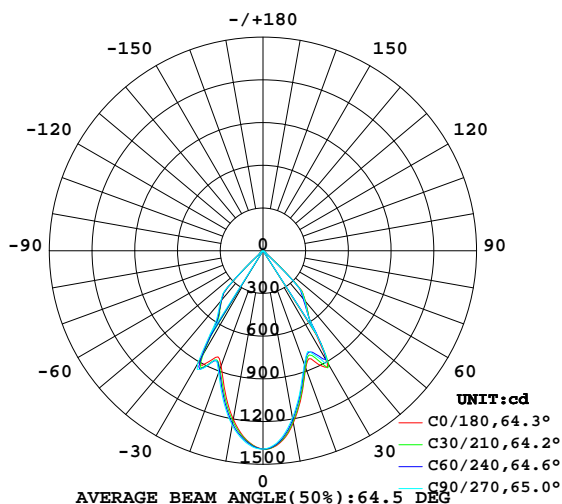


## LUMINAIRE PHOTOMETRIC TEST REPORT

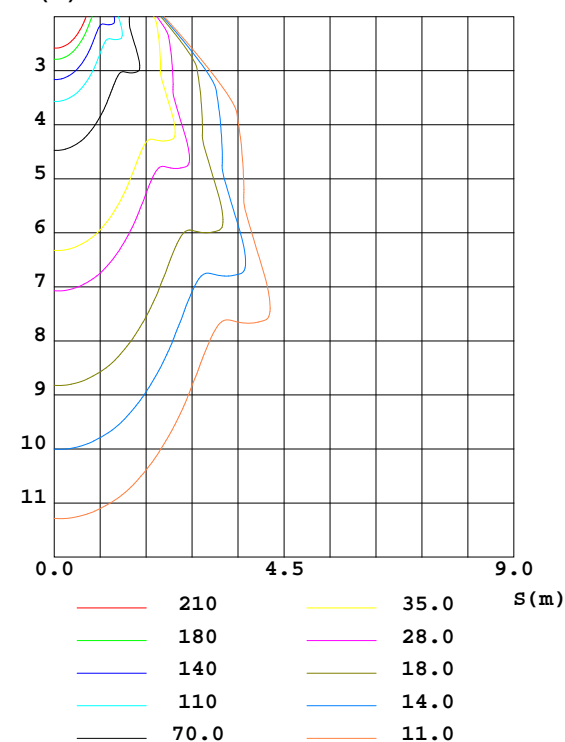
Test:U:226.7V I:0.0840A P:18.00W PF:0.9420 Lamp Flux:1458.62x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 81.03 lm/W			
MODEL	BL07-20W-930-W-60	Imax(cd)	1395	S/MH(C0/180)	0.77
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.74
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1458.6	$\eta$ UP,DN(C0-180)	1.3,48.4
NOMINAL FLUX(lm)	1458.62	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.4,48.9
LAMPS INSIDE	1	$\eta$ up(%)	2.7	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	226.6	$\eta$ down(%)	97.3	CIBSE SHR MAX	0.90

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:QiuMing  
Test Date:2015-10-27

$\gamma$  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:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1229	1218	1192	1191	1203	1221	1244	1243	0- 10	124.3	124.3	8.52,8.52
20	878.7	865.7	849.6	843.8	862.0	885.8	910.9	901.5	10- 20	290.7	415.0	28.5,28.5
30	901.9	904.9	902.2	900.3	868.6	842.6	919.7	909.6	20- 30	399.3	814.3	55.8,55.8
40	463.9	456.1	454.1	454.3	451.8	447.8	462.6	459.2	30- 40	371.1	1185	81.3,81.3
50	38.93	35.42	32.95	33.88	34.75	36.32	34.73	34.16	40- 50	195.5	1381	94.7,94.7
60	16.13	16.04	15.68	15.52	15.48	14.69	15.22	15.65	50- 60	21.67	1403	96.2,96.2
70	5.252	5.775	5.608	5.265	4.722	4.181	4.394	4.770	60- 70	9.699	1412	96.8,96.8
80	3.545	3.685	3.731	3.605	3.449	3.235	3.237	3.403	70- 80	3.892	1416	97.1,97.1
90	2.965	3.517	3.075	2.571	2.737	2.768	2.747	2.744	80- 90	3.808	1420	97.3,97.3
100	3.140	3.140	3.115	3.196	3.540	3.486	3.430	3.410	90-100	3.201	1423	97.6,97.6
110	4.167	4.299	4.237	4.328	4.704	4.491	4.371	4.366	100-110	4.057	1427	97.8,97.8
120	5.344	5.447	5.311	5.442	5.855	5.680	5.474	5.504	110-120	4.877	1432	98.2,98.2
130	6.851	6.788	6.671	6.815	7.301	7.159	6.867	6.934	120-130	5.537	1438	98.6,98.6
140	8.590	8.338	8.163	8.312	8.823	8.811	8.472	8.537	130-140	5.951	1444	99,99
150	10.13	9.612	9.356	9.502	10.02	10.40	10.25	10.19	140-150	5.801	1449	99.4,99.4
160	11.08	10.58	10.22	10.38	10.93	11.45	11.59	11.53	150-160	4.823	1454	99.7,99.7
170	12.13	11.53	11.23	11.65	12.33	12.89	13.34	13.10	160-170	3.275	1457	99.9,99.9
180	11.74	11.90	12.16	12.46	11.76	11.89	12.16	12.45	170-180	1.172	1459	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

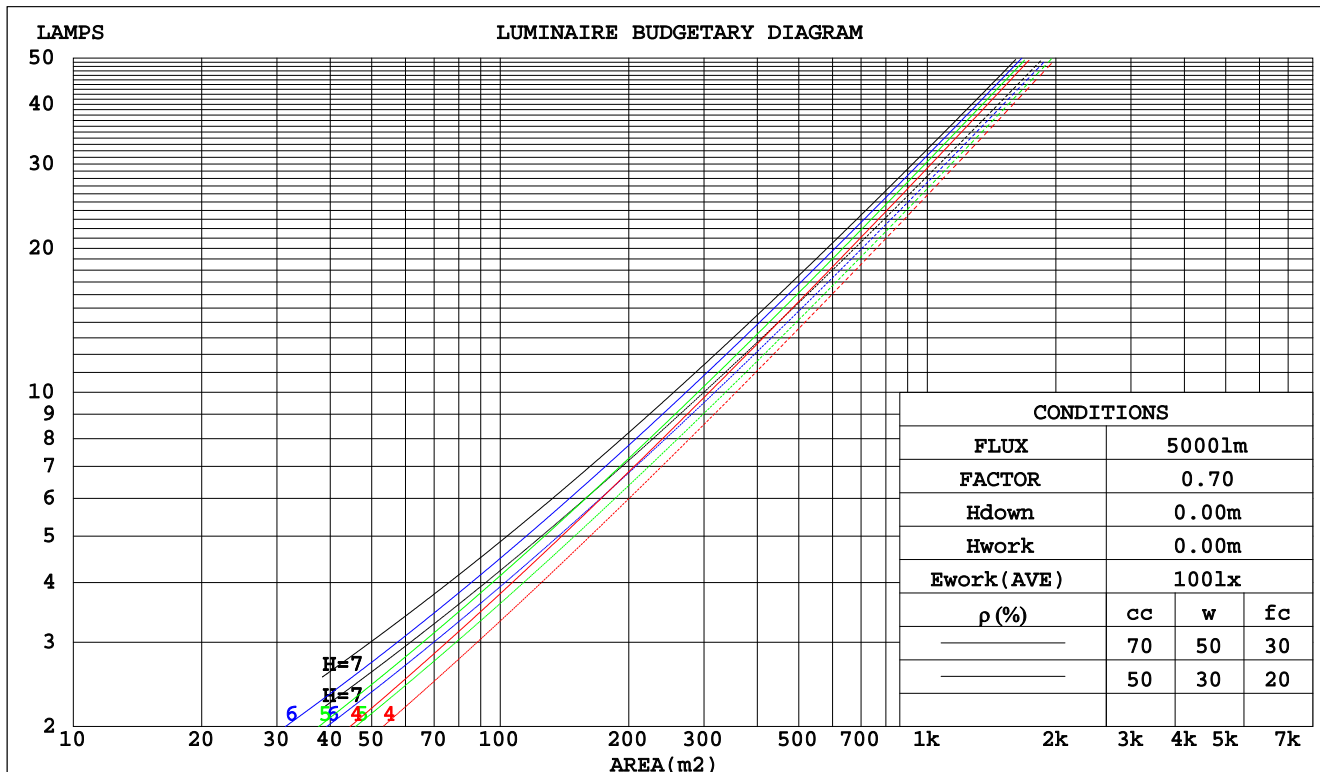
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-27

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

Test:U:226.7V I:0.0840A P:18.00W PF:0.9420 Lamp Flux:1458.62x1 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	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	.99	.94	.91	.95	.91	.89	.91	.89	.86	.88	.86	.84	.82
3.0	.93	.87	.83	.91	.86	.82	.88	.84	.80	.85	.82	.79	.83	.80	.77	.75
4.0	.86	.80	.75	.84	.79	.74	.82	.77	.73	.79	.75	.72	.77	.74	.71	.69
5.0	.79	.73	.68	.78	.72	.68	.76	.71	.67	.74	.69	.66	.72	.68	.65	.63
6.0	.74	.67	.62	.73	.66	.62	.71	.65	.61	.69	.64	.61	.67	.63	.60	.58
7.0	.69	.62	.57	.68	.61	.57	.66	.61	.57	.65	.60	.56	.63	.59	.56	.54
8.0	.64	.57	.53	.63	.57	.53	.62	.56	.52	.61	.56	.52	.59	.55	.51	.50
9.0	.60	.53	.49	.59	.53	.49	.58	.52	.48	.57	.52	.48	.56	.51	.48	.46
10.0	.56	.50	.46	.56	.49	.45	.54	.49	.45	.53	.48	.45	.53	.48	.45	.43



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-27

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

Test:U:226.7V I:0.0840A P:18.00W PF:0.9420 Lamp Flux:1458.62x1 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	.197	.112	.035	.189	.108	.034	.175	.100	.032	.162	.093	.030	.150	.087	.028	
2.0	.189	.104	.032	.183	.101	.031	.171	.095	.029	.159	.089	.028	.149	.084	.027	
3.0	.181	.096	.029	.175	.094	.028	.164	.089	.027	.155	.085	.026	.146	.081	.025	
4.0	.172	.089	.026	.167	.087	.026	.158	.084	.025	.149	.080	.024	.141	.077	.023	
5.0	.164	.084	.024	.160	.082	.024	.151	.079	.023	.144	.076	.023	.137	.073	.022	
6.0	.156	.078	.022	.152	.077	.022	.145	.074	.022	.138	.072	.021	.132	.069	.021	
7.0	.149	.074	.021	.146	.073	.021	.139	.070	.020	.133	.068	.020	.127	.066	.019	
8.0	.142	.070	.020	.139	.069	.019	.133	.067	.019	.128	.065	.019	.123	.063	.018	
9.0	.136	.066	.018	.133	.065	.018	.128	.063	.018	.123	.062	.018	.118	.060	.017	
10.0	.130	.062	.017	.128	.062	.017	.123	.060	.017	.118	.059	.017	.114	.057	.016	

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	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023		
1.0	.193	.178	.164	.165	.152	.141	.113	.105	.097	.065	.061	.057	.021	.020	.018		
2.0	.179	.153	.131	.153	.132	.113	.105	.091	.079	.061	.053	.046	.019	.017	.015		
3.0	.168	.134	.108	.144	.116	.093	.099	.080	.065	.057	.047	.039	.018	.015	.013		
4.0	.159	.120	.091	.136	.104	.079	.094	.072	.055	.054	.042	.033	.017	.014	.011		
5.0	.151	.109	.078	.129	.094	.068	.089	.066	.048	.052	.039	.028	.017	.013	.009		
6.0	.144	.100	.068	.124	.086	.059	.085	.060	.042	.049	.036	.025	.016	.012	.008		
7.0	.138	.092	.061	.118	.080	.053	.082	.056	.038	.047	.033	.022	.015	.011	.007		
8.0	.132	.086	.055	.114	.075	.048	.079	.053	.034	.046	.031	.020	.015	.010	.007		
9.0	.127	.081	.051	.109	.071	.044	.076	.050	.031	.044	.029	.019	.014	.010	.006		
10.0	.122	.077	.047	.106	.067	.041	.073	.047	.029	.043	.028	.017	.014	.009	.006		

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-27

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

Test:U:226.7V I:0.0840A P:18.00W PF:0.9420 Lamp Flux:1458.62x1 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	19.5	20.5	19.8	20.8	21.0	19.4	20.4	19.7	20.7	20.9	
	3H	19.3	20.3	19.6	20.5	20.8	19.2	20.2	19.5	20.4	20.7
	4H	19.2	20.1	19.6	20.4	20.7	19.1	20.0	19.5	20.3	20.6
	6H	19.2	20.0	19.5	20.3	20.6	19.1	19.9	19.4	20.2	20.5
	8H	19.1	19.9	19.5	20.2	20.5	19.0	19.8	19.4	20.1	20.5
	12H	19.1	19.9	19.5	20.2	20.5	19.0	19.8	19.4	20.1	20.4
4H	2H	19.2	20.1	19.6	20.4	20.7	19.1	20.0	19.5	20.3	20.6
	3H	19.1	19.8	19.4	20.2	20.5	19.0	19.7	19.3	20.1	20.4
	4H	19.0	19.7	19.4	20.0	20.4	18.9	19.6	19.3	19.9	20.3
	6H	18.9	19.5	19.3	19.9	20.3	18.8	19.4	19.2	19.8	20.2
	8H	18.9	19.4	19.3	19.8	20.3	18.8	19.3	19.2	19.7	20.2
	12H	18.9	19.4	19.3	19.8	20.2	18.8	19.3	19.2	19.7	20.1
8H	4H	18.8	19.4	19.3	19.8	20.2	18.7	19.3	19.2	19.7	20.1
	6H	18.8	19.2	19.2	19.7	20.1	18.7	19.1	19.1	19.6	20.0
	8H	18.7	19.2	19.2	19.6	20.1	18.7	19.1	19.2	19.5	20.0
	12H	18.8	19.1	19.3	19.6	20.1	18.7	19.0	19.2	19.5	20.0
12H	4H	18.8	19.3	19.2	19.7	20.2	18.7	19.2	19.1	19.6	20.1
	6H	18.7	19.1	19.2	19.6	20.1	18.6	19.0	19.1	19.5	20.0
	8H	18.7	19.1	19.2	19.5	20.1	18.6	19.0	19.1	19.5	20.0
Variations with the observer position at spacings:											
S = 1.0H	+ 3.0 / - 9.6					+ 3.0 / - 9.4					
1.5H	+ 3.3 / - 9.8					+ 3.4 / - 9.4					
2.0H	+ 8.2 / - 6.7					+ 8.1 / - 6.0					

CIE Pub.117 Corrected 1459 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.3)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-27

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

Test:U:226.7V I:0.0840A P:18.00W PF:0.9420 Lamp Flux:1458.62x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

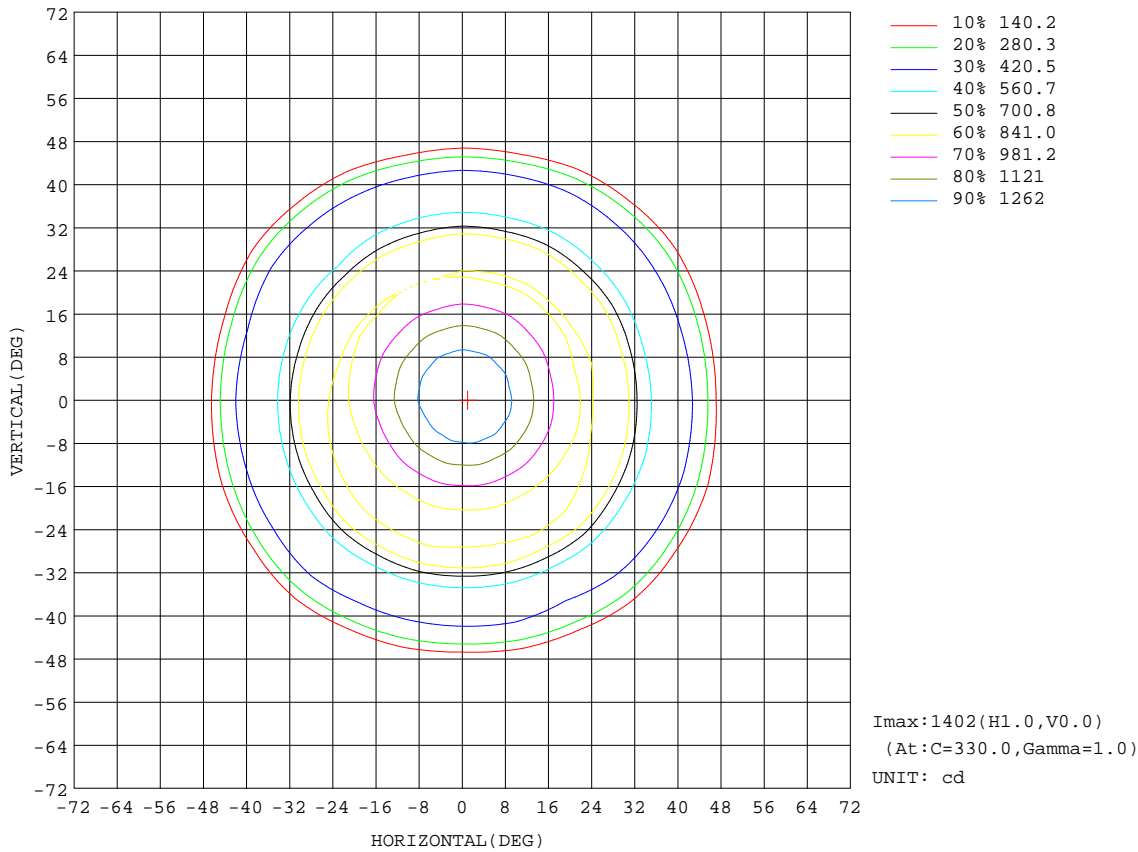
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	80	72	68	79	72	68	78	72	67	63
0.80	88	81	77	87	81	77	86	80	76	72
1.00	94	87	83	93	87	83	91	87	82	77
1.25	99	93	89	98	92	88	95	91	87	82
1.50	102	96	92	101	96	92	98	94	91	85
2.00	106	101	97	104	100	96	101	97	94	88
2.50	108	103	100	106	102	99	102	99	96	90
3.00	110	106	102	107	104	101	104	101	99	91
4.00	112	108	106	109	107	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:2015-10-27

$\gamma$  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

Test:U:226.7V I:0.0840A P:18.00W PF:0.9420 Lamp Flux:1458.62x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

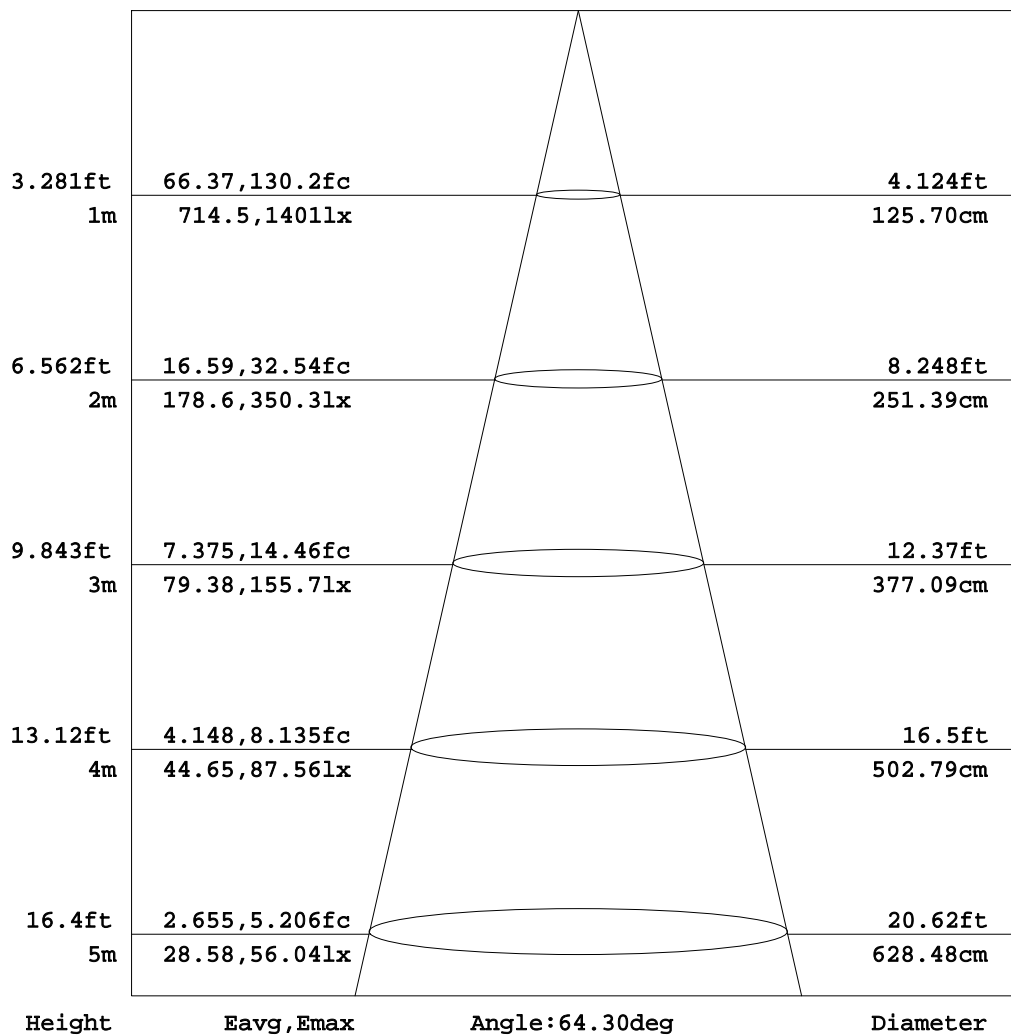


C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Temperature:25.3DEG	Humidity:65.0%
Operators:QiuMing	Test Distance:5.920m [K=1.0000]
Test Date:2015-10-27	Remarks:

### AAI Figure

Test:U:226.7V I:0.0840A P:18.00W PF:0.9420 Lamp Flux:1458.62x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:946.6 lm



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

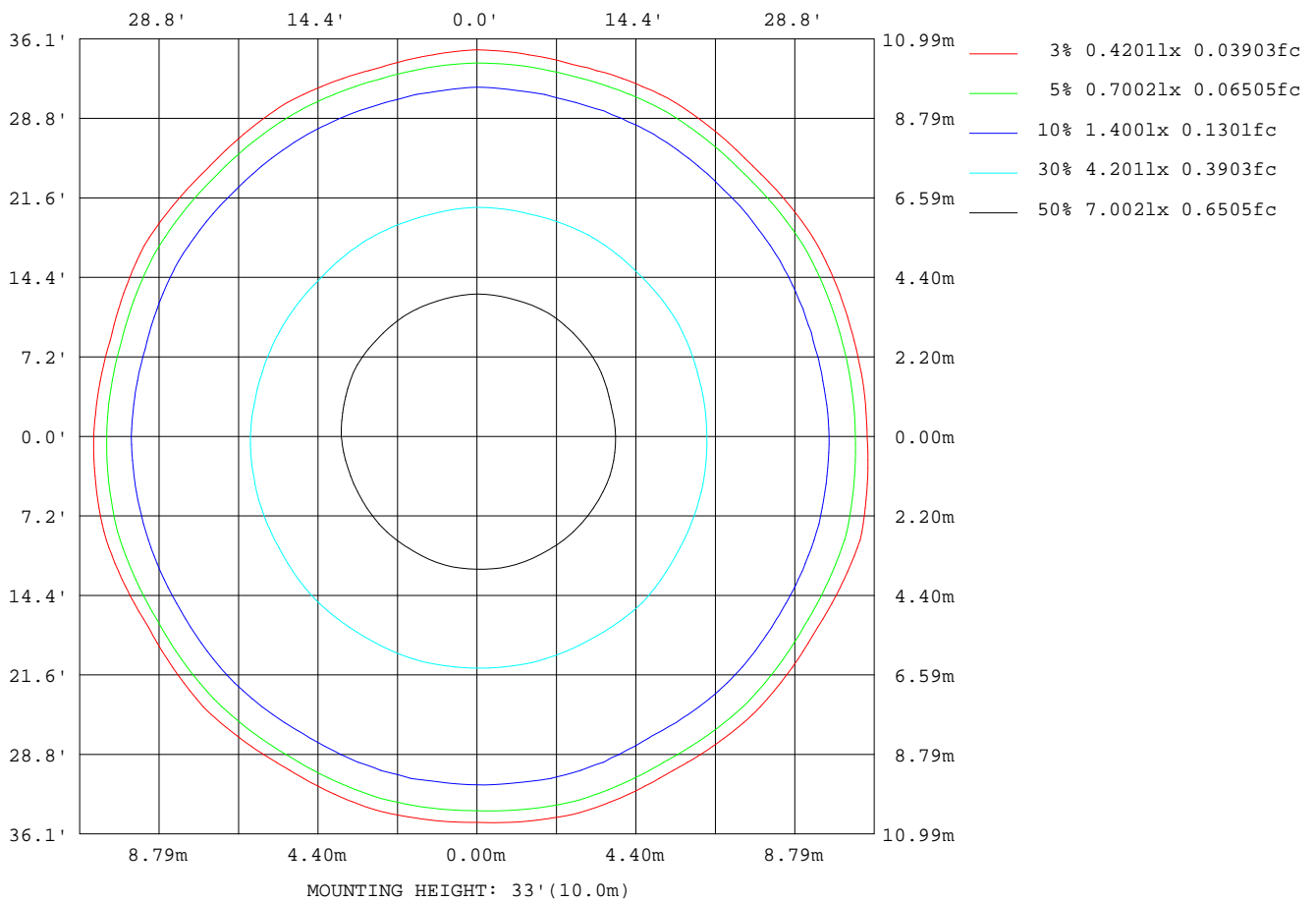
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-27

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

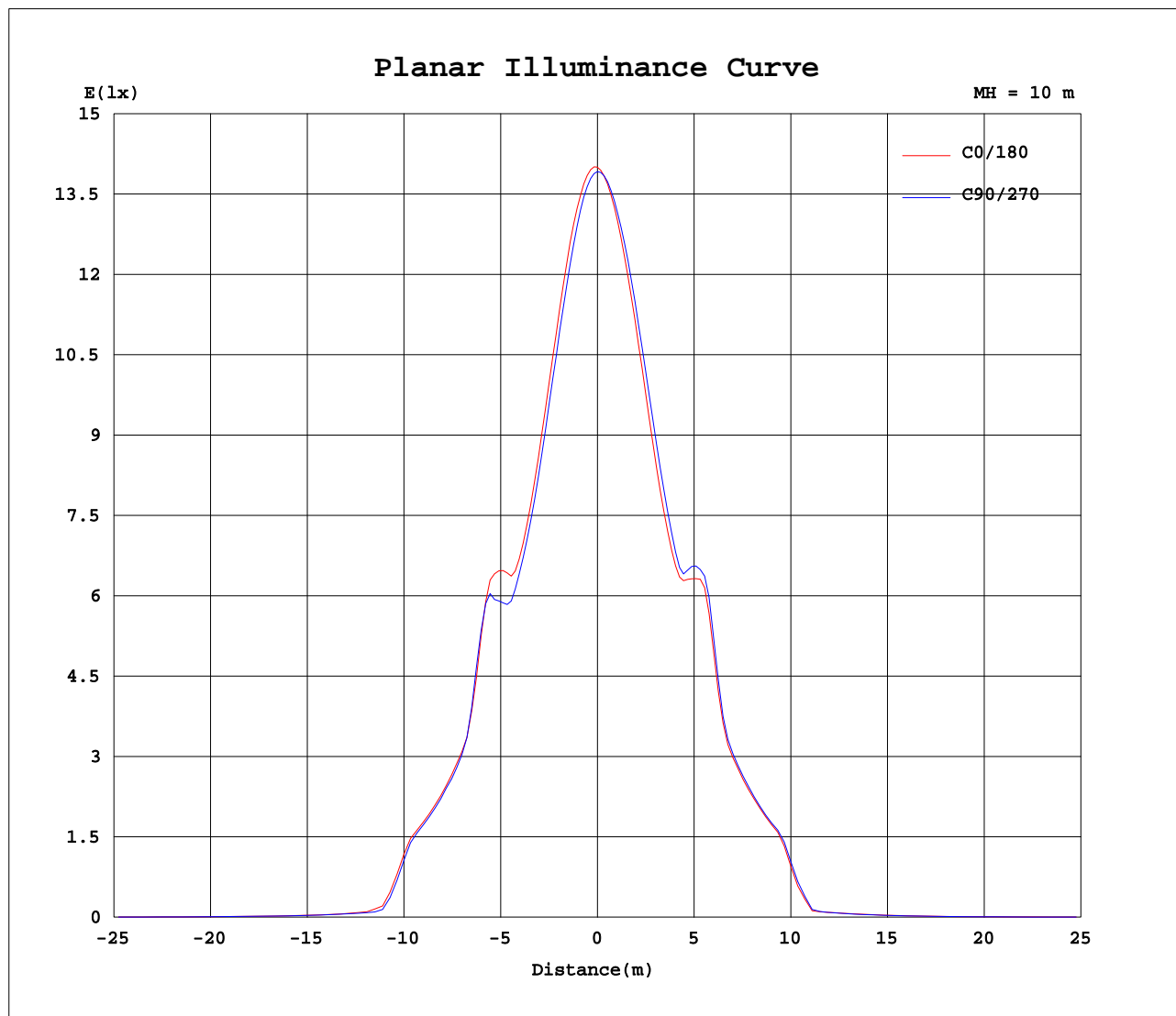
Test:U:226.7V I:0.0840A P:18.00W PF:0.9420 Lamp Flux:1458.62x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-27

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: 2015-10-27

$\gamma$  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

Test:U:226.7V I:0.0840A P:18.00W PF:0.9420 Lamp Flux:1458.62x1 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	1393	1393	1393	1393	1393	1393	1393	1393	1393	1393	1393	1393	1393	1393	1393	1393	1393	1393	1393
5	1355	1357	1350	1351	1345	1344	1335	1334	1328	1330	1327	1331	1333	1333	1339	1339	1345	1346	1354
10	1229	1229	1218	1218	1205	1203	1192	1193	1185	1191	1188	1197	1203	1204	1218	1221	1234	1235	1244
15	1050	1051	1041	1038	1023	1023	1012	1014	1008	1013	1010	1020	1028	1031	1049	1053	1067	1070	1083
20	879	882	872	866	856	857	850	850	841	844	844	852	862	869	886	886	897	900	911
25	859	846	811	776	784	787	785	779	784	789	814	829	843	869	865	875	871	877	871
30	902	928	925	905	882	894	902	901	894	900	880	883	869	849	844	843	871	876	920
35	559	564	558	563	551	557	553	551	545	552	542	545	540	534	531	523	542	553	557
40	464	465	461	456	440	456	454	451	446	454	449	452	452	445	453	448	454	457	463
45	331	342	328	335	307	323	301	298	274	280	259	268	268	250	268	258	277	272	293
50	38.9	39.6	36.5	35.4	34.3	34.3	33.0	33.1	33.1	33.9	33.8	34.6	34.8	34.7	35.5	36.3	37.0	35.5	34.7
55	24.4	24.2	23.4	23.5	23.1	23.6	23.1	23.4	23.3	24.1	24.3	25.4	25.2	24.1	23.8	23.3	23.4	23.0	23.4
60	16.1	16.2	15.8	16.0	15.6	15.9	15.7	15.7	15.3	15.5	15.3	15.6	15.5	14.9	14.9	14.7	14.9	14.8	15.2
65	10.1	10.4	10.2	10.4	10.2	10.3	10.1	10.1	9.88	9.98	9.63	9.62	9.48	8.99	8.99	8.70	8.88	8.77	9.08
70	5.25	5.54	5.58	5.78	5.72	5.87	5.61	5.62	5.31	5.26	4.95	4.88	4.72	4.38	4.39	4.18	4.29	4.19	4.39
75	3.61	3.67	3.71	3.73	3.77	3.79	3.80	3.77	3.73	3.66	3.58	3.49	3.46	3.37	3.28	3.23	3.18	3.20	3.23
80	3.54	3.60	3.66	3.68	3.71	3.73	3.73	3.70	3.67	3.60	3.53	3.45	3.45	3.37	3.29	3.23	3.20	3.22	3.24
85	3.55	3.59	3.64	3.68	3.71	3.72	3.73	3.71	3.68	3.61	3.55	3.46	3.51	3.44	3.36	3.31	3.27	3.29	3.30
90	2.96	3.38	3.28	3.52	3.35	3.51	3.07	3.15	2.59	2.57	2.52	2.52	2.74	2.76	2.75	2.77	2.75	2.77	2.75
95	2.77	2.75	2.76	2.74	2.74	2.73	2.74	2.74	2.76	2.76	2.79	2.79	3.05	3.08	3.06	3.08	3.06	3.07	3.05
100	3.14	3.13	3.17	3.14	3.15	3.13	3.11	3.13	3.16	3.20	3.25	3.24	3.54	3.54	3.50	3.49	3.44	3.46	3.43
105	3.66	3.70	3.75	3.75	3.75	3.68	3.68	3.70	3.73	3.78	3.84	3.83	4.14	4.13	4.04	3.96	3.90	3.91	3.88
110	4.17	4.26	4.30	4.30	4.30	4.22	4.24	4.25	4.30	4.33	4.39	4.38	4.70	4.67	4.58	4.49	4.41	4.41	4.37
115	4.71	4.80	4.86	4.85	4.85	4.73	4.74	4.76	4.80	4.85	4.93	4.93	5.24	5.21	5.12	5.05	4.97	4.95	4.90
120	5.34	5.40	5.46	5.45	5.36	5.32	5.31	5.30	5.36	5.44	5.54	5.53	5.85	5.82	5.73	5.68	5.57	5.54	5.47
125	6.04	6.09	6.14	6.08	6.00	5.98	5.94	5.92	5.99	6.08	6.21	6.22	6.55	6.53	6.44	6.38	6.24	6.22	6.13
130	6.85	6.88	6.91	6.79	6.76	6.73	6.67	6.65	6.71	6.81	6.97	7.00	7.30	7.30	7.23	7.16	6.99	6.97	6.87
135	7.71	7.71	7.72	7.59	7.50	7.48	7.42	7.40	7.45	7.56	7.74	7.80	8.05	8.09	8.02	7.96	7.74	7.72	7.63
140	8.59	8.58	8.55	8.34	8.31	8.20	8.16	8.15	8.20	8.31	8.50	8.60	8.82	8.88	8.85	8.81	8.59	8.53	8.47
145	9.44	9.39	9.30	9.06	9.03	8.92	8.85	8.82	8.90	9.00	9.18	9.32	9.50	9.61	9.62	9.65	9.50	9.40	9.40
150	10.1	10.00	9.85	9.61	9.55	9.43	9.36	9.34	9.39	9.50	9.69	9.84	10.0	10.2	10.3	10.4	10.4	10.4	10.2
155	10.6	10.4	10.3	10.1	9.96	9.83	9.75	9.74	9.82	9.91	10.1	10.3	10.4	10.6	10.7	10.9	11.0	11.0	10.9
160	11.1	10.9	10.8	10.6	10.4	10.3	10.2	10.2	10.3	10.4	10.6	10.8	10.9	11.1	11.3	11.4	11.5	11.6	11.6
165	11.6	11.5	11.3	11.1	10.9	10.8	10.8	10.8	10.9	11.0	11.2	11.5	11.6	11.8	11.9	12.1	12.3	12.4	12.4
170	12.1	11.9	11.7	11.5	11.4	11.3	11.2	11.3	11.5	11.7	11.9	12.2	12.3	12.6	12.7	12.9	13.1	13.3	13.3
175	12.0	11.8	11.6	11.5	11.4	11.4	11.4	11.5	11.6	11.8	11.9	12.1	11.8	12.0	12.3	12.6	12.8	13.0	13.1
180	11.7	11.8	11.8	11.9	12.0	12.1	12.2	12.3	12.3	12.5	12.5	12.6	11.8	11.7	11.8	11.9	12.0	12.1	12.2

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-27

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

Test:U:226.7V I:0.0840A P:18.00W PF:0.9420 Lamp Flux:1458.62x1 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	1393	1393	1393	1393	1393														
5	1353	1359	1357	1362	1358														
10	1243	1251	1243	1247	1236														
15	1080	1087	1073	1074	1058														
20	907	913	902	899	882														
25	863	852	859	857	847														
30	914	926	910	914	897														
35	556	562	557	559	556														
40	462	464	459	458	460														
45	289	310	305	325	324														
50	34.0	34.3	34.2	35.3	36.5														
55	23.4	24.1	23.9	24.2	24.2														
60	15.3	15.8	15.6	16.1	16.0														
65	9.17	9.57	9.46	9.82	9.84														
70	4.52	4.82	4.77	5.07	5.14														
75	3.28	3.34	3.40	3.48	3.57														
80	3.29	3.34	3.40	3.46	3.54														
85	3.36	3.40	3.47	3.53	3.61														
90	2.76	2.73	2.74	3.02	3.01														
95	3.06	3.03	3.03	3.00	3.01														
100	3.44	3.40	3.41	3.38	3.39														
105	3.90	3.88	3.86	3.85	3.87														
110	4.40	4.37	4.37	4.38	4.39														
115	4.92	4.90	4.90	4.92	4.95														
120	5.49	5.47	5.50	5.53	5.57														
125	6.13	6.12	6.18	6.20	6.26														
130	6.85	6.86	6.93	6.95	7.02														
135	7.63	7.63	7.71	7.71	7.82														
140	8.48	8.48	8.54	8.49	8.69														
145	9.45	9.40	9.34	9.34	9.52														
150	10.3	10.2	10.2	10.2	10.2														
155	10.8	10.8	10.9	10.9	10.7														
160	11.6	11.5	11.5	11.4	11.3														
165	12.4	12.3	12.2	12.1	11.9														
170	13.3	13.2	13.1	13.0	12.7														
175	13.1	13.1	13.0	12.9	12.7														
180	12.3	12.3	12.4	12.5	12.6														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-27

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: