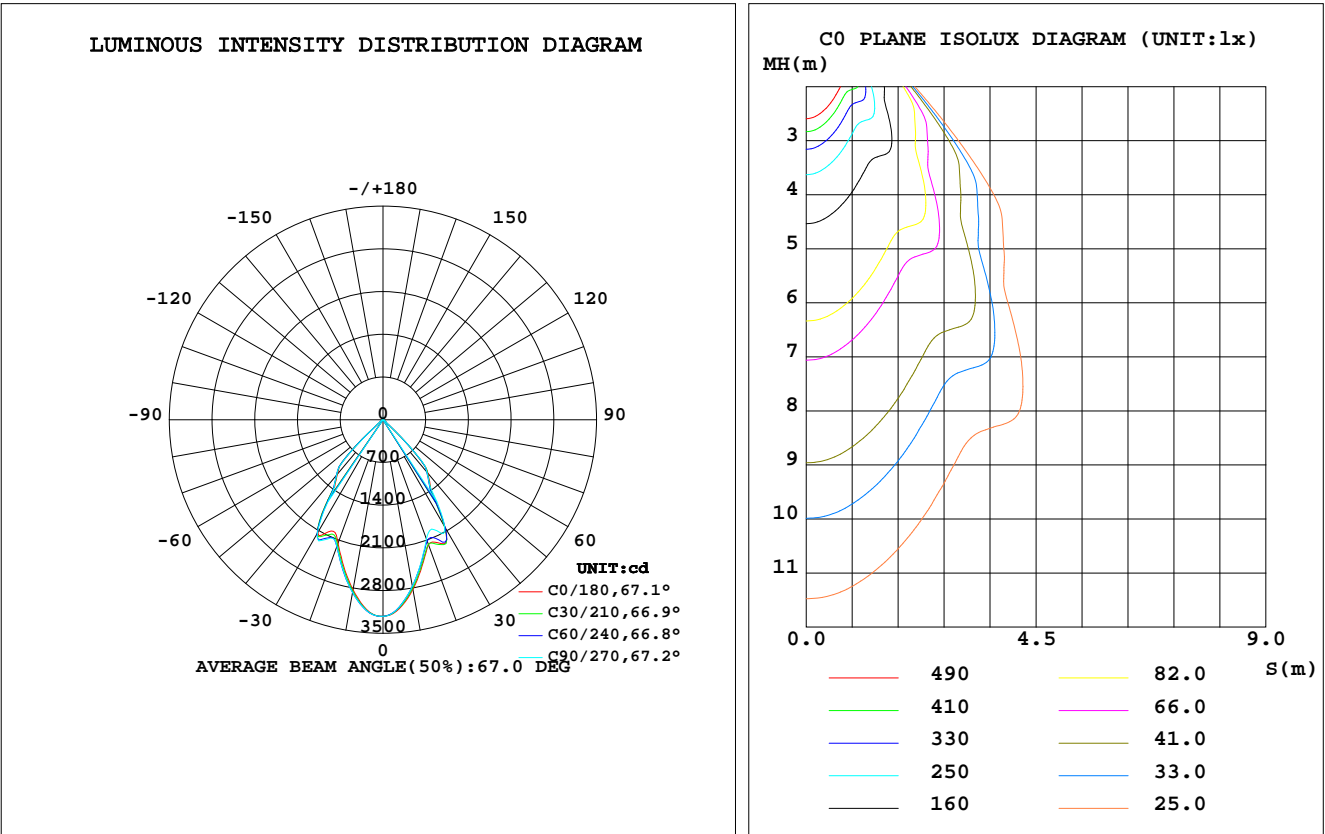


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 91.73 lm/W
MODEL	BL07-40W-850-W-60	Imax(cd)	3223	S/MH(C0/180)	0.96	
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	0.80	
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	3595.8	η UP,DN(C0-180)	1.4,47.7	
NOMINAL FLUX(lm)	3595.82	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,49.6	
LAMPS INSIDE	1	η up(%)	2.7	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	226.6	η down(%)	97.3	CIBSE SHR MAX	1.05	



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-12-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [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	2822	2796	2772	2793	2828	2850	2875	2849	0- 10	287.4	287.4	7.99,7.99
20	2182	2160	2085	2112	2155	2187	2211	2179	10- 20	694.0	981.4	27.3,27.3
30	2028	2044	2023	2092	2138	2150	2152	2103	20- 30	985.4	1967	54.7,54.7
40	1143	1129	1121	1141	1164	1180	1187	1173	30- 40	940.2	2907	80.8,80.8
50	77.58	83.76	77.87	81.44	86.27	86.97	89.30	82.10	40- 50	495.9	3403	94.6,94.6
60	36.77	37.00	36.36	38.43	38.73	38.54	39.09	37.83	50- 60	51.81	3455	96.1,96.1
70	11.19	11.38	11.44	12.17	12.81	12.89	12.98	12.10	60- 70	23.54	3478	96.7,96.7
80	8.851	8.576	8.210	7.926	8.099	8.317	8.723	9.111	70- 80	9.478	3488	97,97
90	6.703	6.613	6.543	7.695	8.449	8.549	8.415	7.133	80- 90	9.259	3497	97.3,97.3
100	8.196	8.295	8.336	7.998	8.703	8.772	8.705	8.917	90-100	8.240	3505	97.5,97.5
110	10.53	11.08	11.35	10.92	11.75	11.90	11.22	11.44	100-110	10.44	3516	97.8,97.8
120	13.40	13.98	14.27	13.49	14.56	14.71	14.21	14.14	110-120	12.54	3528	98.1,98.1
130	17.10	17.84	17.87	16.77	17.82	18.05	17.83	17.56	120-130	14.13	3542	98.5,98.5
140	21.35	22.29	21.88	20.53	21.21	21.85	21.77	21.58	130-140	15.10	3557	98.9,98.9
150	26.00	26.37	25.17	23.73	23.98	24.95	25.61	25.87	140-150	14.70	3572	99.3,99.3
160	30.23	29.46	27.81	26.12	25.96	27.23	28.72	28.90	150-160	12.29	3584	99.7,99.7
170	34.67	32.96	30.71	28.78	28.96	30.10	32.35	34.02	160-170	8.410	3593	99.9,99.9
180	29.98	29.36	29.37	29.81	30.12	29.28	29.43	29.74	170-180	2.965	3596	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

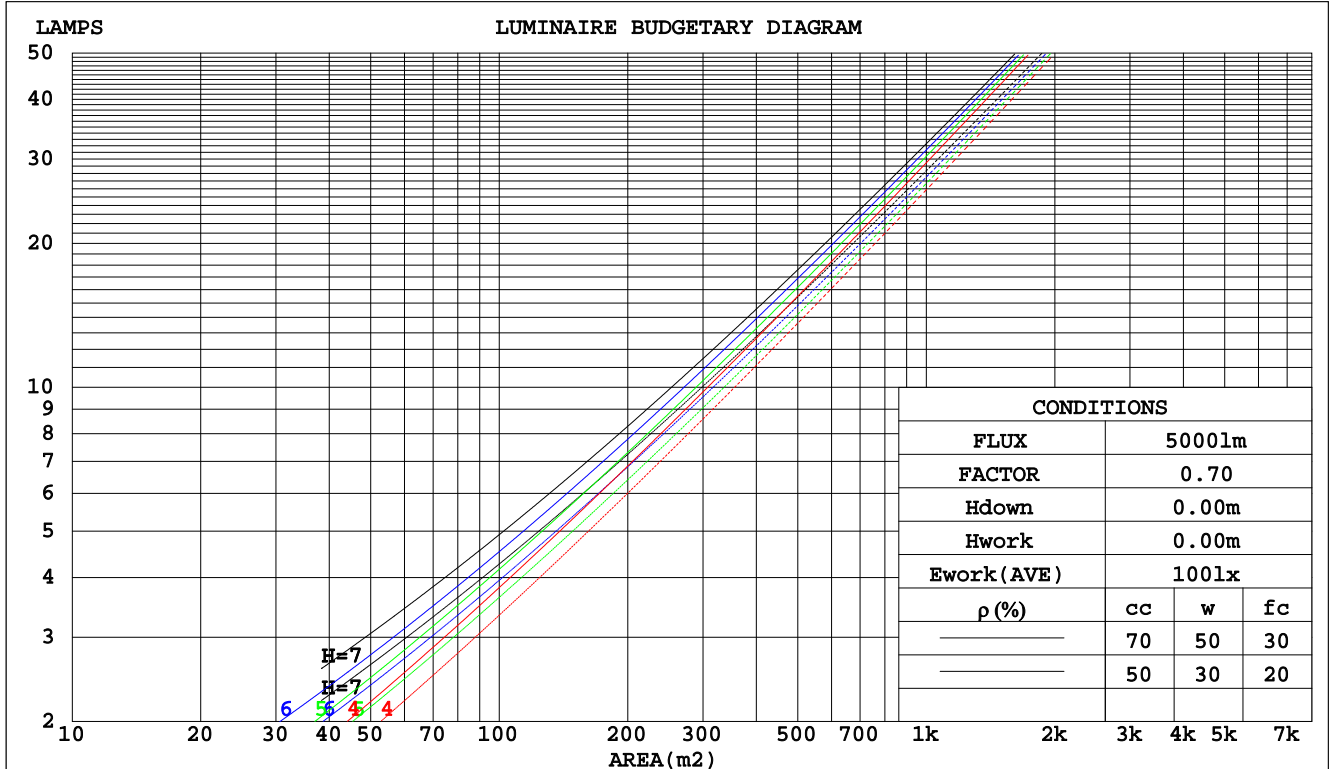
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-12-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [K=1.0000]  
Remarks:

### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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	1.09	1.06	1.04	1.07	1.04	1.02	1.02	1.00	.98	.98	.96	.95	.94	.93	.92	.90
2.0	1.00	.96	.92	.98	.94	.91	.95	.91	.88	.91	.88	.86	.88	.86	.84	.82
3.0	.92	.87	.82	.91	.86	.82	.88	.83	.80	.85	.81	.78	.82	.79	.77	.75
4.0	.85	.79	.74	.84	.78	.74	.81	.77	.73	.79	.75	.72	.77	.73	.70	.69
5.0	.79	.72	.68	.78	.72	.67	.76	.70	.66	.74	.69	.65	.72	.68	.65	.63
6.0	.73	.67	.62	.72	.66	.61	.70	.65	.61	.69	.64	.60	.67	.63	.60	.58
7.0	.68	.61	.57	.67	.61	.56	.66	.60	.56	.64	.59	.55	.63	.58	.55	.53
8.0	.63	.57	.52	.63	.56	.52	.61	.56	.52	.60	.55	.51	.59	.54	.51	.49
9.0	.59	.53	.48	.59	.52	.48	.57	.52	.48	.56	.51	.48	.55	.51	.47	.46
10.0	.55	.49	.45	.55	.49	.45	.54	.48	.44	.53	.48	.44	.52	.47	.44	.43



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-12-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

# WEC AND CCEC

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	.198 .113 .036	.190 .109 .034	.176 .101 .032	.163 .094 .030	.151 .087 .028	
2.0	.190 .104 .032	.184 .101 .031	.172 .095 .030	.160 .090 .028	.150 .085 .027	
3.0	.182 .097 .029	.176 .094 .028	.166 .090 .027	.156 .085 .026	.147 .081 .025	
4.0	.173 .090 .026	.168 .088 .026	.159 .084 .025	.150 .081 .024	.142 .077 .024	
5.0	.165 .084 .024	.161 .083 .024	.153 .079 .023	.145 .076 .023	.138 .074 .022	
6.0	.158 .079 .023	.154 .078 .022	.146 .075 .022	.139 .072 .021	.133 .070 .021	
7.0	.150 .074 .021	.147 .073 .021	.140 .071 .020	.134 .069 .020	.128 .067 .020	
8.0	.144 .070 .020	.140 .069 .020	.134 .067 .019	.129 .065 .019	.124 .063 .018	
9.0	.137 .066 .019	.134 .065 .018	.129 .064 .018	.124 .062 .018	.119 .060 .017	
10.0	.131 .063 .017	.129 .062 .017	.124 .061 .017	.119 .059 .017	.115 .058 .017	

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	.211 .211 .211	.181 .181 .181	.123 .123 .123	.071 .071 .071	.023 .023 .023	
1.0	.194 .178 .164	.166 .153 .141	.113 .105 .098	.065 .061 .057	.021 .020 .018	
2.0	.180 .154 .132	.154 .132 .114	.106 .092 .079	.061 .053 .046	.020 .017 .015	
3.0	.169 .135 .108	.145 .117 .094	.099 .081 .066	.057 .047 .039	.018 .015 .013	
4.0	.160 .121 .091	.137 .104 .079	.094 .073 .056	.054 .043 .033	.018 .014 .011	
5.0	.152 .110 .078	.130 .095 .068	.090 .066 .048	.052 .039 .029	.017 .013 .009	
6.0	.145 .101 .069	.125 .087 .060	.086 .061 .042	.050 .036 .025	.016 .012 .008	
7.0	.139 .093 .061	.119 .081 .054	.082 .057 .038	.048 .033 .023	.015 .011 .007	
8.0	.133 .087 .056	.115 .076 .049	.079 .053 .034	.046 .031 .021	.015 .010 .007	
9.0	.128 .082 .051	.111 .071 .045	.077 .050 .032	.045 .030 .019	.014 .010 .006	
10.0	.124 .078 .048	.107 .068 .042	.074 .048 .030	.043 .028 .018	.014 .009 .006	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-12-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [K=1.0000]  
Remarks:

### Uncorrected UGR Table

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	22.4	23.4	22.6	23.6	23.9	22.4	23.4	22.6	23.6	23.9	
	3H	22.2	23.2	22.5	23.4	23.7	22.2	23.2	22.5	23.4	23.7
	4H	22.1	23.0	22.4	23.3	23.6	22.1	23.0	22.4	23.3	23.6
	6H	22.0	22.9	22.4	23.2	23.5	22.0	22.9	22.4	23.2	23.5
	8H	22.0	22.8	22.3	23.1	23.4	22.0	22.8	22.3	23.1	23.4
	12H	22.0	22.7	22.3	23.1	23.4	22.0	22.7	22.3	23.0	23.4
4H	2H	22.1	23.0	22.4	23.3	23.6	22.1	23.0	22.4	23.3	23.6
	3H	21.9	22.7	22.3	23.0	23.4	21.9	22.7	22.3	23.0	23.4
	4H	21.8	22.5	22.2	22.9	23.3	21.8	22.5	22.2	22.9	23.3
	6H	21.8	22.4	22.2	22.8	23.2	21.8	22.4	22.2	22.8	23.2
	8H	21.7	22.3	22.2	22.7	23.1	21.7	22.3	22.2	22.7	23.1
	12H	21.7	22.2	22.2	22.7	23.1	21.7	22.2	22.2	22.6	23.1
8H	4H	21.7	22.3	22.1	22.7	23.1	21.7	22.3	22.1	22.7	23.1
	6H	21.6	22.1	22.1	22.5	23.0	21.6	22.1	22.1	22.5	23.0
	8H	21.6	22.0	22.1	22.5	23.0	21.6	22.0	22.1	22.5	23.0
	12H	21.6	22.0	22.1	22.5	23.0	21.6	22.0	22.1	22.5	23.0
12H	4H	21.6	22.2	22.1	22.6	23.0	21.6	22.2	22.1	22.6	23.0
	6H	21.6	22.0	22.1	22.5	23.0	21.6	22.0	22.1	22.4	22.9
	8H	21.6	21.9	22.1	22.4	22.9	21.6	21.9	22.1	22.4	22.9
Variations with the observer position at spacings:											
S = 1.0H	+ 3.2 / - 9.8					+ 3.3 / - 9.9					
1.5H	+ 3.9 / - 9.5					+ 3.8 / - 9.6					
2.0H	+ 7.9 / - 5.1					+ 8.1 / - 5.5					

CIE Pub.117 Corrected 3596 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.4)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-12-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

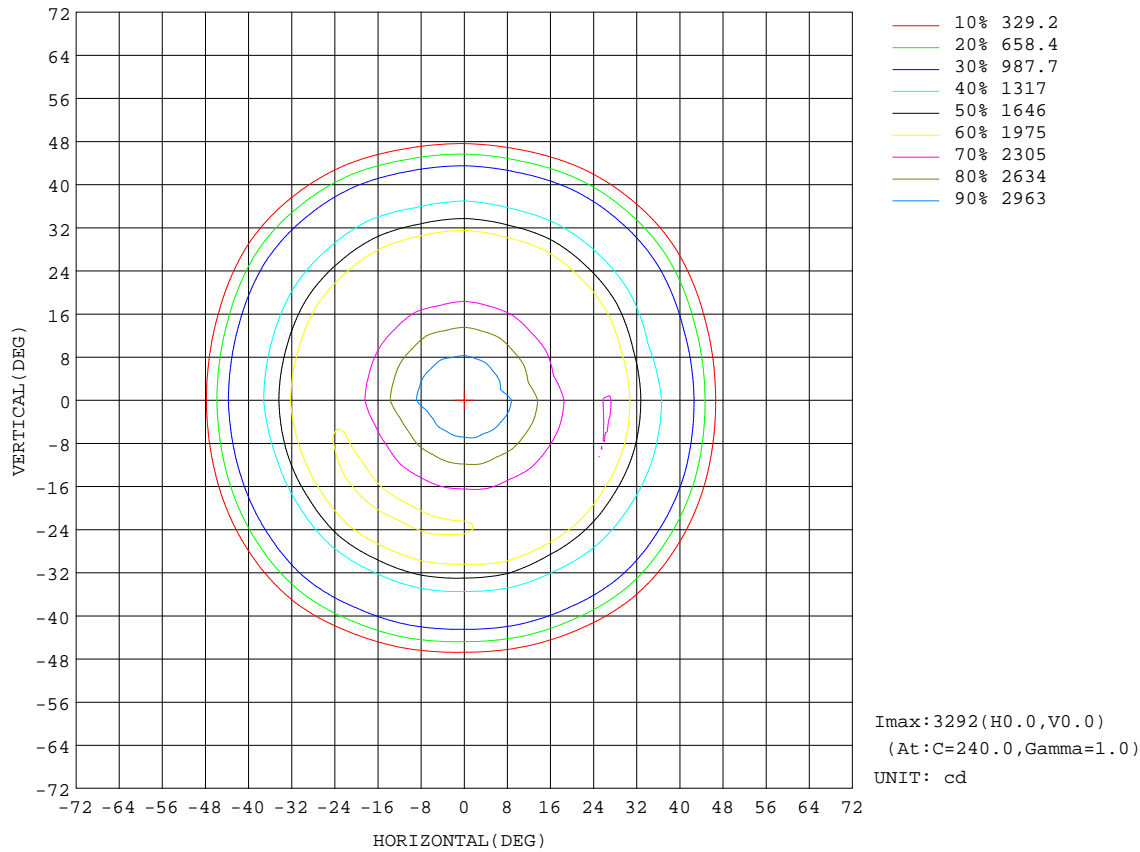
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT)    k(RI) x RCR = 5									
k = 0.60	80	72	67	79	72	67	78	71	67	63
0.80	88	81	76	87	80	76	86	80	76	71
1.00	94	87	83	93	87	82	91	86	82	77
1.25	99	93	88	97	92	88	95	90	87	82
1.50	102	96	92	101	95	92	98	94	90	85
2.00	106	101	97	104	99	96	101	97	94	88
2.50	108	103	100	106	102	98	102	99	96	89
3.00	109	105	102	107	104	101	103	101	98	91
4.00	112	108	106	109	106	104	105	103	101	93
5.00	113	110	108	111	108	106	106	104	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: QiuMing  
Test Date: 2015-12-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



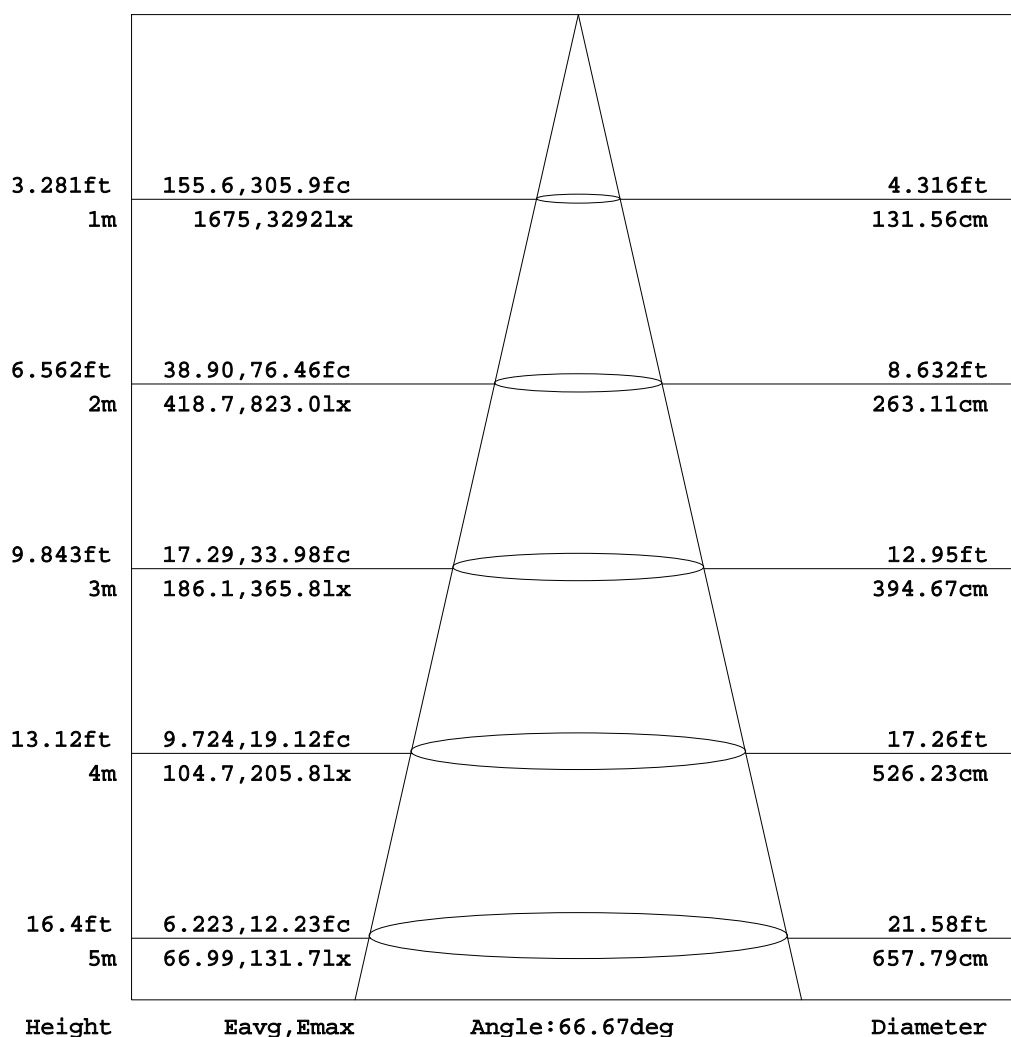
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-12-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

### AAI Figure

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:2394 lm



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

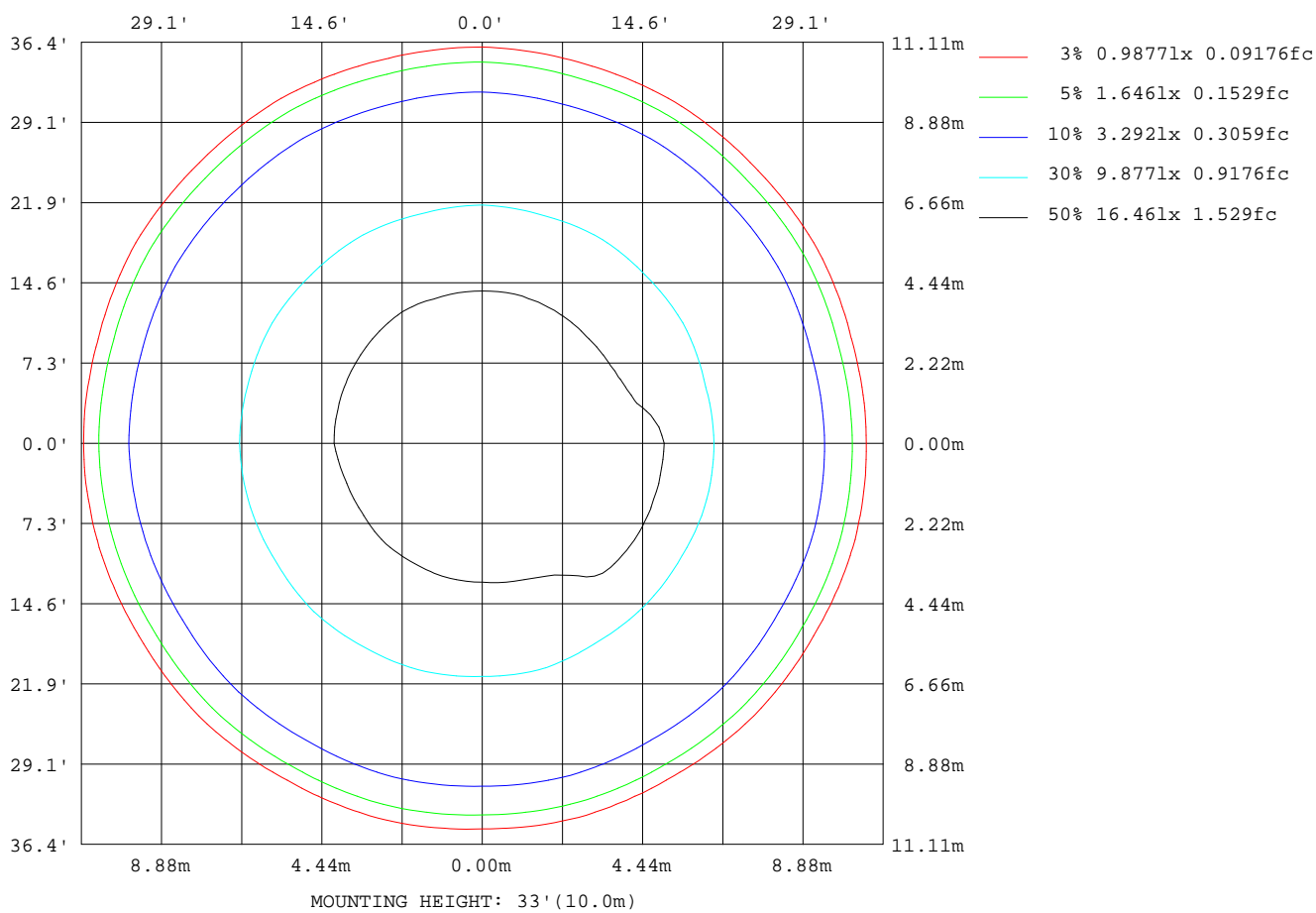
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-12-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:



### ISOLUX DIAGRAM

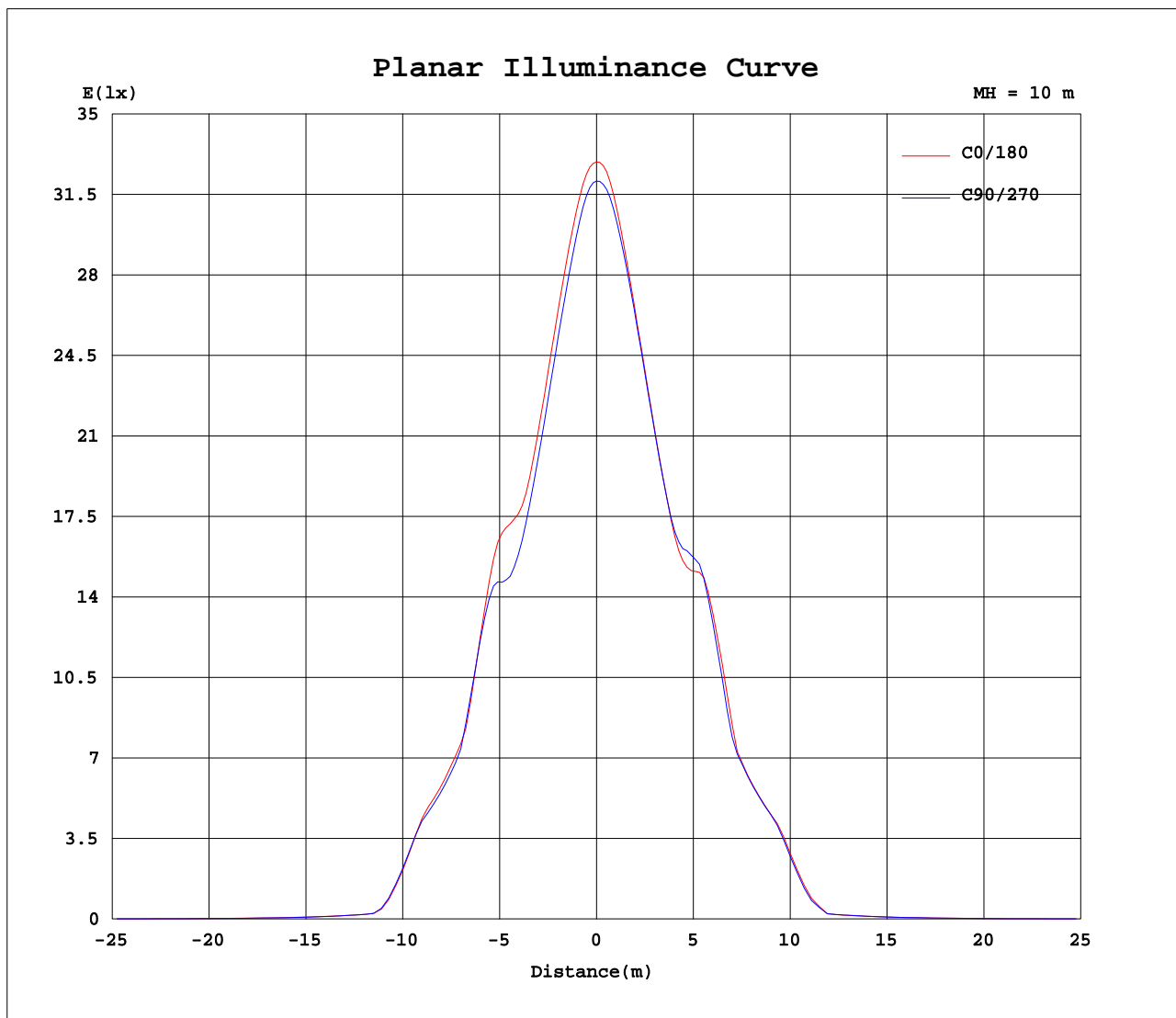
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-12-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-12-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

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	3221	3221	3221	3221	3221	3221	3221	3221	3221	3221	3221	3221	3221	3221	3221	3221	3221	3221	3221
5	3104	3102	3091	3091	3077	3089	3079	3088	3084	3100	3099	3120	3119	3118	3130	3125	3139	3122	3136
10	2822	2820	2802	2796	2772	2787	2772	2778	2773	2793	2793	2827	2828	2830	2851	2850	2874	2855	2875
15	2478	2482	2458	2455	2422	2440	2416	2429	2421	2446	2447	2486	2490	2490	2516	2516	2546	2520	2542
20	2182	2182	2173	2160	2116	2111	2085	2093	2089	2112	2111	2150	2155	2157	2183	2187	2214	2191	2211
25	2238	2242	2259	2222	2173	2073	1989	1977	1989	1974	1967	1992	2012	2055	2077	2119	2136	2147	2160
30	2028	2043	2013	2044	2037	2062	2023	2048	2056	2092	2097	2138	2138	2136	2153	2150	2162	2140	2152
35	1359	1366	1351	1360	1337	1350	1351	1397	1386	1448	1439	1513	1505	1485	1510	1472	1477	1424	1445
40	1143	1146	1131	1129	1116	1130	1121	1125	1124	1141	1142	1160	1164	1166	1180	1180	1191	1179	1187
45	588	605	578	608	589	631	626	677	680	734	734	779	790	783	817	796	813	770	774
50	77.6	79.0	79.7	83.8	80.7	79.1	77.9	80.0	79.7	81.4	81.8	84.5	86.3	85.0	129	87.0	126	87.3	89.3
55	55.1	55.0	54.6	55.0	54.9	55.4	55.5	57.4	56.9	57.6	57.1	57.6	58.0	58.6	60.5	59.4	59.8	59.4	59.9
60	36.8	37.3	36.6	37.0	36.3	36.7	36.4	37.4	37.4	38.4	37.7	38.5	38.7	38.4	39.6	38.5	39.0	38.5	39.1
65	22.4	22.7	22.3	22.8	22.3	22.6	22.5	23.3	23.0	23.5	23.5	23.9	24.1	23.7	24.9	24.2	24.7	24.2	24.4
70	11.2	11.4	10.9	11.4	11.0	11.5	11.4	12.1	11.7	12.2	12.2	12.5	12.8	12.7	13.3	12.9	13.2	13.0	13.0
75	8.94	8.89	8.81	8.69	8.55	8.42	8.30	8.17	8.10	8.03	7.98	7.93	8.12	8.15	8.25	8.37	8.48	8.62	8.76
80	8.85	8.77	8.70	8.58	8.45	8.34	8.21	8.09	8.00	7.93	7.87	7.83	8.10	8.14	8.22	8.32	8.44	8.58	8.72
85	8.95	8.86	8.77	8.63	8.49	8.38	8.26	8.13	8.04	7.95	7.90	7.84	8.22	8.25	8.32	8.42	8.55	8.70	8.86
90	6.70	6.67	6.69	6.61	6.59	6.54	6.54	6.47	6.55	7.69	7.74	7.97	8.45	8.45	8.55	8.55	8.66	8.41	8.42
95	7.35	7.33	7.36	7.31	7.30	7.26	7.22	7.14	7.12	7.05	7.05	7.00	7.60	7.62	7.62	7.66	7.66	7.71	7.73
100	8.20	8.18	8.27	8.30	8.37	8.33	8.34	8.24	8.17	8.00	8.02	7.91	8.70	8.73	8.72	8.77	8.72	8.75	8.70
105	9.28	9.29	9.45	9.70	9.87	9.86	9.91	9.82	9.70	9.46	9.44	9.32	10.3	10.4	10.4	10.4	10.3	10.2	9.92
110	10.5	10.6	10.8	11.1	11.3	11.3	11.4	11.2	11.1	10.9	10.9	10.7	11.7	11.9	11.9	11.9	11.7	11.6	11.2
115	11.9	12.0	12.2	12.4	12.7	12.7	12.7	12.6	12.4	12.1	12.1	12.0	13.1	13.3	13.3	13.3	13.1	12.9	12.6
120	13.4	13.5	13.7	14.0	14.2	14.2	14.3	14.1	13.8	13.5	13.4	13.3	14.6	14.7	14.8	14.7	14.6	14.5	14.2
125	15.1	15.2	15.5	15.8	16.0	16.0	16.0	15.7	15.4	15.0	14.9	14.9	16.1	16.3	16.3	16.1	16.2	16.2	15.9
130	17.1	17.2	17.6	17.8	18.0	18.0	17.9	17.6	17.2	16.8	16.7	16.7	17.8	18.0	18.1	18.0	18.0	18.1	17.8
135	19.2	19.3	19.8	20.0	20.1	20.0	19.9	19.5	19.1	18.6	18.6	18.6	19.5	19.8	19.9	19.9	19.9	20.0	19.7
140	21.4	21.5	22.2	22.3	22.3	22.1	21.9	21.4	20.9	20.5	20.4	20.4	21.2	21.5	21.7	21.9	21.9	22.0	21.8
145	23.7	24.0	24.5	24.5	24.4	24.1	23.7	23.2	22.7	22.3	22.2	22.3	22.8	23.1	23.4	23.7	23.8	23.9	23.7
150	26.0	26.4	26.5	26.4	26.1	25.7	25.2	24.6	24.1	23.7	23.6	23.6	24.0	24.3	24.7	25.0	25.3	25.5	25.6
155	28.1	28.2	28.2	27.9	27.4	27.0	26.4	25.8	25.3	24.9	24.7	24.7	24.9	25.2	25.6	26.1	26.6	26.9	27.2
160	30.2	30.1	30.0	29.5	28.8	28.4	27.8	27.2	26.5	26.1	26.0	25.9	26.0	26.4	26.7	27.2	27.8	28.3	28.7
165	32.7	32.3	32.1	31.4	30.6	30.2	29.5	28.7	27.9	27.5	27.3	27.4	27.4	27.9	28.1	28.6	29.4	29.9	30.6
170	34.7	34.2	33.7	33.0	31.8	31.8	30.7	29.8	29.1	28.8	28.7	29.3	29.0	29.2	29.5	30.1	31.0	31.5	32.3
175	33.4	32.8	32.0	31.2	30.2	30.1	29.6	29.2	29.0	29.1	28.9	29.2	28.8	28.7	28.9	29.3	30.0	30.4	31.3
180	30.0	29.8	29.5	29.4	29.2	29.3	29.4	29.5	29.6	29.8	29.9	30.0	30.1	29.7	29.6	29.3	29.3	29.3	29.4

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-12-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

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	3221	3221	3221	3221	3221														
5	3128	3136	3120	3127	3102														
10	2864	2873	2849	2855	2822														
15	2530	2537	2509	2519	2476														
20	2197	2204	2179	2189	2172														
25	2155	2165	2175	2191	2211														
30	2112	2138	2103	2099	2053														
35	1416	1428	1393	1387	1355														
40	1176	1183	1173	1176	1146														
45	721	716	657	652	593														
50	86.3	85.3	82.1	81.1	78.0														
55	58.2	57.9	56.4	55.9	55.3														
60	38.1	38.8	37.8	37.7	37.0														
65	23.7	24.1	23.5	23.4	22.8														
70	12.4	12.4	12.1	12.2	11.7														
75	8.90	9.06	9.16	9.21	9.16														
80	8.87	9.00	9.11	9.17	9.15														
85	9.03	9.17	9.29	9.34	9.34														
90	7.15	7.08	7.13	7.13	7.14														
95	7.81	7.83	7.91	7.92	7.93														
100	8.78	8.81	8.92	8.91	8.94														
105	9.97	9.94	10.2	10.1	10.2														
110	11.3	11.2	11.4	11.4	11.5														
115	12.6	12.5	12.7	12.8	12.9														
120	14.2	14.0	14.1	14.2	14.3														
125	15.8	15.7	15.7	15.8	16.0														
130	17.7	17.6	17.6	17.6	17.8														
135	19.6	19.5	19.5	19.5	19.7														
140	21.6	21.6	21.6	21.6	21.7														
145	23.5	23.6	23.9	23.9	23.9														
150	25.4	25.6	25.9	26.1	26.0														
155	27.3	26.9	27.5	27.8	27.9														
160	29.1	29.2	28.9	29.6	29.6														
165	31.1	31.5	31.7	31.4	31.2														
170	33.3	33.9	34.0	34.1	33.0														
175	32.0	32.9	33.2	33.5	32.5														
180	29.5	29.7	29.7	30.0	29.9														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-12-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks: