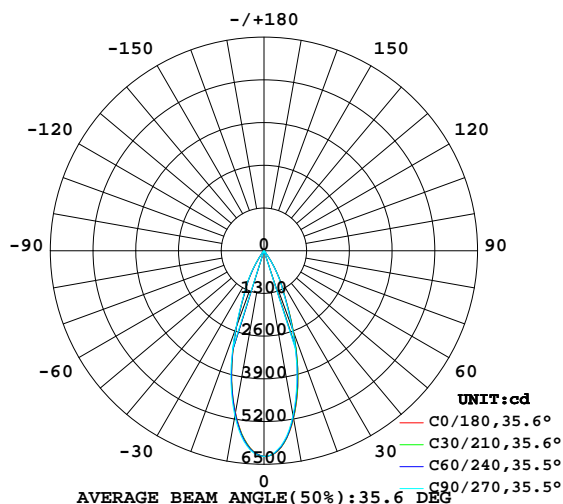


## LUMINAIRE PHOTOMETRIC TEST REPORT

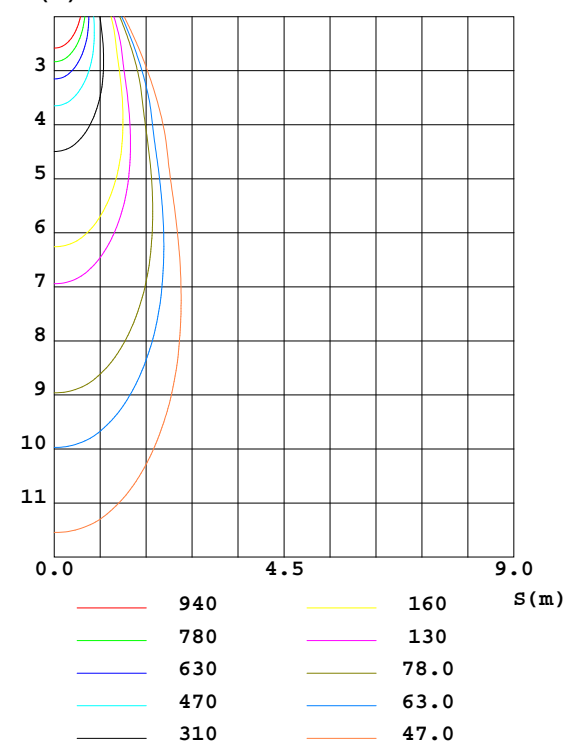
Test:U:226.5V I:0.1250A P:27.10W PF:0.9590 Lamp Flux:2656.39x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 98.02 lm/W			
MODEL	TL30-30W-840-B-36	Imax(cd)	6261	S/MH(C0/180)	0.59
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.58
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2656.4	η UP,DN(C0-180)	1.2,49.1
NOMINAL FLUX(lm)	2656.39	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.3
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.5	η down(%)	97.4	CIBSE SHR MAX	0.60

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	5185	5187	5085	5041	5003	4992	5105	5142	0- 10	540.9	540.9	20.4,20.4
20	2623	2644	2511	2505	2436	2390	2513	2509	10- 20	1055	1595	60.1,60.1
30	844.7	850.4	799.9	809.6	767.9	755.8	809.1	809.9	20- 30	677.6	2273	85.6,85.6
40	95.11	99.63	95.17	96.78	94.87	93.77	94.36	99.44	30- 40	199.4	2472	93.1,93.1
50	43.69	44.21	43.04	43.20	42.44	41.97	42.95	43.52	40- 50	49.57	2522	94.9,94.9
60	24.40	24.39	23.99	24.23	23.77	23.40	24.10	24.03	50- 60	29.21	2551	96,96
70	14.21	14.29	14.06	14.15	13.66	13.70	14.11	13.99	60- 70	18.32	2570	96.7,96.7
80	7.355	7.545	7.280	7.192	7.253	7.287	7.420	7.490	70- 80	11.19	2581	97.2,97.2
90	5.038	4.992	5.005	4.963	6.101	6.086	6.077	6.077	80- 90	6.349	2587	97.4,97.4
100	4.688	4.688	4.675	4.684	6.372	6.368	6.359	6.353	90-100	6.009	2593	97.6,97.6
110	5.382	5.351	5.409	5.434	7.097	7.106	7.061	7.057	100-110	6.112	2599	97.8,97.8
120	7.816	7.733	7.890	7.908	9.117	9.151	9.032	9.013	110-120	7.131	2606	98.1,98.1
130	11.84	11.77	11.96	12.02	12.78	12.83	12.65	12.60	120-130	9.182	2616	98.5,98.5
140	16.43	16.38	16.55	16.59	17.09	17.14	16.97	16.92	130-140	11.22	2627	98.9,98.9
150	20.10	20.05	20.16	20.18	20.53	20.56	20.45	20.43	140-150	11.68	2638	99.3,99.3
160	21.60	21.58	21.58	21.58	21.83	21.83	21.80	21.80	150-160	9.788	2648	99.7,99.7
170	21.41	21.37	21.33	21.30	21.56	21.53	21.54	21.57	160-170	6.139	2654	99.9,99.9
180	21.75	21.72	21.70	21.70	21.75	21.72	21.70	21.71	170-180	2.047	2656	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

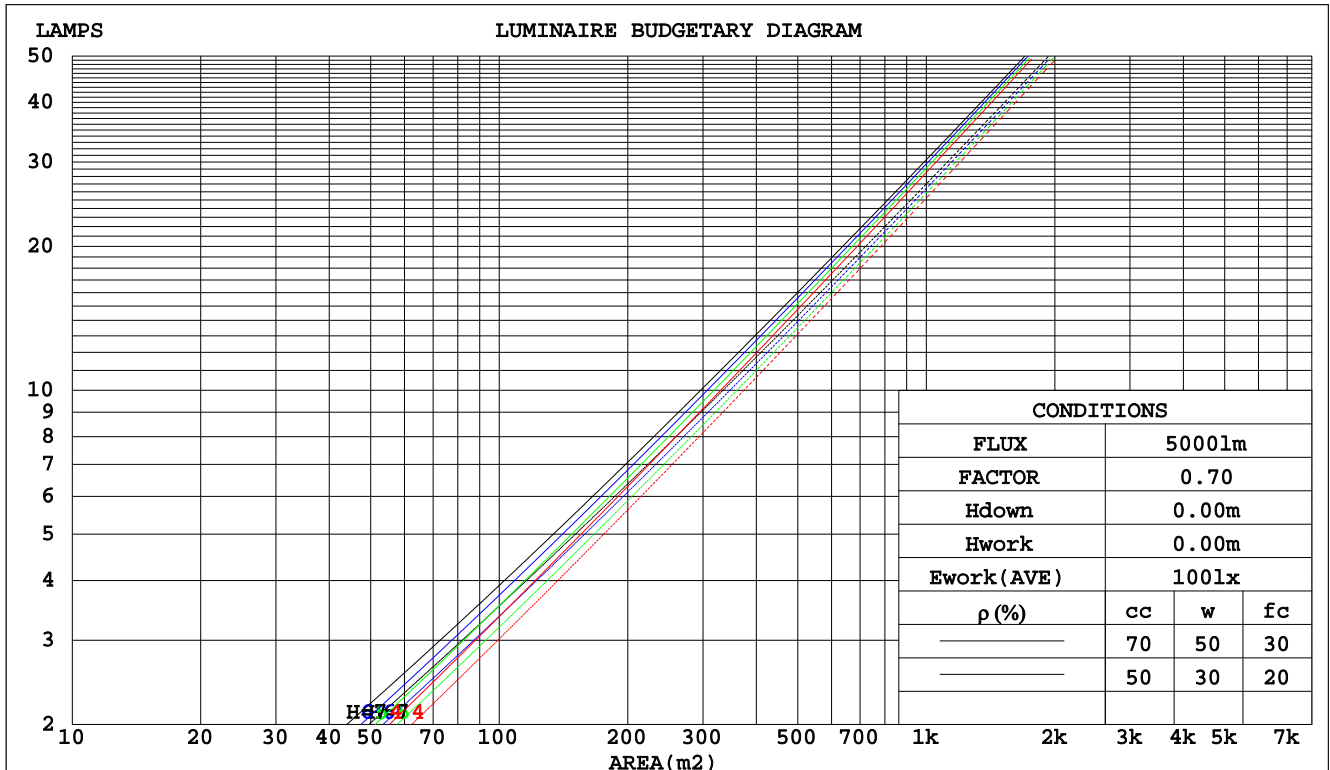
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:0.1250A P:27.10W PF:0.9590 Lamp Flux:2656.39x1 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	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.11	1.09	1.07	1.08	1.06	1.05	1.04	1.02	1.01	.00	.99	.98	.96	.95	.94	.92
2.0	1.04	1.01	.98	1.02	.99	.96	.99	.96	.94	.95	.93	.92	.92	.91	.89	.88
3.0	.99	.94	.91	.97	.93	.90	.94	.91	.88	.91	.89	.86	.89	.87	.85	.83
4.0	.93	.89	.85	.92	.88	.84	.90	.86	.83	.88	.84	.82	.85	.83	.81	.79
5.0	.89	.84	.80	.88	.83	.80	.86	.82	.79	.84	.80	.78	.82	.79	.77	.76
6.0	.85	.80	.76	.84	.79	.76	.82	.78	.75	.81	.77	.74	.79	.76	.74	.72
7.0	.81	.76	.72	.80	.75	.72	.79	.74	.71	.77	.74	.71	.76	.73	.70	.69
8.0	.77	.72	.69	.77	.72	.69	.76	.71	.68	.74	.71	.68	.73	.70	.67	.66
9.0	.74	.69	.66	.74	.69	.66	.73	.68	.65	.72	.68	.65	.71	.67	.65	.64
10.0	.71	.66	.63	.71	.66	.63	.70	.66	.63	.69	.65	.63	.68	.65	.62	.61



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:0.1250A P:27.10W PF:0.9590 Lamp Flux:2656.39x1 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	.163	.093	.029	.156	.089	.028	.142	.081	.026	.129	.074	.024	.117	.068	.022	
2.0	.153	.084	.026	.146	.081	.025	.134	.075	.023	.124	.069	.022	.114	.064	.020	
3.0	.143	.076	.023	.138	.074	.022	.128	.069	.021	.118	.065	.020	.110	.061	.019	
4.0	.135	.070	.021	.130	.068	.020	.121	.064	.019	.113	.061	.018	.106	.057	.018	
5.0	.127	.065	.019	.123	.063	.018	.116	.060	.018	.109	.057	.017	.102	.055	.016	
6.0	.121	.061	.017	.117	.059	.017	.111	.057	.016	.104	.054	.016	.098	.052	.015	
7.0	.115	.057	.016	.112	.056	.016	.106	.054	.015	.100	.051	.015	.095	.049	.015	
8.0	.110	.054	.015	.107	.053	.015	.102	.051	.014	.097	.049	.014	.092	.047	.014	
9.0	.105	.051	.014	.102	.050	.014	.098	.048	.014	.093	.047	.013	.089	.045	.013	
10.0	.101	.048	.013	.098	.047	.013	.094	.046	.013	.090	.045	.013	.086	.043	.012	

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	.210	.210	.210	.180	.180	.180	.123	.123	.123	.070	.070	.070	.023	.023	.023	
1.0	.190	.177	.166	.163	.152	.143	.111	.105	.099	.064	.061	.057	.021	.020	.019	
2.0	.174	.153	.135	.149	.131	.117	.102	.091	.081	.059	.053	.048	.019	.017	.016	
3.0	.160	.134	.113	.137	.115	.098	.094	.080	.068	.054	.047	.040	.018	.015	.013	
4.0	.149	.119	.096	.128	.103	.083	.088	.072	.059	.051	.042	.035	.016	.014	.011	
5.0	.139	.107	.083	.120	.093	.072	.082	.065	.051	.048	.038	.030	.015	.012	.010	
6.0	.131	.097	.073	.113	.084	.064	.078	.059	.045	.045	.035	.027	.015	.011	.009	
7.0	.124	.090	.065	.107	.078	.057	.074	.054	.040	.043	.032	.024	.014	.010	.008	
8.0	.118	.083	.059	.102	.072	.051	.070	.051	.036	.041	.030	.022	.013	.010	.007	
9.0	.113	.078	.054	.097	.067	.047	.067	.047	.033	.039	.028	.020	.013	.009	.007	
10.0	.108	.073	.050	.093	.064	.044	.065	.045	.031	.038	.026	.018	.012	.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:0.1250A P:27.10W PF:0.9590 Lamp Flux:2656.39x1 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	16.9	17.7	17.1	17.9	18.1	16.7	17.5	16.9	17.7	17.9	
	3H	17.1	17.9	17.4	18.1	18.3	16.9	17.7	17.2	17.9	18.1
	4H	17.3	18.0	17.6	18.2	18.5	17.1	17.8	17.4	18.0	18.3
	6H	17.4	18.1	17.8	18.4	18.7	17.3	17.9	17.6	18.2	18.5
	8H	17.5	18.1	17.8	18.4	18.7	17.3	17.9	17.7	18.2	18.5
	12H	17.6	18.2	17.9	18.5	18.8	17.4	18.0	17.8	18.3	18.6
4H	2H	16.8	17.5	17.2	17.8	18.1	16.6	17.3	17.0	17.6	17.9
	3H	17.2	17.8	17.6	18.1	18.5	17.0	17.6	17.4	17.9	18.3
	4H	17.5	18.0	17.9	18.4	18.7	17.3	17.8	17.7	18.2	18.5
	6H	17.8	18.2	18.2	18.6	19.0	17.6	18.1	18.0	18.4	18.8
	8H	17.9	18.3	18.3	18.7	19.1	17.7	18.2	18.1	18.6	19.0
	12H	18.0	18.4	18.5	18.9	19.3	17.9	18.3	18.3	18.7	19.1
8H	4H	17.5	18.0	17.9	18.4	18.8	17.4	17.8	17.8	18.2	18.6
	6H	17.9	18.3	18.4	18.7	19.2	17.8	18.1	18.2	18.6	19.0
	8H	18.1	18.4	18.6	18.9	19.4	17.9	18.3	18.4	18.7	19.2
	12H	18.4	18.7	18.9	19.1	19.7	18.2	18.5	18.7	19.0	19.5
12H	4H	17.5	17.9	17.9	18.3	18.8	17.3	17.7	17.8	18.2	18.6
	6H	17.9	18.2	18.4	18.7	19.2	17.8	18.1	18.3	18.6	19.1
	8H	18.1	18.4	18.7	18.9	19.4	18.0	18.3	18.5	18.8	19.3
Variations with the observer position at spacings:											
S = 1.0H	+ 0.7 / - 0.7					+ 0.7 / - 0.7					
1.5H	+ 1.4 / - 0.6					+ 1.3 / - 0.6					
2.0H	+ 0.8 / - 0.5					+ 0.8 / - 0.5					

CIE Pub.117 Corrected 2656 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.4)

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:0.1250A P:27.10W PF:0.9590 Lamp Flux:2656.39x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

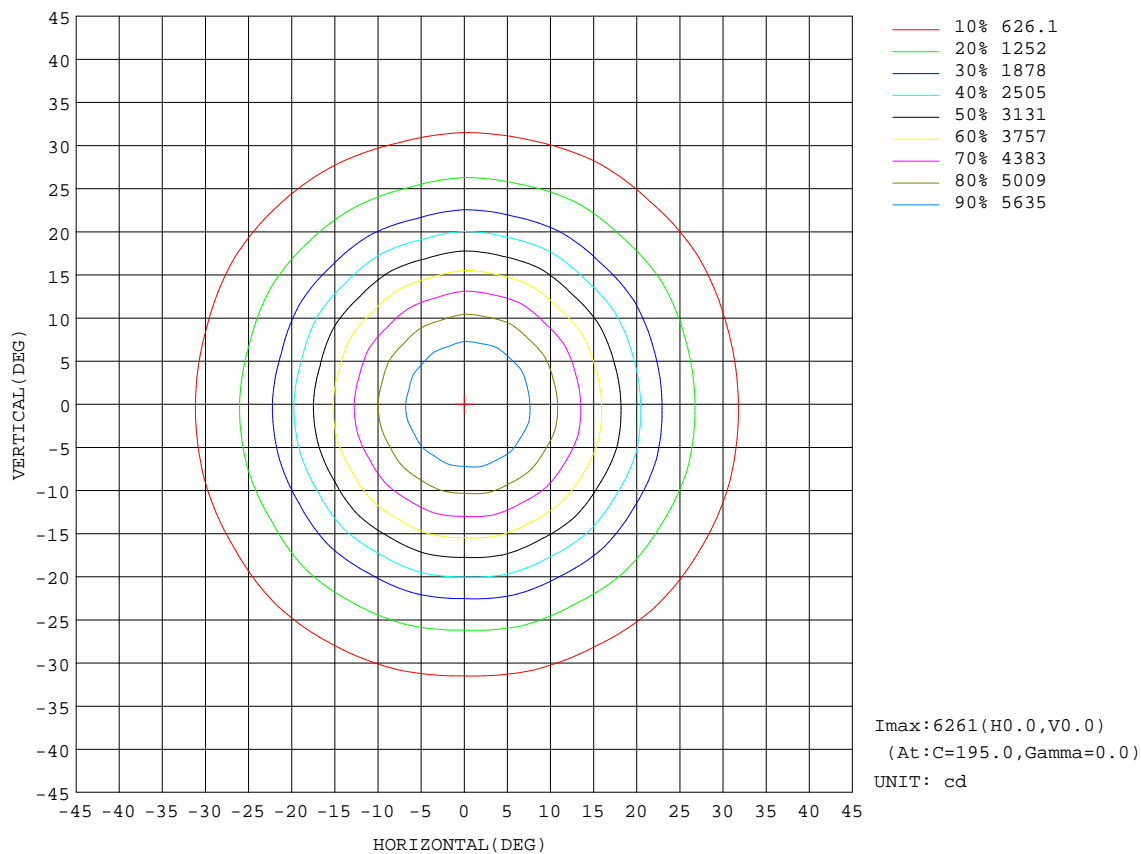
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	74
0.80	94	89	85	94	88	85	92	88	84	81
1.00	99	93	89	98	93	89	96	92	88	84
1.25	102	97	94	101	97	93	99	95	92	88
1.50	105	100	97	104	99	96	101	98	95	90
2.00	108	103	100	106	102	99	103	100	98	92
2.50	109	106	103	108	104	101	104	101	99	93
3.00	111	107	105	109	106	103	105	103	101	94
4.00	113	110	108	111	108	106	107	105	103	95
5.00	114	112	110	112	110	108	108	106	105	96
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:0.1250A P:27.10W PF:0.9590 Lamp Flux:2656.39x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



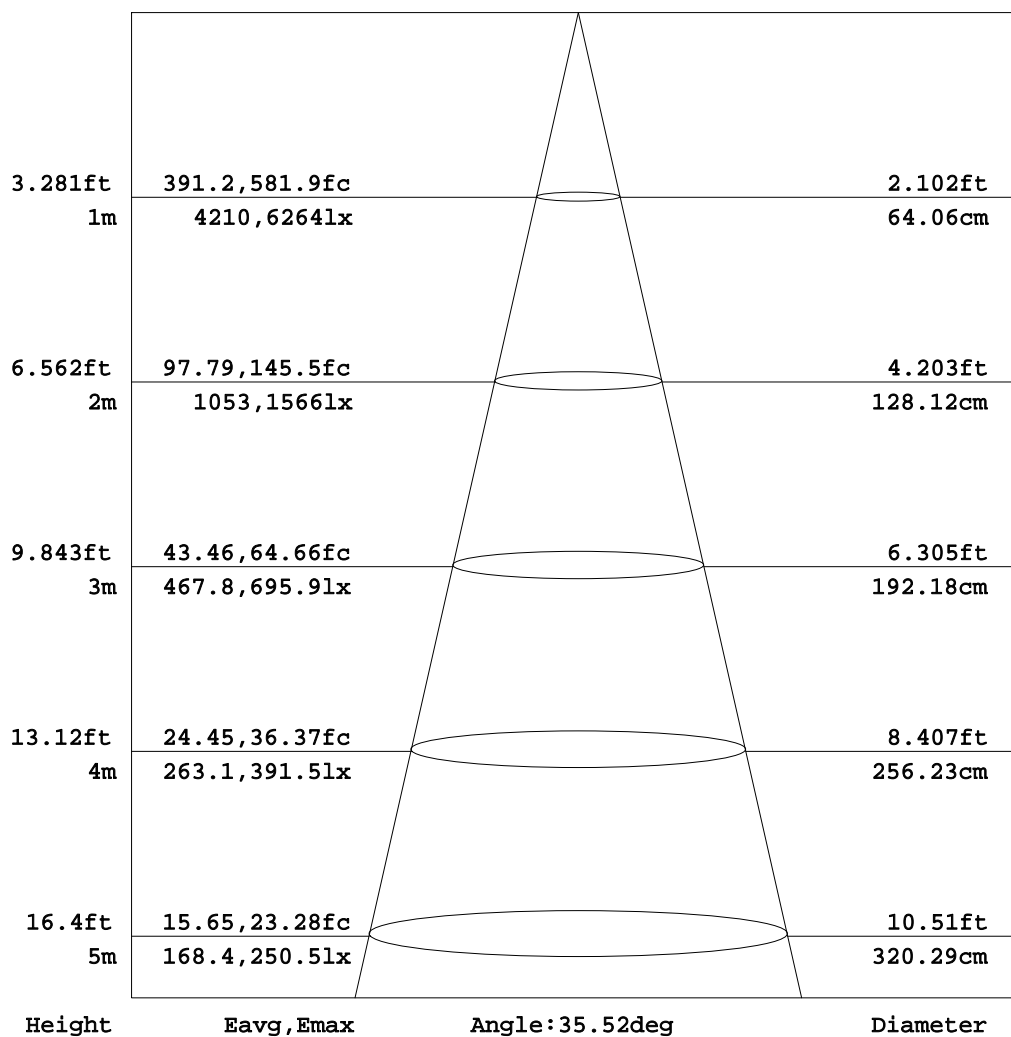
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:0.1250A P:27.10W PF:0.9590 Lamp Flux:2656.39x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:1396 lm



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

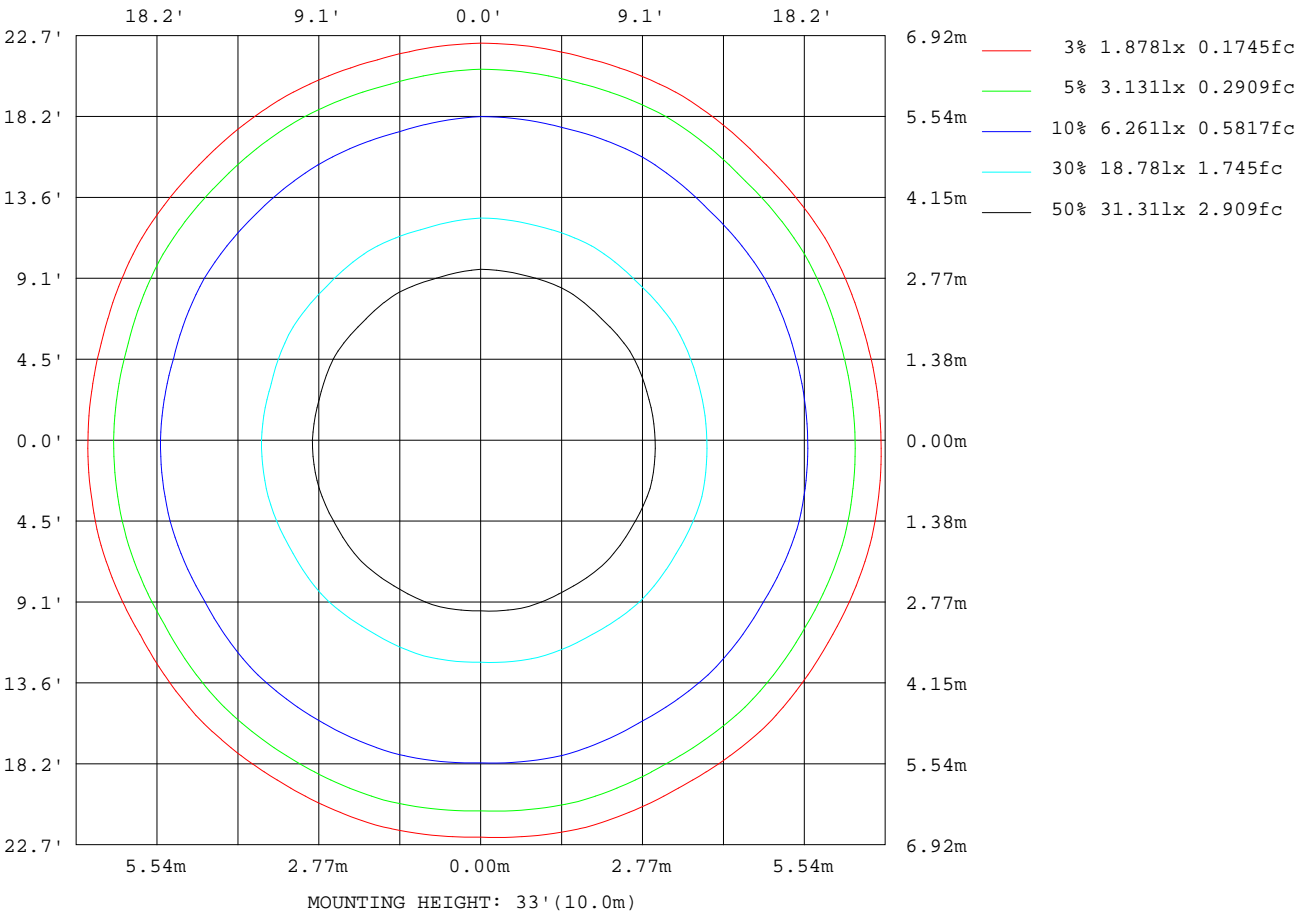
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

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

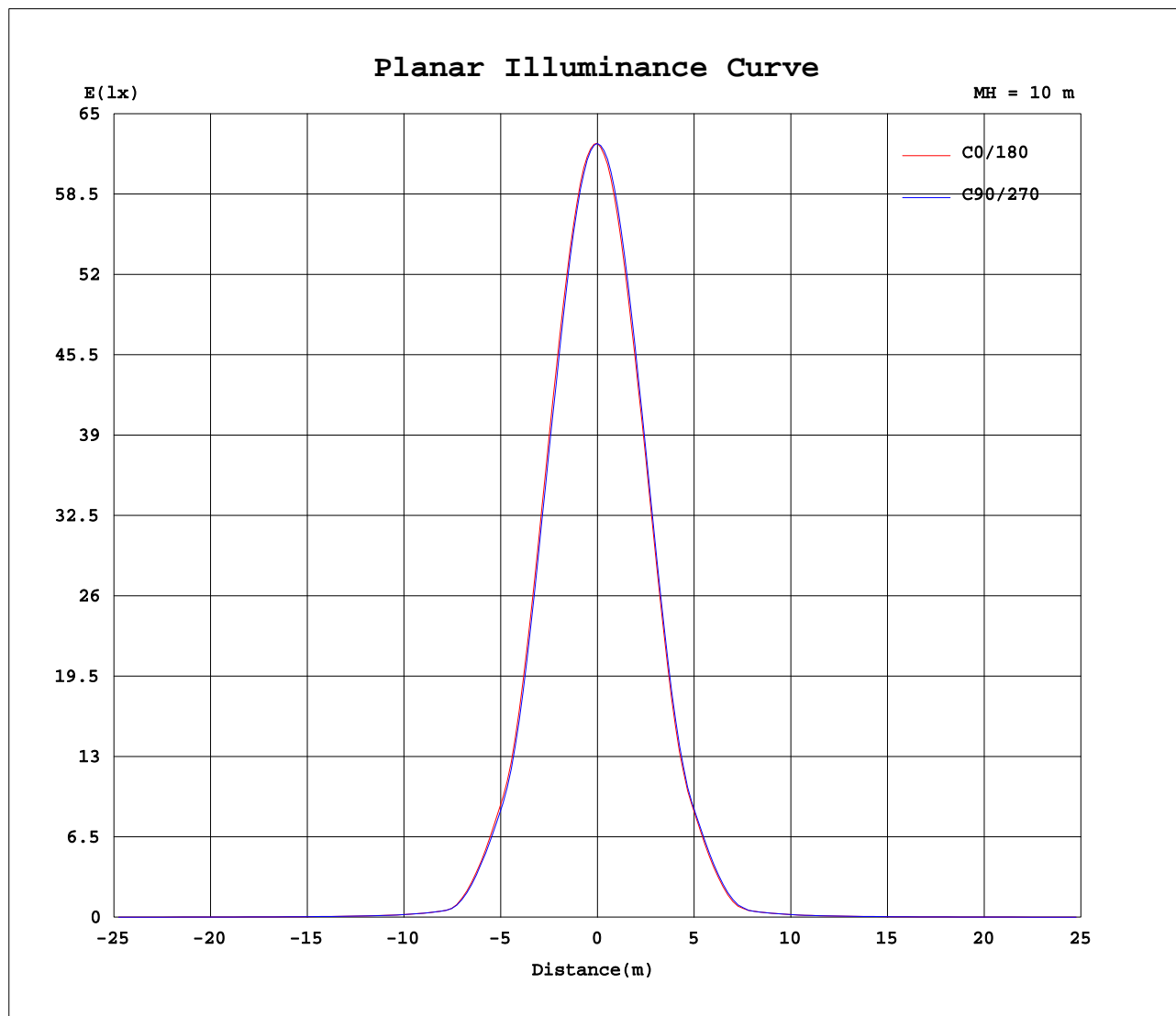
Test:U:226.5V I:0.1250A P:27.10W PF:0.9590 Lamp Flux:2656.39x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.1250A P:27.10W PF:0.9590 Lamp Flux:2656.39x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										SUR.:					PROTECTION ANGLE:				

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	6261	6261	6261	6261	6261	6261	6261	6261	6261	6261	6261	6261	6261	6261	6261	6261	6261	6261	6261
5	6007	6027	5998	6011	5984	5991	5959	5957	5928	5931	5898	5907	5898	5879	5905	5895	5931	5928	5968
10	5185	5209	5169	5187	5137	5148	5085	5086	5033	5041	4988	5008	5003	4980	5019	4992	5043	5030	5105
15	3999	4044	3990	4007	3931	3951	3880	3906	3843	3864	3797	3823	3817	3764	3818	3770	3830	3802	3895
20	2623	2688	2615	2644	2562	2587	2511	2540	2471	2505	2423	2452	2436	2370	2436	2390	2461	2420	2513
25	1475	1523	1456	1499	1426	1450	1407	1424	1405	1417	1370	1383	1374	1346	1370	1352	1376	1361	1412
30	845	867	834	850	815	837	800	828	810	810	760	779	768	745	773	756	767	758	809
35	279	299	294	306	282	287	260	273	254	256	234	243	232	226	249	241	249	243	261
40	95.1	97.3	97.6	99.6	97.0	96.8	95.2	96.1	95.2	96.8	95.4	96.0	94.9	93.8	95.8	93.8	94.2	92.5	94.4
45	62.3	64.0	63.4	64.2	62.5	62.9	61.7	62.4	61.8	63.0	62.2	63.0	62.2	61.4	62.4	61.3	61.8	60.9	62.5
50	43.7	44.3	44.1	44.2	43.4	43.5	43.0	43.3	42.9	43.2	42.8	43.0	42.4	42.2	42.4	42.0	42.3	42.1	43.0
55	32.8	33.2	32.9	32.9	32.4	32.5	32.2	32.4	32.2	32.4	32.2	32.4	31.8	31.6	31.7	31.4	31.7	31.7	32.3
60	24.4	24.6	24.4	24.4	24.1	24.2	24.0	24.1	24.0	24.2	24.1	24.3	23.8	23.4	23.6	23.4	23.7	23.7	24.1
65	18.5	18.7	18.5	18.5	18.3	18.4	18.2	18.4	18.2	18.4	18.3	18.4	17.9	17.7	17.8	17.7	18.0	18.0	18.3
70	14.2	14.4	14.3	14.3	14.1	14.2	14.1	14.1	14.1	14.1	14.0	14.1	13.7	13.6	13.7	13.7	13.8	13.9	14.1
75	10.6	10.8	10.8	10.8	10.7	10.7	10.6	10.6	10.6	10.6	10.4	10.4	10.3	10.3	10.4	10.4	10.4	10.4	10.6
80	7.35	7.53	7.47	7.54	7.40	7.43	7.28	7.34	7.17	7.19	7.01	7.05	7.25	7.22	7.31	7.29	7.35	7.32	7.42
85	5.27	5.24	5.26	5.23	5.25	5.21	5.24	5.21	5.23	5.21	5.23	5.20	5.92	5.92	5.91	5.91	5.90	5.90	5.89
90	5.04	5.01	5.02	4.99	5.01	4.98	5.00	4.97	5.00	4.96	4.99	4.96	6.10	6.10	6.09	6.09	6.08	6.07	6.08
95	4.81	4.77	4.80	4.77	4.79	4.75	4.78	4.74	4.77	4.74	4.77	4.73	6.23	6.23	6.23	6.23	6.22	6.21	6.22
100	4.69	4.68	4.68	4.69	4.68	4.68	4.67	4.67	4.68	4.68	4.68	4.67	6.37	6.37	6.37	6.37	6.36	6.36	6.36
105	4.84	4.83	4.84	4.83	4.84	4.83	4.84	4.85	4.86	4.86	4.88	4.87	6.63	6.64	6.62	6.64	6.62	6.62	6.61
110	5.38	5.36	5.37	5.35	5.38	5.37	5.41	5.40	5.44	5.43	5.47	5.45	7.10	7.12	7.09	7.11	7.07	7.09	7.06
115	6.36	6.30	6.34	6.30	6.36	6.33	6.41	6.38	6.46	6.43	6.50	6.46	7.90	7.93	7.89	7.92	7.86	7.89	7.84
120	7.82	7.73	7.80	7.73	7.83	7.78	7.89	7.84	7.96	7.91	8.02	7.95	9.12	9.18	9.11	9.15	9.08	9.11	9.03
125	9.67	9.57	9.66	9.59	9.70	9.65	9.77	9.72	9.85	9.80	9.93	9.86	10.8	10.8	10.8	10.8	10.7	10.8	10.7
130	11.8	11.8	11.8	11.8	11.9	11.8	12.0	11.9	12.1	12.0	12.1	12.1	12.8	12.9	12.8	12.8	12.7	12.8	12.6
135	14.2	14.1	14.2	14.1	14.2	14.2	14.3	14.3	14.4	14.3	14.5	14.4	15.0	15.0	14.9	15.0	14.9	14.9	14.8
140	16.4	16.4	16.4	16.4	16.5	16.4	16.5	16.5	16.6	16.6	16.7	16.6	17.1	17.2	17.1	17.1	17.0	17.1	17.0
145	18.5	18.4	18.5	18.4	18.5	18.5	18.6	18.5	18.6	18.6	18.7	18.6	19.0	19.1	19.0	19.1	19.0	19.0	18.9
150	20.1	20.0	20.1	20.1	20.1	20.1	20.2	20.1	20.2	20.2	20.3	20.2	20.5	20.6	20.5	20.6	20.5	20.5	20.5
155	21.1	21.1	21.1	21.1	21.1	21.1	21.2	21.1	21.2	21.2	21.2	21.2	21.5	21.5	21.5	21.5	21.4	21.5	21.4
160	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.8	21.8	21.8	21.8	21.8	21.8	21.8
165	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.5	21.5	21.5	21.8	21.8	21.8	21.8	21.8	21.8	21.8
170	21.4	21.4	21.4	21.4	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.6	21.6	21.5	21.5	21.5	21.5	21.5
175	21.4	21.4	21.4	21.4	21.4	21.4	21.3	21.3	21.3	21.3	21.3	21.3	21.4	21.5	21.5	21.5	21.5	21.5	21.5
180	21.8	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7

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:

# LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.5V I:0.1250A P:27.10W PF:0.9590 Lamp Flux:2656.39x1 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	6261	6261	6261	6261	6261														
5	5965	6001	5993	6017	5998														
10	5106	5168	5142	5191	5165														
15	3887	3957	3911	3985	3959														
20	2490	2561	2509	2601	2582														
25	1410	1454	1431	1497	1460														
30	804	838	810	842	829														
35	258	273	259	275	266														
40	95.8	101	99.4	98.1	95.3														
45	62.8	64.8	64.0	64.4	62.5														
50	43.1	43.8	43.5	44.0	43.5														
55	32.2	32.6	32.4	32.8	32.6														
60	24.0	24.3	24.0	24.3	24.2														
65	18.3	18.4	18.2	18.4	18.3														
70	14.1	14.2	14.0	14.1	14.1														
75	10.5	10.7	10.5	10.6	10.6														
80	7.43	7.52	7.49	7.56	7.54														
85	5.89	5.89	5.89	5.90	5.90														
90	6.07	6.08	6.08	6.08	6.08														
95	6.21	6.22	6.22	6.22	6.22														
100	6.35	6.36	6.35	6.36	6.35														
105	6.61	6.60	6.61	6.60	6.60														
110	7.07	7.05	7.06	7.03	7.05														
115	7.86	7.81	7.83	7.79	7.81														
120	9.05	8.99	9.01	8.94	8.98														
125	10.7	10.6	10.6	10.5	10.6														
130	12.7	12.6	12.6	12.5	12.6														
135	14.8	14.7	14.8	14.7	14.7														
140	17.0	16.9	16.9	16.8	16.9														
145	18.9	18.8	18.9	18.8	18.8														
150	20.5	20.4	20.4	20.4	20.4														
155	21.4	21.4	21.4	21.4	21.4														
160	21.8	21.8	21.8	21.8	21.8														
165	21.8	21.8	21.8	21.8	21.8														
170	21.5	21.6	21.6	21.6	21.6														
175	21.5	21.5	21.5	21.5	21.6														
180	21.7	21.7	21.7	21.7	21.7														

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  
γ Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks: