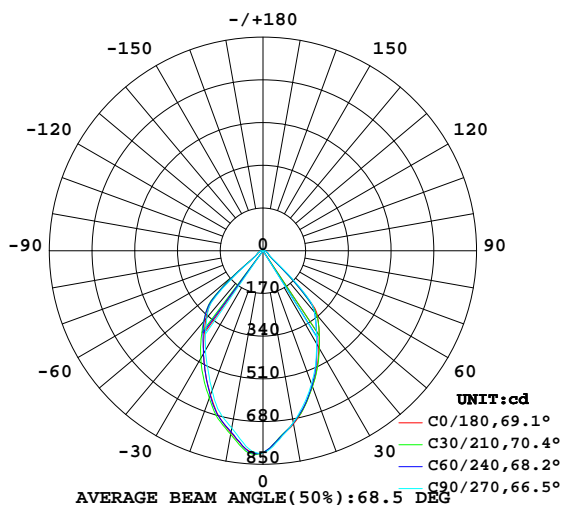


## LUMINAIRE PHOTOMETRIC TEST REPORT

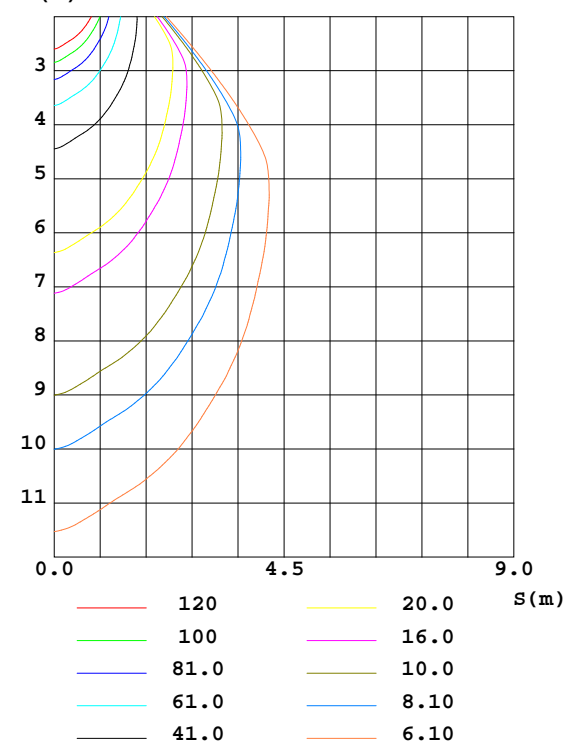
Test:U:226.5V I:0.0640A P:11.70W PF:0.8010 Lamp Flux:1018.91x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 87.09 lm/W			
MODEL	BL161-12W-930-W-60	Imax(cd)	811.8	S/MH(C0/180)	0.89
NOMINAL POWER(W)	12	LOR(%)	100.0	S/MH(C90/270)	0.87
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1018.9	η UP,DN(C0-180)	1.2,47.0
NOMINAL FLUX(lm)	1018.91	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,50.7
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	226.5	η down(%)	97.6	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:2016-08-25

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	699.6	698.4	694.8	709.3	734.9	734.0	716.9	704.4	0- 10	71.44	71.44	7.01,7.01
20	574.0	577.9	564.8	583.3	610.8	620.0	592.5	593.8	10- 20	183.6	255.0	25,25
30	444.3	441.3	427.4	454.0	473.9	486.3	457.4	462.2	20- 30	239.7	494.7	48.6,48.6
40	337.2	326.0	318.6	335.9	352.9	371.7	347.1	351.6	30- 40	248.2	743.0	72.9,72.9
50	42.67	42.54	49.15	84.65	126.7	131.6	96.01	50.31	40- 50	176.9	919.9	90.3,90.3
60	24.52	24.48	25.10	26.58	27.52	27.56	26.67	25.43	50- 60	33.54	953.4	93.6,93.6
70	15.07	14.95	15.30	16.29	17.63	17.75	16.75	15.55	60- 70	21.04	974.5	95.6,95.6
80	8.735	9.042	9.639	10.56	11.24	11.13	10.24	9.239	70- 80	13.67	988.1	97,97
90	1.731	1.755	1.711	2.033	2.985	2.060	1.826	1.864	80- 90	6.709	994.8	97.6,97.6
100	2.179	2.205	2.139	2.078	2.269	2.229	2.278	2.354	90-100	2.175	997.0	97.9,97.9
110	2.772	2.810	2.743	2.655	2.870	2.820	2.864	2.961	100-110	2.648	999.7	98.1,98.1
120	3.517	3.555	3.502	3.389	3.581	3.523	3.575	3.672	110-120	3.139	1003	98.4,98.4
130	4.343	4.397	4.372	4.231	4.380	4.333	4.395	4.495	120-130	3.535	1006	98.8,98.8
140	5.144	5.226	5.197	5.096	5.180	5.141	5.220	5.297	130-140	3.697	1010	99.1,99.1
150	5.783	5.847	5.849	5.767	5.761	5.753	5.826	5.883	140-150	3.460	1014	99.5,99.5
160	6.412	6.480	6.477	6.388	6.374	6.351	6.433	6.486	150-160	2.822	1016	99.7,99.7
170	7.014	7.062	7.048	6.993	6.974	6.935	7.012	7.039	160-170	1.897	1018	99.9,99.9
180	7.406	7.408	7.443	7.436	7.429	7.397	7.447	7.427	170-180	0.6858	1019	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

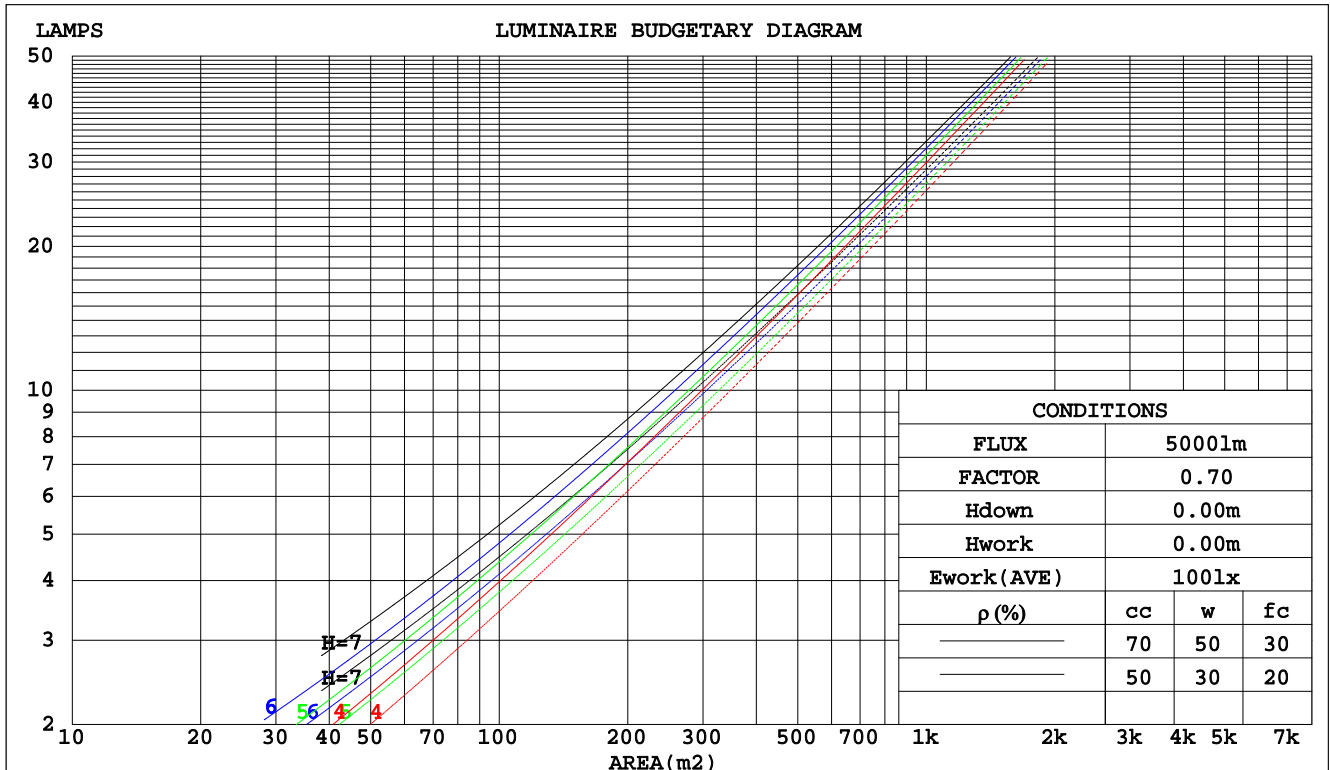
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-25

$\gamma$  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:

### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.5V I:0.0640A P:11.70W PF:0.8010 Lamp Flux:1018.9lx1 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	1.08	1.05	1.02	1.06	1.03	1.00	1.01	.99	.97	.97	.95	.94	.93	.92	.90	.88
2.0	.99	.94	.90	.97	.92	.88	.93	.89	.86	.89	.86	.84	.86	.84	.82	.80
3.0	.90	.84	.79	.89	.83	.79	.85	.81	.77	.83	.79	.75	.80	.77	.74	.72
4.0	.83	.76	.71	.81	.75	.70	.79	.73	.69	.76	.72	.68	.74	.70	.67	.65
5.0	.76	.69	.64	.75	.68	.64	.73	.67	.63	.71	.66	.62	.69	.65	.61	.59
6.0	.70	.63	.58	.69	.63	.58	.67	.61	.57	.66	.60	.56	.64	.59	.56	.54
7.0	.65	.58	.53	.64	.57	.53	.62	.57	.52	.61	.56	.52	.60	.55	.51	.50
8.0	.60	.53	.49	.60	.53	.48	.58	.52	.48	.57	.52	.48	.56	.51	.47	.46
9.0	.56	.49	.45	.56	.49	.45	.54	.48	.44	.53	.48	.44	.52	.47	.44	.42
10.0	.52	.46	.41	.52	.46	.41	.51	.45	.41	.50	.44	.41	.49	.44	.40	.39



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-08-25

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:0.0640A P:11.70W PF:0.8010 Lamp Flux:1018.91x1 lm								
NAME:			TYPE:			WEIGHT:		
DIM.:			SPEC.:			SERIAL No.:		
MFR.: Rayconn			SUR.:			PROTECTION ANGLE:		

pcc	80%			70%			50%			30%			10%			0	
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.218	.124	.039	.210	.120	.038	.196	.112	.036	.183	.106	.034	.171	.099	.032		
2.0	.208	.114	.035	.201	.111	.034	.189	.105	.033	.178	.100	.031	.168	.095	.030		
3.0	.197	.105	.031	.192	.103	.031	.181	.098	.030	.171	.094	.029	.162	.090	.028		
4.0	.187	.097	.029	.182	.095	.028	.172	.091	.027	.164	.088	.027	.156	.085	.026		
5.0	.177	.090	.026	.172	.089	.026	.164	.085	.025	.156	.083	.025	.149	.080	.024		
6.0	.168	.084	.024	.164	.083	.024	.156	.080	.023	.149	.078	.023	.143	.075	.022		
7.0	.159	.079	.022	.156	.078	.022	.149	.075	.022	.143	.073	.021	.137	.071	.021		
8.0	.151	.074	.021	.148	.073	.021	.142	.071	.020	.137	.069	.020	.131	.067	.020		
9.0	.144	.070	.019	.141	.069	.019	.136	.067	.019	.131	.066	.019	.126	.064	.018		
10.0	.137	.066	.018	.135	.065	.018	.130	.064	.018	.125	.062	.018	.121	.061	.017		

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.208	.208	.208	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.192	.175	.160	.164	.150	.138	.112	.103	.095	.065	.060	.055	.021	.019	.018	
2.0	.179	.151	.126	.154	.130	.109	.105	.090	.076	.061	.052	.045	.019	.017	.015	
3.0	.169	.132	.103	.145	.114	.089	.099	.079	.063	.057	.046	.037	.018	.015	.012	
4.0	.160	.118	.086	.137	.102	.075	.094	.071	.053	.055	.042	.031	.018	.014	.010	
5.0	.152	.107	.074	.131	.093	.064	.090	.065	.045	.052	.038	.027	.017	.012	.009	
6.0	.145	.098	.064	.125	.085	.056	.086	.059	.040	.050	.035	.024	.016	.011	.008	
7.0	.139	.091	.057	.120	.079	.050	.083	.055	.035	.048	.033	.021	.016	.011	.007	
8.0	.133	.085	.052	.115	.074	.045	.079	.052	.032	.046	.031	.019	.015	.010	.006	
9.0	.128	.080	.047	.111	.069	.041	.077	.049	.029	.045	.029	.018	.014	.009	.006	
10.0	.124	.076	.044	.106	.066	.038	.074	.046	.027	.043	.027	.016	.014	.009	.005	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-25

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:0.0640A P:11.70W PF:0.8010 Lamp Flux:1018.91lx1 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	22.2	23.3	22.5	23.6	23.8	22.0	23.1	22.3	23.3	23.6
3H	22.2	23.3	22.5	23.5	23.8	22.0	23.1	22.3	23.3	23.6
4H	22.3	23.3	22.6	23.5	23.8	22.1	23.1	22.4	23.3	23.6
6H	22.4	23.3	22.7	23.6	23.9	22.2	23.1	22.6	23.4	23.7
8H	22.4	23.3	22.8	23.6	23.9	22.3	23.2	22.6	23.5	23.8
12H	22.4	23.3	22.8	23.6	23.9	22.3	23.2	22.7	23.5	23.8
4H 2H	22.0	23.0	22.3	23.3	23.5	21.8	22.8	22.1	23.0	23.3
3H	22.1	23.0	22.5	23.3	23.6	21.9	22.8	22.3	23.1	23.4
4H	22.3	23.0	22.7	23.4	23.7	22.1	22.9	22.5	23.2	23.6
6H	22.5	23.1	22.9	23.5	23.9	22.3	23.0	22.8	23.4	23.8
8H	22.6	23.2	23.0	23.6	24.0	22.5	23.1	22.9	23.5	23.9
12H	22.6	23.2	23.1	23.6	24.1	22.6	23.2	23.1	23.6	24.1
8H 4H	22.3	22.9	22.7	23.3	23.7	22.1	22.7	22.5	23.1	23.5
6H	22.5	23.1	23.0	23.5	24.0	22.5	23.0	22.9	23.4	23.9
8H	22.7	23.2	23.2	23.6	24.1	22.7	23.1	23.2	23.6	24.1
12H	22.9	23.3	23.4	23.7	24.3	22.9	23.3	23.4	23.8	24.3
12H 4H	22.2	22.8	22.7	23.2	23.7	22.1	22.6	22.5	23.1	23.5
6H	22.6	23.0	23.1	23.5	24.0	22.5	22.9	23.0	23.4	23.9
8H	22.8	23.1	23.3	23.6	24.2	22.7	23.1	23.3	23.6	24.1
Variations with the observer position at spacings:										
S = 1.0H	+ 2.2 / - 3.5					+ 2.3 / - 3.1				
1.5H	+ 3.1 / - 3.7					+ 2.6 / - 3.5				
2.0H	+ 5.2 / - 1.4					+ 5.3 / - 1.6				

CIE Pub.117 Corrected 1019 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.1)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-25

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:0.0640A P:11.70W PF:0.8010 Lamp Flux:1018.91x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

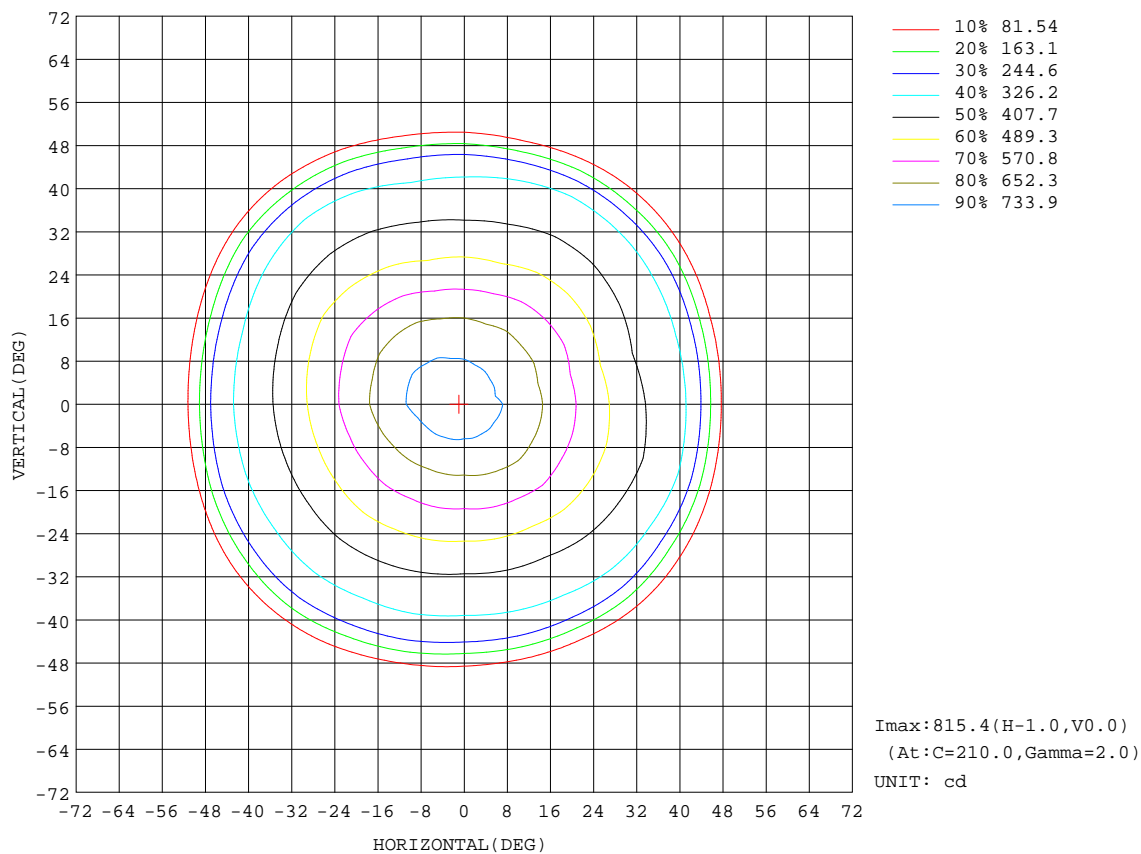
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	75	66	61	74	66	61	73	65	61	56
0.80	84	76	70	83	75	70	81	74	70	65
1.00	90	83	78	89	82	77	87	82	77	71
1.25	96	89	84	94	88	83	92	86	82	77
1.50	99	93	88	98	92	88	95	90	86	80
2.00	104	98	94	102	97	93	99	94	91	85
2.50	106	101	97	104	99	96	100	97	94	86
3.00	108	103	100	106	102	99	102	99	96	88
4.00	111	107	104	108	105	102	104	101	99	91
5.00	112	109	106	110	107	104	105	103	101	92
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:2016-08-25

$\gamma$  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:0.0640A P:11.70W PF:0.8010 Lamp Flux:1018.9lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



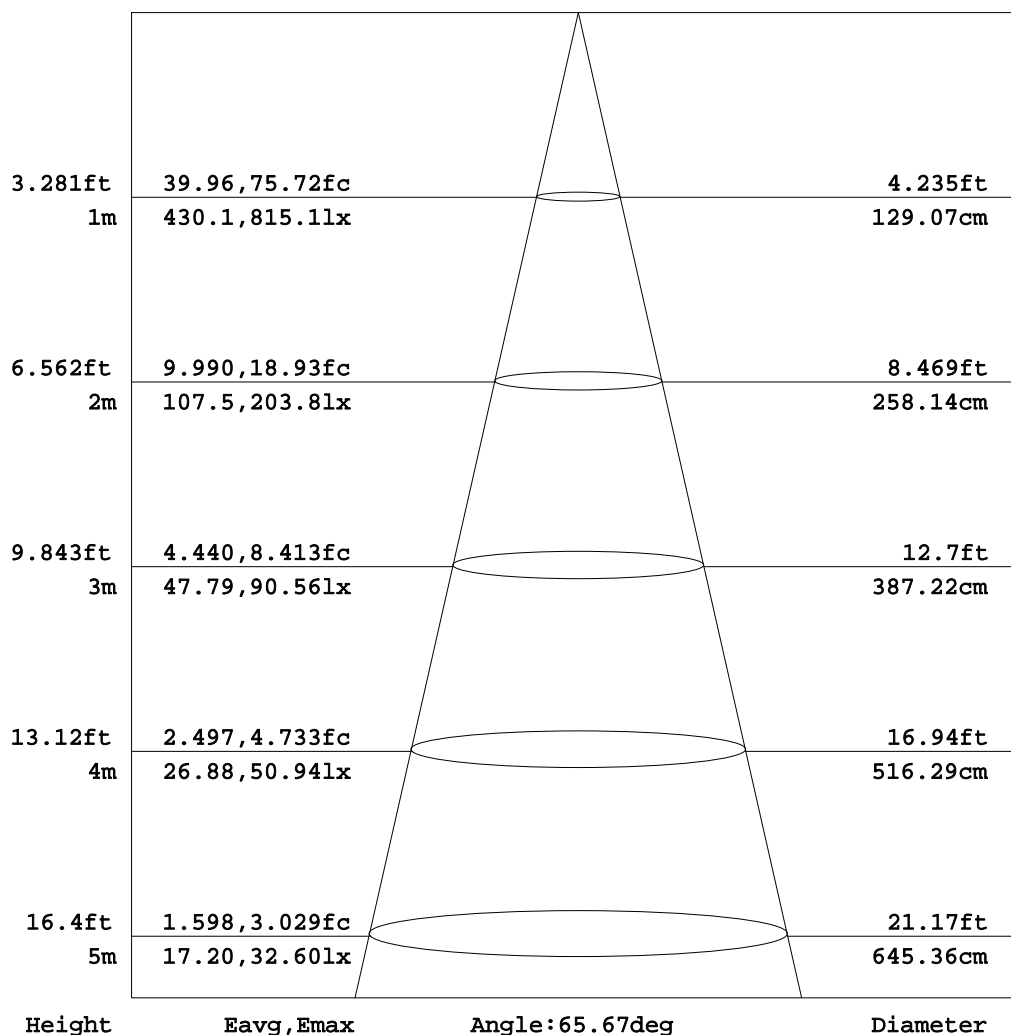
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-25

$\gamma$  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:

### AAI Figure

Test:U:226.5V I:0.0640A P:11.70W PF:0.8010 Lamp Flux:1018.9lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:569.9 lm



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

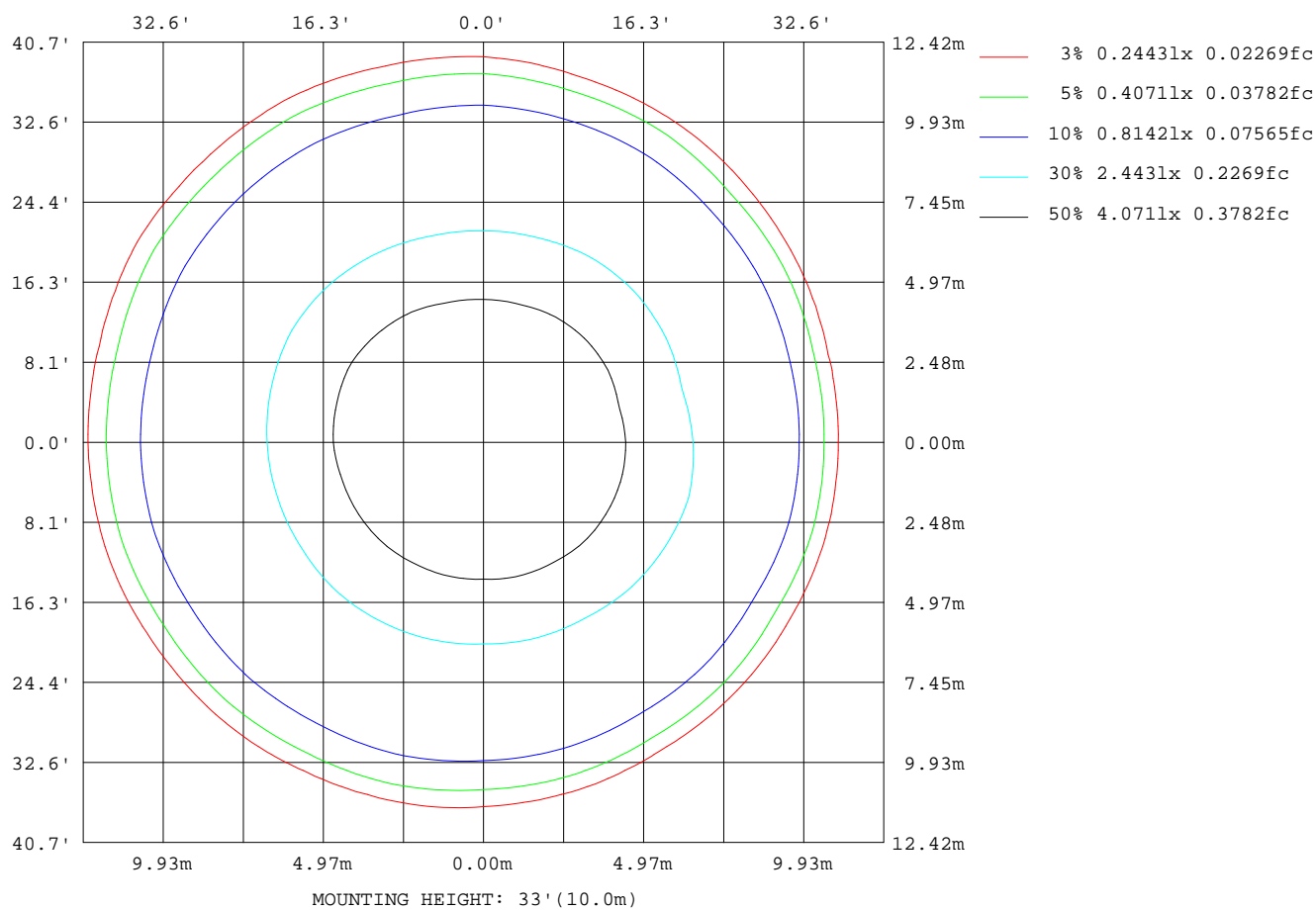
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-08-25

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

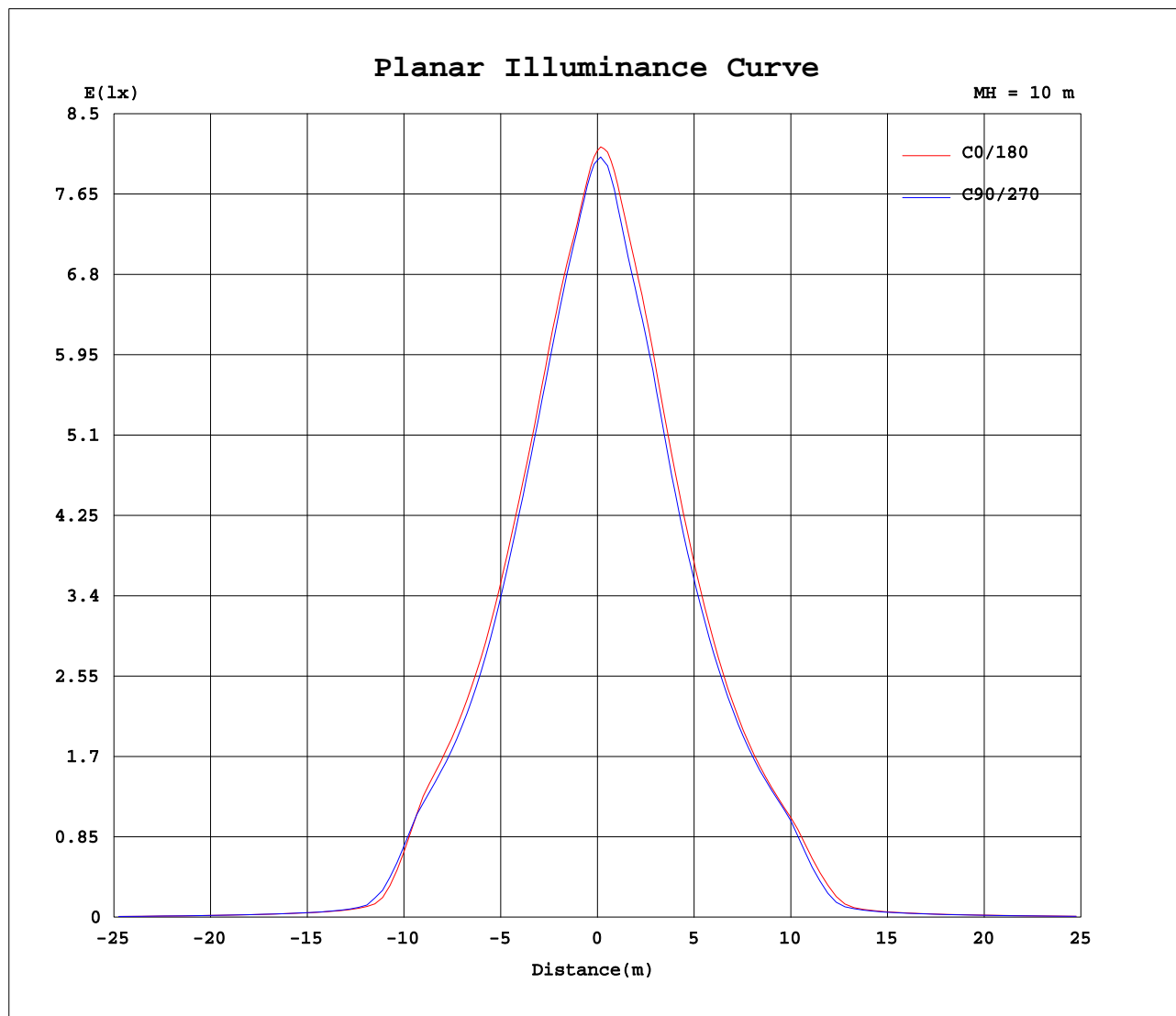
Test:U:226.5V I:0.0640A P:11.70W PF:0.8010 Lamp Flux:1018.9lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-08-25

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: 2016-08-25

$\gamma$  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:0.0640A P:11.70W PF:0.8010 Lamp Flux:1018.91x1 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	803	803	803	803	803	803	803	803	803	803	803	803	803	803	803	803	803	803	803
5	750	749	746	746	748	752	754	758	763	771	776	786	791	794	800	795	792	784	781
10	700	698	696	698	696	696	695	698	701	709	716	728	735	738	741	734	732	721	717
15	640	641	641	643	638	633	631	634	638	648	659	672	682	685	691	688	682	668	665
20	574	576	577	578	571	567	565	569	573	583	591	603	611	616	625	620	614	597	593
25	510	515	512	510	501	499	496	502	509	520	526	534	541	549	560	551	541	522	519
30	444	453	449	441	430	427	427	435	443	454	458	469	474	484	495	486	475	459	457
35	389	399	390	380	370	372	369	375	382	391	396	406	410	418	430	426	416	404	400
40	337	343	331	326	319	319	319	325	327	336	340	351	353	356	368	372	365	348	347
45	194	194	178	188	188	203	213	237	248	269	281	295	296	297	307	311	304	289	290
50	42.7	42.2	41.0	42.5	43.4	46.5	49.2	57.8	72.6	84.6	96.8	118	127	128	143	132	128	105	96.0
55	29.2	28.9	28.7	29.0	29.3	29.9	30.5	31.8	32.7	34.2	35.1	36.2	36.8	37.0	37.9	36.7	36.2	34.6	33.9
60	24.5	24.5	24.3	24.5	24.4	24.8	25.1	25.8	26.0	26.6	26.9	27.2	27.5	27.6	27.9	27.6	27.3	26.8	26.7
65	19.7	19.8	19.3	19.7	19.7	20.1	20.3	21.2	21.6	22.3	22.5	22.9	23.1	23.2	23.5	23.3	23.1	22.6	22.5
70	15.1	15.1	14.9	14.9	14.9	15.2	15.3	15.6	15.8	16.3	16.6	17.3	17.6	17.7	18.1	17.7	17.6	17.0	16.7
75	11.5	11.6	11.6	11.8	11.9	12.2	12.5	12.9	13.1	13.5	13.6	13.9	14.1	14.1	14.2	14.1	14.1	13.8	13.6
80	8.74	8.69	8.59	9.04	9.14	9.45	9.64	9.99	10.2	10.6	10.8	11.1	11.2	11.2	11.3	11.1	11.0	10.5	10.2
85	4.63	4.58	4.39	4.71	4.85	5.38	5.73	6.42	6.87	7.55	7.90	8.38	8.67	8.65	8.77	8.51	8.21	7.12	6.59
90	1.73	1.76	1.75	1.76	1.73	1.73	1.71	1.71	1.71	2.03	2.36	2.92	2.98	2.65	2.47	2.06	2.09	1.84	1.83
95	1.95	1.97	1.96	1.96	1.93	1.93	1.90	1.89	1.85	1.85	1.82	1.81	2.02	2.00	2.00	1.99	2.00	2.01	2.03
100	2.18	2.21	2.21	2.20	2.18	2.17	2.14	2.13	2.09	2.08	2.05	2.04	2.27	2.25	2.25	2.23	2.25	2.24	2.28
105	2.46	2.49	2.49	2.49	2.47	2.46	2.42	2.40	2.37	2.35	2.32	2.31	2.56	2.54	2.53	2.52	2.53	2.52	2.56
110	2.77	2.81	2.81	2.81	2.79	2.78	2.74	2.71	2.68	2.66	2.63	2.61	2.87	2.84	2.84	2.82	2.84	2.84	2.86
115	3.13	3.16	3.18	3.17	3.15	3.13	3.10	3.07	3.03	3.01	2.98	2.95	3.21	3.18	3.18	3.16	3.18	3.17	3.21
120	3.52	3.55	3.56	3.55	3.54	3.52	3.50	3.46	3.42	3.39	3.36	3.33	3.58	3.55	3.54	3.52	3.54	3.54	3.57
125	3.92	3.96	3.97	3.98	3.96	3.95	3.92	3.88	3.84	3.80	3.77	3.74	3.97	3.94	3.94	3.91	3.93	3.93	3.98
130	4.34	4.38	4.39	4.40	4.40	4.38	4.37	4.31	4.27	4.23	4.20	4.17	4.38	4.36	4.35	4.33	4.34	4.35	4.39
135	4.76	4.80	4.82	4.82	4.82	4.81	4.79	4.75	4.71	4.66	4.64	4.60	4.79	4.76	4.76	4.74	4.76	4.77	4.81
140	5.14	5.19	5.21	5.23	5.22	5.22	5.20	5.17	5.13	5.10	5.06	5.02	5.18	5.16	5.16	5.14	5.17	5.17	5.22
145	5.48	5.53	5.53	5.56	5.56	5.57	5.56	5.54	5.50	5.47	5.43	5.40	5.51	5.47	5.50	5.49	5.51	5.51	5.55
150	5.78	5.82	5.82	5.85	5.85	5.86	5.85	5.82	5.79	5.77	5.73	5.70	5.76	5.73	5.76	5.75	5.78	5.77	5.83
155	6.10	6.14	6.15	6.17	6.17	6.18	6.16	6.13	6.10	6.07	6.04	6.02	6.06	6.03	6.04	6.04	6.06	6.08	6.12
160	6.41	6.45	6.46	6.48	6.48	6.48	6.48	6.45	6.41	6.39	6.37	6.35	6.37	6.35	6.36	6.35	6.39	6.38	6.43
165	6.72	6.76	6.76	6.78	6.78	6.78	6.77	6.74	6.71	6.69	6.67	6.66	6.68	6.64	6.67	6.65	6.68	6.68	6.74
170	7.01	7.06	7.05	7.06	7.06	7.07	7.05	7.03	7.00	6.99	6.97	6.96	6.97	6.94	6.95	6.94	6.97	6.97	7.01
175	7.27	7.31	7.30	7.31	7.30	7.31	7.31	7.30	7.26	7.26	7.25	7.25	7.23	7.20	7.22	7.19	7.24	7.23	7.27
180	7.41	7.42	7.41	7.41	7.42	7.43	7.44	7.43	7.43	7.44	7.44	7.44	7.43	7.41	7.42	7.40	7.42	7.42	7.45

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-25

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:0.0640A P:11.70W PF:0.8010 Lamp Flux:1018.91x1 lm		
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	803	803	803	803	803													
5	770	765	757	755	750													
10	709	709	704	706	701													
15	658	661	656	656	645													
20	590	597	594	592	579													
25	517	526	528	524	510													
30	453	463	462	457	440													
35	402	408	406	396	383													
40	353	360	352	344	339													
45	278	267	241	227	203													
50	72.5	62.1	50.3	46.5	43.3													
55	32.3	31.7	30.6	30.0	29.3													
60	26.0	25.9	25.4	25.3	24.8													
65	22.0	22.0	21.1	20.9	20.1													
70	16.1	16.0	15.5	15.4	15.2													
75	13.1	13.0	12.5	12.3	11.8													
80	9.76	9.55	9.24	9.08	8.92													
85	5.74	5.38	5.45	5.48	4.99													
90	1.85	1.86	1.86	1.91	1.91													
95	2.04	2.07	2.09	2.13	2.14													
100	2.29	2.33	2.35	2.39	2.42													
105	2.57	2.62	2.64	2.68	2.71													
110	2.89	2.93	2.96	3.01	3.03													
115	3.23	3.27	3.30	3.35	3.38													
120	3.59	3.64	3.67	3.73	3.76													
125	3.99	4.04	4.07	4.13	4.16													
130	4.41	4.46	4.49	4.54	4.58													
135	4.83	4.87	4.91	4.96	4.98													
140	5.23	5.27	5.30	5.35	5.36													
145	5.57	5.61	5.62	5.66	5.66													
150	5.83	5.87	5.88	5.92	5.92													
155	6.13	6.17	6.19	6.22	6.23													
160	6.44	6.48	6.49	6.52	6.53													
165	6.74	6.77	6.78	6.82	6.83													
170	7.00	7.04	7.04	7.10	7.09													
175	7.25	7.29	7.28	7.33	7.32													
180	7.43	7.43	7.43	7.45	7.44													

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-25

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: