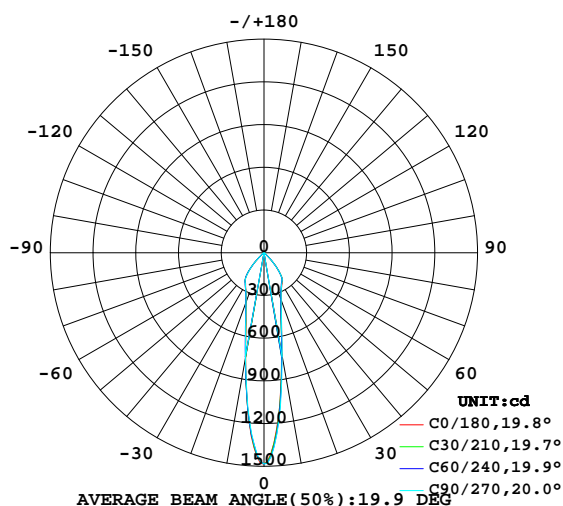


## LUMINAIRE PHOTOMETRIC TEST REPORT

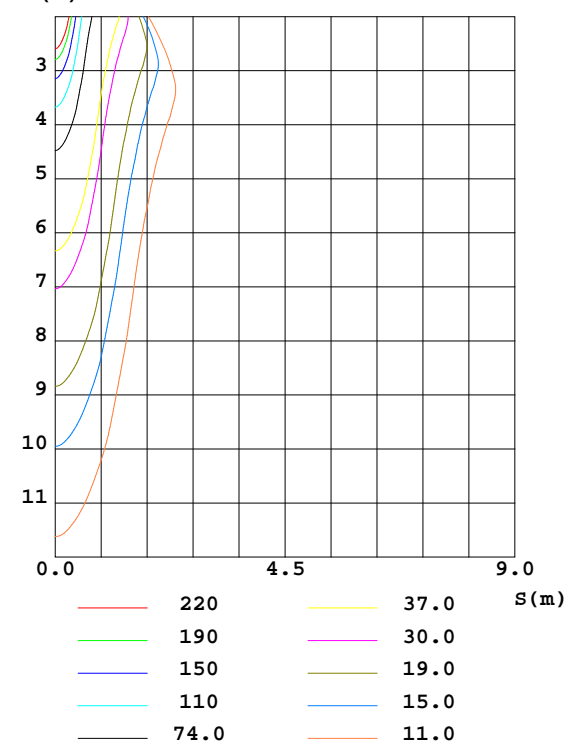
Test:U:226.5V I:0.0440A P:8.530W PF:0.8410 Lamp Flux:605.803x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 71.02 lm/W			
MODEL	M021-9W-927-S-16	Imax(cd)	1485	S/MH(C0/180)	0.33
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.33
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	605.80	η UP,DN(C0-180)	1.1,48.2
NOMINAL FLUX(lm)	605.803	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,49.5
LAMPS INSIDE	1	η up(%)	2.3	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.4	η down(%)	97.7	CIBSE SHR MAX	0.50

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	727.2	724.2	733.2	752.3	746.9	744.9	752.9	724.7	0- 10	97.77	97.77	16.1,16.1
20	351.9	347.7	352.7	365.1	370.9	372.0	372.0	359.0	10- 20	137.7	235.5	38.9,38.9
30	254.8	248.4	250.3	255.8	258.7	263.7	262.3	258.6	20- 30	137.2	372.8	61.5,61.5
40	151.6	149.0	149.6	160.8	163.3	163.1	157.7	155.4	30- 40	136.1	508.9	84,84
50	18.67	19.33	19.25	20.76	21.69	21.87	21.42	20.05	40- 50	56.67	565.6	93.4,93.4
60	8.032	8.329	8.229	8.535	8.804	8.939	8.941	8.613	50- 60	11.17	576.7	95.2,95.2
70	5.338	5.458	5.542	5.561	5.705	5.767	5.596	5.403	60- 70	6.781	583.5	96.3,96.3
80	3.955	4.048	4.137	4.011	3.926	3.938	3.863	3.805	70- 80	4.951	588.5	97.1,97.1
90	0.9221	0.9227	0.9313	0.9514	1.074	1.072	1.068	1.091	80- 90	3.179	591.7	97.7,97.7
100	1.004	1.019	1.002	1.015	1.280	1.261	1.283	1.300	90-100	1.150	592.8	97.9,97.9
110	1.366	1.374	1.371	1.359	1.586	1.565	1.582	1.592	100-110	1.371	594.2	98.1,98.1
120	1.809	1.816	1.815	1.791	1.981	1.962	1.982	1.985	110-120	1.655	595.8	98.4,98.4
130	2.463	2.482	2.464	2.444	2.598	2.583	2.597	2.618	120-130	1.954	597.8	98.7,98.7
140	3.285	3.311	3.303	3.277	3.364	3.347	3.361	3.385	130-140	2.269	600.1	99.1,99.1
150	3.769	3.797	3.776	3.786	3.833	3.815	3.832	3.839	140-150	2.251	602.3	99.4,99.4
160	4.150	4.175	4.163	4.165	4.192	4.181	4.201	4.222	150-160	1.841	604.1	99.7,99.7
170	4.442	4.460	4.451	4.461	4.479	4.469	4.493	4.480	160-170	1.226	605.4	99.9,99.9
180	4.519	4.532	4.535	4.543	4.526	4.532	4.535	4.543	170-180	0.4291	605.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

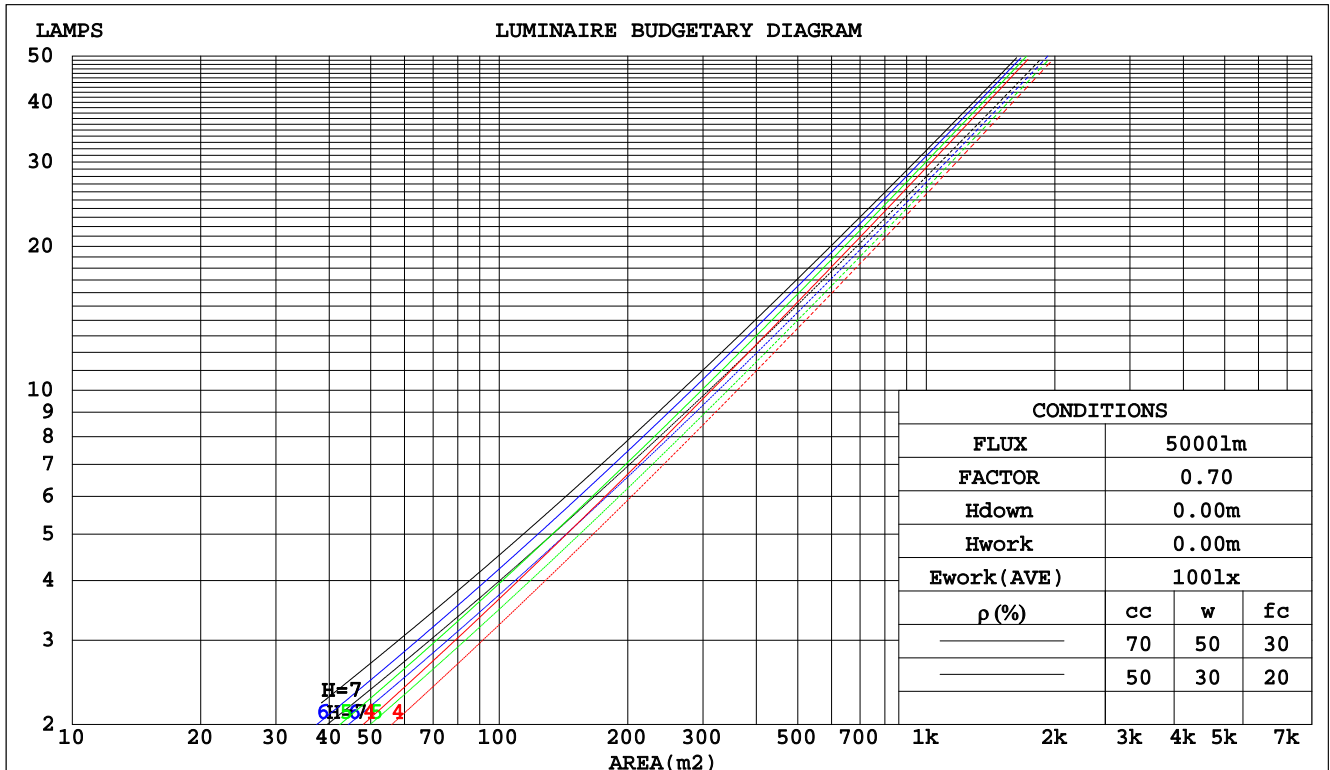
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:

### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.5V I:0.0440A P:8.530W PF:0.8410 Lamp Flux:605.803x1 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	1.03	1.03	1.01	.99	.98	.97	.96	.95	.93	.92	.90
2.0	1.01	.97	.93	.99	.96	.92	.96	.93	.90	.92	.90	.88	.89	.87	.85	.84
3.0	.94	.89	.85	.93	.88	.84	.90	.86	.82	.87	.83	.81	.84	.81	.79	.77
4.0	.88	.82	.78	.86	.81	.77	.84	.79	.76	.82	.78	.75	.80	.76	.74	.72
5.0	.82	.76	.72	.81	.75	.71	.79	.74	.70	.77	.73	.69	.75	.71	.69	.67
6.0	.77	.71	.66	.76	.70	.66	.74	.69	.65	.73	.68	.65	.71	.67	.64	.63
7.0	.72	.66	.62	.72	.66	.62	.70	.65	.61	.69	.64	.61	.67	.63	.60	.59
8.0	.68	.62	.58	.68	.62	.58	.66	.61	.57	.65	.60	.57	.64	.60	.57	.55
9.0	.65	.59	.54	.64	.58	.54	.63	.58	.54	.62	.57	.54	.61	.57	.53	.52
10.0	.61	.55	.51	.61	.55	.51	.60	.55	.51	.59	.54	.51	.58	.54	.51	.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:0.0440A P:8.530W PF:0.8410 Lamp Flux:605.803x1 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	.192	.109	.035	.184	.105	.033	.170	.098	.031	.158	.091	.029	.146	.084	.027	
2.0	.182	.100	.031	.175	.097	.030	.163	.091	.028	.152	.086	.027	.142	.080	.025	
3.0	.172	.091	.027	.166	.089	.027	.156	.085	.026	.146	.080	.025	.138	.076	.024	
4.0	.162	.084	.025	.158	.082	.024	.149	.079	.024	.140	.075	.023	.133	.072	.022	
5.0	.154	.078	.023	.150	.077	.022	.142	.074	.022	.134	.071	.021	.127	.068	.020	
6.0	.146	.073	.021	.142	.072	.021	.135	.069	.020	.129	.067	.020	.123	.065	.019	
7.0	.139	.069	.019	.136	.068	.019	.129	.065	.019	.123	.063	.018	.118	.061	.018	
8.0	.132	.065	.018	.129	.064	.018	.124	.062	.018	.118	.060	.017	.113	.058	.017	
9.0	.126	.061	.017	.123	.060	.017	.118	.059	.017	.114	.057	.016	.109	.055	.016	
10.0	.120	.058	.016	.118	.057	.016	.113	.056	.016	.109	.054	.015	.105	.053	.015	

ρcc	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	.121	.121	.121	.070	.070	.070	.022	.022	.022	
1.0	.190	.175	.162	.163	.150	.139	.111	.103	.096	.064	.060	.056	.021	.019	.018	
2.0	.176	.151	.129	.150	.130	.112	.103	.090	.078	.059	.052	.046	.019	.017	.015	
3.0	.164	.132	.106	.140	.114	.092	.096	.079	.065	.056	.046	.038	.018	.015	.012	
4.0	.154	.117	.089	.132	.101	.078	.091	.071	.055	.052	.041	.032	.017	.013	.011	
5.0	.145	.106	.077	.125	.092	.067	.086	.064	.047	.050	.038	.028	.016	.012	.009	
6.0	.138	.097	.067	.118	.084	.059	.082	.059	.041	.047	.034	.025	.015	.011	.008	
7.0	.131	.089	.060	.113	.077	.052	.078	.054	.037	.045	.032	.022	.015	.010	.007	
8.0	.125	.083	.054	.108	.072	.047	.075	.051	.033	.043	.030	.020	.014	.010	.007	
9.0	.120	.078	.049	.103	.068	.043	.072	.047	.031	.042	.028	.018	.014	.009	.006	
10.0	.115	.073	.046	.099	.064	.040	.069	.045	.028	.040	.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:0.0440A P:8.530W PF:0.8410 Lamp Flux:605.803x1 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	22.5	23.5	22.8	23.7	23.9	22.4	23.4	22.7	23.6	23.8	
	3H	22.5	23.4	22.8	23.6	23.9	22.4	23.3	22.7	23.6	23.8
	4H	22.5	23.3	22.8	23.6	23.9	22.4	23.3	22.8	23.6	23.8
	6H	22.6	23.4	22.9	23.6	23.9	22.5	23.3	22.9	23.6	23.9
	8H	22.6	23.4	23.0	23.7	24.0	22.6	23.4	23.0	23.7	24.0
	12H	22.8	23.5	23.1	23.8	24.1	22.8	23.5	23.1	23.8	24.1
4H	2H	22.3	23.2	22.6	23.4	23.7	22.2	23.1	22.6	23.3	23.6
	3H	22.3	23.1	22.7	23.4	23.7	22.3	23.0	22.6	23.3	23.6
	4H	22.4	23.1	22.8	23.4	23.8	22.4	23.0	22.8	23.4	23.7
	6H	22.6	23.2	23.0	23.6	23.9	22.6	23.2	23.0	23.5	23.9
	8H	22.8	23.3	23.2	23.7	24.1	22.8	23.3	23.2	23.7	24.1
	12H	23.0	23.5	23.4	23.9	24.3	23.0	23.5	23.5	23.9	24.4
8H	4H	22.4	22.9	22.8	23.3	23.7	22.3	22.9	22.8	23.3	23.7
	6H	22.7	23.1	23.1	23.6	24.0	22.7	23.1	23.1	23.6	24.0
	8H	23.0	23.4	23.4	23.8	24.3	23.0	23.4	23.5	23.8	24.3
	12H	23.3	23.7	23.8	24.1	24.7	23.4	23.7	23.9	24.2	24.7
12H	4H	22.4	22.8	22.8	23.3	23.7	22.3	22.8	22.8	23.2	23.7
	6H	22.7	23.1	23.2	23.6	24.1	22.7	23.1	23.2	23.6	24.0
	8H	23.0	23.4	23.6	23.9	24.4	23.1	23.4	23.6	23.9	24.4
Variations with the observer position at spacings:											
S = 1.0H	+ 2.1 / - 3.9					+ 2.1 / - 3.7					
1.5H	+ 4.1 / - 3.9					+ 4.1 / - 3.7					
2.0H	+ 4.0 / - 1.0					+ 4.0 / - 1.0					

CIE Pub.117 Corrected 605.8 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.7)

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:0.0440A P:8.530W PF:0.8410 Lamp Flux:605.803x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

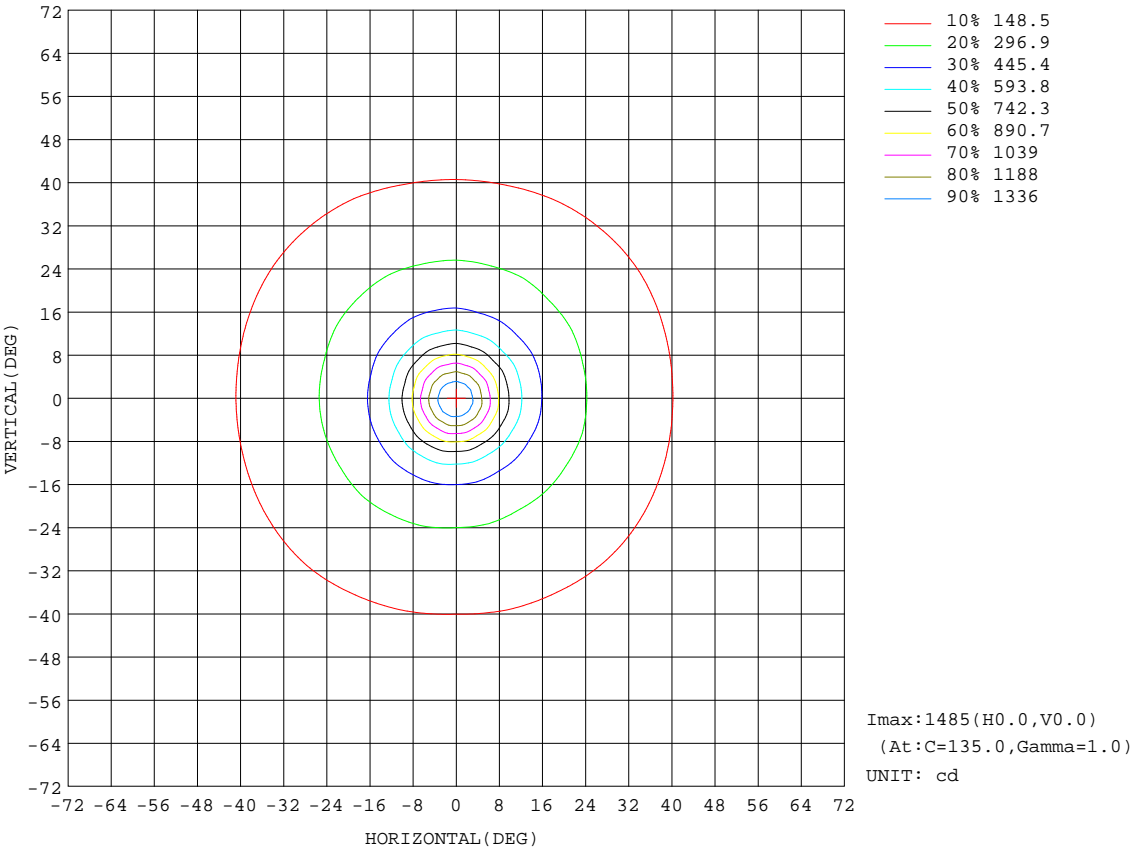
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	74	70	81	74	70	80	74	70	66
0.80	90	83	79	89	82	78	87	82	78	74
1.00	95	88	84	94	88	84	92	88	83	79
1.25	99	93	89	98	93	89	96	91	88	83
1.50	103	97	93	101	96	93	98	94	91	86
2.00	106	101	97	104	100	96	101	98	95	89
2.50	108	103	100	106	102	99	102	99	97	90
3.00	110	106	103	108	104	101	104	101	99	91
4.00	112	109	106	110	107	104	106	103	101	93
5.00	113	111	108	111	109	107	106	105	103	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: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:0.0440A P:8.530W PF:0.8410 Lamp Flux:605.803x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



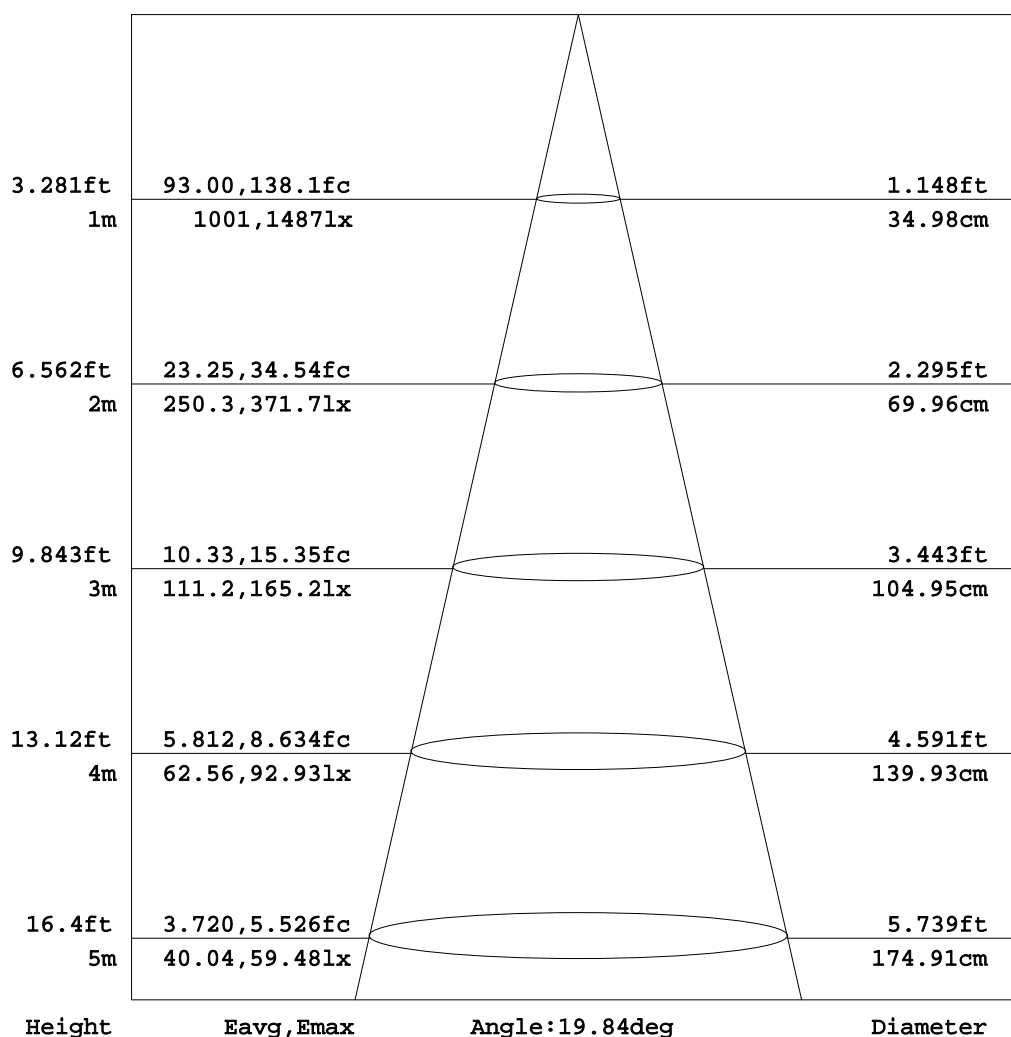
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:0.0440A P:8.530W PF:0.8410 Lamp Flux:605.803x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:97.77 lm



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

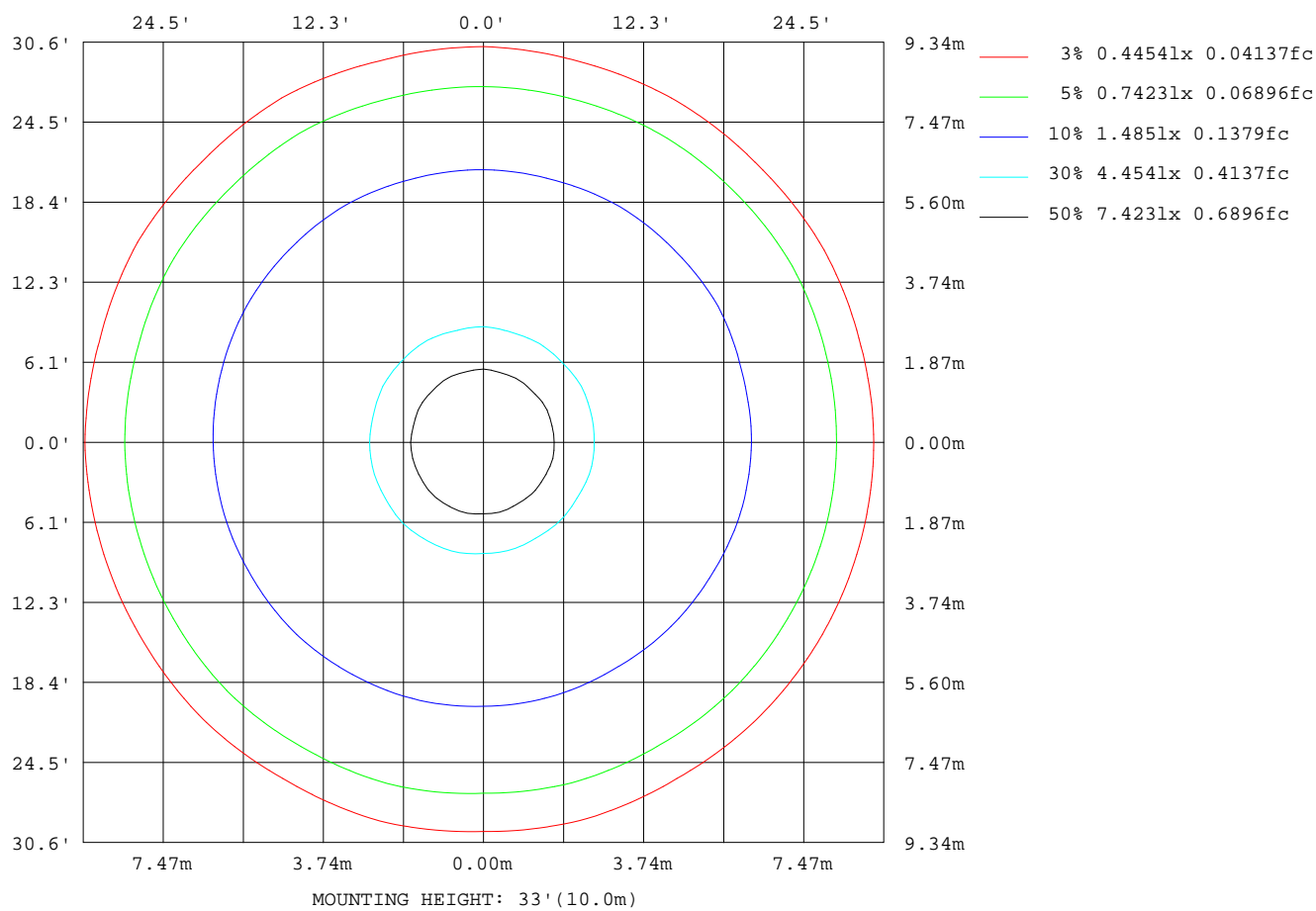
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

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

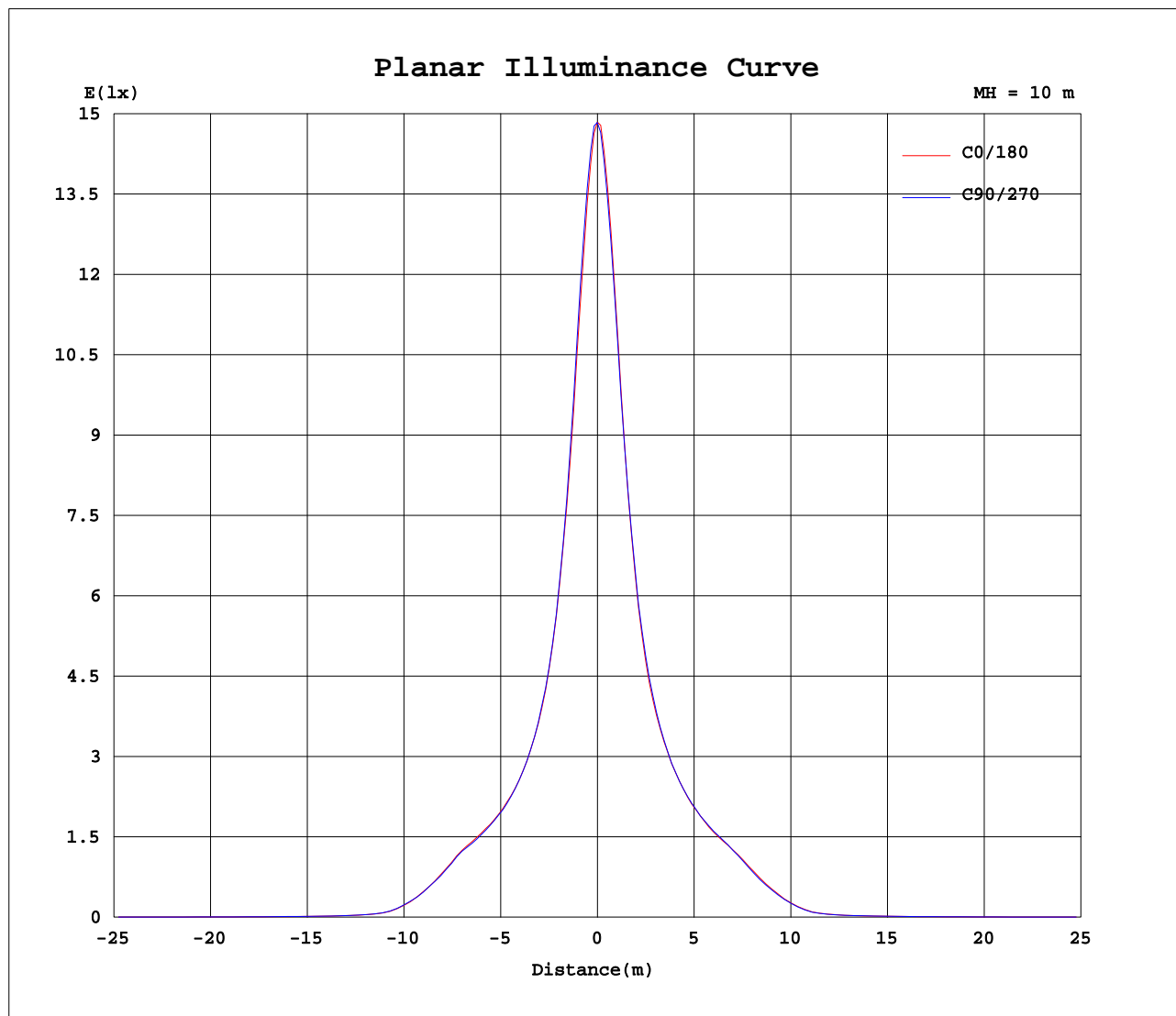
Test:U:226.5V I:0.0440A P:8.530W PF:0.8410 Lamp Flux:605.803x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.0440A P:8.530W PF:0.8410 Lamp Flux:605.803x1 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	1484	1484	1484	1484	1484	1484	1484	1484	1484	1484	1484	1484	1484	1484	1484	1484	1484	1484	1484
5	1162	1180	1170	1189	1183	1201	1196	1209	1194	1209	1193	1202	1198	1183	1191	1182	1190	1174	1182
10	727	732	717	724	718	736	733	749	746	752	741	745	747	735	749	745	757	746	753
15	471	471	462	467	464	473	475	486	485	492	484	487	488	485	494	496	502	494	497
20	352	352	345	348	346	352	353	359	360	365	362	367	371	368	372	372	377	371	372
25	290	289	284	285	283	287	286	292	293	297	295	299	301	300	304	304	306	303	303
30	255	253	249	248	247	249	250	253	254	256	257	257	259	260	263	264	264	263	262
35	227	224	222	222	220	224	224	226	225	228	225	227	229	230	232	231	233	228	228
40	152	151	150	149	148	153	150	155	155	161	160	161	163	162	166	163	165	159	158
45	63.3	64.8	62.7	64.1	63.7	66.1	65.3	67.9	65.9	68.4	68.8	73.5	76.2	76.1	77.1	76.7	78.0	73.2	74.1
50	18.7	19.1	18.8	19.3	19.3	19.5	19.2	19.7	19.7	20.8	21.0	21.5	21.7	21.6	22.1	21.9	22.3	21.2	21.4
55	11.1	11.2	11.2	11.3	11.3	11.4	11.2	11.3	11.3	11.8	11.8	12.1	12.3	12.3	12.5	12.3	12.5	12.4	12.5
60	8.03	8.11	8.15	8.33	8.44	8.45	8.23	8.29	8.27	8.54	8.62	8.75	8.80	8.85	8.99	8.94	9.06	8.96	8.94
65	6.40	6.45	6.45	6.61	6.68	6.68	6.51	6.55	6.57	6.70	6.74	6.86	6.90	6.96	7.11	7.06	7.11	6.97	6.92
70	5.34	5.36	5.37	5.46	5.54	5.60	5.54	5.55	5.53	5.56	5.58	5.66	5.71	5.75	5.81	5.77	5.77	5.67	5.60
75	4.52	4.56	4.57	4.61	4.67	4.71	4.72	4.73	4.70	4.70	4.71	4.71	4.74	4.73	4.75	4.74	4.76	4.70	4.62
80	3.95	3.99	4.02	4.05	4.11	4.11	4.14	4.09	4.04	4.01	3.97	3.93	3.93	3.88	3.89	3.94	3.99	3.93	3.86
85	3.12	3.20	3.18	3.25	3.31	3.40	3.43	3.48	3.42	3.35	3.27	3.19	3.20	3.15	3.16	3.21	3.27	3.21	3.14
90	0.92	0.91	0.92	0.92	0.95	0.92	0.93	0.94	0.93	0.95	0.94	0.93	1.07	1.08	1.07	1.07	1.08	1.07	1.07
95	0.93	0.94	0.93	0.94	0.95	0.94	0.94	0.94	0.93	0.94	0.93	0.93	1.16	1.15	1.16	1.16	1.17	1.15	1.16
100	1.00	1.02	1.00	1.02	1.01	1.02	1.00	1.02	1.00	1.01	1.00	1.00	1.28	1.26	1.27	1.26	1.28	1.26	1.28
105	1.16	1.17	1.16	1.17	1.17	1.17	1.15	1.17	1.15	1.16	1.15	1.15	1.42	1.40	1.42	1.40	1.42	1.41	1.42
110	1.37	1.37	1.36	1.37	1.37	1.37	1.37	1.36	1.34	1.36	1.34	1.34	1.59	1.56	1.57	1.56	1.58	1.57	1.58
115	1.57	1.58	1.58	1.58	1.58	1.58	1.57	1.57	1.55	1.56	1.55	1.55	1.77	1.75	1.76	1.74	1.76	1.75	1.76
120	1.81	1.81	1.81	1.82	1.82	1.82	1.81	1.81	1.78	1.79	1.77	1.77	1.98	1.96	1.97	1.96	1.98	1.97	1.98
125	2.09	2.10	2.10	2.11	2.10	2.10	2.10	2.09	2.08	2.08	2.06	2.06	2.25	2.23	2.24	2.23	2.25	2.24	2.25
130	2.46	2.48	2.47	2.48	2.47	2.48	2.46	2.47	2.45	2.44	2.43	2.42	2.60	2.58	2.59	2.58	2.59	2.58	2.60
135	2.89	2.91	2.91	2.91	2.91	2.91	2.89	2.90	2.88	2.87	2.86	2.85	3.00	3.00	2.99	2.98	2.99	2.99	3.00
140	3.29	3.30	3.30	3.31	3.31	3.31	3.30	3.30	3.27	3.28	3.26	3.26	3.36	3.34	3.35	3.35	3.36	3.35	3.36
145	3.57	3.59	3.57	3.60	3.58	3.60	3.58	3.59	3.57	3.58	3.55	3.56	3.64	3.62	3.63	3.61	3.63	3.62	3.64
150	3.77	3.79	3.77	3.80	3.78	3.80	3.78	3.79	3.76	3.79	3.76	3.76	3.83	3.80	3.82	3.81	3.83	3.82	3.83
155	3.96	3.97	3.97	3.98	3.97	3.98	3.96	3.97	3.95	3.96	3.95	3.96	4.01	3.99	4.00	3.99	4.01	4.00	4.01
160	4.15	4.16	4.16	4.17	4.16	4.18	4.16	4.17	4.15	4.16	4.15	4.16	4.19	4.18	4.19	4.18	4.20	4.19	4.20
165	4.32	4.34	4.32	4.34	4.33	4.35	4.33	4.35	4.33	4.34	4.33	4.34	4.36	4.35	4.36	4.36	4.37	4.36	4.37
170	4.44	4.46	4.43	4.46	4.44	4.46	4.45	4.47	4.45	4.46	4.44	4.46	4.48	4.47	4.47	4.47	4.49	4.47	4.49
175	4.48	4.49	4.48	4.50	4.49	4.51	4.51	4.51	4.50	4.51	4.50	4.51	4.51	4.50	4.51	4.51	4.51	4.51	4.52
180	4.52	4.52	4.52	4.53	4.53	4.54	4.54	4.54	4.54	4.54	4.54	4.54	4.53	4.53	4.52	4.53	4.53	4.54	4.54

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:0.0440A P:8.530W PF:0.8410 Lamp Flux:605.803x1 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	1484	1484	1484	1484	1484														
5	1165	1174	1159	1170	1159														
10	737	739	725	736	724														
15	487	486	480	483	475														
20	365	365	359	359	353														
25	300	300	295	294	290														
30	261	260	259	256	255														
35	228	229	228	229	227														
40	155	157	155	157	154														
45	67.8	67.1	63.7	64.4	62.7														
50	20.5	20.5	20.0	19.7	18.7														
55	12.2	12.1	11.8	11.7	11.3														
60	8.80	8.73	8.61	8.57	8.25														
65	6.80	6.80	6.69	6.70	6.54														
70	5.50	5.45	5.40	5.43	5.39														
75	4.54	4.50	4.50	4.54	4.56														
80	3.80	3.77	3.81	3.88	3.96														
85	3.07	3.05	3.08	3.17	3.19														
90	1.08	1.07	1.09	1.09	1.09														
95	1.15	1.17	1.16	1.18	1.15														
100	1.26	1.29	1.30	1.30	1.30														
105	1.41	1.43	1.42	1.44	1.44														
110	1.58	1.59	1.59	1.61	1.59														
115	1.75	1.78	1.77	1.79	1.78														
120	1.97	1.99	1.98	2.00	2.00														
125	2.25	2.27	2.27	2.28	2.28														
130	2.60	2.61	2.62	2.64	2.64														
135	3.01	3.01	3.03	3.04	3.04														
140	3.36	3.37	3.39	3.39	3.39														
145	3.63	3.65	3.65	3.67	3.65														
150	3.84	3.84	3.84	3.85	3.84														
155	4.01	4.02	4.02	4.03	4.02														
160	4.21	4.21	4.22	4.22	4.21														
165	4.36	4.38	4.37	4.38	4.36														
170	4.49	4.49	4.48	4.49	4.47														
175	4.51	4.52	4.52	4.52	4.51														
180	4.54	4.54	4.54	4.54	4.53														

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: