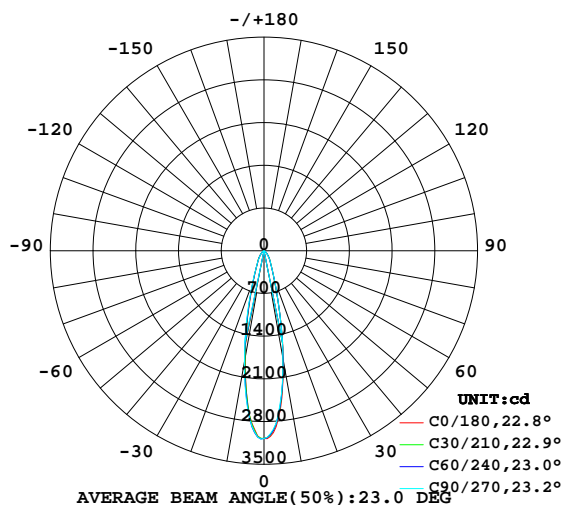


## LUMINAIRE PHOTOMETRIC TEST REPORT

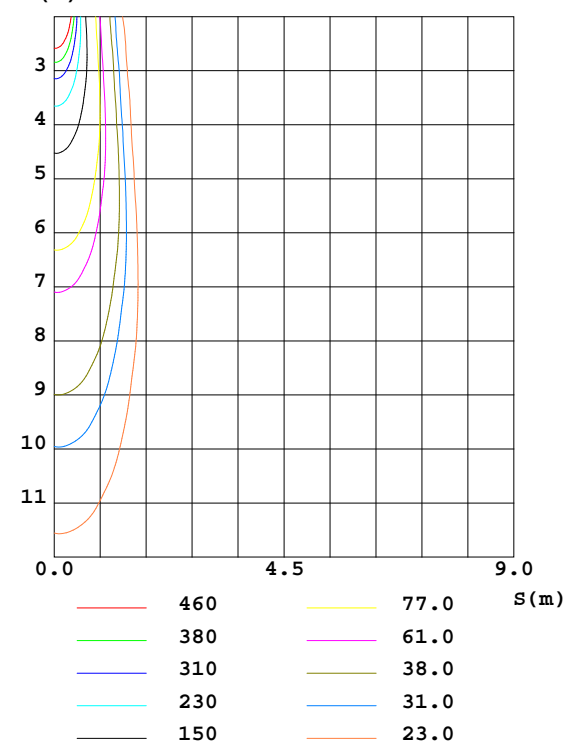
Test:U:226.5V I:0.0440A P:8.510W PF:0.8400 Lamp Flux:854.188x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.37 lm/W			
MODEL	M022-9W-830-S-24	Imax(cd)	3085	S/MH(C0/180)	0.39
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.39
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	854.19	η UP,DN(C0-180)	1.2,48.4
NOMINAL FLUX(lm)	854.188	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,49.0
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.5	η down(%)	97.4	CIBSE SHR MAX	1.00

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	ℓlum, lamp
10	1805	1821	1789	1785	1771	1766	1856	1836	0- 10	229.2	229.2	26.8,26.8
20	480.2	505.8	497.4	497.5	499.0	491.0	529.5	518.3	10- 20	274.0	503.3	58.9,58.9
30	205.8	210.9	205.8	195.8	202.4	202.8	202.2	207.2	20- 30	142.1	645.3	75.5,75.5
40	102.8	105.9	96.41	94.59	100.7	102.4	98.41	94.73	30- 40	89.99	735.3	86.1,86.1
50	46.85	50.48	43.60	39.24	46.26	48.59	40.76	37.91	40- 50	51.84	787.2	92.2,92.2
60	16.81	15.51	16.28	15.51	16.19	16.18	16.47	15.68	50- 60	24.01	811.2	95,95
70	8.684	8.151	7.791	7.767	8.314	8.139	7.750	7.933	60- 70	11.21	822.4	96.3,96.3
80	4.054	9.144	3.956	4.024	4.014	8.606	4.008	4.115	70- 80	6.586	829.0	97,97
90	1.538	1.758	1.699	1.778	1.872	2.048	2.000	2.146	80- 90	3.302	832.3	97.4,97.4
100	1.359	1.838	1.493	1.723	2.003	2.520	2.121	2.365	90-100	1.995	834.3	97.7,97.7
110	1.689	2.190	1.815	2.262	2.225	2.814	2.329	2.715	100-110	2.130	836.4	97.9,97.9
120	2.318	2.787	2.456	2.813	2.682	3.203	2.769	3.099	110-120	2.389	838.8	98.2,98.2
130	3.536	3.667	3.675	3.874	3.809	3.958	3.833	4.025	120-130	2.838	841.6	98.5,98.5
140	5.099	5.189	5.205	5.330	5.289	5.345	5.284	5.386	130-140	3.492	845.1	98.9,98.9
150	6.055	6.149	6.127	6.251	6.203	6.283	6.212	6.279	140-150	3.620	848.7	99.4,99.4
160	6.525	6.531	6.536	6.536	6.615	6.623	6.595	6.596	150-160	2.963	851.7	99.7,99.7
170	6.561	6.516	6.537	6.526	6.616	6.612	6.606	6.611	160-170	1.876	853.6	99.9,99.9
180	6.441	6.426	6.448	6.445	6.439	6.435	6.448	6.452	170-180	0.6189	854.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

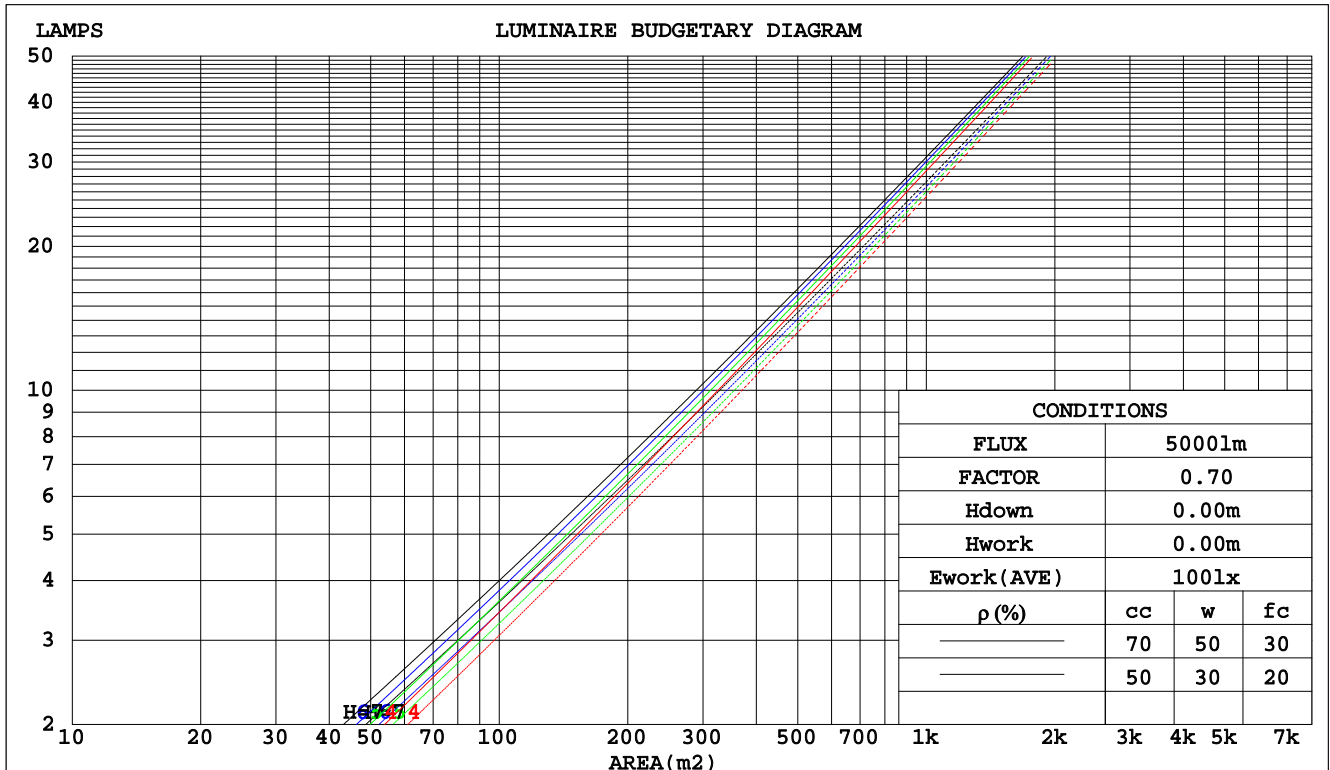
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:8.510W PF:0.8400 Lamp Flux:854.188x1 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	1.06	1.08	1.06	1.04	1.04	1.02	1.00	.99	.98	.97	.96	.95	.94	.92
2.0	1.03	.00	.96	1.01	.98	.95	.98	.95	.93	.95	.92	.90	.91	.90	.88	.86
3.0	.97	.93	.89	.96	.92	.88	.93	.89	.86	.90	.87	.85	.88	.85	.83	.82
4.0	.92	.87	.83	.91	.86	.82	.88	.84	.81	.86	.83	.80	.84	.81	.79	.77
5.0	.87	.82	.78	.86	.81	.78	.84	.80	.77	.82	.79	.76	.81	.77	.75	.74
6.0	.83	.78	.74	.82	.77	.74	.80	.76	.73	.79	.75	.72	.77	.74	.72	.70
7.0	.79	.74	.70	.79	.74	.70	.77	.73	.70	.76	.72	.69	.75	.71	.69	.67
8.0	.76	.71	.67	.75	.70	.67	.74	.70	.67	.73	.69	.66	.72	.68	.66	.65
9.0	.73	.68	.64	.72	.68	.64	.71	.67	.64	.70	.66	.64	.69	.66	.63	.62
10.0	.70	.65	.62	.70	.65	.62	.69	.65	.62	.68	.64	.61	.67	.64	.61	.60



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:8.510W PF:0.8400 Lamp Flux:854.188x1 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	.172	.098	.031	.165	.094	.030	.151	.086	.028	.138	.079	.026	.126	.073	.024	
2.0	.161	.088	.027	.155	.085	.026	.143	.080	.025	.132	.074	.023	.122	.069	.022	
3.0	.151	.080	.024	.146	.078	.023	.135	.073	.022	.126	.069	.021	.117	.065	.020	
4.0	.142	.074	.022	.137	.072	.021	.128	.068	.020	.120	.064	.019	.113	.061	.019	
5.0	.133	.068	.020	.129	.066	.019	.122	.063	.019	.114	.060	.018	.108	.058	.017	
6.0	.126	.063	.018	.122	.062	.018	.116	.059	.017	.109	.057	.017	.103	.054	.016	
7.0	.119	.059	.017	.116	.058	.016	.110	.056	.016	.104	.054	.016	.099	.052	.015	
8.0	.113	.055	.016	.110	.054	.015	.105	.052	.015	.100	.051	.015	.095	.049	.014	
9.0	.108	.052	.015	.105	.051	.014	.100	.050	.014	.096	.048	.014	.091	.046	.013	
10.0	.103	.049	.014	.100	.048	.014	.096	.047	.013	.092	.046	.013	.088	.044	.013	

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	.180	.180	.180	.123	.123	.123	.070	.070	.070	.023	.023	.023	
1.0	.191	.177	.165	.163	.152	.142	.111	.105	.098	.064	.061	.057	.021	.019	.018	
2.0	.175	.152	.134	.150	.131	.116	.103	.091	.081	.059	.053	.047	.019	.017	.015	
3.0	.162	.133	.111	.138	.115	.096	.095	.080	.068	.055	.047	.040	.018	.015	.013	
4.0	.150	.119	.094	.129	.103	.082	.089	.071	.058	.051	.042	.034	.017	.014	.011	
5.0	.141	.107	.082	.121	.092	.071	.083	.065	.050	.048	.038	.030	.016	.012	.010	
6.0	.133	.097	.072	.114	.084	.063	.079	.059	.044	.046	.035	.026	.015	.011	.009	
7.0	.126	.090	.064	.108	.078	.056	.075	.054	.040	.043	.032	.024	.014	.010	.008	
8.0	.119	.083	.058	.103	.072	.051	.071	.051	.036	.041	.030	.021	.013	.010	.007	
9.0	.114	.078	.053	.098	.067	.047	.068	.047	.033	.040	.028	.020	.013	.009	.007	
10.0	.109	.073	.049	.094	.063	.043	.065	.045	.031	.038	.026	.018	.012	.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:8.510W PF:0.8400 Lamp Flux:854.188x1 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	21.4	22.2	21.6	22.4	22.6	21.1	21.9	21.3	22.1	22.3
	3H	21.6	22.4	21.9	22.6	22.9	21.3	22.0	21.6	22.3	22.5
	4H	21.7	22.5	22.0	22.7	23.0	21.4	22.1	21.7	22.4	22.6
	6H	21.8	22.5	22.2	22.8	23.1	21.5	22.2	21.8	22.5	22.8
	8H	21.9	22.5	22.2	22.8	23.1	21.6	22.2	21.9	22.5	22.8
	12H	21.9	22.6	22.3	22.9	23.2	21.6	22.2	22.0	22.6	22.9
4H	2H	21.4	22.1	21.7	22.3	22.6	21.1	21.8	21.4	22.0	22.3
	3H	21.7	22.3	22.1	22.6	23.0	21.4	22.0	21.7	22.3	22.6
	4H	21.9	22.5	22.3	22.8	23.2	21.6	22.2	22.0	22.5	22.9
	6H	22.1	22.6	22.5	23.0	23.4	21.9	22.4	22.3	22.8	23.2
	8H	22.2	22.7	22.6	23.1	23.5	22.0	22.5	22.4	22.9	23.3
	12H	22.3	22.7	22.7	23.1	23.6	22.1	22.5	22.6	23.0	23.4
8H	4H	22.0	22.5	22.4	22.9	23.3	21.8	22.3	22.2	22.7	23.1
	6H	22.3	22.7	22.8	23.2	23.6	22.5	22.9	23.0	23.4	23.8
	8H	22.5	22.8	23.0	23.3	23.8	22.8	23.1	23.3	23.6	24.1
	12H	22.7	23.0	23.2	23.5	24.0	23.0	23.2	23.5	23.7	24.3
12H	4H	22.1	22.5	22.5	22.9	23.4	21.8	22.2	22.2	22.6	23.1
	6H	22.5	22.9	23.0	23.3	23.8	22.7	23.0	23.1	23.5	24.0
	8H	22.7	23.0	23.2	23.5	24.0	23.0	23.3	23.5	23.8	24.3
Variations with the observer position at spacings:											
S = 1.0H	+ 1.1 / - 1.5					+ 0.9 / - 1.2					
1.5H	+ 1.4 / - 1.9					+ 1.1 / - 1.1					
2.0H	+ 2.3 / - 1.6					+ 2.0 / - 1.1					

CIE Pub.117 Corrected 854.2 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:8.510W PF:0.8400 Lamp Flux:854.188x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

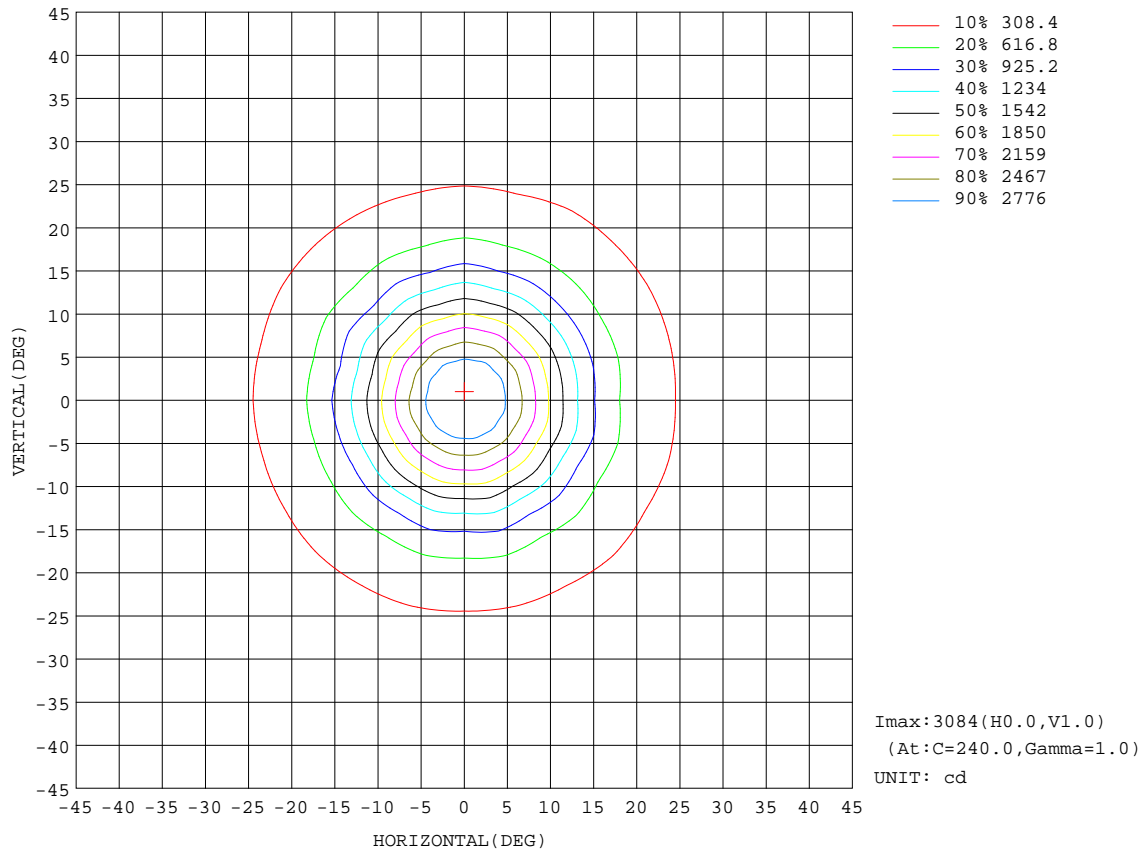
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	82	76	72	81	75	71	67
0.80	91	84	80	90	84	80	88	83	79	75
1.00	96	89	85	95	89	85	93	89	84	80
1.25	100	94	90	99	93	90	96	92	89	84
1.50	103	98	94	102	97	93	99	95	92	87
2.00	106	101	98	105	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	104	102	94
5.00	114	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:0.0440A P:8.510W PF:0.8400 Lamp Flux:854.188x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

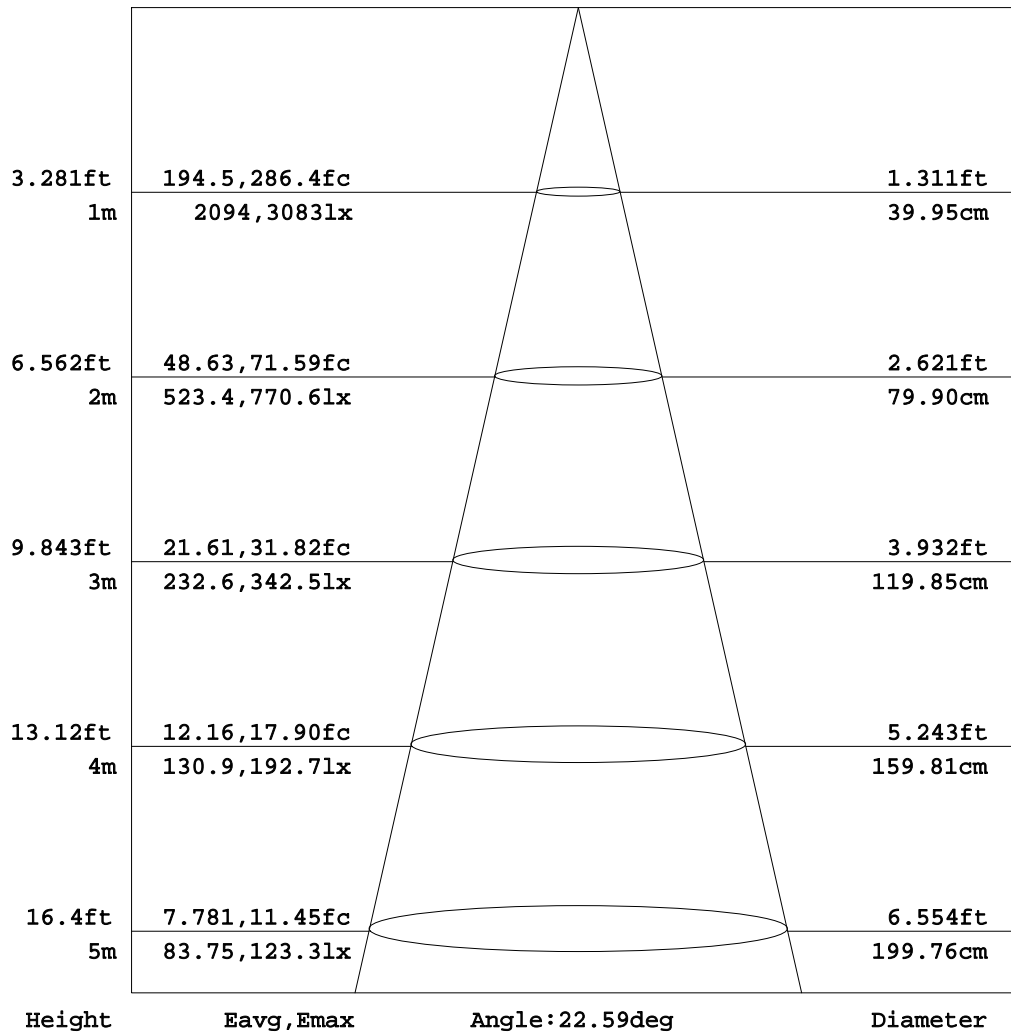


C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Temperature:25.3DEG	Humidity:65.0%
Operators:ZhangXiao	Test Distance:6.590m [K=1.0000]
Test Date:2015-12-07	Remarks:

### AAI Figure

Test:U:226.5V I:0.0440A P:8.510W PF:0.8400 Lamp Flux:854.188x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:297.2 lm



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

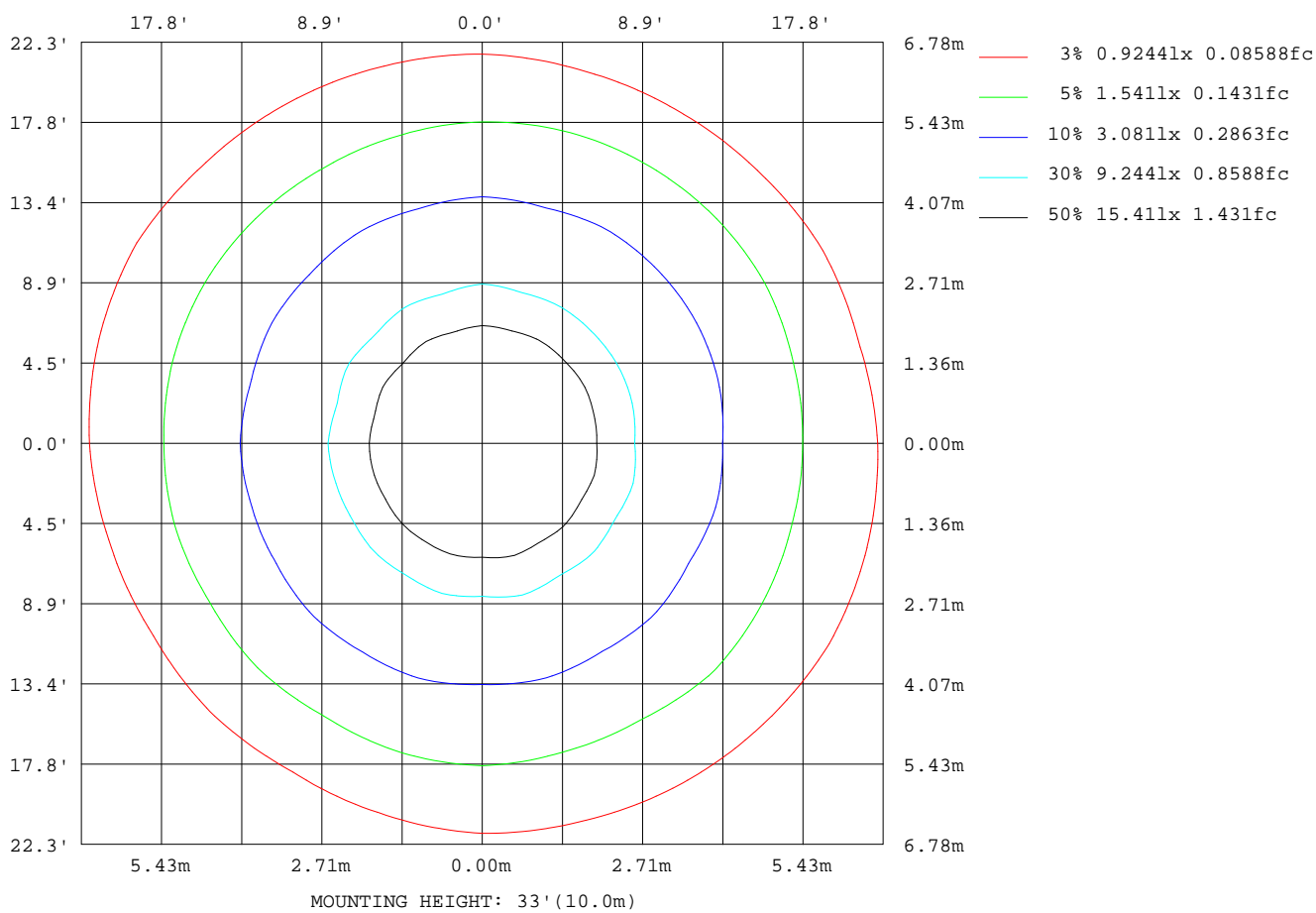
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

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

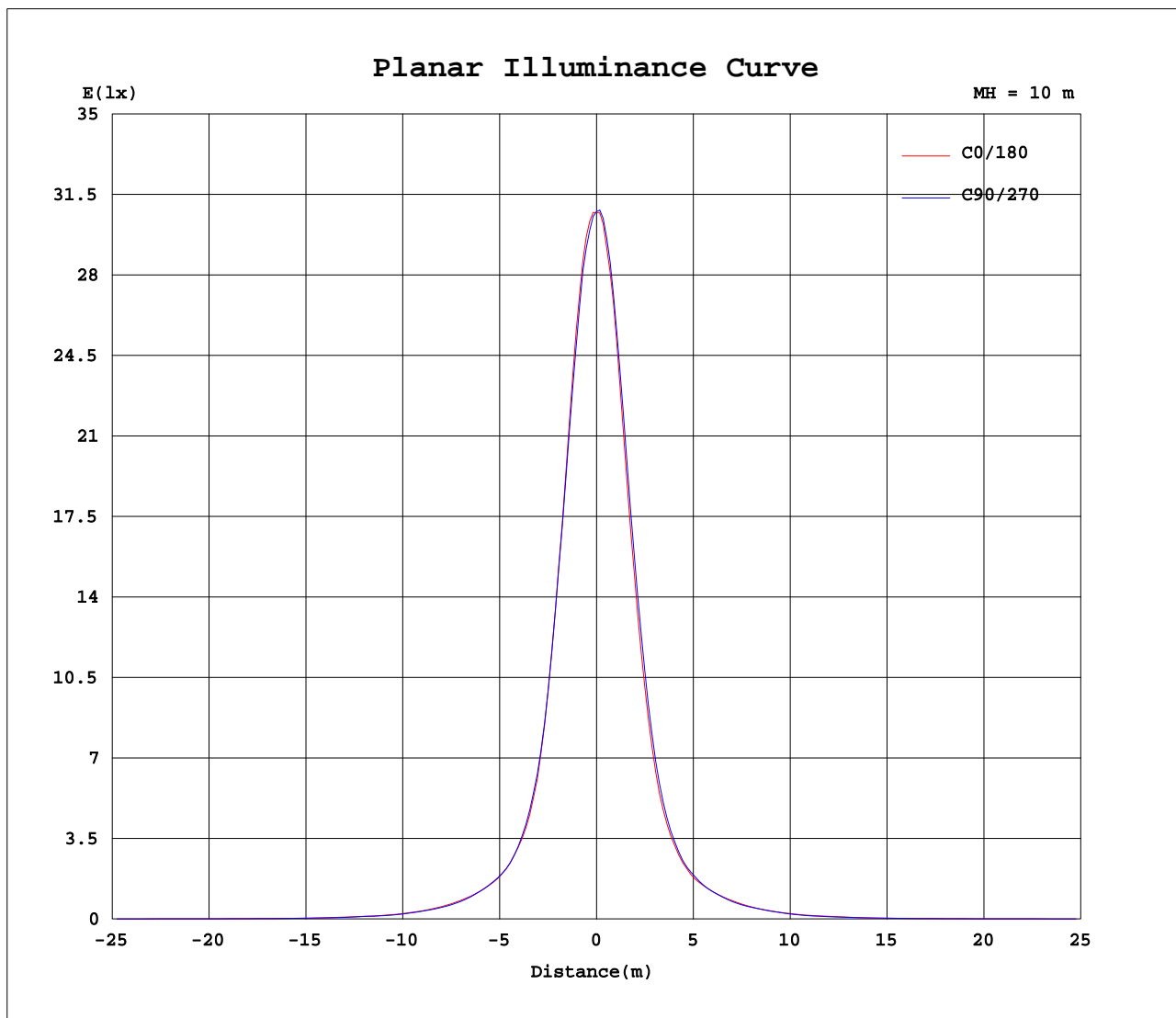
Test:U:226.5V I:0.0440A P:8.510W PF:0.8400 Lamp Flux:854.188x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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

$\gamma$  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:

## 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:8.510W PF:0.8400 Lamp Flux:854.188x1 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	3076	3076	3076	3076	3076	3076	3076	3076	3076	3076	3076	3076	3076	3076	3076	3076	3076	3076	3076
5	2747	2757	2714	2735	2713	2718	2691	2700	2693	2699	2687	2717	2714	2688	2712	2694	2743	2718	2745
10	1805	1841	1795	1821	1800	1832	1789	1810	1781	1785	1753	1771	1771	1743	1796	1766	1838	1805	1856
15	941	997	942	991	949	1011	949	987	937	953	915	933	970	910	985	937	1000	965	1035
20	480	502	478	506	484	512	497	510	484	497	479	483	499	481	509	491	513	502	529
25	294	299	293	301	292	295	293	296	292	292	287	286	295	294	303	302	299	297	303
30	206	206	209	211	201	202	206	199	190	196	190	198	202	205	206	203	200	198	202
35	149	152	153	151	147	143	140	135	134	136	132	138	146	150	152	146	145	143	139
40	103	108	107	106	103	99.4	96.4	94.7	93.0	94.6	93.0	96.5	101	102	104	102	101	97.2	98.4
45	68.0	72.5	73.2	70.9	69.8	68.9	62.2	62.4	61.6	59.8	58.0	62.7	67.2	69.7	71.0	70.2	68.3	65.3	63.1
50	46.8	50.4	52.4	50.5	47.7	44.6	43.6	39.0	38.9	39.2	39.9	41.1	46.3	49.2	50.1	48.6	47.1	42.2	40.8
55	28.1	26.5	25.2	26.9	26.7	25.8	25.6	22.9	23.0	23.3	23.5	26.2	26.9	26.1	28.0	26.6	26.9	26.3	25.5
60	16.8	16.0	15.6	15.5	15.6	15.3	16.3	15.6	15.1	15.5	15.0	16.7	16.2	15.8	16.5	16.2	16.1	15.4	16.5
65	11.9	11.6	11.4	11.1	10.9	10.8	11.0	10.5	10.6	11.0	10.5	11.2	11.5	11.4	11.6	11.4	11.1	10.8	11.1
70	8.68	8.47	8.44	8.15	8.05	7.99	7.79	7.70	7.71	7.77	7.75	7.91	8.31	8.20	8.39	8.14	7.96	7.87	7.75
75	6.13	6.09	6.15	6.07	6.07	5.91	5.77	5.75	5.65	5.78	5.79	5.74	6.06	6.06	6.13	5.96	5.91	5.75	5.69
80	4.05	4.08	4.09	9.14	9.47	4.04	3.96	3.97	3.87	4.02	4.90	3.93	4.01	4.04	4.08	8.61	7.09	4.08	4.01
85	2.47	2.51	2.49	3.92	3.83	2.57	2.56	2.54	2.48	2.61	3.15	2.45	2.60	2.62	2.61	3.65	3.68	2.76	2.70
90	1.54	1.53	1.54	1.76	1.95	1.65	1.70	1.66	1.67	1.78	1.88	1.54	1.87	1.89	1.86	2.05	2.26	2.11	2.00
95	1.40	1.38	1.40	1.70	1.78	1.49	1.53	1.49	1.51	1.69	1.78	1.37	1.91	1.91	1.92	2.22	2.27	2.09	2.05
100	1.36	1.36	1.36	1.84	1.85	1.49	1.49	1.48	1.49	1.72	1.78	1.36	2.00	2.00	2.01	2.52	2.45	2.17	2.12
105	1.46	1.48	1.47	2.10	2.11	1.60	1.59	1.59	1.59	1.94	1.97	1.49	2.10	2.09	2.11	2.96	2.61	2.26	2.21
110	1.69	1.71	1.70	2.19	2.30	1.83	1.81	1.81	1.82	2.26	2.26	1.71	2.23	2.22	2.24	2.81	2.72	2.37	2.33
115	1.97	1.99	1.97	2.52	2.60	2.11	2.09	2.08	2.11	2.49	2.55	1.99	2.40	2.42	2.41	2.95	2.89	2.56	2.49
120	2.32	2.33	2.33	2.79	2.84	2.47	2.46	2.43	2.46	2.81	2.79	2.35	2.68	2.69	2.69	3.20	3.19	2.83	2.77
125	2.82	2.82	2.84	3.10	3.24	2.97	2.97	2.95	2.98	3.29	3.22	2.85	3.15	3.16	3.15	3.44	3.59	3.29	3.20
130	3.54	3.53	3.55	3.67	3.86	3.67	3.68	3.65	3.69	3.87	3.71	3.58	3.81	3.82	3.81	3.96	4.13	3.94	3.83
135	4.34	4.34	4.36	4.46	4.62	4.48	4.47	4.45	4.49	4.63	4.46	4.38	4.57	4.58	4.56	4.68	4.87	4.68	4.58
140	5.10	5.09	5.10	5.19	5.28	5.21	5.21	5.19	5.23	5.33	5.17	5.14	5.29	5.29	5.26	5.34	5.52	5.37	5.28
145	5.67	5.68	5.67	5.78	5.86	5.79	5.76	5.75	5.79	5.89	5.78	5.70	5.83	5.83	5.81	5.92	6.05	5.92	5.84
150	6.05	6.06	6.06	6.15	6.21	6.15	6.13	6.13	6.15	6.25	6.15	6.09	6.20	6.19	6.18	6.28	6.44	6.29	6.21
155	6.33	6.33	6.33	6.46	6.45	6.36	6.37	6.38	6.40	6.49	6.42	6.36	6.45	6.44	6.43	6.53	6.65	6.52	6.46
160	6.53	6.54	6.52	6.53	6.53	6.53	6.54	6.52	6.53	6.54	6.53	6.54	6.61	6.61	6.61	6.62	6.64	6.62	6.60
165	6.62	6.63	6.60	6.60	6.62	6.61	6.61	6.60	6.61	6.60	6.62	6.63	6.69	6.69	6.66	6.67	6.69	6.68	6.67
170	6.56	6.54	6.54	6.52	6.55	6.53	6.54	6.52	6.55	6.53	6.56	6.55	6.62	6.63	6.61	6.61	6.61	6.62	6.61
175	6.40	6.40	6.39	6.38	6.40	6.38	6.40	6.37	6.40	6.38	6.41	6.40	6.45	6.47	6.44	6.46	6.47	6.47	6.45
180	6.44	6.44	6.43	6.43	6.45	6.45	6.45	6.44	6.45	6.44	6.45	6.46	6.44	6.45	6.43	6.43	6.45	6.45	6.45

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:8.510W PF:0.8400 Lamp Flux:854.188x1 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	3076	3076	3076	3076	3076														
5	2738	2779	2750	2773	2753														
10	1832	1866	1836	1853	1815														
15	983	1010	994	994	980														
20	507	522	518	512	506														
25	297	311	306	305	299														
30	204	204	207	210	205														
35	137	137	138	141	142														
40	96.2	94.3	94.7	95.9	98.1														
45	61.2	62.9	62.0	60.7	63.2														
50	39.5	40.7	37.9	39.9	41.1														
55	22.8	24.2	23.0	24.7	25.6														
60	15.1	15.4	15.7	15.7	16.2														
65	10.6	10.6	10.9	10.9	11.4														
70	7.70	7.76	7.93	8.07	8.40														
75	5.64	5.72	5.82	6.00	5.97														
80	3.96	4.06	4.12	5.42	4.01														
85	2.66	2.67	2.77	3.90	2.56														
90	1.99	1.99	2.15	2.13	1.84														
95	2.02	2.05	2.28	2.33	1.90														
100	2.08	2.12	2.36	2.41	1.97														
105	2.18	2.21	2.57	2.54	2.07														
110	2.29	2.32	2.71	2.74	2.19														
115	2.46	2.49	2.82	2.83	2.37														
120	2.73	2.76	3.10	3.03	2.65														
125	3.18	3.21	3.51	3.38	3.11														
130	3.82	3.83	4.03	3.88	3.76														
135	4.56	4.58	4.73	4.57	4.53														
140	5.27	5.29	5.39	5.26	5.24														
145	5.83	5.84	5.93	5.85	5.79														
150	6.18	6.23	6.28	6.22	6.17														
155	6.41	6.46	6.59	6.50	6.42														
160	6.56	6.59	6.60	6.60	6.60														
165	6.66	6.67	6.66	6.68	6.68														
170	6.60	6.61	6.61	6.61	6.64														
175	6.45	6.45	6.46	6.46	6.48														
180	6.44	6.45	6.45	6.46	6.46														

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  
γ Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks: