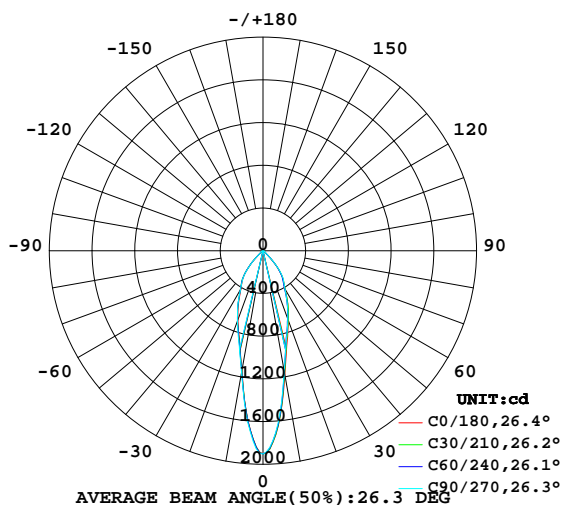


## LUMINAIRE PHOTOMETRIC TEST REPORT

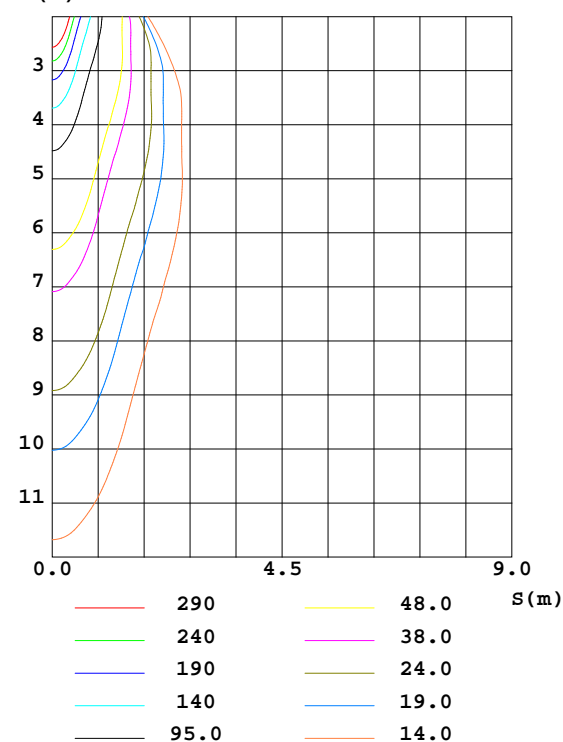
Test:U:226.5V I:0.0590A P:10.60W PF:0.7900 Lamp Flux:998.395x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 94.19 lm/W			
MODEL	M031-11W-830-S-28	Imax(cd)	1903	S/MH(C0/180)	0.44
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.42
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	998.41	η UP,DN(C0-180)	1.2,48.5
NOMINAL FLUX(lm)	998.395	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,49.1
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.5	η down(%)	97.6	CIBSE SHR MAX	0.55

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	1181	1171	1148	1137	1140	1132	1157	1170	0- 10	139.1	139.1	13.9,13.9
20	695.2	686.5	679.7	676.4	688.4	689.0	702.4	694.3	10- 20	243.5	382.6	38.3,38.3
30	414.3	414.1	412.5	414.7	416.1	423.8	424.7	420.3	20- 30	249.8	632.4	63.3,63.3
40	228.0	231.0	235.5	237.6	237.5	232.3	235.3	234.7	30- 40	206.3	838.7	84,84
50	32.77	35.13	35.32	36.11	35.35	33.86	34.16	32.96	40- 50	86.16	924.9	92.6,92.6
60	16.98	17.42	17.94	18.28	18.57	17.82	17.03	17.26	50- 60	21.57	946.5	94.8,94.8
70	10.12	10.17	10.66	11.07	11.66	11.17	10.38	10.15	60- 70	13.74	960.2	96.2,96.2
80	6.148	6.129	6.499	6.971	7.559	7.130	6.505	6.224	70- 80	9.090	969.3	97.1,97.1
90	1.688	1.699	1.682	2.667	1.935	1.976	1.948	1.997	80- 90	4.708	974.0	97.6,97.6
100	1.850	1.854	1.851	1.866	2.259	2.266	2.275	2.284	90-100	2.104	976.1	97.8,97.8
110	2.362	2.370	2.372	2.376	2.752	2.754	2.760	2.784	100-110	2.422	978.5	98,98
120	3.142	3.138	3.158	3.148	3.474	3.466	3.464	3.480	110-120	2.890	981.4	98.3,98.3
130	4.231	4.236	4.270	4.254	4.511	4.507	4.486	4.506	120-130	3.409	984.8	98.6,98.6
140	5.534	5.541	5.566	5.556	5.712	5.709	5.690	5.703	130-140	3.867	988.7	99,99
150	6.410	6.422	6.429	6.430	6.521	6.524	6.522	6.529	140-150	3.813	992.5	99.4,99.4
160	7.030	7.034	7.046	7.024	7.115	7.119	7.127	7.130	150-160	3.132	995.6	99.7,99.7
170	7.470	7.461	7.456	7.447	7.494	7.498	7.524	7.519	160-170	2.063	997.7	99.9,99.9
180	7.650	7.650	7.657	7.659	7.654	7.645	7.653	7.657	170-180	0.7207	998.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

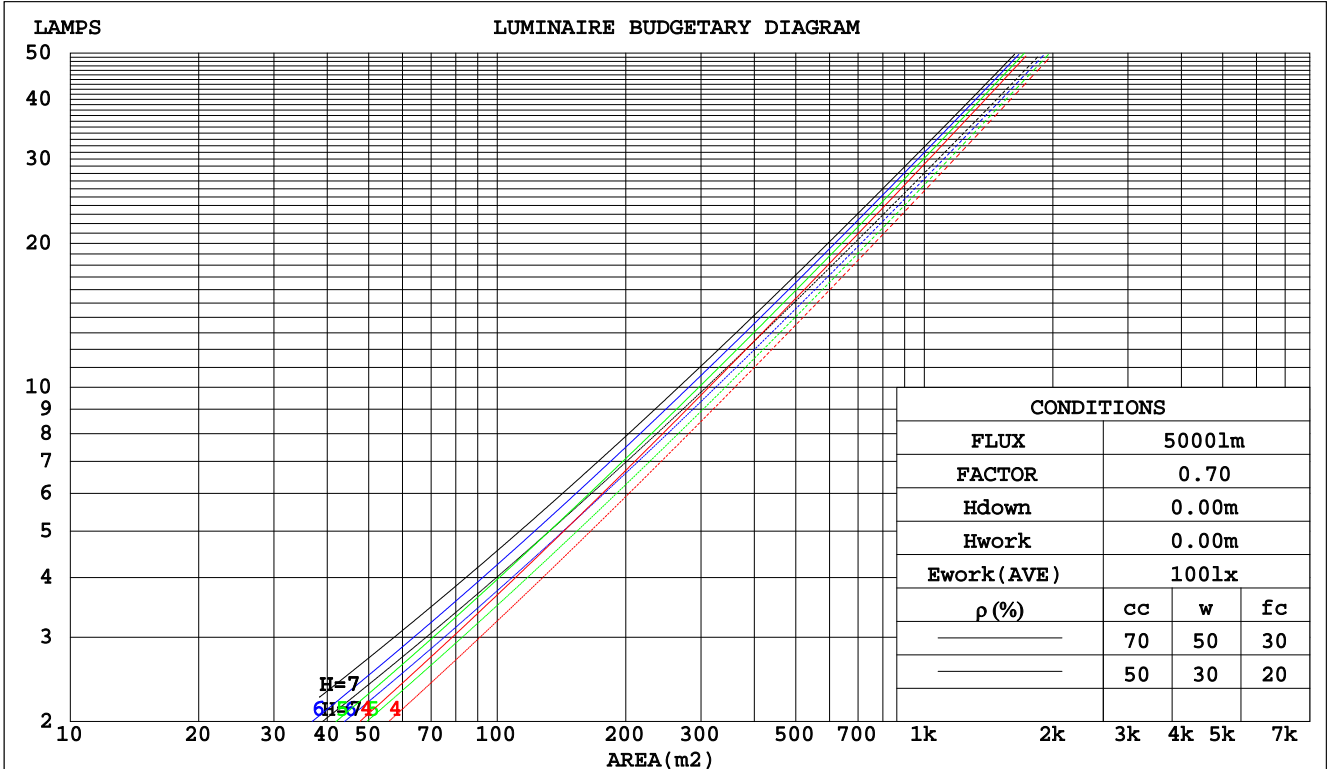
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
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:0.7900 Lamp Flux:998.395x1 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	1.02	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	.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	.61	.57	.65	.60	.56	.63	.59	.56	.55
9.0	.64	.58	.54	.63	.58	.54	.62	.57	.53	.61	.57	.53	.60	.56	.53	.51
10.0	.61	.55	.51	.60	.55	.51	.59	.54	.50	.58	.54	.50	.57	.53	.50	.49



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:0.7900 Lamp Flux:998.395x1 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	.193	.110	.035	.186	.106	.034	.172	.098	.031	.159	.092	.029	.147	.085	.027	
2.0	.183	.100	.031	.177	.097	.030	.165	.092	.028	.154	.086	.027	.143	.081	.026	
3.0	.173	.092	.028	.167	.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	.133	.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	.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	.124	.062	.018	.119	.060	.017	.114	.059	.017	
9.0	.127	.061	.017	.124	.061	.017	.119	.059	.017	.114	.057	.016	.110	.056	.016	
10.0	.121	.058	.016	.119	.057	.016	.114	.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	.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	.067	.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	.121	.079	.050	.105	.068	.044	.072	.048	.031	.042	.028	.019	.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:0.0590A P:10.60W PF:0.7900 Lamp Flux:998.395x1 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	23.9	24.9	24.2	25.1	25.3	24.0	24.9	24.2	25.2	25.4
	3H	23.9	24.8	24.2	25.1	25.3	24.0	24.9	24.3	25.2	25.4
	4H	24.0	24.8	24.3	25.1	25.4	24.1	24.9	24.4	25.2	25.5
	6H	24.1	24.9	24.4	25.1	25.4	24.2	25.0	24.5	25.2	25.5
	8H	24.1	24.9	24.5	25.2	25.5	24.2	25.0	24.6	25.3	25.6
	12H	24.2	24.9	24.5	25.2	25.5	24.3	25.0	24.6	25.3	25.7
4H	2H	23.7	24.6	24.0	24.8	25.1	23.8	24.7	24.1	24.9	25.2
	3H	23.8	24.6	24.2	24.9	25.2	23.9	24.7	24.3	25.0	25.3
	4H	24.0	24.6	24.4	25.0	25.3	24.1	24.7	24.5	25.1	25.4
	6H	24.2	24.7	24.6	25.1	25.5	24.3	24.9	24.7	25.2	25.6
	8H	24.3	24.8	24.7	25.2	25.6	24.4	24.9	24.8	25.3	25.8
	12H	24.4	24.9	24.8	25.3	25.7	24.5	25.0	25.0	25.4	25.9
8H	4H	24.0	24.5	24.4	24.9	25.3	24.0	24.6	24.5	25.0	25.4
	6H	24.2	24.7	24.7	25.1	25.6	24.3	24.8	24.8	25.2	25.7
	8H	24.4	24.8	24.9	25.3	25.8	24.6	24.9	25.0	25.4	25.9
	12H	24.6	25.0	25.2	25.5	26.0	24.8	25.1	25.3	25.6	26.1
12H	4H	23.9	24.4	24.4	24.8	25.3	24.0	24.5	24.5	24.9	25.4
	6H	24.3	24.7	24.7	25.1	25.6	24.4	24.8	24.8	25.2	25.7
	8H	24.5	24.8	25.0	25.3	25.8	24.6	24.9	25.1	25.4	25.9
Variations with the observer position at spacings:											
S = 1.0H	+ 1.9 / - 3.6					+ 1.9 / - 3.4					
1.5H	+ 3.8 / - 3.5					+ 3.8 / - 3.3					
2.0H	+ 3.6 / - 1.0					+ 3.8 / - 1.0					

CIE Pub.117 Corrected 998.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.0)

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:0.7900 Lamp Flux:998.395x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

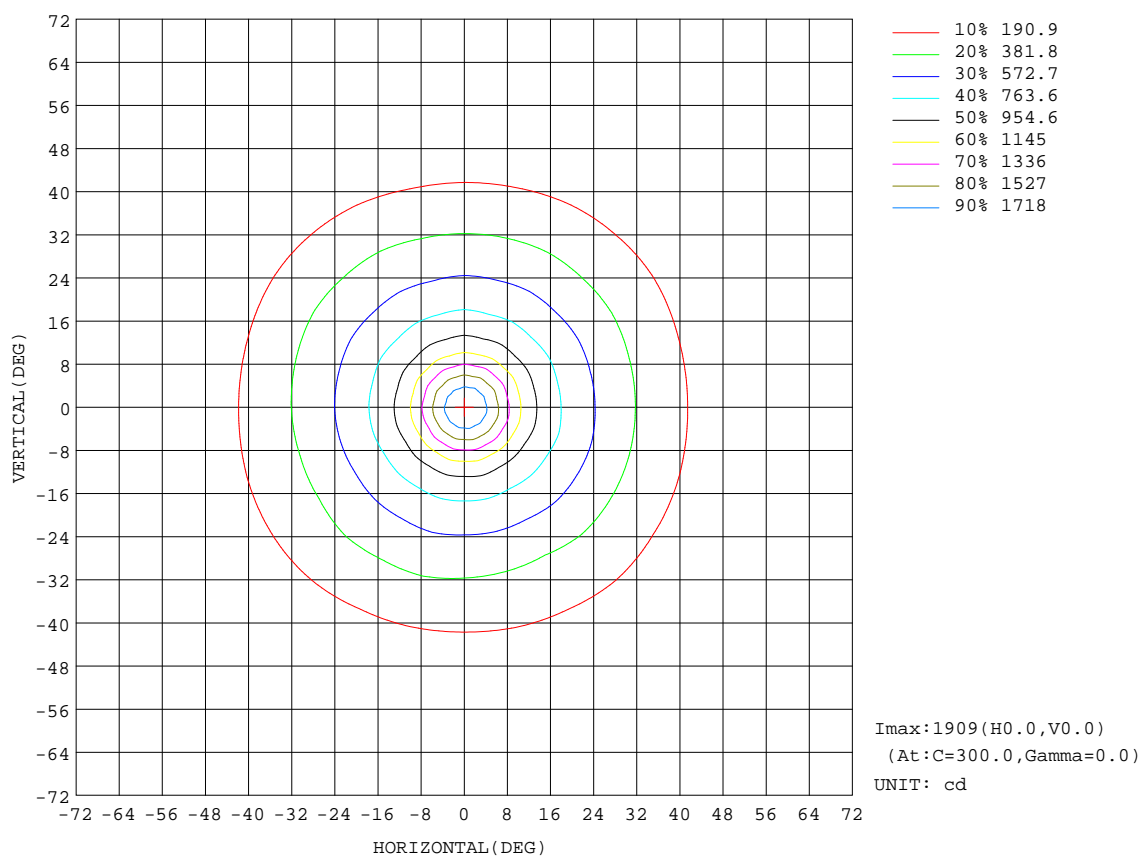
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	74	70	81	74	70	80	74	70	66
0.80	90	83	78	89	82	78	87	82	78	73
1.00	95	88	84	94	88	84	92	88	83	78
1.25	99	93	89	98	93	89	96	91	88	83
1.50	102	97	93	101	96	92	98	94	91	86
2.00	106	101	97	104	100	96	101	97	95	88
2.50	108	103	100	106	102	99	102	99	97	90
3.00	110	106	102	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:0.0590A P:10.60W PF:0.7900 Lamp Flux:998.395x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



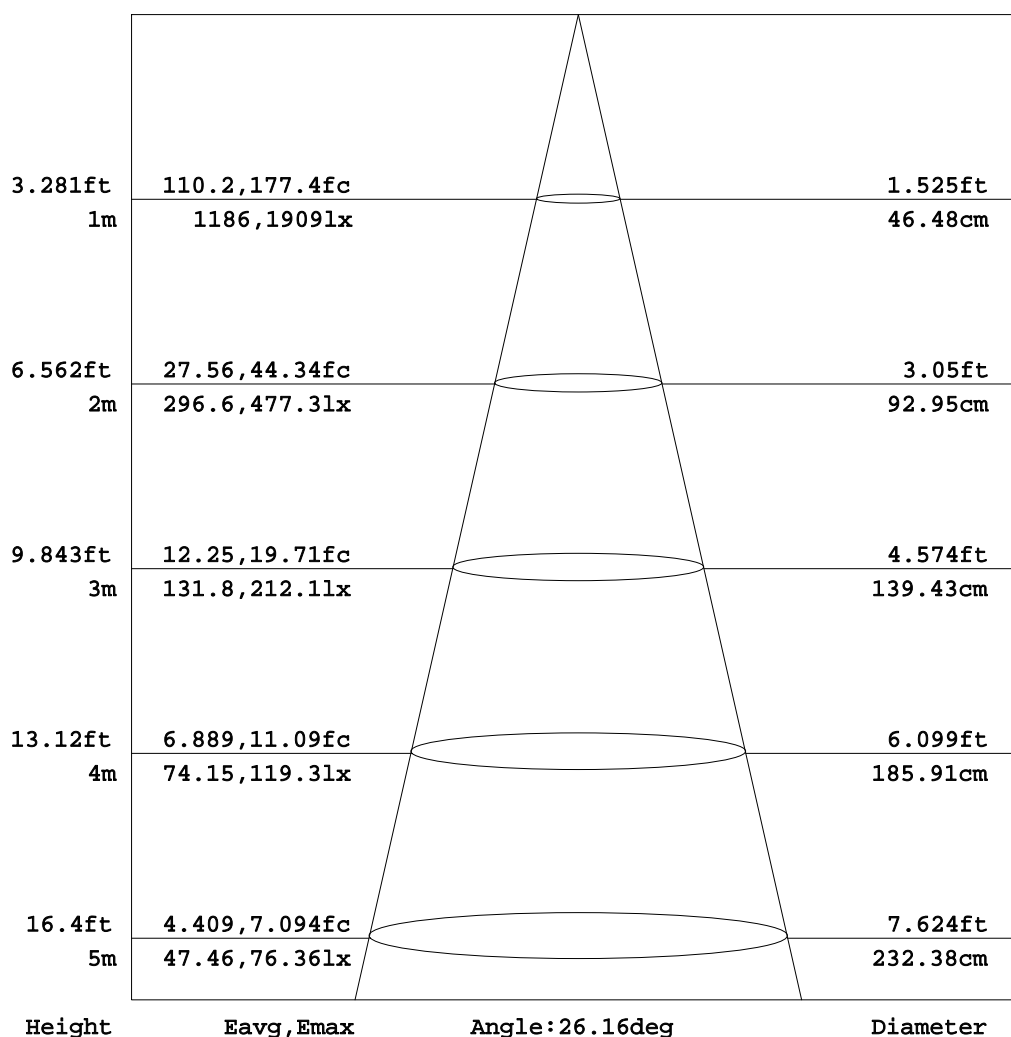
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:0.7900 Lamp Flux:998.395x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:231.7 lm



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

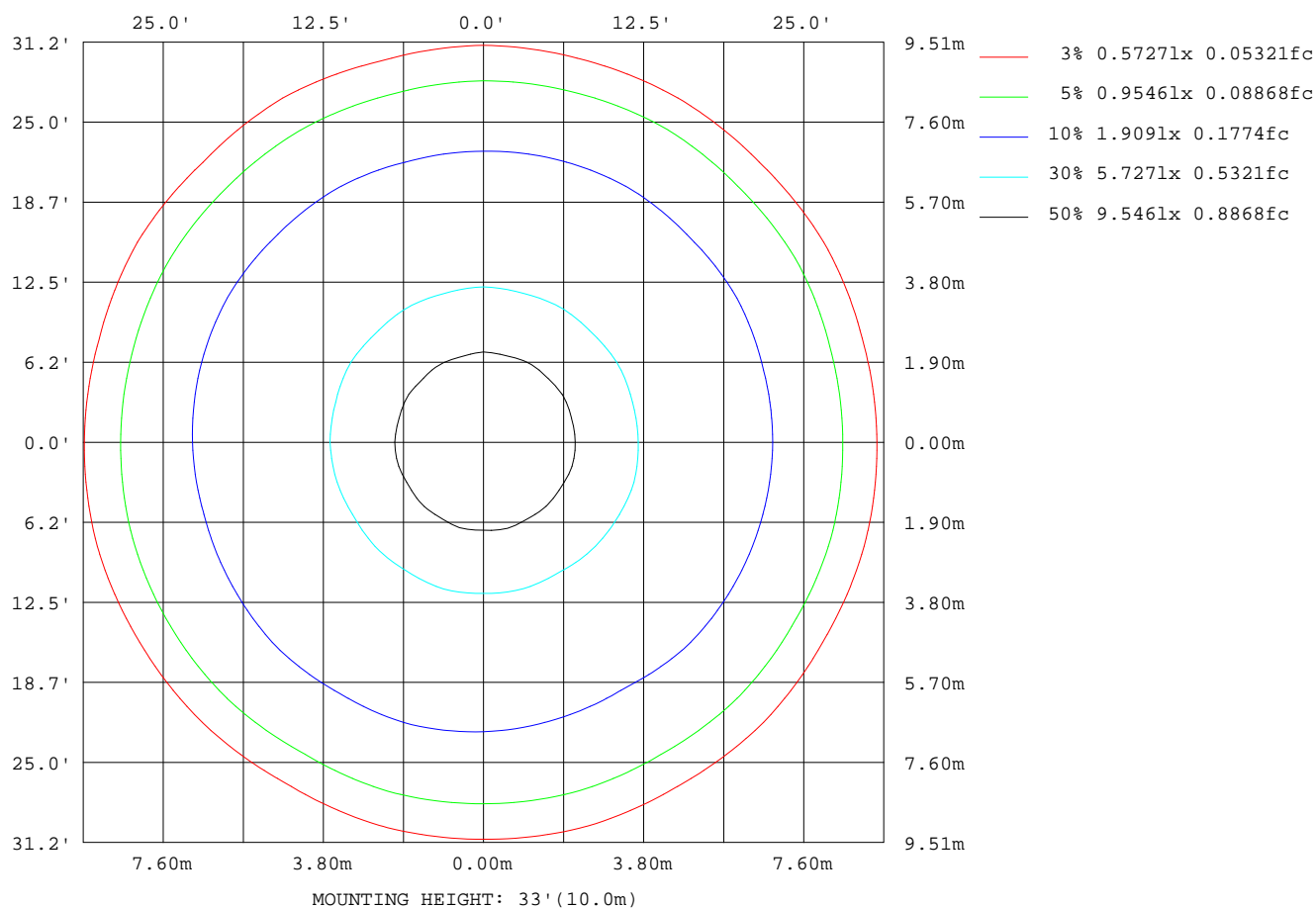
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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

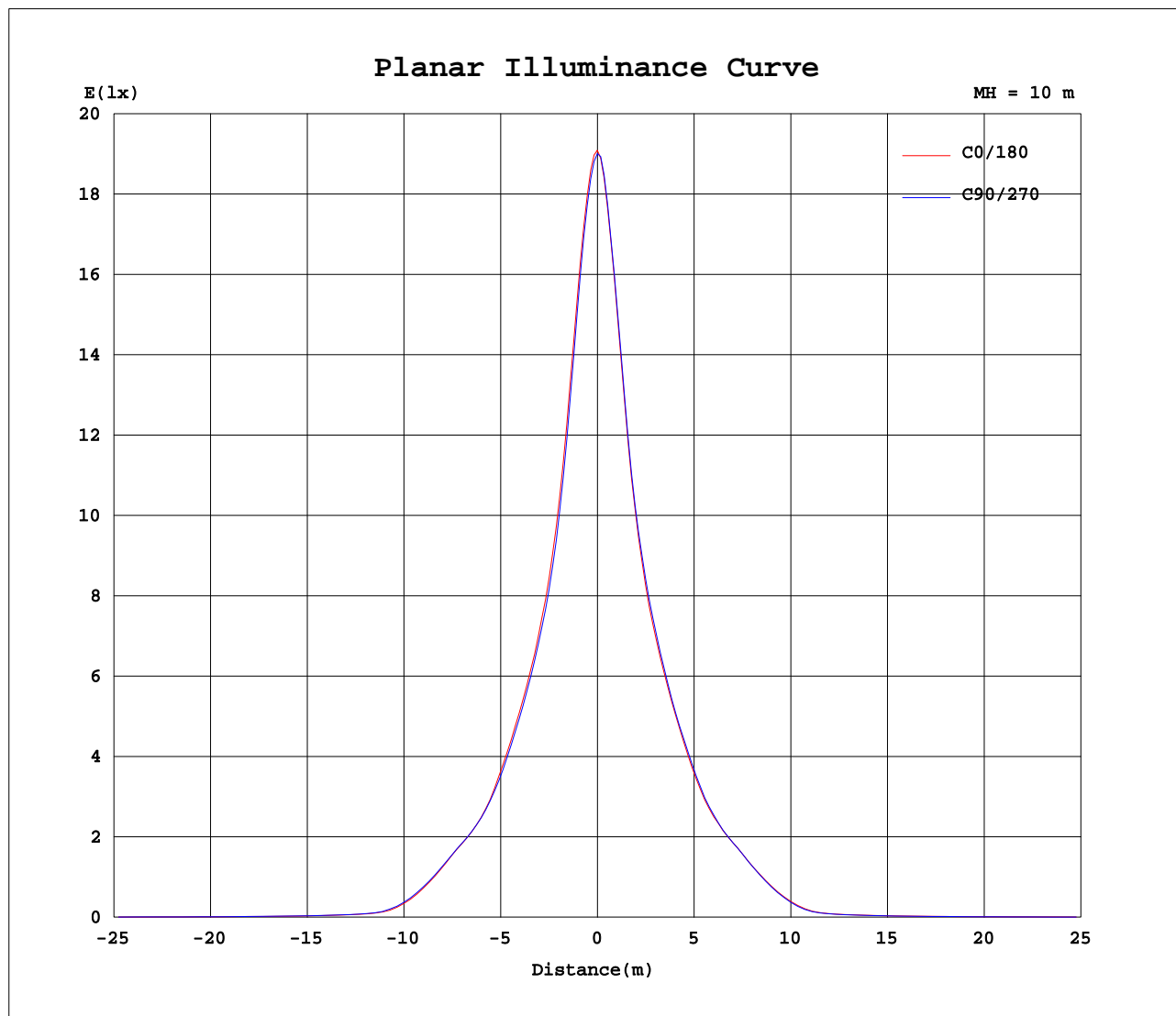
Test:U:226.5V I:0.0590A P:10.60W PF:0.7900 Lamp Flux:998.395x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.7900 Lamp Flux:998.395x1 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	1903	1903	1903	1903	1903	1903	1903	1903	1903	1903	1903	1903	1903	1903	1903	1903	1903	1903	1903
5	1648	1659	1644	1653	1634	1643	1622	1631	1608	1613	1603	1612	1604	1592	1611	1590	1608	1596	1620
10	1181	1186	1167	1171	1151	1163	1148	1155	1131	1137	1124	1140	1140	1129	1146	1132	1148	1135	1157
15	876	877	860	856	843	857	853	852	843	847	841	857	856	853	866	859	869	865	879
20	695	703	692	687	676	683	680	685	674	676	671	683	688	688	699	689	698	693	702
25	550	555	550	550	535	538	536	542	535	535	530	539	544	545	554	548	555	549	557
30	414	415	413	414	402	408	413	423	415	415	407	411	416	422	428	424	428	423	425
35	332	332	331	330	320	328	335	340	334	338	334	333	337	342	345	341	343	337	339
40	228	230	228	231	228	232	236	236	230	238	238	241	237	236	240	232	235	229	235
45	97.4	100.0	99.1	102	103	108	106	107	100.0	106	108	113	111	108	111	108	108	101	105
50	32.8	33.6	33.6	35.1	35.4	35.9	35.3	36.1	35.5	36.1	36.0	36.0	35.3	34.8	35.0	33.9	33.8	33.3	34.2
55	22.5	22.9	23.0	23.7	23.9	24.3	24.0	24.2	23.8	24.1	24.2	24.5	24.4	24.3	24.2	23.3	22.9	22.5	22.9
60	17.0	17.1	17.0	17.4	17.6	18.0	17.9	18.1	18.0	18.3	18.4	18.6	18.6	18.6	18.5	17.8	17.3	16.8	17.0
65	13.1	13.2	13.1	13.4	13.4	13.8	13.9	14.1	14.0	14.3	14.3	14.6	14.7	14.8	14.7	14.1	13.7	13.2	13.3
70	10.1	10.1	10.0	10.2	10.2	10.5	10.7	10.9	10.9	11.1	11.1	11.5	11.7	11.8	11.6	11.2	10.8	10.4	10.4
75	8.08	8.10	7.97	8.00	8.05	8.33	8.47	8.65	8.71	8.85	8.97	9.28	9.53	9.65	9.52	9.11	8.78	8.47	8.37
80	6.15	6.19	6.08	6.13	6.19	6.40	6.50	6.68	6.72	6.97	7.07	7.29	7.56	7.63	7.47	7.13	7.00	6.58	6.50
85	3.81	3.87	3.78	3.88	3.99	4.05	4.09	4.22	4.23	4.44	4.47	4.61	4.87	4.87	4.79	4.54	4.57	4.17	4.14
90	1.69	1.68	1.69	1.70	1.80	1.67	1.68	1.67	1.68	2.67	1.74	1.66	1.93	1.94	1.94	1.98	2.08	1.95	1.95
95	1.72	1.73	1.72	1.73	1.74	1.72	1.70	1.72	1.71	1.74	1.75	1.70	2.07	2.07	2.08	2.07	2.13	2.07	2.09
100	1.85	1.86	1.85	1.85	1.86	1.84	1.85	1.84	1.85	1.87	1.86	1.83	2.26	2.26	2.26	2.27	2.29	2.28	2.28
105	2.06	2.07	2.06	2.08	2.07	2.07	2.06	2.07	2.06	2.08	2.06	2.05	2.48	2.49	2.48	2.49	2.51	2.49	2.49
110	2.36	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.38	2.36	2.36	2.75	2.74	2.75	2.75	2.76	2.75	2.76
115	2.72	2.73	2.72	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.72	2.70	3.09	3.09	3.08	3.09	3.10	3.08	3.08
120	3.14	3.14	3.15	3.14	3.16	3.14	3.16	3.15	3.16	3.15	3.15	3.13	3.47	3.47	3.47	3.47	3.48	3.47	3.46
125	3.64	3.63	3.64	3.64	3.65	3.65	3.66	3.65	3.66	3.66	3.65	3.63	3.95	3.95	3.95	3.94	3.94	3.95	3.93
130	4.23	4.23	4.24	4.24	4.26	4.24	4.27	4.25	4.27	4.25	4.26	4.23	4.51	4.51	4.50	4.51	4.50	4.50	4.49
135	4.90	4.90	4.91	4.90	4.93	4.91	4.94	4.92	4.93	4.92	4.92	4.90	5.12	5.14	5.12	5.13	5.12	5.11	5.10
140	5.53	5.54	5.55	5.54	5.56	5.55	5.57	5.55	5.57	5.56	5.56	5.53	5.71	5.72	5.70	5.71	5.70	5.70	5.69
145	6.04	6.04	6.06	6.05	6.07	6.05	6.06	6.05	6.07	6.06	6.05	6.03	6.17	6.18	6.17	6.17	6.16	6.16	6.15
150	6.41	6.41	6.42	6.42	6.43	6.42	6.43	6.42	6.43	6.43	6.42	6.41	6.52	6.53	6.52	6.52	6.52	6.52	6.52
155	6.74	6.74	6.75	6.74	6.75	6.74	6.76	6.74	6.76	6.74	6.75	6.73	6.83	6.83	6.84	6.83	6.84	6.84	6.84
160	7.03	7.03	7.04	7.03	7.04	7.02	7.05	7.02	7.03	7.02	7.03	7.02	7.11	7.11	7.11	7.12	7.11	7.12	7.13
165	7.27	7.28	7.28	7.27	7.28	7.27	7.28	7.27	7.28	7.26	7.27	7.27	7.33	7.34	7.33	7.34	7.34	7.35	7.35
170	7.47	7.46	7.46	7.46	7.46	7.45	7.46	7.45	7.45	7.45	7.45	7.45	7.49	7.50	7.51	7.50	7.51	7.50	7.52
175	7.56	7.58	7.57	7.57	7.57	7.56	7.56	7.55	7.55	7.55	7.56	7.56	7.59	7.58	7.59	7.58	7.59	7.58	7.60
180	7.65	7.66	7.65	7.65	7.64	7.64	7.66	7.65	7.66	7.66	7.66	7.66	7.65	7.65	7.66	7.65	7.65	7.64	7.65

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:0.7900 Lamp Flux:998.395x1 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	1903	1903	1903	1903	1903													
5	1609	1641	1627	1652	1643													
10	1149	1174	1170	1192	1179													
15	870	880	875	885	878													
20	694	703	694	703	696													
25	552	559	553	557	550													
30	421	426	420	422	416													
35	341	344	338	340	335													
40	235	239	235	238	229													
45	99.7	103	94.5	100	94.2													
50	33.3	34.0	33.0	33.5	32.7													
55	22.7	23.0	22.5	23.0	22.7													
60	17.1	17.4	17.3	17.6	17.3													
65	13.2	13.4	13.2	13.5	13.3													
70	10.2	10.3	10.1	10.3	10.2													
75	8.21	8.21	8.08	8.31	8.19													
80	6.34	6.31	6.22	6.39	6.25													
85	4.01	4.03	3.99	4.12	3.97													
90	1.96	1.95	2.00	2.04	1.95													
95	2.08	2.10	2.12	2.13	2.08													
100	2.27	2.28	2.28	2.30	2.27													
105	2.50	2.51	2.50	2.51	2.50													
110	2.76	2.77	2.78	2.77	2.76													
115	3.09	3.09	3.10	3.10	3.09													
120	3.47	3.47	3.48	3.48	3.48													
125	3.95	3.93	3.95	3.94	3.95													
130	4.49	4.48	4.51	4.50	4.51													
135	5.11	5.10	5.12	5.11	5.12													
140	5.70	5.70	5.70	5.69	5.71													
145	6.16	6.16	6.17	6.16	6.17													
150	6.52	6.52	6.53	6.52	6.53													
155	6.83	6.84	6.84	6.84	6.84													
160	7.12	7.13	7.13	7.13	7.13													
165	7.35	7.36	7.36	7.36	7.36													
170	7.51	7.53	7.52	7.53	7.52													
175	7.59	7.61	7.61	7.62	7.60													
180	7.65	7.65	7.66	7.67	7.66													

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: