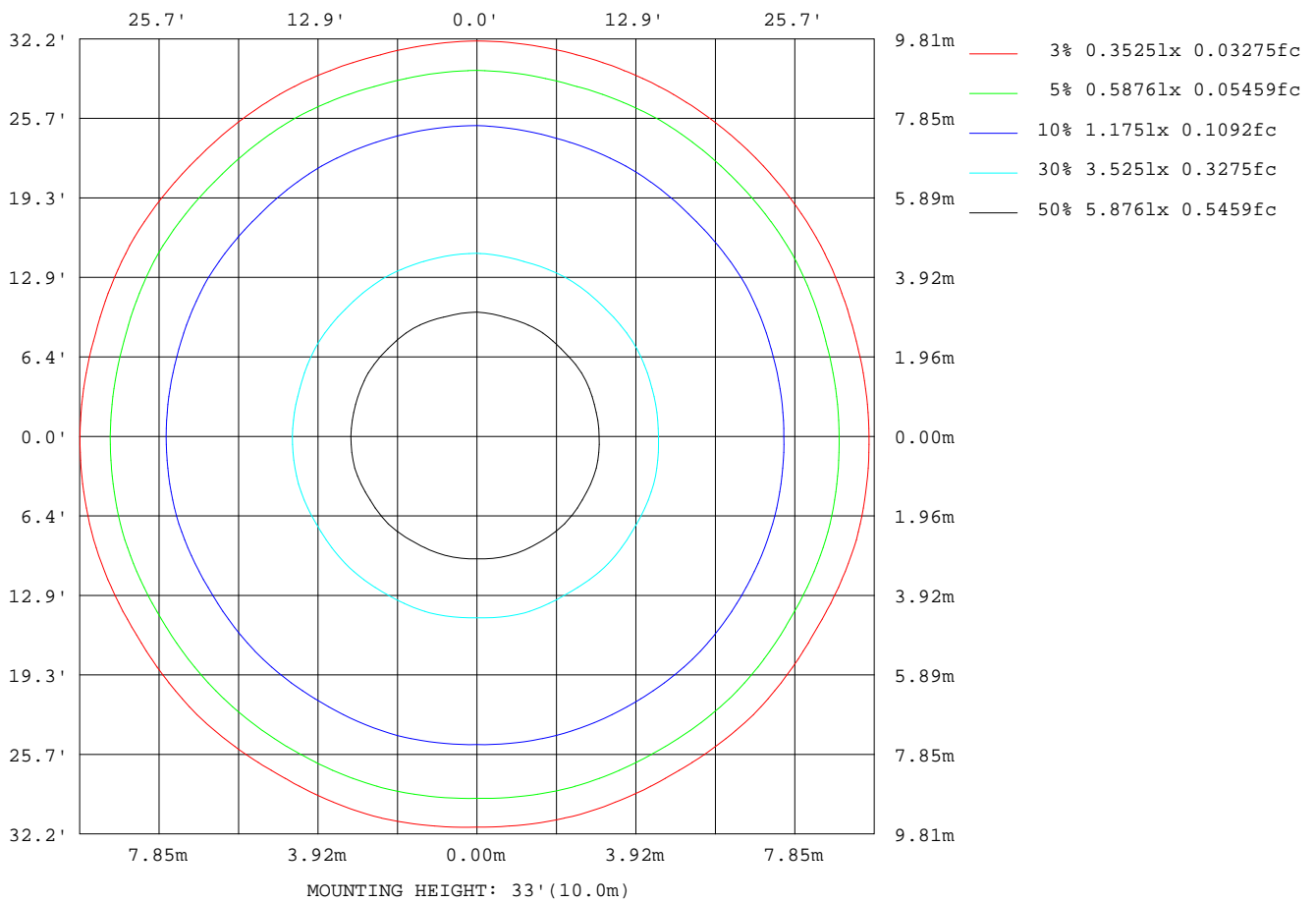
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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

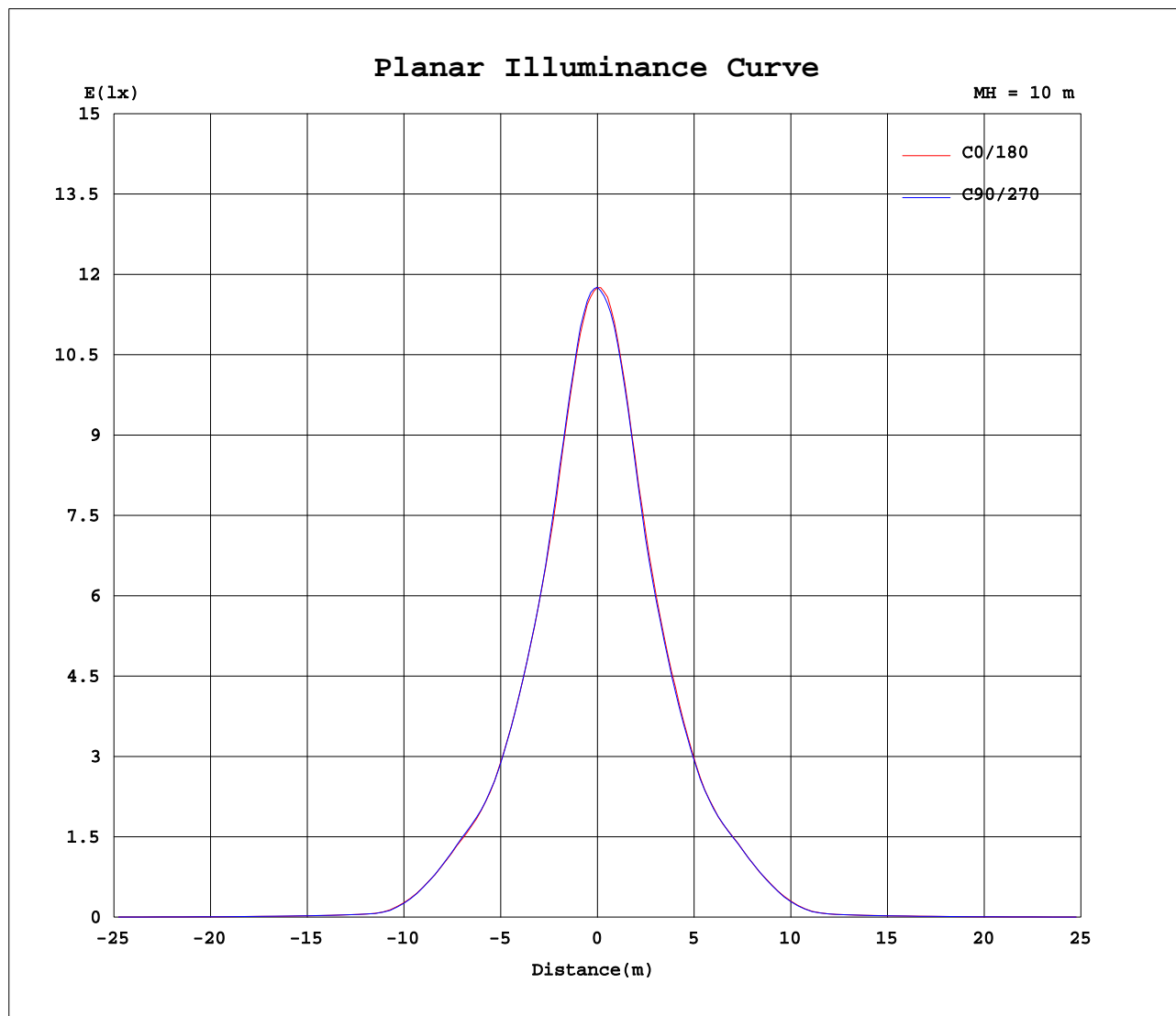
Test:U:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:798.1x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:798.1x1 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	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174
5	1102	1109	1107	1109	1109	1114	1112	1118	1114	1122	1118	1123	1123	1125	1125	1123	1121	1116	1113
10	920	924	917	925	921	931	927	942	936	946	943	953	947	946	947	942	946	937	941
15	725	735	730	737	729	736	727	735	732	743	742	751	750	744	748	740	745	736	737
20	575	584	577	585	576	580	574	580	575	581	582	592	591	588	591	585	589	581	583
25	443	449	443	448	441	447	441	448	443	448	447	455	454	451	454	448	451	447	448
30	333	336	333	336	332	335	333	341	336	340	337	341	339	337	339	338	340	337	338
35	265	268	267	272	269	270	270	273	270	272	271	274	273	272	273	272	273	271	271
40	177	182	183	186	183	183	178	185	183	184	183	187	187	188	190	189	191	185	188
45	77.0	78.8	74.9	74.0	73.6	75.1	73.7	76.2	77.8	80.8	81.7	86.5	85.7	81.9	84.9	78.4	82.7	78.8	82.7
50	23.1	23.3	22.6	22.5	22.1	22.8	22.9	23.5	24.0	25.2	24.9	24.9	24.1	24.1	24.7	24.1	24.0	23.4	23.7
55	17.3	17.4	17.1	17.2	17.0	17.4	17.4	17.9	17.8	18.3	18.2	18.2	17.9	17.6	17.7	17.4	17.4	17.3	17.3
60	13.3	13.4	13.3	13.5	13.3	13.5	13.5	13.7	13.8	14.1	14.0	14.1	13.8	13.6	13.5	13.3	13.3	13.1	13.2
65	9.82	10.1	9.95	10.1	10.0	10.2	10.1	10.4	10.3	10.6	10.5	10.6	10.4	10.1	9.98	9.73	9.61	9.48	9.58
70	7.61	7.77	7.86	8.00	8.00	8.07	8.01	8.09	8.04	8.19	8.13	8.14	7.93	7.69	7.46	7.21	7.14	7.06	7.12
75	6.42	6.60	6.75	6.89	6.95	6.97	6.90	6.87	6.80	6.85	6.83	6.82	6.69	6.42	6.14	5.89	5.75	5.74	5.79
80	5.56	5.81	6.01	6.23	6.30	6.26	6.14	6.04	5.92	5.91	5.96	5.85	5.75	5.51	5.20	4.94	4.81	4.77	4.83
85	4.68	4.95	5.12	5.35	5.36	5.31	5.07	4.99	4.81	4.86	4.91	4.85	4.83	4.58	4.31	4.07	3.99	3.98	4.07
90	1.28	1.27	1.28	1.29	1.29	1.26	1.27	1.26	1.27	1.27	1.34	1.27	1.49	1.50	1.49	1.51	1.51	1.50	1.49
95	1.30	1.33	1.31	1.34	1.32	1.31	1.29	1.31	1.30	1.32	1.32	1.32	1.59	1.59	1.60	1.59	1.60	1.58	1.59
100	1.41	1.44	1.42	1.45	1.42	1.42	1.40	1.42	1.40	1.42	1.41	1.42	1.74	1.74	1.75	1.74	1.75	1.73	1.74
105	1.58	1.60	1.59	1.60	1.59	1.58	1.57	1.58	1.57	1.58	1.57	1.58	1.92	1.91	1.92	1.91	1.92	1.90	1.91
110	1.81	1.82	1.82	1.83	1.82	1.81	1.79	1.80	1.79	1.80	1.79	1.80	2.14	2.12	2.13	2.12	2.13	2.12	2.13
115	2.09	2.11	2.10	2.11	2.10	2.09	2.08	2.09	2.08	2.08	2.08	2.08	2.39	2.39	2.40	2.39	2.39	2.39	2.39
120	2.45	2.46	2.45	2.46	2.45	2.44	2.43	2.43	2.43	2.42	2.43	2.43	2.71	2.71	2.71	2.71	2.71	2.71	2.71
125	2.86	2.87	2.87	2.88	2.86	2.85	2.85	2.85	2.84	2.84	2.84	2.84	3.10	3.10	3.11	3.10	3.10	3.10	3.10
130	3.35	3.35	3.35	3.36	3.35	3.34	3.32	3.33	3.32	3.32	3.32	3.32	3.31	3.54	3.54	3.54	3.54	3.54	3.54
135	3.85	3.87	3.85	3.86	3.85	3.84	3.83	3.84	3.83	3.83	3.83	3.82	4.01	4.01	4.01	4.01	4.01	4.02	4.01
140	4.34	4.35	4.35	4.35	4.35	4.34	4.32	4.33	4.31	4.32	4.32	4.32	4.45	4.46	4.46	4.47	4.46	4.47	4.47
145	4.73	4.76	4.75	4.76	4.74	4.75	4.73	4.76	4.73	4.74	4.74	4.74	4.83	4.85	4.84	4.85	4.85	4.84	4.84
150	5.04	5.06	5.06	5.07	5.05	5.07	5.05	5.07	5.05	5.06	5.04	5.05	5.13	5.14	5.13	5.14	5.14	5.14	5.14
155	5.31	5.33	5.32	5.33	5.33	5.34	5.32	5.34	5.33	5.32	5.32	5.32	5.40	5.41	5.40	5.41	5.39	5.40	5.40
160	5.55	5.56	5.56	5.57	5.56	5.57	5.55	5.58	5.55	5.57	5.55	5.56	5.61	5.62	5.62	5.63	5.62	5.62	5.63
165	5.74	5.74	5.75	5.75	5.74	5.74	5.74	5.77	5.75	5.75	5.75	5.75	5.79	5.79	5.78	5.80	5.79	5.79	5.79
170	5.86	5.88	5.87	5.90	5.88	5.89	5.88	5.91	5.88	5.90	5.88	5.89	5.91	5.93	5.93	5.92	5.93	5.93	5.91
175	5.98	5.99	6.00	6.01	6.00	6.01	5.99	6.02	6.01	6.01	6.00	6.01	6.01	6.02	6.03	6.02	6.02	6.03	6.02
180	6.08	6.10	6.10	6.10	6.10	6.10	6.09	6.11	6.10	6.11	6.10	6.10	6.08	6.10	6.09	6.11	6.09	6.10	6.08

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:8.520W PF:0.8400 Lamp Flux:798.1x1 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	1174	1174	1174	1174	1174														
5	1107	1110	1106	1105	1101														
10	930	934	924	930	920														
15	729	731	723	730	722														
20	574	577	571	577	574														
25	440	444	440	446	442														
30	332	332	334	338	333														
35	266	265	266	268	265														
40	181	185	179	184	178														
45	81.4	82.4	79.8	81.4	76.2														
50	23.6	24.1	23.7	23.6	22.8														
55	17.3	17.5	17.4	17.4	17.2														
60	13.1	13.3	13.3	13.3	13.1														
65	9.57	9.72	9.70	9.82	9.73														
70	7.17	7.32	7.38	7.50	7.53														
75	5.88	6.01	6.11	6.24	6.35														
80	4.93	5.04	5.18	5.34	5.49														
85	4.18	4.28	4.36	4.52	4.63														
90	1.50	1.49	1.50	1.52	1.51														
95	1.59	1.60	1.59	1.61	1.60														
100	1.74	1.74	1.74	1.75	1.74														
105	1.91	1.92	1.92	1.93	1.93														
110	2.13	2.14	2.15	2.15	2.15														
115	2.39	2.40	2.40	2.42	2.41														
120	2.71	2.72	2.73	2.74	2.74														
125	3.11	3.11	3.12	3.13	3.13														
130	3.55	3.56	3.57	3.57	3.58														
135	4.03	4.03	4.05	4.05	4.05														
140	4.48	4.48	4.50	4.50	4.51														
145	4.86	4.86	4.88	4.88	4.88														
150	5.16	5.16	5.16	5.17	5.17														
155	5.42	5.41	5.41	5.43	5.44														
160	5.65	5.64	5.64	5.64	5.64														
165	5.80	5.81	5.80	5.81	5.80														
170	5.94	5.93	5.93	5.93	5.93														
175	6.05	6.03	6.03	6.03	6.05														
180	6.11	6.09	6.11	6.10	6.11														

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: