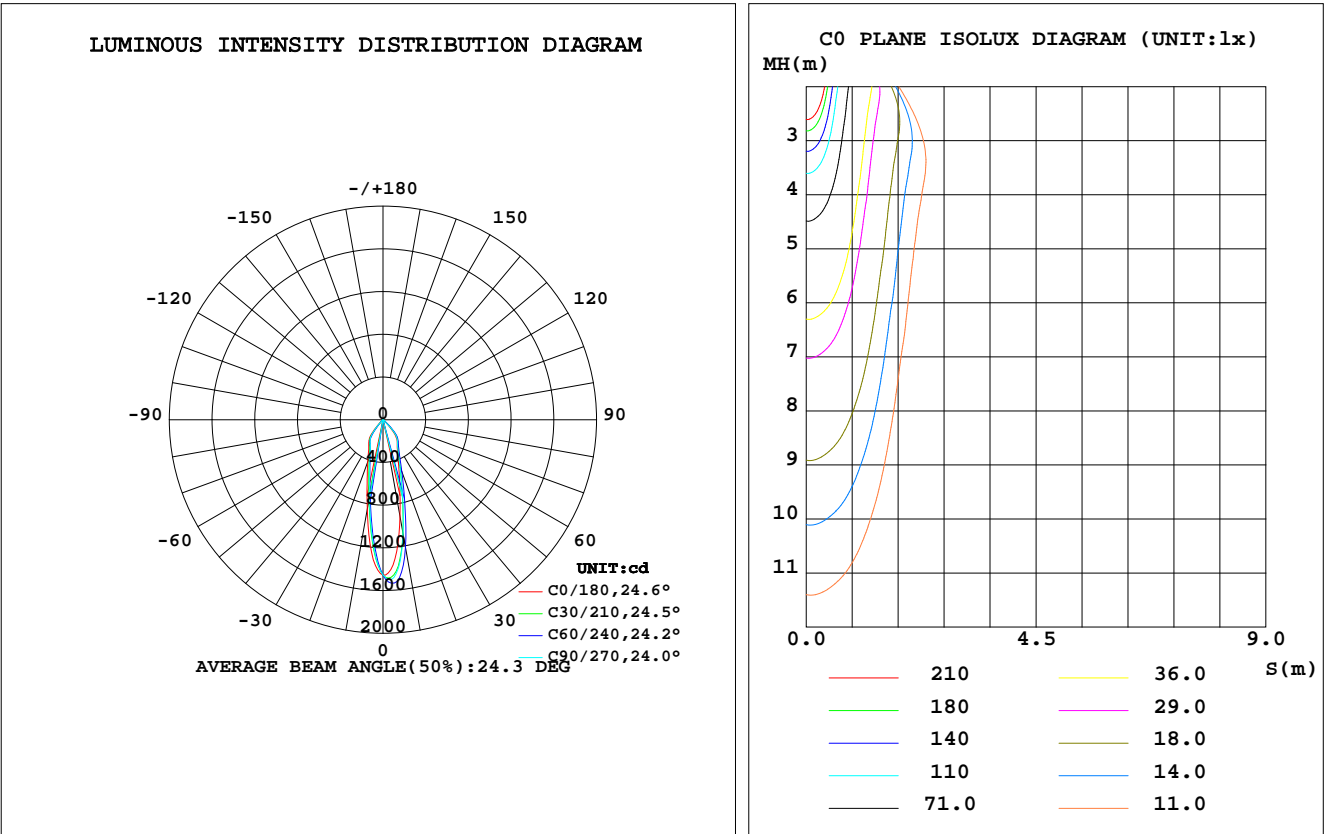


LUMINAIRE PHOTOMETRIC TEST REPORT

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

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 83.85 lm/W
MODEL	M011-8W-840-S-28	Imax(cd)	1558	S/MH(C0/180)	0.43	
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.49	
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	653.17	η UP,DN(C0-180)	1.1,56.0	
NOMINAL FLUX(lm)	653.175	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,41.6	
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	226.6	η down(%)	97.6	CIBSE SHR MAX	0.50	



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-11-18

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	917.4	1177	1085	1052	852.7	716.1	732.7	732.6	0- 10	110.0	110.0	16.8,16.8
20	423.3	504.4	464.8	474.5	417.4	357.8	356.9	354.7	10- 20	169.4	279.4	42.8,42.8
30	267.1	289.6	273.6	278.7	267.6	247.7	241.4	242.0	20- 30	148.8	428.2	65.6,65.6
40	158.9	202.6	185.6	187.2	144.2	92.92	107.2	105.4	30- 40	133.8	562.1	86.1,86.1
50	21.43	26.69	24.53	23.71	18.66	16.13	16.17	16.57	40- 50	50.21	612.3	93.7,93.7
60	10.72	12.54	11.30	11.05	9.492	8.210	8.469	8.601	50- 60	12.86	625.1	95.7,95.7
70	5.689	7.112	5.572	6.374	4.972	5.238	4.333	5.634	60- 70	7.477	632.6	96.9,96.9
80	1.352	1.967	1.343	1.651	1.382	1.490	1.349	1.411	70- 80	3.351	636.0	97.4,97.4
90	1.116	1.150	1.130	1.154	1.246	1.279	1.225	1.220	80- 90	1.437	637.4	97.6,97.6
100	1.163	1.139	1.094	1.101	1.461	1.516	1.457	1.444	90-100	1.330	638.7	97.8,97.8
110	1.508	1.417	1.363	1.374	1.785	1.862	1.780	1.771	100-110	1.514	640.3	98,98
120	2.008	1.878	1.815	1.815	2.246	2.374	2.262	2.249	110-120	1.807	642.1	98.3,98.3
130	2.771	2.556	2.489	2.486	2.994	3.193	3.033	2.996	120-130	2.159	644.2	98.6,98.6
140	3.730	3.518	3.420	3.424	3.877	4.031	3.854	3.812	130-140	2.511	646.7	99,99
150	4.403	4.293	4.130	4.122	4.483	4.539	4.358	4.309	140-150	2.526	649.3	99.4,99.4
160	4.802	4.718	4.543	4.537	4.868	4.895	4.698	4.655	150-160	2.079	651.3	99.7,99.7
170	5.076	5.072	4.861	4.847	5.130	5.070	4.876	4.813	160-170	1.367	652.7	99.9,99.9
180	5.241	5.216	4.983	4.932	5.238	5.195	4.985	4.930	170-180	0.4749	653.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

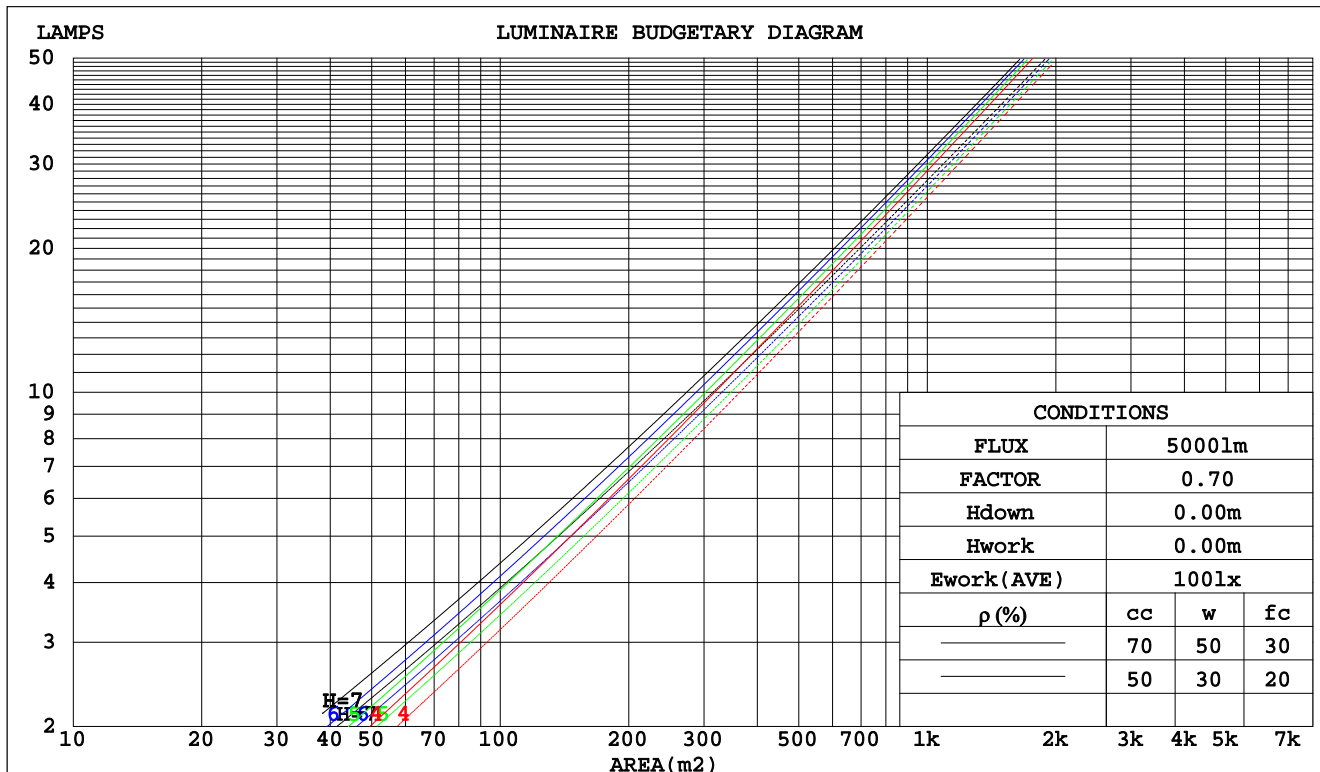
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-11-18

$\gamma$  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:

## 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	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	1.10	1.07	1.05	1.07	1.05	1.03	1.03	1.01	.00	.99	.97	.96	.95	.94	.93	.91
2.0	1.02	.98	.94	1.00	.96	.93	.96	.93	.91	.93	.91	.89	.90	.88	.86	.85
3.0	.95	.90	.86	.94	.89	.85	.91	.87	.84	.88	.85	.82	.85	.83	.80	.79
4.0	.89	.83	.79	.88	.82	.78	.85	.81	.77	.83	.79	.76	.81	.78	.75	.73
5.0	.83	.77	.73	.82	.77	.73	.80	.75	.72	.78	.74	.71	.76	.73	.70	.69
6.0	.78	.72	.68	.77	.72	.68	.76	.71	.67	.74	.70	.67	.73	.69	.66	.64
7.0	.74	.68	.64	.73	.68	.64	.72	.67	.63	.70	.66	.63	.69	.65	.62	.61
8.0	.70	.64	.60	.69	.64	.60	.68	.63	.59	.67	.62	.59	.66	.62	.59	.57
9.0	.66	.60	.57	.66	.60	.56	.65	.60	.56	.64	.59	.56	.63	.58	.55	.54
10.0	.63	.57	.54	.63	.57	.53	.62	.57	.53	.61	.56	.53	.60	.56	.53	.51



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-11-18

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	.183 .104 .033	.176 .100 .032	.162 .093 .030	.149 .086 .028	.137 .080 .026	
2.0	.175 .096 .029	.168 .093 .029	.156 .087 .027	.145 .082 .026	.135 .077 .024	
3.0	.165 .088 .026	.160 .086 .026	.150 .081 .025	.140 .077 .024	.131 .073 .023	
4.0	.157 .081 .024	.152 .080 .024	.143 .076 .023	.135 .072 .022	.127 .069 .021	
5.0	.149 .076 .022	.144 .074 .022	.137 .071 .021	.129 .068 .020	.122 .065 .020	
6.0	.141 .071 .020	.138 .069 .020	.131 .067 .019	.124 .064 .019	.118 .062 .018	
7.0	.134 .066 .019	.131 .065 .019	.125 .063 .018	.119 .061 .018	.114 .059 .017	
8.0	.128 .063 .018	.125 .062 .017	.119 .060 .017	.114 .058 .017	.109 .056 .016	
9.0	.122 .059 .017	.120 .058 .016	.115 .057 .016	.110 .055 .016	.105 .053 .015	
10.0	.117 .056 .016	.114 .055 .015	.110 .054 .015	.106 .052 .015	.101 .051 .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	.190 .176 .163	.163 .151 .140	.111 .104 .097	.064 .060 .056	.021 .019 .018	
2.0	.175 .151 .131	.150 .130 .113	.103 .090 .079	.059 .052 .046	.019 .017 .015	
3.0	.163 .132 .108	.140 .114 .094	.096 .079 .066	.055 .046 .039	.018 .015 .013	
4.0	.153 .118 .091	.131 .102 .079	.090 .071 .056	.052 .042 .033	.017 .014 .011	
5.0	.144 .106 .078	.124 .092 .068	.085 .064 .048	.049 .038 .029	.016 .012 .009	
6.0	.137 .097 .069	.117 .084 .060	.081 .059 .042	.047 .035 .025	.015 .011 .008	
7.0	.130 .089 .061	.112 .078 .053	.077 .054 .038	.045 .032 .022	.015 .010 .007	
8.0	.124 .083 .055	.107 .072 .048	.074 .051 .034	.043 .030 .020	.014 .010 .007	
9.0	.119 .078 .050	.103 .068 .044	.071 .048 .031	.041 .028 .019	.013 .009 .006	
10.0	.114 .074 .047	.098 .064 .041	.068 .045 .029	.040 .027 .017	.013 .009 .006	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-11-18

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	2H	23.6	24.6	23.9	24.8	25.0	24.5	25.4	24.8	25.6	25.9
	3H	23.6	24.5	23.9	24.7	24.9	24.4	25.3	24.7	25.5	25.8
	4H	23.6	24.4	23.9	24.6	24.9	24.4	25.2	24.7	25.5	25.7
	6H	23.5	24.2	23.8	24.5	24.8	24.3	25.1	24.7	25.4	25.7
	8H	23.4	24.2	23.8	24.5	24.8	24.3	25.0	24.6	25.3	25.6
	12H	23.4	24.1	23.8	24.4	24.8	24.2	24.9	24.6	25.3	25.6
4H	2H	23.5	24.3	23.8	24.5	24.8	24.3	25.1	24.6	25.4	25.6
	3H	23.5	24.2	23.8	24.5	24.8	24.3	25.0	24.6	25.3	25.6
	4H	23.5	24.1	23.9	24.4	24.8	24.3	24.9	24.7	25.2	25.6
	6H	23.4	24.0	23.8	24.3	24.7	24.2	24.8	24.6	25.1	25.5
	8H	23.4	23.9	23.8	24.3	24.7	24.2	24.7	24.6	25.1	25.5
	12H	23.4	23.8	23.8	24.2	24.7	24.1	24.6	24.6	25.0	25.5
8H	4H	23.4	23.9	23.8	24.3	24.7	24.2	24.7	24.6	25.1	25.5
	6H	23.3	23.8	23.8	24.2	24.7	24.1	24.5	24.6	25.0	25.4
	8H	23.3	23.7	23.8	24.1	24.6	24.1	24.5	24.6	24.9	25.4
	12H	23.3	23.6	23.8	24.1	24.6	24.1	24.4	24.6	24.9	25.4
12H	4H	23.3	23.8	23.8	24.2	24.7	24.1	24.6	24.6	25.0	25.4
	6H	23.3	23.7	23.8	24.1	24.6	24.1	24.4	24.6	24.9	25.4
	8H	23.3	23.6	23.8	24.1	24.6	24.0	24.4	24.5	24.8	25.4
Variations with the observer position at spacings:											
S = 1.0H		+ 2.4 / - 6.3					+ 2.5 / - 6.4				
1.5H		+ 4.2 / - 5.6					+ 3.7 / - 6.1				
2.0H		+ 4.1 / - 2.0					+ 6.0 / - 3.5				

CIE Pub.117 Corrected 653.2 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.5)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-11-18

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:

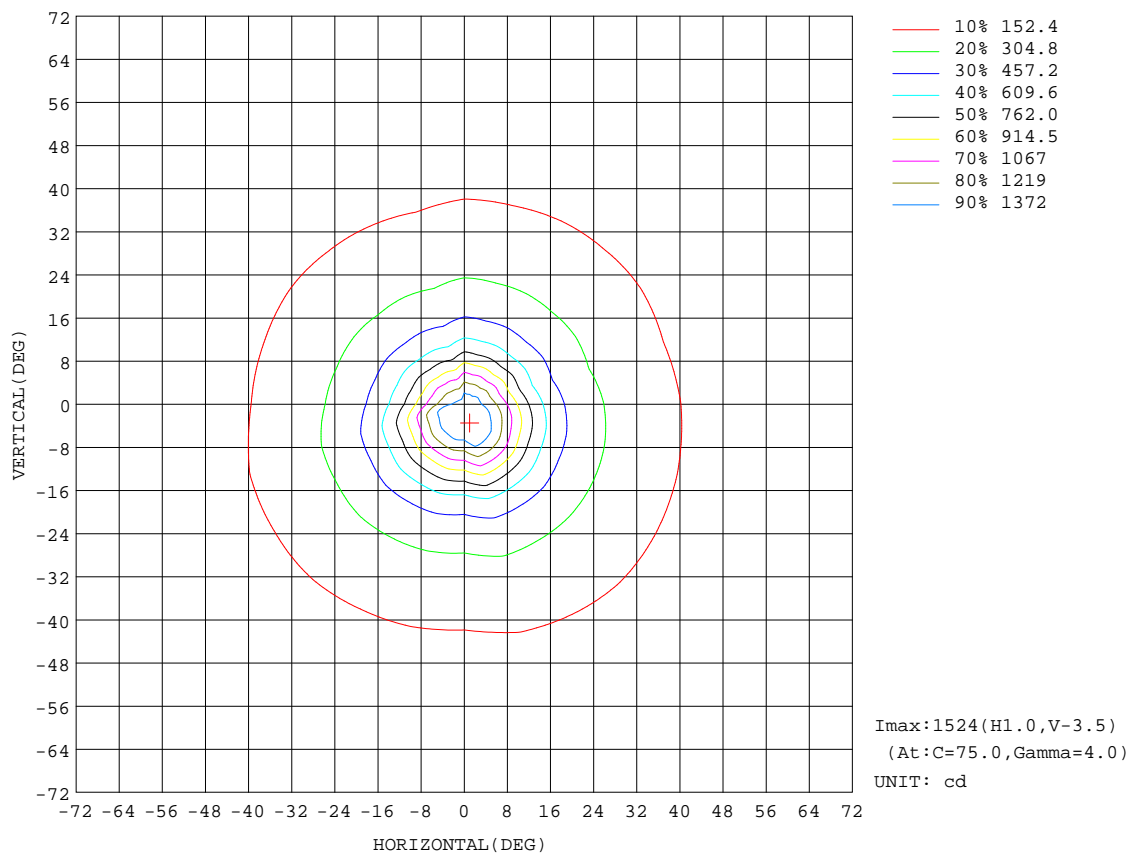
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	82	76	72	81	75	71	67
0.80	91	84	80	90	84	80	88	83	79	75
1.00	96	90	85	95	89	85	93	89	84	80
1.25	100	94	91	99	94	90	97	92	89	84
1.50	103	98	94	102	97	94	99	95	92	87
2.00	106	102	98	105	101	97	102	98	96	90
2.50	108	104	101	106	103	100	103	100	98	91
3.00	110	106	103	108	105	102	104	102	99	92
4.00	112	109	107	110	107	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	104	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: QiuMing  
Test Date: 2015-11-18

$\gamma$  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:



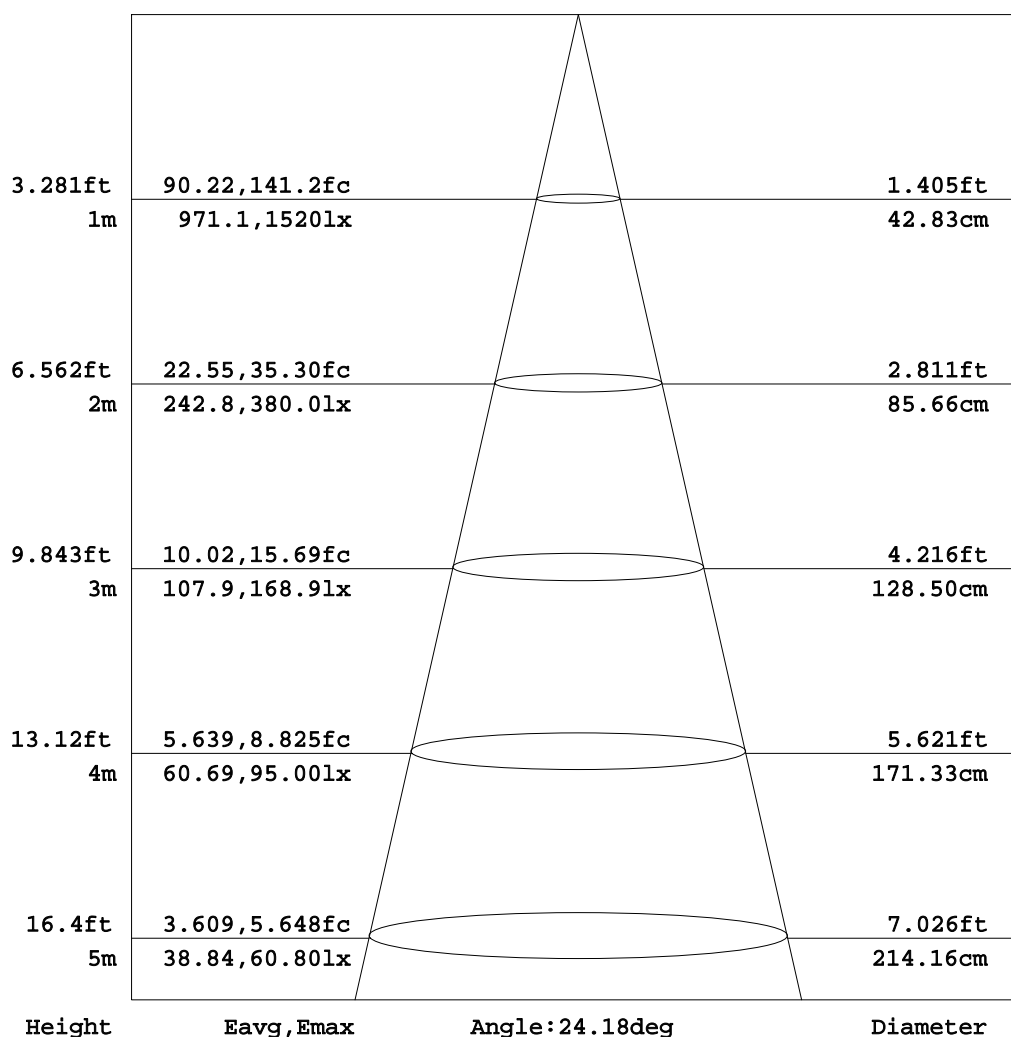
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-11-18

$\gamma$  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:162.6 lm



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

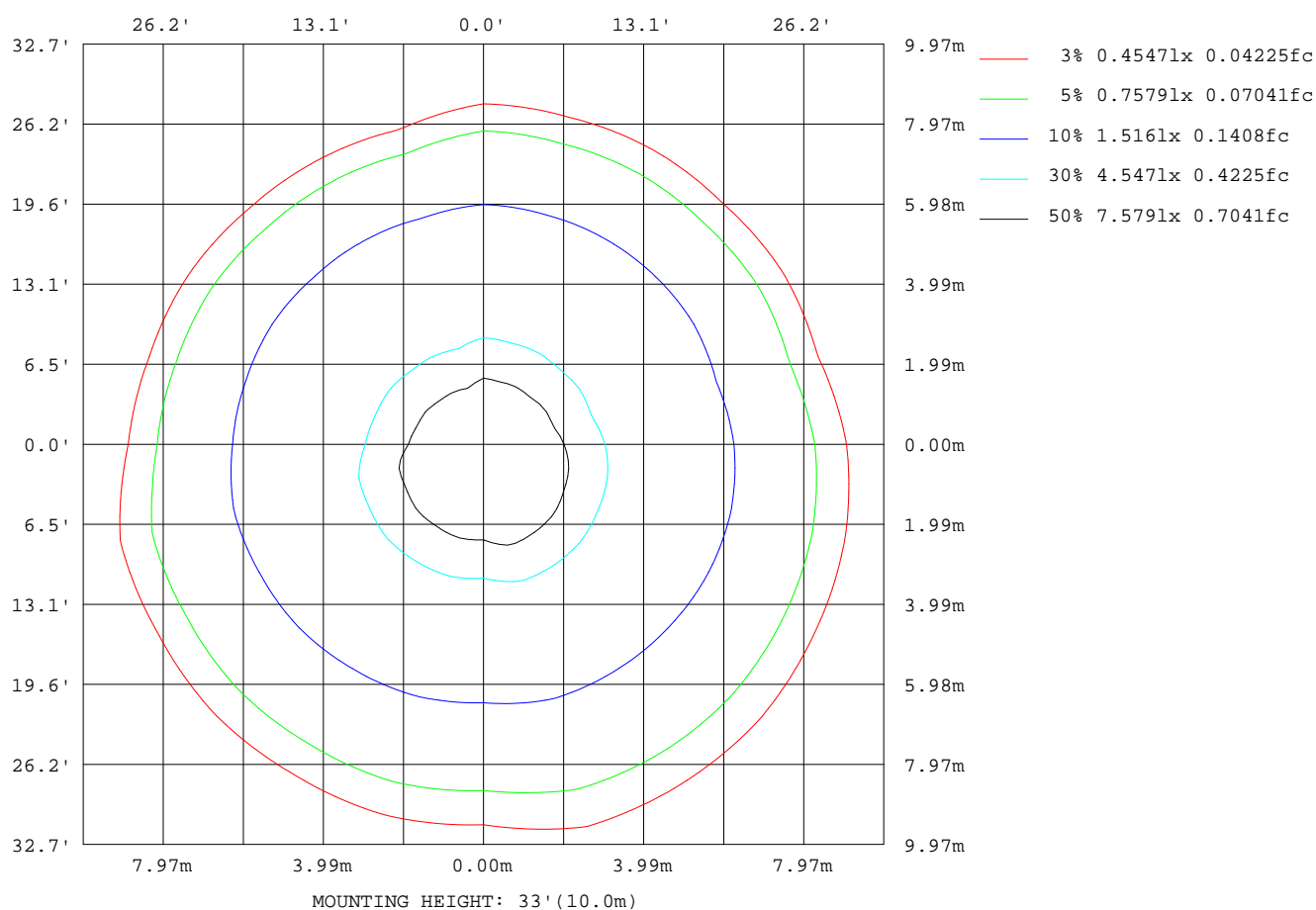
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-11-18

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

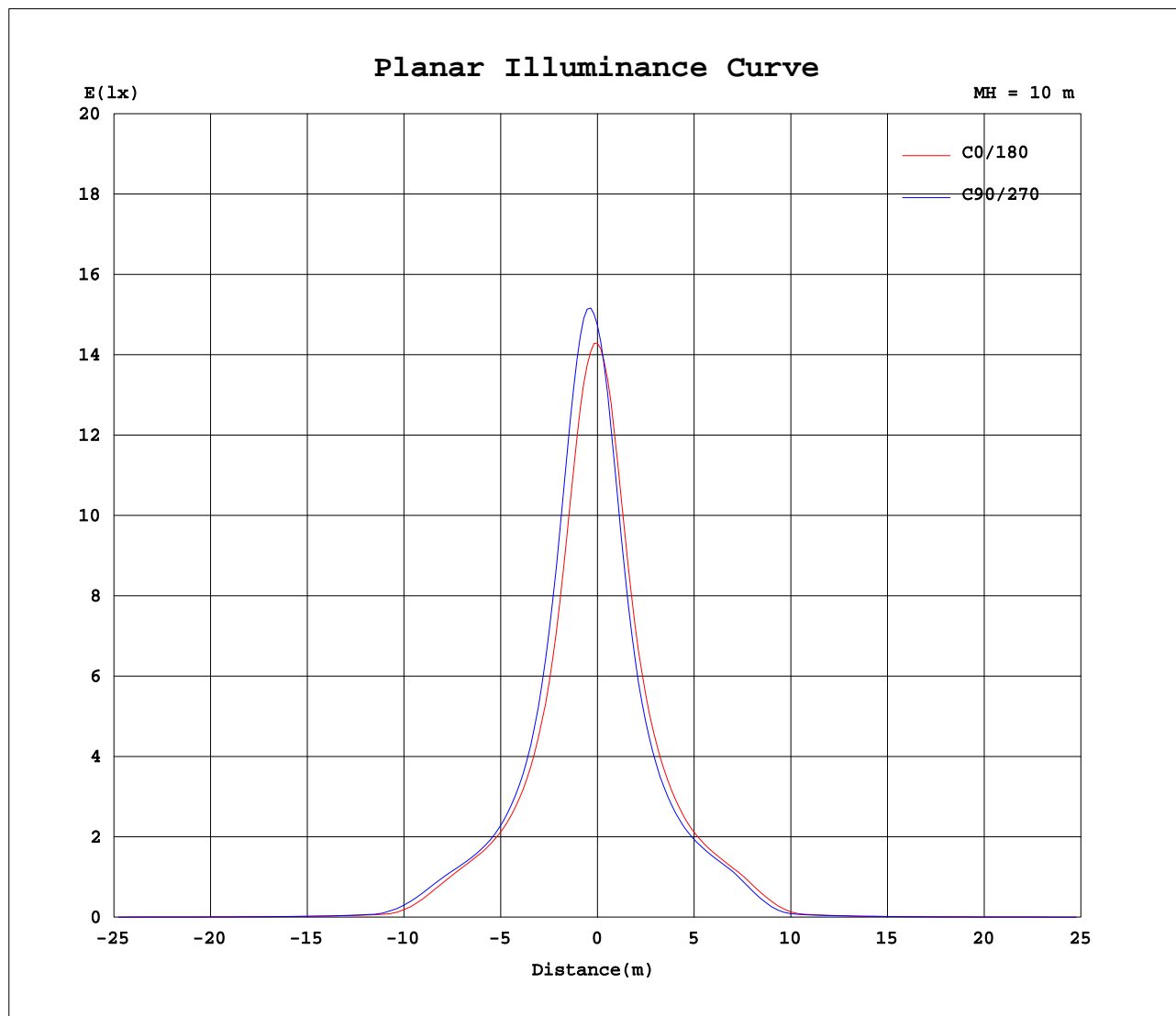
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-11-18

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: 2015-11-18

$\gamma$  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	1454	1454	1454	1454	1454	1454	1454	1454	1454	1454	1454	1454	1454	1454	1454	1454	1454	1454	1454
5	1306	1383	1425	1491	1520	1547	1444	1449	1417	1411	1357	1350	1241	1179	1150	1102	1087	1061	1128
10	917	1011	1077	1177	1216	1251	1085	1097	1061	1052	981	967	853	787	761	716	700	679	733
15	600	660	694	760	783	822	704	719	694	691	643	634	575	539	517	490	478	464	491
20	423	456	472	504	514	531	465	481	473	475	449	445	417	390	376	358	352	345	357
25	323	340	349	367	368	380	341	350	347	350	335	335	321	305	295	287	283	279	282
30	267	280	283	290	292	299	274	279	276	279	271	270	268	259	254	248	243	242	241
35	228	239	243	248	248	252	236	240	236	238	232	232	227	218	212	200	193	189	204
40	159	179	189	203	206	209	186	193	186	187	178	178	144	123	110	92.9	83.4	76.9	107
45	54.9	73.1	86.9	106	113	120	84.4	89.8	84.5	86.0	73.9	72.8	38.6	28.2	25.4	24.2	23.4	22.2	24.8
50	21.4	23.2	24.7	26.7	28.0	30.2	24.5	24.7	23.9	23.7	21.8	21.0	18.7	17.3	16.9	16.1	15.7	15.2	16.2
55	14.8	16.0	16.7	18.0	18.4	18.9	16.2	16.3	15.8	15.7	14.6	14.3	13.1	12.2	11.8	11.4	11.1	10.8	11.6
60	10.7	11.5	11.8	12.5	12.7	13.0	11.3	11.5	11.1	11.1	10.5	10.3	9.49	8.81	8.49	8.21	8.09	8.02	8.47
65	7.69	8.26	8.71	9.05	9.00	8.87	7.74	7.98	8.03	8.03	7.62	7.32	6.88	6.66	6.71	6.62	6.53	6.30	6.43
70	5.69	6.17	6.63	7.11	6.57	6.29	5.57	5.80	5.99	6.37	5.76	5.40	4.97	4.84	5.06	5.24	4.86	4.31	4.33
75	2.64	3.20	4.47	4.97	4.59	4.07	2.87	3.48	4.06	4.29	3.71	2.49	2.19	2.18	2.42	2.54	2.27	1.85	1.72
80	1.35	1.37	1.53	1.97	1.76	1.47	1.34	1.39	1.52	1.65	1.40	1.29	1.38	1.44	1.44	1.49	1.47	1.49	1.35
85	1.32	1.31	1.31	1.31	1.34	1.28	1.28	1.27	1.29	1.31	1.31	1.25	1.38	1.41	1.39	1.42	1.43	1.42	1.31
90	1.12	1.11	1.14	1.15	1.21	1.16	1.13	1.12	1.11	1.15	1.14	1.05	1.25	1.25	1.26	1.28	1.29	1.28	1.22
95	1.11	1.11	1.10	1.10	1.10	1.10	1.06	1.06	1.06	1.06	1.06	1.05	1.34	1.34	1.37	1.38	1.39	1.40	1.33
100	1.16	1.16	1.12	1.14	1.12	1.12	1.09	1.10	1.09	1.10	1.08	1.10	1.46	1.47	1.50	1.52	1.53	1.53	1.46
105	1.31	1.29	1.24	1.24	1.21	1.21	1.20	1.20	1.18	1.20	1.20	1.21	1.61	1.63	1.65	1.68	1.69	1.70	1.61
110	1.51	1.48	1.43	1.42	1.38	1.38	1.36	1.37	1.35	1.37	1.37	1.39	1.79	1.81	1.84	1.86	1.88	1.89	1.78
115	1.74	1.70	1.65	1.63	1.59	1.59	1.58	1.58	1.56	1.58	1.57	1.59	1.99	2.02	2.05	2.08	2.10	2.12	1.99
120	2.01	1.96	1.90	1.88	1.83	1.83	1.81	1.82	1.80	1.81	1.81	1.83	2.25	2.29	2.33	2.37	2.39	2.42	2.26
125	2.34	2.28	2.21	2.17	2.12	2.11	2.11	2.10	2.09	2.11	2.11	2.13	2.58	2.64	2.69	2.75	2.78	2.80	2.61
130	2.77	2.69	2.60	2.56	2.50	2.48	2.49	2.48	2.46	2.49	2.50	2.52	2.99	3.07	3.12	3.19	3.22	3.25	3.03
135	3.27	3.17	3.08	3.02	2.96	2.94	2.95	2.94	2.93	2.95	2.96	2.99	3.45	3.52	3.57	3.64	3.66	3.69	3.47
140	3.73	3.65	3.56	3.52	3.45	3.44	3.42	3.42	3.40	3.42	3.42	3.45	3.88	3.94	3.97	4.03	4.04	4.07	3.85
145	4.12	4.07	3.99	3.96	3.90	3.89	3.84	3.84	3.81	3.83	3.81	3.84	4.23	4.26	4.29	4.33	4.33	4.34	4.14
150	4.40	4.37	4.30	4.29	4.23	4.23	4.13	4.14	4.10	4.12	4.09	4.12	4.48	4.50	4.51	4.54	4.54	4.54	4.36
155	4.60	4.59	4.51	4.52	4.46	4.46	4.35	4.36	4.32	4.34	4.30	4.32	4.67	4.69	4.69	4.71	4.71	4.71	4.52
160	4.80	4.78	4.71	4.72	4.65	4.67	4.54	4.56	4.51	4.54	4.48	4.50	4.87	4.87	4.88	4.89	4.89	4.88	4.70
165	4.96	4.96	4.89	4.91	4.86	4.87	4.72	4.75	4.69	4.72	4.66	4.67	5.03	5.02	5.02	5.02	5.01	5.00	4.82
170	5.08	5.10	5.04	5.07	5.01	5.03	4.86	4.88	4.82	4.85	4.78	4.79	5.13	5.10	5.09	5.07	5.04	5.02	4.88
175	5.15	5.18	5.13	5.16	5.11	5.13	4.93	4.95	4.89	4.90	4.81	4.83	5.19	5.14	5.12	5.10	5.06	5.03	4.90
180	5.24	5.25	5.20	5.22	5.17	5.17	4.98	4.99	4.93	4.93	4.85	4.86	5.24	5.23	5.20	5.20	5.17	5.16	4.99

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-11-18

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(DEC) γ (DEC)	285	300	315	330	345														
0	1454	1454	1454	1454	1454														
5	1111	1130	1134	1176	1189														
10	716	731	733	773	781														
15	481	490	490	511	515														
20	352	355	355	366	367														
25	279	280	282	285	285														
30	239	239	242	242	242														
35	199	199	200	203	202														
40	102	105	105	116	117														
45	24.6	25.4	25.4	28.4	28.7														
50	16.1	16.5	16.6	17.2	17.5														
55	11.5	11.7	11.7	12.1	12.2														
60	8.46	8.55	8.60	8.79	8.82														
65	6.56	6.90	6.98	6.89	6.67														
70	4.60	5.26	5.63	5.30	4.94														
75	1.89	2.36	2.95	2.58	2.24														
80	1.39	1.38	1.41	1.38	1.37														
85	1.34	1.32	1.36	1.36	1.37														
90	1.22	1.22	1.22	1.21	1.21														
95	1.33	1.32	1.32	1.30	1.29														
100	1.45	1.45	1.44	1.43	1.42														
105	1.60	1.60	1.60	1.57	1.56														
110	1.78	1.78	1.77	1.75	1.73														
115	2.00	1.99	1.98	1.95	1.94														
120	2.27	2.26	2.25	2.21	2.20														
125	2.63	2.61	2.60	2.54	2.52														
130	3.05	3.02	3.00	2.94	2.93														
135	3.48	3.46	3.43	3.37	3.36														
140	3.86	3.84	3.81	3.76	3.74														
145	4.15	4.12	4.11	4.05	4.04														
150	4.35	4.33	4.31	4.26	4.24														
155	4.51	4.49	4.47	4.42	4.40														
160	4.69	4.66	4.65	4.59	4.58														
165	4.80	4.78	4.77	4.71	4.70														
170	4.85	4.82	4.81	4.77	4.75														
175	4.88	4.84	4.84	4.77	4.76														
180	4.98	4.94	4.93	4.86	4.86														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-11-18

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: