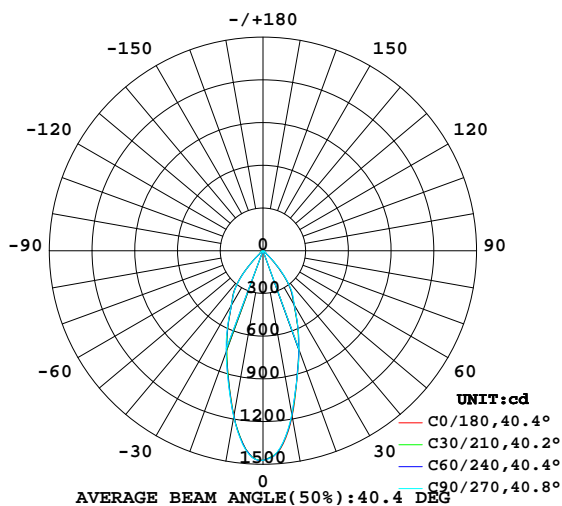


## LUMINAIRE PHOTOMETRIC TEST REPORT

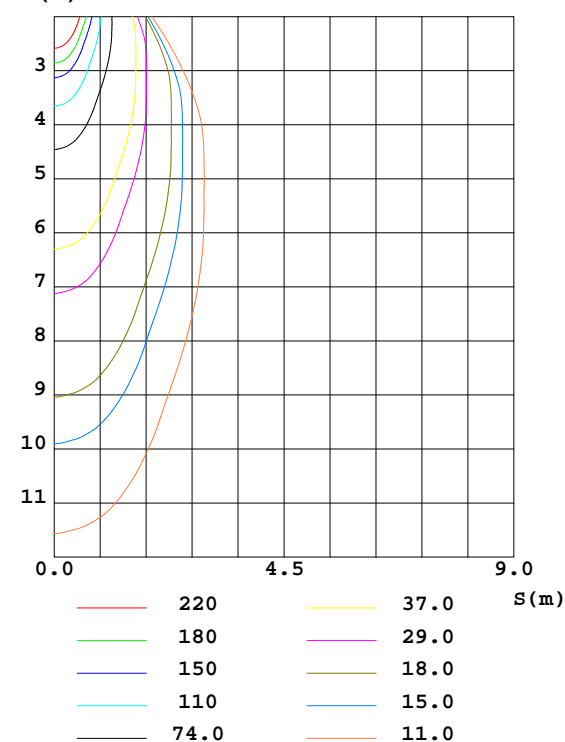
Test:U:226.5V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:1020.25x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 96.25 lm/W			
MODEL	M031-11W-830-S-40	Imax(cd)	1474	S/MH(C0/180)	0.62
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.62
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1020.2	η UP,DN(C0-180)	1.2,48.7
NOMINAL FLUX(lm)	1020.25	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.8
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.4	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	1179	1181	1166	1172	1177	1171	1185	1175	0- 10	126.0	126.0	12.4,12.4
20	738.8	739.5	741.6	755.3	748.2	738.4	757.5	746.2	10- 20	261.1	387.2	37.9,37.9
30	438.3	443.7	443.1	447.4	446.7	445.3	447.4	438.3	20- 30	266.4	653.5	64.1,64.1
40	222.8	228.4	237.4	246.5	245.9	236.4	237.6	232.4	30- 40	216.5	870.0	85.3,85.3
50	27.49	29.56	30.16	30.05	29.45	29.34	28.07	27.94	40- 50	80.80	950.8	93.2,93.2
60	15.64	16.60	17.41	17.61	17.39	17.00	16.02	15.58	50- 60	19.74	970.5	95.1,95.1
70	8.200	8.872	9.597	10.06	10.11	9.836	8.731	8.221	60- 70	12.20	982.7	96.3,96.3
80	5.194	5.717	6.253	6.764	6.998	6.695	5.721	5.281	70- 80	7.957	990.7	97.1,97.1
90	1.705	1.718	1.709	1.717	1.958	1.980	1.981	2.039	80- 90	4.505	995.2	97.5,97.5
100	1.904	1.917	1.894	1.918	2.288	2.292	2.317	2.335	90-100	2.134	997.3	97.8,97.8
110	2.422	2.421	2.412	2.411	2.804	2.808	2.834	2.851	100-110	2.476	999.8	98,98
120	3.253	3.243	3.248	3.227	3.559	3.576	3.595	3.624	110-120	2.966	1003	98.3,98.3
130	4.395	4.376	4.385	4.358	4.615	4.642	4.647	4.680	120-130	3.525	1006	98.6,98.6
140	5.692	5.672	5.672	5.649	5.816	5.830	5.833	5.867	130-140	3.966	1010	99,99
150	6.604	6.589	6.588	6.578	6.682	6.697	6.699	6.715	140-150	3.908	1014	99.4,99.4
160	7.244	7.223	7.226	7.213	7.301	7.307	7.316	7.334	150-160	3.218	1017	99.7,99.7
170	7.674	7.657	7.656	7.655	7.703	7.708	7.724	7.727	160-170	2.118	1020	99.9,99.9
180	7.931	7.928	7.939	7.935	7.931	7.930	7.936	7.944	170-180	0.7427	1020	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

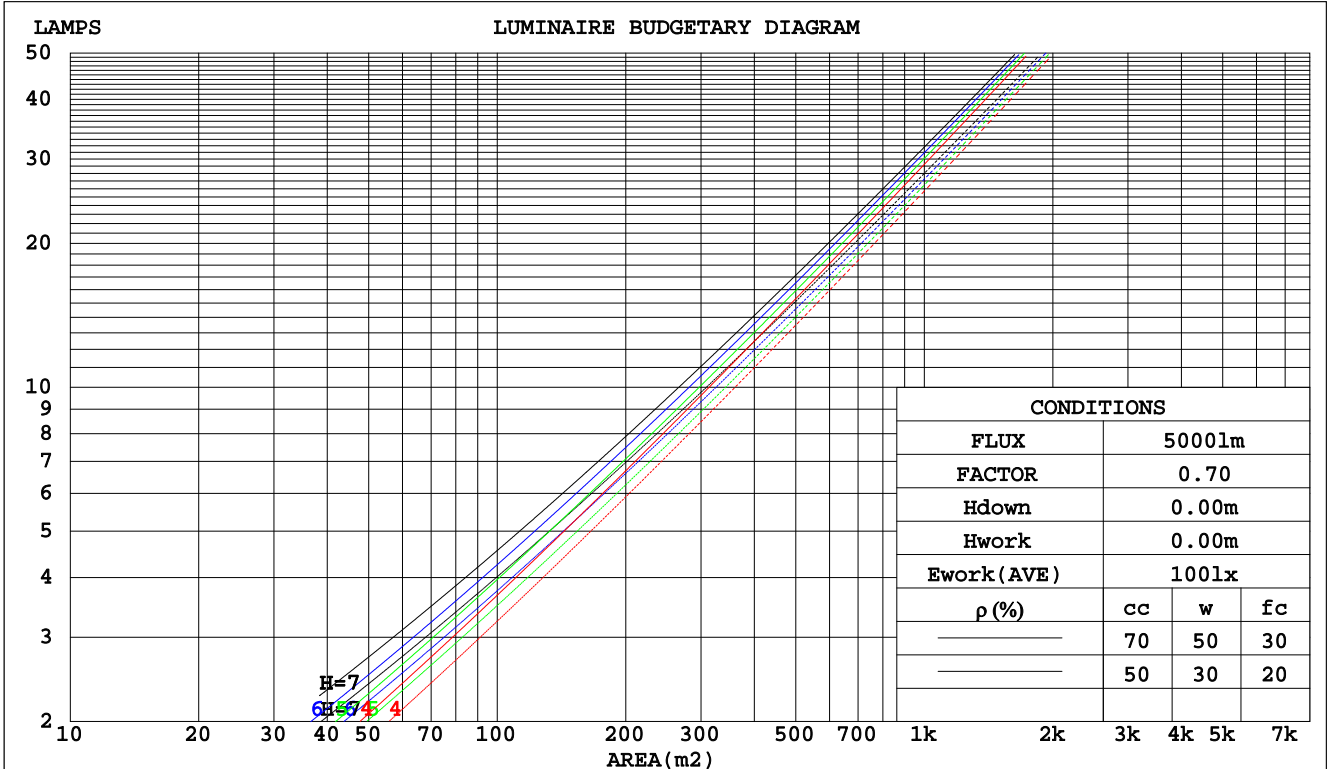
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:0.0590A P:10.60W PF:0.7890 Lamp Flux:1020.25x1 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	1.05	1.02	1.03	1.01	.99	.98	.97	.95	.95	.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	.85	.92	.88	.84	.89	.85	.82	.87	.83	.80	.84	.81	.79	.77
4.0	.88	.82	.77	.86	.81	.77	.84	.79	.76	.81	.78	.74	.79	.76	.73	.72
5.0	.82	.76	.71	.81	.75	.71	.79	.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:0.0590A P:10.60W PF:0.7890 Lamp Flux:1020.25x1 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	.192	.109	.035	.184	.105	.033	.170	.098	.031	.158	.091	.029	.146	.084	.027	
2.0	.182	.100	.031	.176	.097	.030	.164	.091	.028	.153	.086	.027	.142	.081	.025	
3.0	.172	.092	.027	.167	.089	.027	.156	.085	.026	.147	.080	.025	.138	.076	.024	
4.0	.163	.085	.025	.158	.083	.024	.149	.079	.024	.141	.076	.023	.133	.072	.022	
5.0	.155	.079	.023	.150	.077	.022	.142	.074	.022	.135	.071	.021	.128	.068	.021	
6.0	.147	.074	.021	.143	.072	.021	.136	.070	.020	.129	.067	.020	.123	.065	.019	
7.0	.140	.069	.020	.136	.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	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.191	.176	.163	.163	.151	.140	.112	.104	.097	.064	.060	.056	.021	.019	.018	
2.0	.177	.151	.130	.151	.130	.113	.104	.090	.079	.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	.119	.085	.059	.082	.059	.042	.048	.035	.025	.015	.011	.008	
7.0	.132	.090	.061	.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	.122	.079	.050	.105	.069	.044	.073	.048	.031	.042	.028	.019	.014	.009	.006	
10.0	.117	.075	.046	.101	.065	.040	.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:0.0590A P:10.60W PF:0.7890 Lamp Flux:1020.25x1 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	24.7	24.0	24.9	25.2	24.0	24.9	24.2	25.2	25.4	
	3H	23.7	24.6	24.0	24.9	25.1	24.0	24.9	24.3	25.1	25.4
	4H	23.7	24.6	24.0	24.8	25.1	24.0	24.8	24.3	25.1	25.4
	6H	23.8	24.6	24.1	24.8	25.1	24.1	24.9	24.4	25.1	25.4
	8H	23.8	24.6	24.1	24.9	25.2	24.1	24.9	24.5	25.2	25.5
	12H	23.8	24.6	24.2	24.9	25.2	24.2	24.9	24.5	25.2	25.5
4H	2H	23.6	24.4	23.9	24.7	25.0	23.8	24.6	24.1	24.9	25.2
	3H	23.6	24.3	24.0	24.6	25.0	23.8	24.6	24.2	24.9	25.2
	4H	23.7	24.3	24.1	24.7	25.0	23.9	24.6	24.3	24.9	25.3
	6H	23.8	24.4	24.2	24.8	25.1	24.1	24.7	24.5	25.1	25.5
	8H	23.9	24.4	24.3	24.8	25.2	24.2	24.8	24.7	25.2	25.6
	12H	24.0	24.5	24.4	24.9	25.3	24.3	24.8	24.8	25.3	25.7
8H	4H	23.6	24.2	24.1	24.6	25.0	23.9	24.4	24.3	24.8	25.2
	6H	23.8	24.3	24.3	24.7	25.2	24.2	24.6	24.6	25.0	25.5
	8H	24.0	24.4	24.5	24.9	25.3	24.3	24.7	24.8	25.2	25.7
	12H	24.2	24.5	24.7	25.0	25.5	24.6	24.9	25.1	25.4	25.9
12H	4H	23.6	24.1	24.1	24.5	25.0	23.8	24.3	24.3	24.8	25.2
	6H	23.9	24.2	24.3	24.7	25.2	24.2	24.5	24.6	25.0	25.5
	8H	24.0	24.4	24.6	24.9	25.4	24.4	24.7	24.9	25.2	25.7
Variations with the observer position at spacings:											
S = 1.0H	+ 2.1 / - 4.1					+ 2.1 / - 3.8					
1.5H	+ 4.3 / - 4.0					+ 4.2 / - 3.7					
2.0H	+ 3.5 / - 0.9					+ 3.7 / - 0.9					

CIE Pub.117 Corrected 1020 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.1)

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:0.0590A P:10.60W PF:0.7890 Lamp Flux:1020.25x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

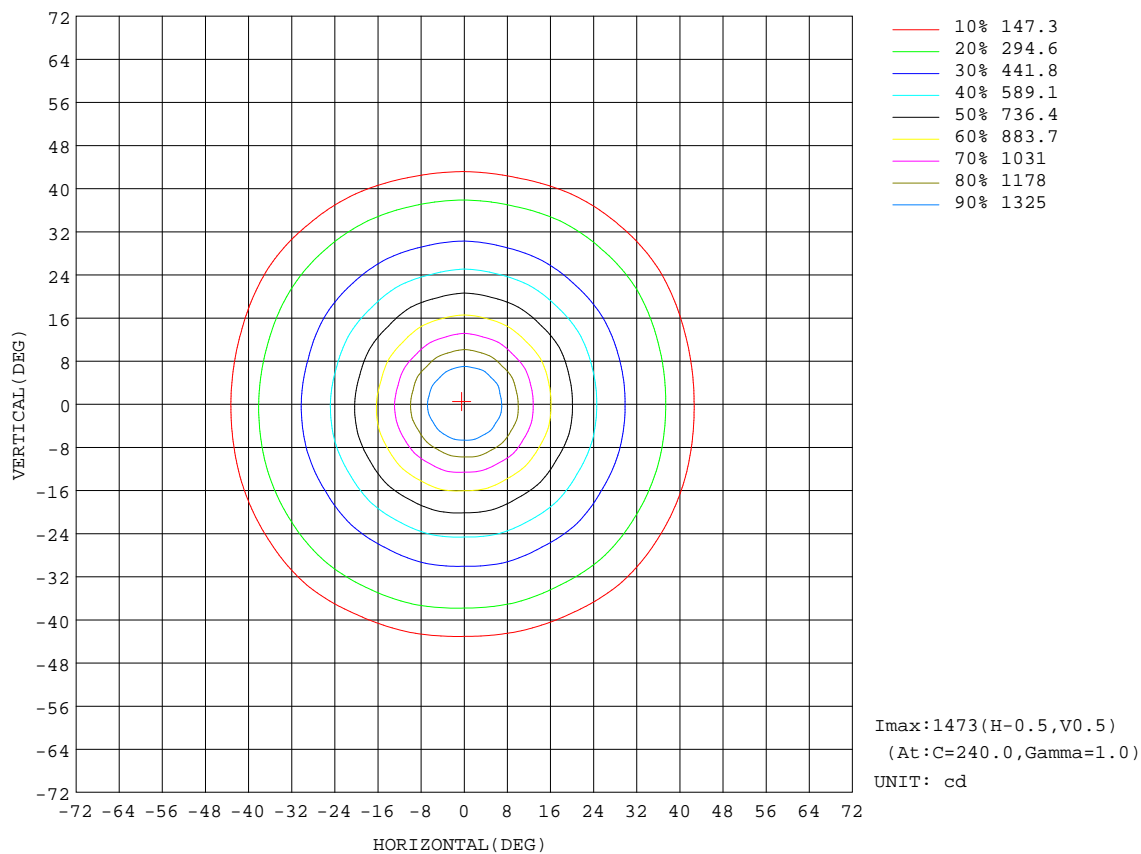
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	71	82	75	71	81	75	71	67
0.80	90	84	79	89	83	79	88	82	79	74
1.00	95	89	85	94	88	85	92	88	84	79
1.25	100	94	90	99	93	89	96	92	89	84
1.50	103	97	94	101	97	93	99	95	92	86
2.00	106	101	98	104	100	97	101	98	95	89
2.50	108	104	100	106	102	99	103	100	97	90
3.00	110	106	103	108	104	102	104	101	99	92
4.00	112	109	106	110	107	105	106	103	102	94
5.00	113	111	109	111	109	107	107	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:0.0590A P:10.60W PF:0.7890 Lamp Flux:1020.25x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



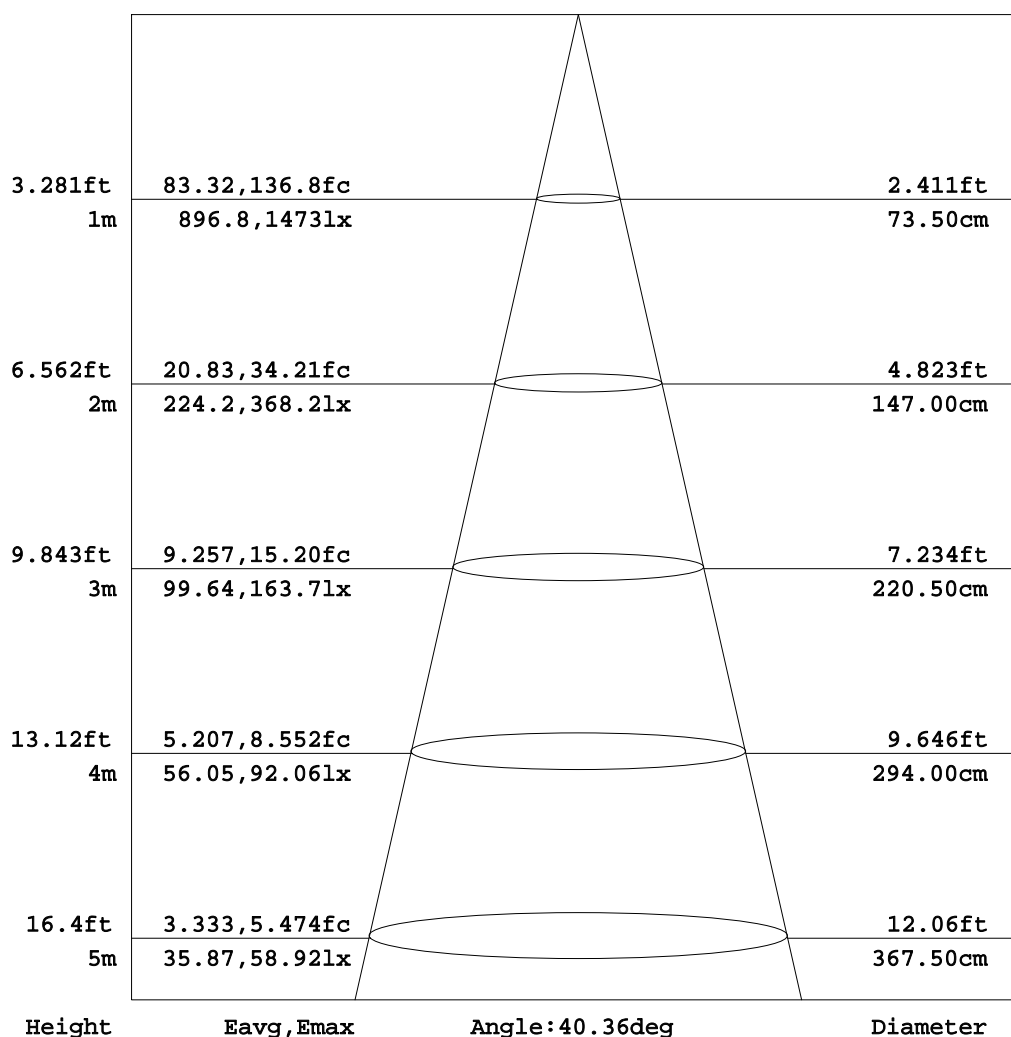
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:0.0590A P:10.60W PF:0.7890 Lamp Flux:1020.25x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:415.1 lm



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

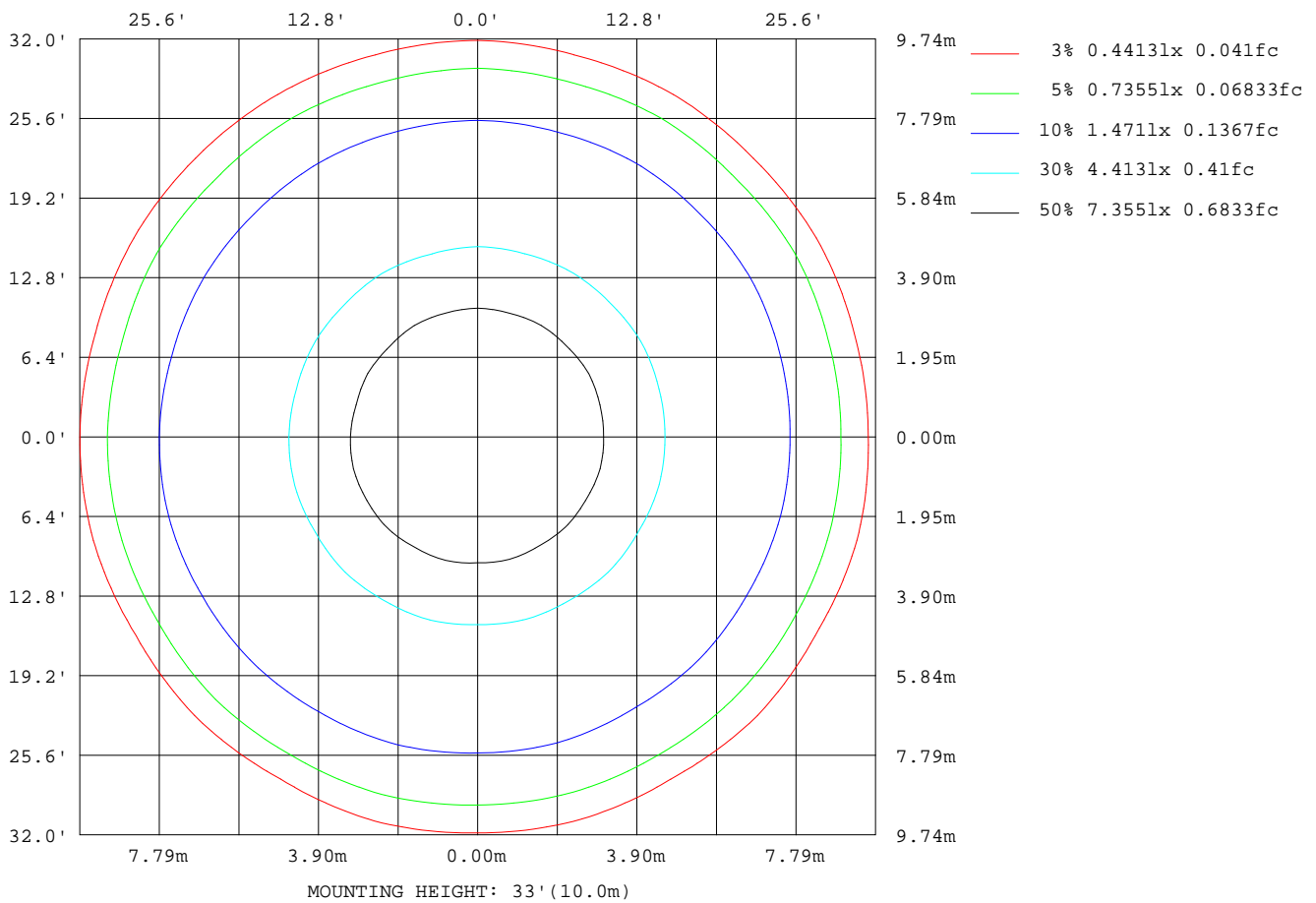
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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

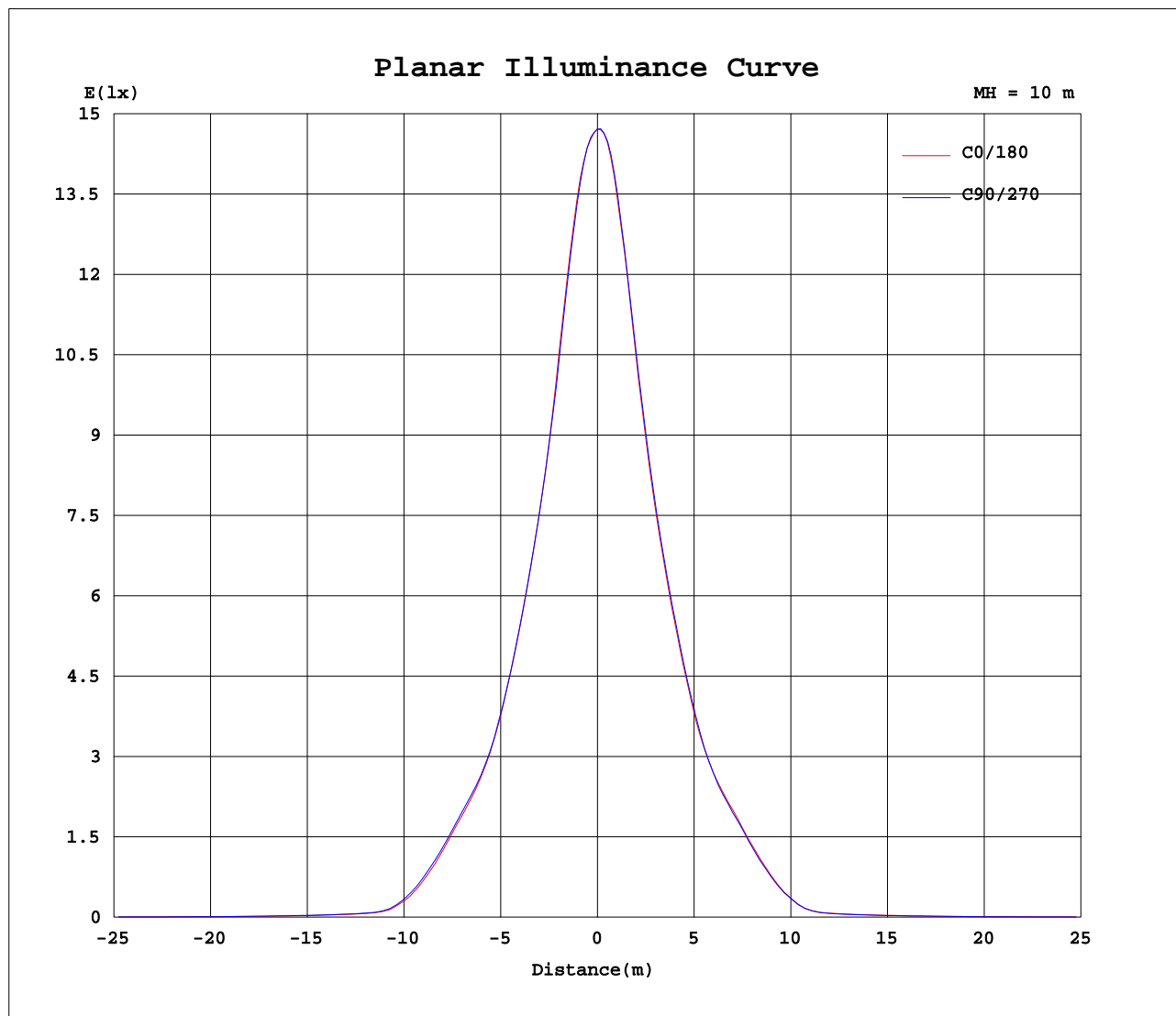
Test:U:226.5V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:1020.25x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.0590A P:10.60W PF:0.7890 Lamp Flux:1020.25x1 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	1471	1471	1471	1471	1471	1471	1471	1471	1471	1471	1471	1471	1471	1471	1471	1471	1471	1471	1471
5	1398	1399	1393	1396	1392	1395	1389	1394	1392	1396	1392	1399	1398	1389	1397	1392	1400	1396	1404
10	1179	1185	1177	1181	1171	1177	1166	1171	1165	1172	1167	1179	1177	1169	1180	1171	1182	1176	1185
15	928	931	924	927	920	929	926	937	934	942	937	943	937	923	935	930	942	936	949
20	739	742	732	740	734	745	742	751	747	755	747	753	748	738	745	738	753	748	758
25	576	578	572	580	576	584	578	586	582	588	581	587	584	576	582	578	587	582	591
30	438	439	437	444	440	447	443	448	444	447	444	449	447	442	448	445	448	444	447
35	345	347	346	351	350	357	357	361	360	362	359	364	364	359	361	356	357	353	355
40	223	227	226	228	229	236	237	244	243	246	245	247	246	241	246	236	242	236	238
45	85.3	88.3	89.4	90.5	92.2	96.0	95.8	99.0	94.4	94.5	94.9	98.8	101	92.9	102	93.3	101	94.2	98.4
50	27.5	28.6	28.4	29.6	29.3	29.9	30.2	31.0	30.3	30.1	29.2	29.4	29.5	29.6	30.2	29.3	29.2	28.0	28.1
55	20.8	21.2	21.4	22.0	22.2	22.7	22.9	23.2	22.8	22.8	22.7	22.8	22.6	22.7	23.0	22.3	21.9	21.2	21.1
60	15.6	16.0	16.1	16.6	16.7	17.2	17.4	17.7	17.5	17.6	17.5	17.5	17.4	17.4	17.6	17.0	16.7	16.1	16.0
65	10.9	11.2	11.3	11.7	11.8	12.2	12.5	12.8	12.7	12.9	12.7	12.9	12.8	12.7	12.9	12.5	12.0	11.5	11.4
70	8.20	8.39	8.53	8.87	9.00	9.34	9.60	9.89	9.91	10.1	10.0	10.1	10.1	10.1	10.3	9.84	9.38	8.93	8.73
75	6.52	6.68	6.84	7.11	7.26	7.51	7.76	8.02	8.10	8.24	8.25	8.33	8.44	8.47	8.53	8.15	7.72	7.30	7.08
80	5.19	5.35	5.46	5.72	5.86	6.04	6.25	6.52	6.58	6.76	6.79	6.83	7.00	7.03	7.05	6.70	6.43	5.92	5.72
85	3.54	3.65	3.69	3.88	4.00	4.09	4.20	4.37	4.37	4.51	4.50	4.54	4.79	4.78	4.81	4.55	4.49	4.06	3.95
90	1.70	1.69	1.70	1.72	1.78	1.70	1.71	1.70	1.70	1.72	1.75	1.68	1.96	1.96	1.96	1.98	2.09	1.99	1.98
95	1.75	1.76	1.75	1.77	1.78	1.77	1.75	1.77	1.75	1.78	1.78	1.74	2.10	2.09	2.10	2.11	2.16	2.12	2.13
100	1.90	1.91	1.89	1.92	1.92	1.91	1.89	1.91	1.89	1.92	1.90	1.88	2.29	2.28	2.29	2.29	2.32	2.30	2.32
105	2.12	2.13	2.12	2.13	2.13	2.13	2.12	2.12	2.12	2.13	2.11	2.10	2.52	2.51	2.52	2.52	2.55	2.54	2.55
110	2.42	2.42	2.41	2.42	2.42	2.42	2.41	2.41	2.41	2.41	2.40	2.38	2.80	2.80	2.80	2.80	2.81	2.83	2.83
115	2.80	2.79	2.79	2.79	2.80	2.79	2.79	2.78	2.78	2.78	2.76	2.75	3.15	3.15	3.15	3.16	3.17	3.18	3.18
120	3.25	3.25	3.25	3.24	3.26	3.24	3.25	3.23	3.24	3.23	3.22	3.20	3.56	3.56	3.56	3.58	3.58	3.60	3.60
125	3.79	3.78	3.79	3.77	3.79	3.77	3.78	3.77	3.77	3.76	3.75	3.73	4.05	4.06	4.05	4.07	4.08	4.09	4.09
130	4.40	4.38	4.39	4.38	4.40	4.38	4.38	4.37	4.38	4.36	4.36	4.33	4.62	4.62	4.62	4.64	4.64	4.65	4.65
135	5.05	5.03	5.05	5.04	5.05	5.03	5.04	5.02	5.03	5.01	5.01	4.98	5.23	5.23	5.23	5.25	5.24	5.26	5.25
140	5.69	5.67	5.69	5.67	5.69	5.67	5.67	5.66	5.66	5.65	5.64	5.63	5.82	5.82	5.81	5.83	5.83	5.84	5.83
145	6.22	6.20	6.21	6.20	6.22	6.19	6.20	6.18	6.19	6.18	6.18	6.17	6.31	6.33	6.31	6.34	6.33	6.34	6.33
150	6.60	6.59	6.60	6.59	6.60	6.59	6.59	6.58	6.59	6.58	6.58	6.57	6.68	6.68	6.69	6.70	6.70	6.71	6.70
155	6.94	6.93	6.94	6.93	6.94	6.92	6.93	6.92	6.93	6.92	6.91	6.91	7.01	7.01	7.01	7.03	7.03	7.04	7.03
160	7.24	7.23	7.24	7.22	7.23	7.22	7.23	7.22	7.22	7.21	7.21	7.21	7.30	7.30	7.30	7.31	7.32	7.32	7.32
165	7.49	7.46	7.47	7.46	7.47	7.46	7.46	7.45	7.46	7.45	7.46	7.46	7.53	7.52	7.53	7.53	7.55	7.55	7.55
170	7.67	7.66	7.67	7.66	7.67	7.65	7.66	7.66	7.66	7.65	7.65	7.65	7.70	7.70	7.70	7.71	7.71	7.72	7.72
175	7.81	7.81	7.81	7.80	7.81	7.81	7.81	7.81	7.81	7.81	7.80	7.81	7.83	7.82	7.83	7.82	7.84	7.84	7.85
180	7.93	7.92	7.93	7.93	7.94	7.93	7.94	7.94	7.94	7.93	7.94	7.94	7.93	7.92	7.93	7.93	7.93	7.93	7.94

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:0.0590A P:10.60W PF:0.7890 Lamp Flux:1020.25x1 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	1471	1471	1471	1471	1471														
5	1403	1409	1403	1407	1401														
10	1178	1185	1175	1187	1177														
15	939	944	933	943	931														
20	750	755	746	753	741														
25	585	589	582	586	578														
30	441	443	438	442	439														
35	350	352	349	351	347														
40	234	240	232	237	227														
45	89.8	93.5	87.1	89.0	83.2														
50	27.9	28.5	27.9	27.5	27.2														
55	20.9	21.1	20.8	20.9	20.6														
60	15.8	15.9	15.6	15.7	15.5														
65	11.1	11.1	10.9	11.0	10.8														
70	8.47	8.40	8.22	8.24	8.20														
75	6.83	6.70	6.56	6.60	6.54														
80	5.49	5.36	5.28	5.31	5.25														
85	3.80	3.72	3.70	3.74	3.68														
90	1.99	1.99	2.04	2.04	1.99														
95	2.12	2.13	2.16	2.16	2.12														
100	2.32	2.33	2.34	2.33	2.31														
105	2.56	2.56	2.56	2.56	2.55														
110	2.84	2.84	2.85	2.85	2.84														
115	3.19	3.20	3.20	3.20	3.19														
120	3.61	3.61	3.62	3.61	3.61														
125	4.10	4.10	4.11	4.10	4.11														
130	4.66	4.66	4.68	4.67	4.68														
135	5.27	5.26	5.28	5.27	5.29														
140	5.85	5.85	5.87	5.86	5.87														
145	6.35	6.34	6.35	6.34	6.35														
150	6.71	6.71	6.72	6.71	6.71														
155	7.04	7.03	7.05	7.04	7.05														
160	7.33	7.32	7.33	7.33	7.34														
165	7.56	7.55	7.55	7.55	7.55														
170	7.72	7.72	7.73	7.72	7.72														
175	7.84	7.85	7.84	7.85	7.84														
180	7.94	7.94	7.94	7.94	7.94														

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: