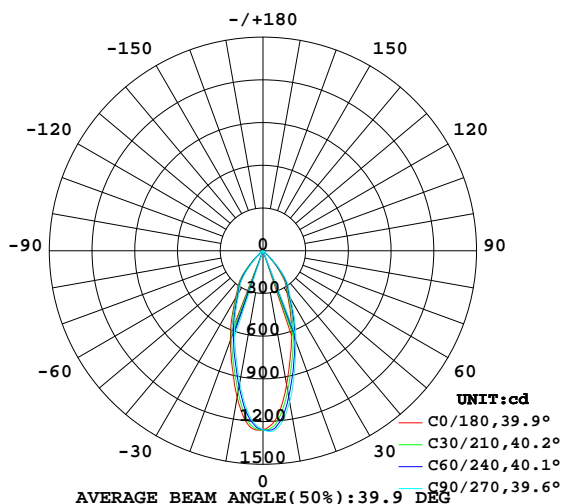


## LUMINAIRE PHOTOMETRIC TEST REPORT

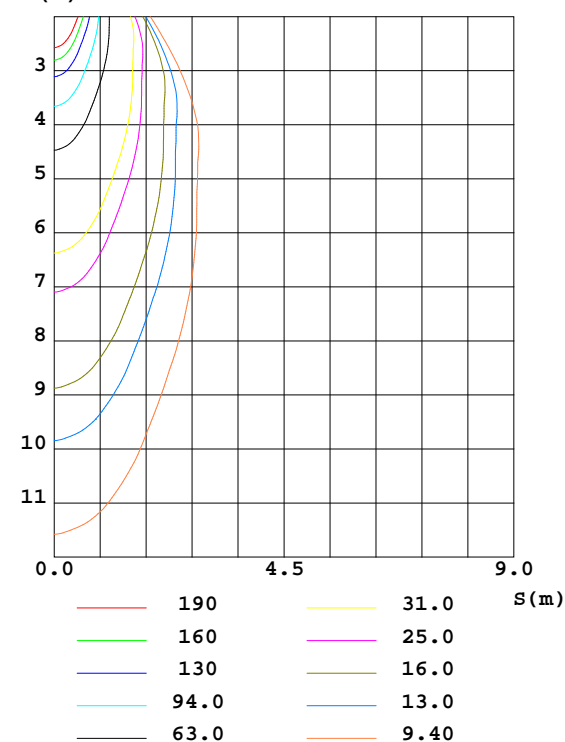
Test:U:226.5V I:0.0440A P:8.470W PF:0.8400 Lamp Flux:863.736x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 101.98 lm/W			
MODEL	M021-9W-840-S-40	Imax(cd)	1275	S/MH(C0/180)	0.58
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.66
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	863.74	η UP,DN(C0-180)	1.2,51.4
NOMINAL FLUX(lm)	863.736	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,46.2
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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	956.8	1026	1078	1093	1048	975.6	942.2	926.8	0- 10	108.0	108.0	12.5,12.5
20	589.2	644.4	674.1	687.0	670.5	619.0	586.2	566.0	10- 20	222.8	330.8	38.3,38.3
30	341.5	369.5	389.8	401.7	386.1	356.4	341.2	330.5	20- 30	222.0	552.8	64,64
40	170.6	204.8	226.2	238.4	220.8	194.6	168.6	157.0	30- 40	178.5	731.2	84.7,84.7
50	22.96	25.52	28.77	34.05	29.01	25.32	22.51	22.53	40- 50	71.06	802.3	92.9,92.9
60	13.59	14.87	15.52	16.23	15.28	13.95	13.05	12.96	50- 60	17.15	819.5	94.9,94.9
70	7.835	8.753	9.022	9.345	8.730	7.737	7.305	7.340	60- 70	10.82	830.3	96.1,96.1
80	5.892	6.686	6.651	6.841	6.350	5.558	5.294	5.376	70- 80	7.447	837.7	97,97
90	1.413	1.670	2.349	3.043	1.883	1.649	1.670	1.669	80- 90	5.043	842.8	97.6,97.6
100	1.596	1.588	1.520	1.524	1.881	1.921	1.966	1.973	90-100	1.804	844.6	97.8,97.8
110	2.048	1.999	1.909	1.892	2.289	2.348	2.417	2.456	100-110	2.054	846.6	98,98
120	2.775	2.680	2.563	2.528	2.898	3.007	3.104	3.132	110-120	2.460	849.1	98.3,98.3
130	3.772	3.639	3.497	3.452	3.770	3.916	4.036	4.081	120-130	2.940	852.0	98.6,98.6
140	4.849	4.732	4.592	4.543	4.784	4.919	5.033	5.060	130-140	3.320	855.3	99,99
150	5.605	5.548	5.475	5.424	5.578	5.649	5.731	5.741	140-150	3.280	858.6	99.4,99.4
160	6.111	6.093	6.040	6.011	6.119	6.169	6.216	6.192	150-160	2.709	861.3	99.7,99.7
170	6.442	6.457	6.428	6.399	6.480	6.489	6.501	6.466	160-170	1.782	863.1	99.9,99.9
180	6.671	6.680	6.676	6.655	6.669	6.683	6.676	6.658	170-180	0.6242	863.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

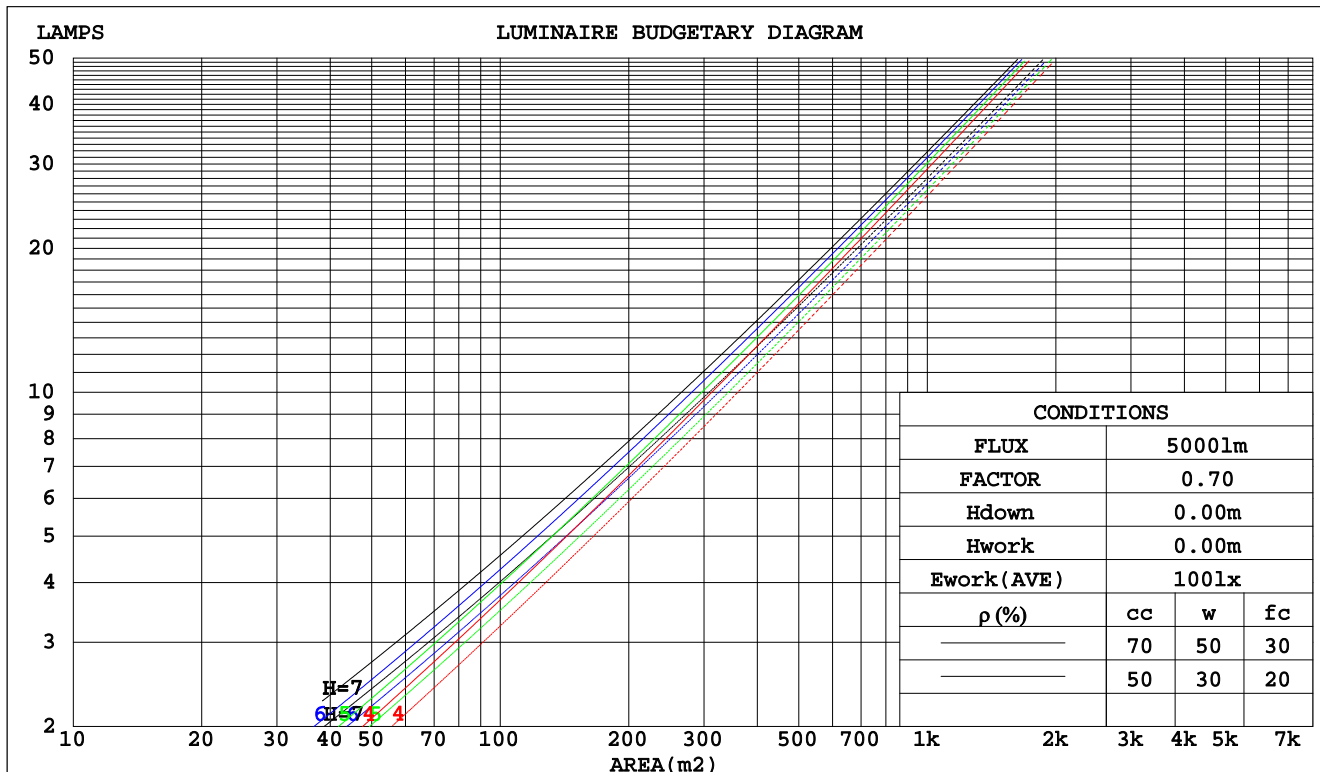
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

$\gamma$  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:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.5V I:0.0440A P:8.470W PF:0.8400 Lamp Flux:863.736x1 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	1.00	.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	.87	.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	.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	.60	.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:226.5V I:0.0440A P:8.470W PF:0.8400 Lamp Flux:863.736x1 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	.172	.099	.032	.160	.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	.120	.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	.163	.151	.140	.112	.104	.097	.064	.060	.056	.021	.019	.018		
2.0	.177	.151	.130	.151	.130	.112	.104	.090	.078	.060	.052	.046	.019	.017	.015		
3.0	.165	.133	.107	.141	.114	.093	.097	.079	.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	.077	.126	.092	.067	.087	.064	.048	.050	.038	.028	.016	.012	.009		
6.0	.139	.097	.068	.119	.084	.059	.082	.059	.042	.048	.035	.025	.015	.011	.008		
7.0	.132	.090	.060	.114	.078	.053	.079	.055	.037	.046	.032	.022	.015	.011	.007		
8.0	.127	.084	.055	.109	.073	.048	.075	.051	.034	.044	.030	.020	.014	.010	.007		
9.0	.121	.079	.050	.105	.068	.044	.072	.048	.031	.042	.028	.018	.014	.009	.006		
10.0	.117	.074	.046	.101	.065	.040	.070	.045	.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:0.0440A P:8.470W PF:0.8400 Lamp Flux:863.736x1 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	23.0	24.0	23.3	24.2	24.5	23.9	24.9	24.2	25.1	25.3
	3H	23.1	24.0	23.4	24.2	24.5	23.9	24.8	24.2	25.0	25.3
	4H	23.1	24.0	23.4	24.2	24.5	23.9	24.8	24.3	25.1	25.3
	6H	23.2	24.0	23.6	24.3	24.6	24.1	24.9	24.4	25.2	25.5
	8H	23.4	24.1	23.7	24.4	24.7	24.2	25.0	24.5	25.3	25.6
	12H	23.5	24.3	23.9	24.6	24.9	24.4	25.1	24.7	25.4	25.7
4H	2H	22.9	23.7	23.2	24.0	24.3	23.7	24.6	24.0	24.8	25.1
	3H	23.0	23.7	23.4	24.0	24.4	23.8	24.5	24.2	24.8	25.2
	4H	23.1	23.8	23.5	24.1	24.5	23.9	24.6	24.3	24.9	25.3
	6H	23.4	24.0	23.8	24.4	24.8	24.2	24.8	24.6	25.2	25.6
	8H	23.6	24.2	24.1	24.6	25.0	24.4	24.9	24.8	25.3	25.8
	12H	23.9	24.4	24.4	24.9	25.3	24.7	25.2	25.2	25.6	26.1
8H	4H	23.2	23.7	23.6	24.1	24.5	23.9	24.5	24.3	24.8	25.3
	6H	23.6	24.1	24.1	24.5	25.0	24.3	24.8	24.8	25.2	25.7
	8H	24.0	24.4	24.5	24.8	25.3	24.7	25.1	25.2	25.5	26.0
	12H	24.5	24.8	25.0	25.3	25.8	25.2	25.5	25.7	26.0	26.5
12H	4H	23.2	23.7	23.6	24.1	24.5	23.9	24.4	24.3	24.8	25.3
	6H	23.7	24.1	24.2	24.5	25.0	24.4	24.8	24.9	25.2	25.7
	8H	24.1	24.5	24.6	24.9	25.5	24.8	25.1	25.3	25.6	26.1
Variations with the observer position at spacings:											
S = 1.0H	+ 1.7 / - 2.9					+ 1.9 / - 3.1					
1.5H	+ 3.6 / - 2.8					+ 3.8 / - 3.3					
2.0H	+ 2.1 / - 0.5					+ 4.0 / - 1.0					

CIE Pub.117 Corrected 863.7 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.5)

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:8.470W PF:0.8400 Lamp Flux:863.736x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

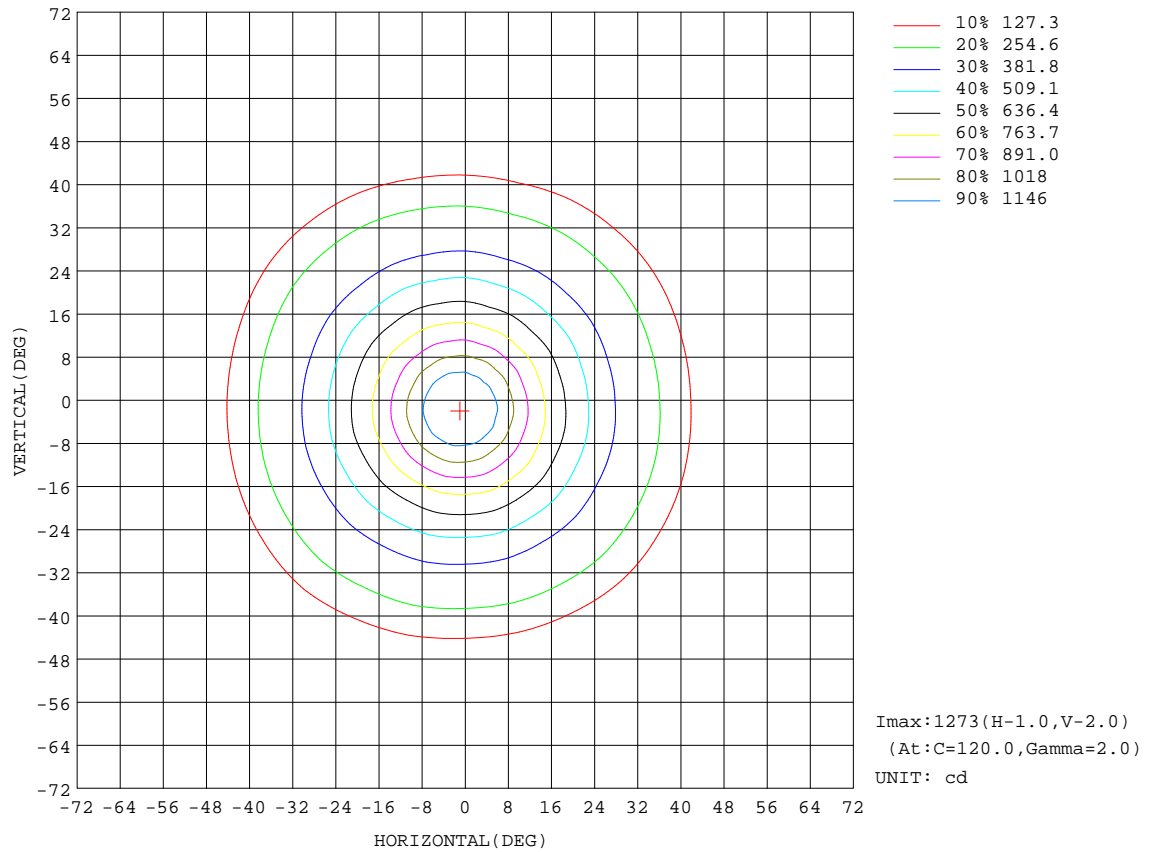
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	71	81	75	70	80	74	70	66
0.80	90	83	79	89	83	79	88	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	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	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:226.5V I:0.0440A P:8.470W PF:0.8400 Lamp Flux:863.736x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



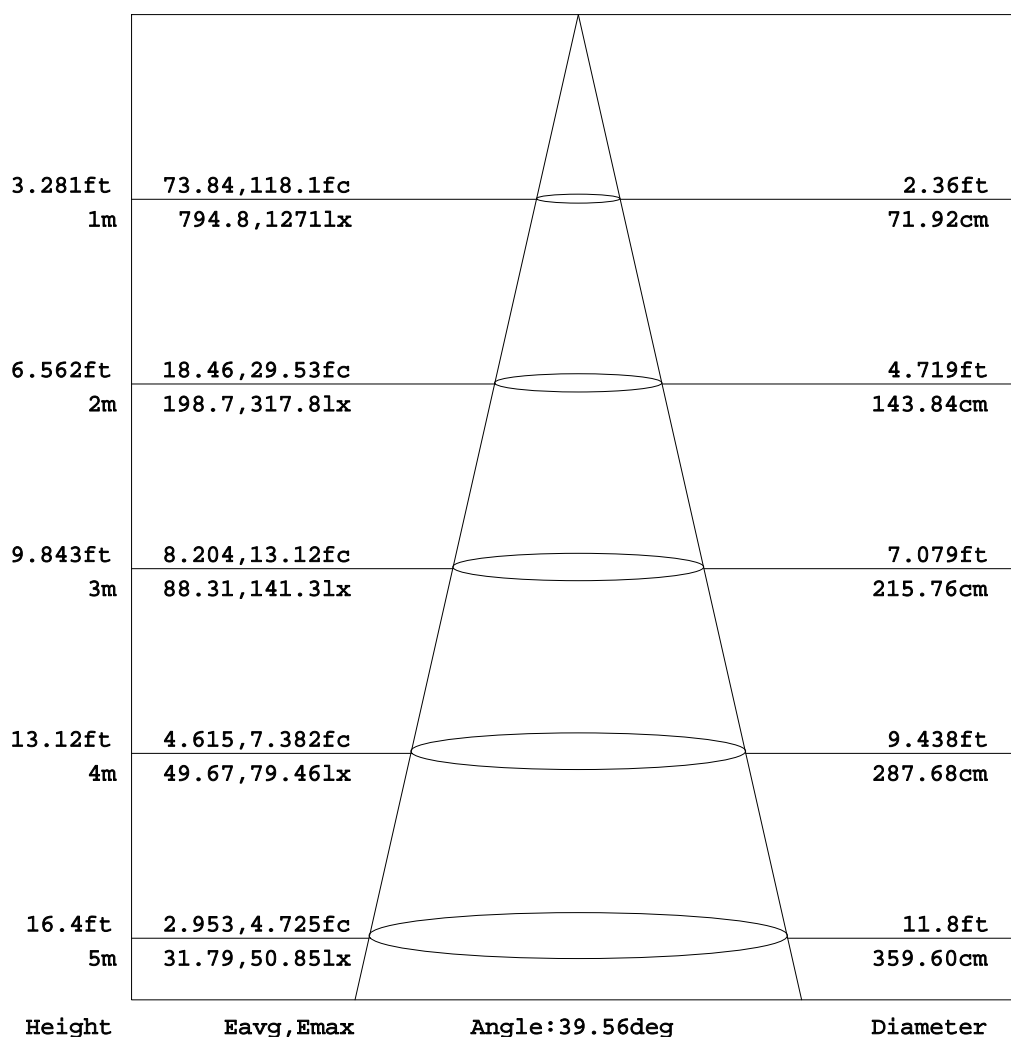
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:8.470W PF:0.8400 Lamp Flux:863.736x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:330.8 lm



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

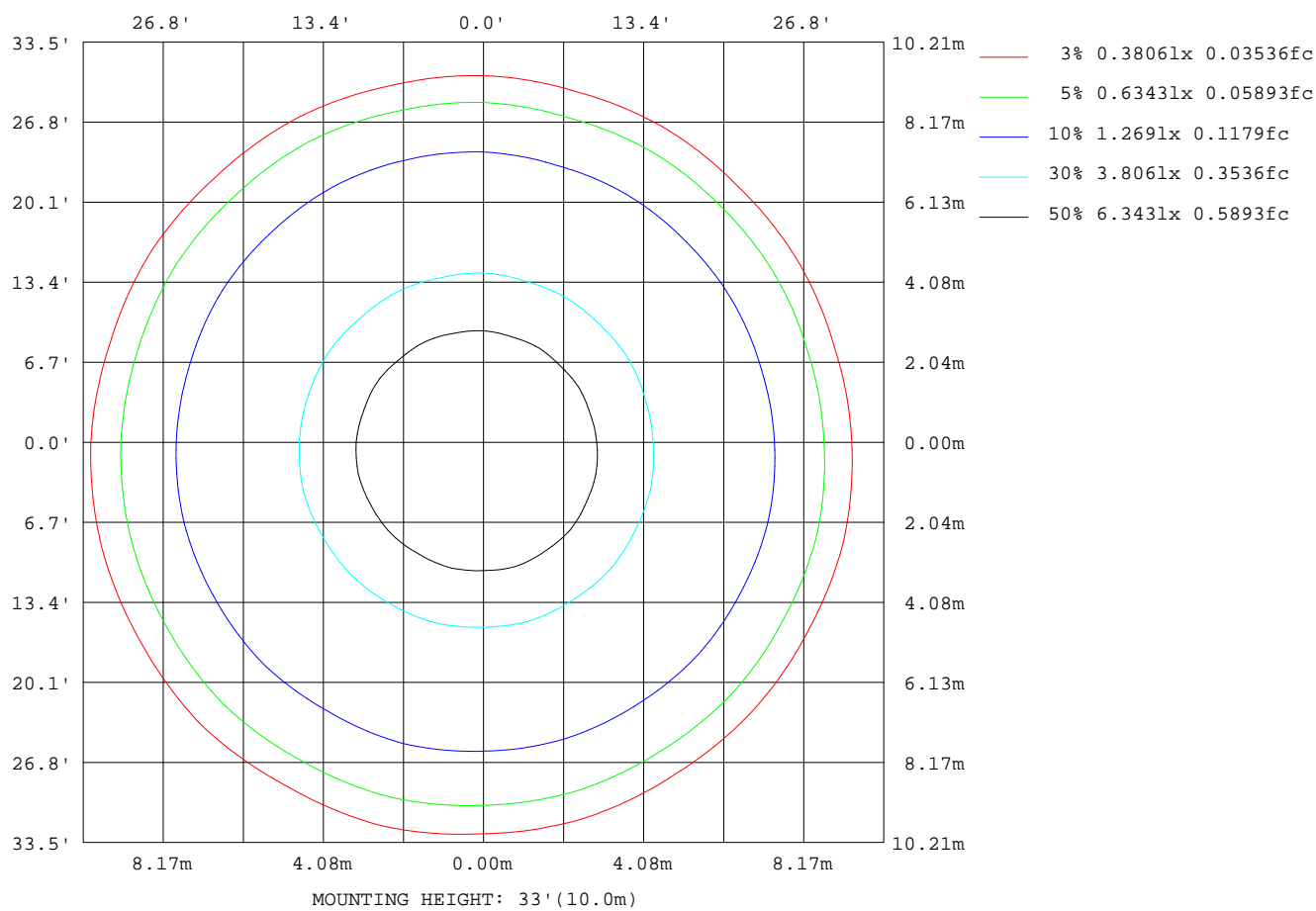
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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

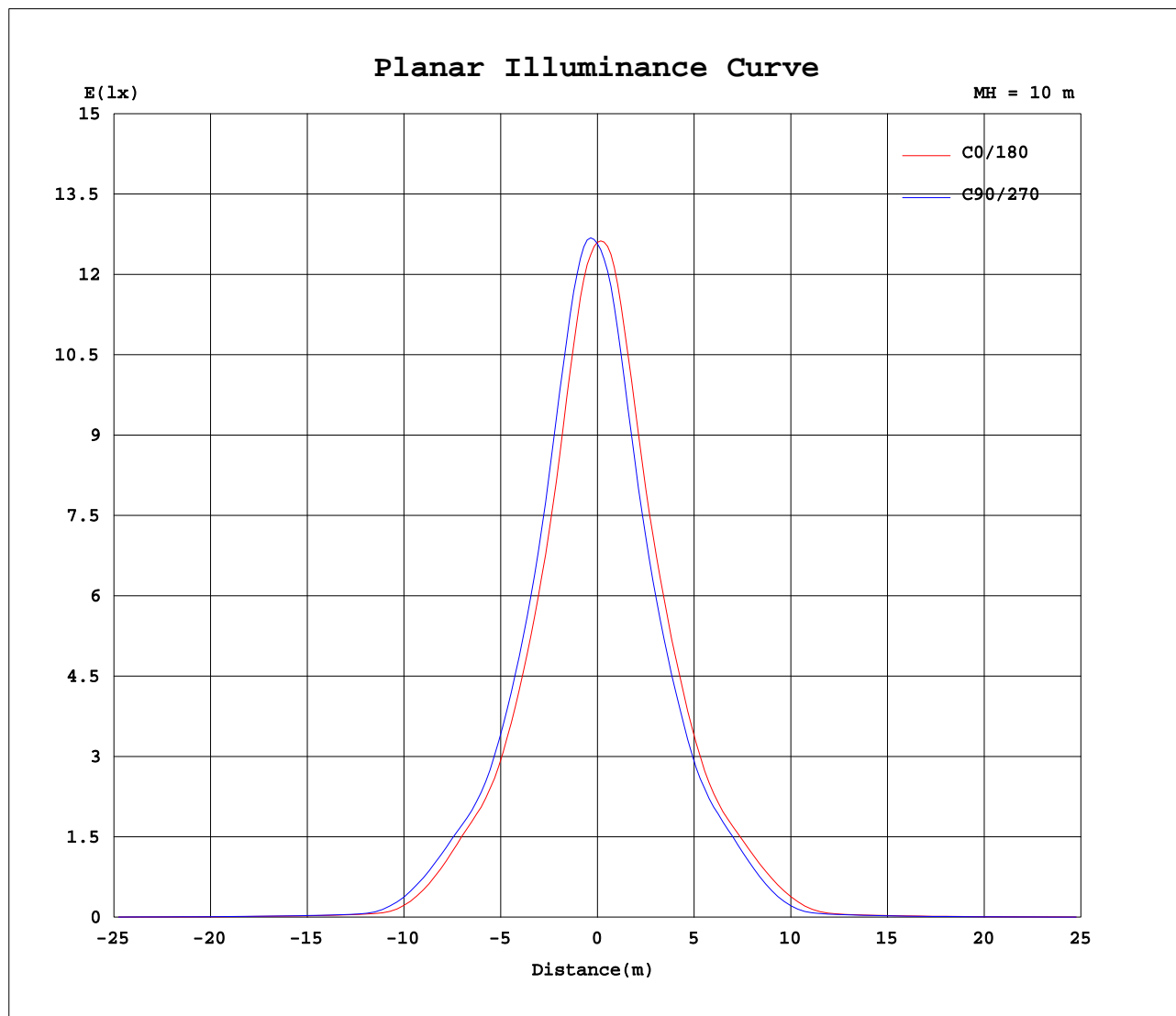
Test:U:226.5V I:0.0440A P:8.470W PF:0.8400 Lamp Flux:863.736x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:8.470W PF:0.8400 Lamp Flux:863.736x1 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	1257	1257	1257	1257	1257	1257	1257	1257	1257	1257	1257	1257	1257	1257	1257	1257	1257	1257	1257
5	1168	1187	1198	1212	1224	1237	1244	1253	1252	1250	1241	1237	1224	1211	1202	1182	1171	1156	1152
10	957	983	1001	1026	1041	1068	1078	1096	1093	1093	1078	1069	1048	1021	1006	976	969	948	942
15	750	774	790	817	832	856	860	872	870	874	859	857	838	819	808	781	771	750	743
20	589	611	622	644	656	672	674	684	681	687	680	683	671	653	643	619	609	593	586
25	450	467	476	495	502	518	521	531	530	534	528	529	516	504	495	473	466	451	446
30	342	353	358	369	375	387	390	398	396	402	396	396	386	375	370	356	353	345	341
35	275	285	289	301	304	312	313	319	317	321	317	315	308	300	297	287	284	277	273
40	171	183	192	205	211	221	226	234	234	238	233	230	221	212	208	195	189	177	169
45	63.4	71.4	75.5	84.2	89.7	102	106	118	115	123	117	115	109	95.4	91.1	77.9	73.1	65.0	60.7
50	23.0	24.2	24.6	25.5	26.1	27.9	28.8	31.6	32.9	34.1	32.7	32.4	29.0	27.4	26.8	25.3	24.1	22.4	22.5
55	17.9	18.3	18.5	19.0	19.3	19.7	19.9	20.6	21.0	21.1	20.7	20.6	19.8	19.2	19.0	18.4	18.2	17.6	17.5
60	13.6	14.2	14.4	14.9	15.1	15.5	15.5	16.0	16.1	16.2	16.0	15.9	15.3	14.8	14.5	13.9	13.7	13.2	13.0
65	9.84	10.4	10.8	11.3	11.5	11.8	11.9	12.1	12.2	12.3	12.1	12.0	11.5	11.1	10.7	10.1	9.84	9.35	9.23
70	7.84	8.19	8.47	8.75	8.85	9.00	9.02	9.21	9.22	9.35	9.22	9.13	8.73	8.36	8.10	7.74	7.59	7.38	7.31
75	6.70	7.03	7.29	7.49	7.56	7.58	7.56	7.66	7.73	7.82	7.75	7.62	7.33	7.01	6.75	6.48	6.35	6.24	6.15
80	5.89	6.24	6.51	6.69	6.75	6.80	6.65	6.71	6.79	6.84	6.79	6.65	6.35	6.04	5.77	5.56	5.47	5.39	5.29
85	4.88	5.29	5.57	5.78	5.82	5.84	5.68	5.78	5.87	5.95	5.86	5.76	5.37	4.98	4.74	4.52	4.52	4.41	4.34
90	1.41	1.41	1.43	1.67	1.86	2.36	2.35	2.91	2.83	3.04	2.25	2.11	1.88	1.66	1.65	1.65	1.68	1.67	1.67
95	1.47	1.49	1.46	1.47	1.46	1.49	1.42	1.43	1.47	1.43	1.45	1.48	1.73	1.74	1.77	1.75	1.79	1.79	1.80
100	1.60	1.61	1.58	1.59	1.57	1.57	1.52	1.53	1.51	1.52	1.52	1.56	1.88	1.89	1.92	1.92	1.95	1.96	1.97
105	1.78	1.79	1.77	1.76	1.74	1.71	1.68	1.69	1.66	1.67	1.67	1.71	2.07	2.08	2.11	2.11	2.15	2.16	2.17
110	2.05	2.05	2.02	2.00	1.97	1.94	1.91	1.90	1.89	1.89	1.89	1.92	2.29	2.31	2.34	2.35	2.39	2.41	2.42
115	2.38	2.36	2.34	2.31	2.27	2.23	2.20	2.18	2.17	2.17	2.18	2.21	2.56	2.59	2.63	2.64	2.68	2.71	2.73
120	2.78	2.76	2.72	2.68	2.64	2.60	2.56	2.54	2.52	2.53	2.53	2.57	2.90	2.94	2.98	3.01	3.05	3.08	3.10
125	3.25	3.21	3.18	3.13	3.09	3.04	3.00	2.97	2.96	2.96	2.97	3.00	3.31	3.35	3.40	3.43	3.48	3.51	3.54
130	3.77	3.73	3.70	3.64	3.60	3.54	3.50	3.47	3.46	3.45	3.46	3.50	3.77	3.83	3.88	3.92	3.97	4.01	4.04
135	4.32	4.30	4.25	4.19	4.15	4.08	4.05	4.01	4.00	4.00	4.02	4.05	4.29	4.35	4.39	4.43	4.47	4.53	4.55
140	4.85	4.83	4.79	4.73	4.69	4.64	4.59	4.57	4.55	4.54	4.56	4.59	4.78	4.85	4.89	4.92	4.97	5.00	5.03
145	5.28	5.27	5.23	5.20	5.17	5.11	5.08	5.07	5.04	5.04	5.04	5.07	5.22	5.29	5.32	5.33	5.37	5.40	5.43
150	5.61	5.61	5.58	5.55	5.51	5.48	5.47	5.44	5.44	5.42	5.41	5.44	5.58	5.61	5.66	5.65	5.70	5.71	5.73
155	5.87	5.88	5.87	5.83	5.81	5.79	5.77	5.76	5.75	5.73	5.73	5.75	5.86	5.91	5.92	5.93	5.96	5.97	5.99
160	6.11	6.12	6.11	6.09	6.07	6.06	6.04	6.02	6.01	6.01	6.00	6.01	6.12	6.15	6.18	6.17	6.19	6.19	6.22
165	6.29	6.31	6.31	6.29	6.28	6.27	6.25	6.25	6.23	6.23	6.22	6.21	6.32	6.35	6.37	6.35	6.37	6.36	6.37
170	6.44	6.48	6.47	6.46	6.45	6.45	6.43	6.43	6.40	6.40	6.38	6.38	6.48	6.50	6.52	6.49	6.50	6.51	6.50
175	6.56	6.59	6.61	6.58	6.59	6.60	6.57	6.57	6.54	6.55	6.52	6.52	6.60	6.61	6.62	6.60	6.61	6.60	6.60
180	6.67	6.69	6.70	6.68	6.69	6.68	6.68	6.67	6.66	6.66	6.63	6.63	6.67	6.69	6.69	6.68	6.68	6.68	6.68

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:8.470W PF:0.8400 Lamp Flux:863.736x1 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	1257	1257	1257	1257	1257														
5	1139	1142	1138	1150	1155														
10	925	931	927	938	941														
15	728	729	723	732	736														
20	571	570	566	577	579														
25	433	434	429	437	440														
30	332	334	331	333	336														
35	262	262	259	262	266														
40	158	158	157	160	160														
45	54.3	56.1	53.8	57.6	57.1														
50	22.4	22.7	22.5	22.8	22.7														
55	17.2	17.5	17.4	17.6	17.6														
60	12.7	13.0	13.0	13.2	13.3														
65	9.10	9.24	9.27	9.51	9.59														
70	7.20	7.29	7.34	7.51	7.66														
75	6.10	6.14	6.21	6.37	6.56														
80	5.26	5.29	5.38	5.54	5.75														
85	4.21	4.24	4.25	4.46	4.73														
90	1.66	1.68	1.67	1.69	1.68														
95	1.79	1.81	1.82	1.82	1.82														
100	1.96	1.98	1.97	1.99	1.98														
105	2.17	2.19	2.19	2.19	2.18														
110	2.43	2.44	2.46	2.44	2.43														
115	2.75	2.76	2.75	2.75	2.75														
120	3.12	3.13	3.13	3.13	3.11														
125	3.56	3.58	3.57	3.57	3.55														
130	4.07	4.08	4.08	4.06	4.04														
135	4.58	4.60	4.60	4.58	4.56														
140	5.05	5.06	5.06	5.05	5.02														
145	5.44	5.45	5.45	5.44	5.42														
150	5.74	5.75	5.74	5.73	5.71														
155	5.99	6.00	6.00	5.98	5.97														
160	6.22	6.22	6.19	6.19	6.18														
165	6.37	6.38	6.36	6.36	6.35														
170	6.48	6.49	6.47	6.47	6.46														
175	6.57	6.58	6.55	6.55	6.54														
180	6.67	6.66	6.66	6.64	6.63														

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: