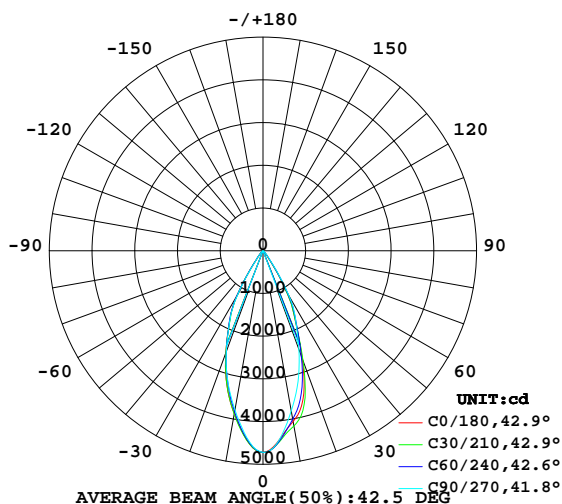


## LUMINAIRE PHOTOMETRIC TEST REPORT

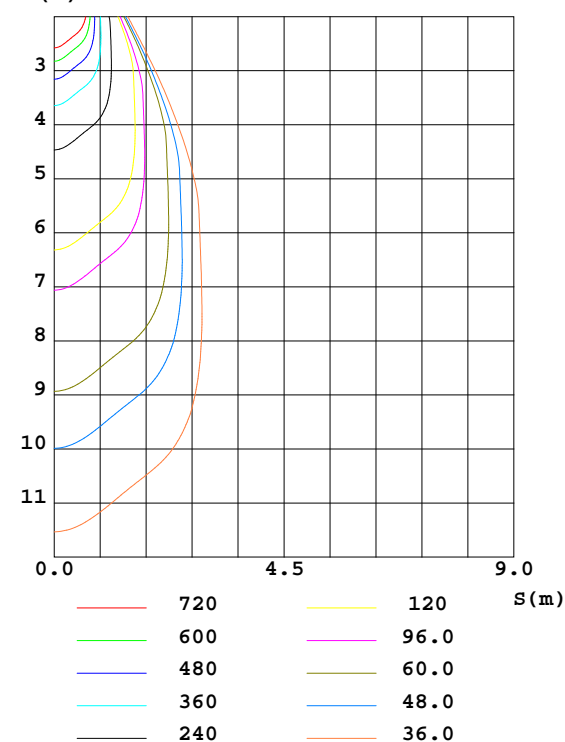
Test:U:226.4V I:0.1270A P:27.70W PF:0.9600 Lamp Flux:2650.68x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 95.69 lm/W			
MODEL	TL22-30W-827-W-45	Imax(cd)	4722	S/MH(C0/180)	0.70
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.65
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2650.7	η UP,DN(C0-180)	1.3,49.1
NOMINAL FLUX(lm)	2650.68	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.2
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	226.4	η down(%)	97.4	CIBSE SHR MAX	0.75

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:2016-08-16

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	4058	4118	3811	3768	3875	3839	3783	3766	0- 10	404.1	404.1	15.2,15.2
20	2687	2746	2456	2425	2553	2497	2511	2460	10- 20	905.6	1310	49.4,49.4
30	1111	1170	1224	1261	1252	1209	1204	1148	20- 30	840.3	2150	81.1,81.1
40	128.1	141.0	168.1	180.3	156.4	158.0	154.5	142.1	30- 40	306.9	2457	92.7,92.7
50	37.60	39.06	45.86	49.60	41.80	42.03	41.51	39.38	40- 50	63.91	2521	95.1,95.1
60	19.84	20.28	21.02	21.52	20.23	20.18	20.14	19.72	50- 60	25.68	2546	96.1,96.1
70	12.48	12.67	12.86	13.01	12.66	12.69	12.66	12.59	60- 70	15.95	2562	96.7,96.7
80	7.962	8.027	8.070	8.188	8.414	8.407	8.358	8.356	70- 80	10.85	2573	97.1,97.1
90	5.126	5.018	5.009	4.881	6.015	5.927	5.911	6.009	80- 90	7.451	2581	97.4,97.4
100	5.016	4.998	4.899	4.865	6.320	6.325	6.354	6.389	90-100	6.082	2587	97.6,97.6
110	6.006	5.987	5.997	5.918	7.313	7.385	7.404	7.472	100-110	6.417	2593	97.8,97.8
120	8.499	8.417	8.447	8.328	9.542	9.648	9.557	9.638	110-120	7.668	2601	98.1,98.1
130	12.18	12.11	12.08	12.08	12.92	13.01	12.94	12.92	120-130	9.554	2610	98.5,98.5
140	16.25	16.21	16.28	16.30	16.70	16.78	16.80	16.80	130-140	11.22	2622	98.9,98.9
150	19.61	19.62	19.58	19.59	19.87	19.95	19.99	19.97	140-150	11.43	2633	99.3,99.3
160	20.97	21.01	20.97	20.99	21.23	21.29	21.29	21.24	150-160	9.519	2643	99.7,99.7
170	21.23	21.33	21.32	21.24	21.44	21.31	21.46	21.54	160-170	6.030	2649	99.9,99.9
180	21.78	21.86	21.75	21.76	21.86	21.82	21.78	21.74	170-180	2.049	2651	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

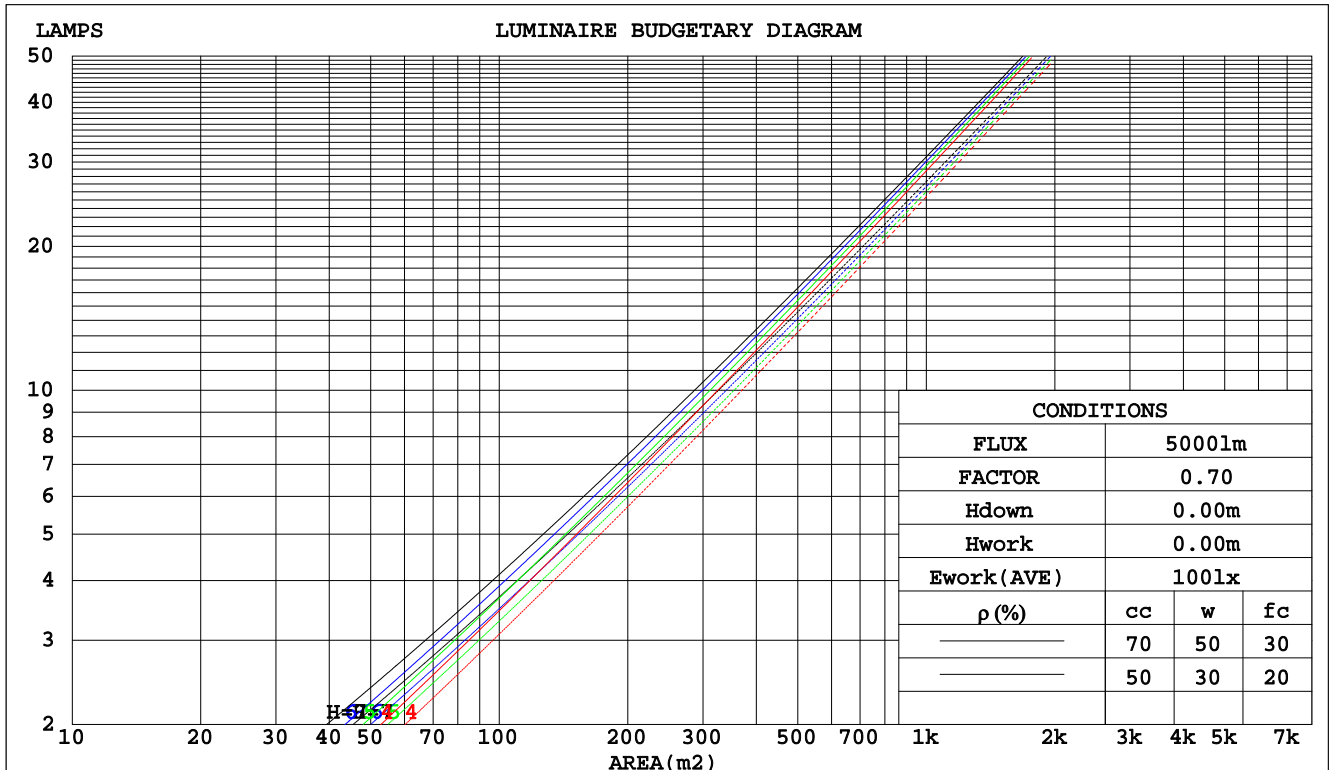
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-16

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:226.4V I:0.1270A P:27.70W PF:0.9600 Lamp Flux:2650.68x1 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	1.10	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.00	.99	.98	.97	.96	.95	.94	.92
2.0	1.03	.00	.96	1.01	.98	.95	.98	.95	.93	.94	.92	.90	.91	.90	.88	.86
3.0	.97	.92	.89	.96	.91	.88	.93	.89	.86	.90	.87	.85	.87	.85	.83	.81
4.0	.91	.86	.82	.90	.85	.82	.88	.84	.81	.86	.82	.79	.83	.81	.78	.77
5.0	.86	.81	.77	.85	.80	.77	.83	.79	.76	.81	.78	.75	.80	.77	.74	.73
6.0	.82	.76	.72	.81	.76	.72	.79	.75	.71	.78	.74	.71	.76	.73	.70	.69
7.0	.78	.72	.68	.77	.72	.68	.75	.71	.68	.74	.70	.67	.73	.69	.67	.65
8.0	.74	.68	.65	.73	.68	.65	.72	.67	.64	.71	.67	.64	.70	.66	.63	.62
9.0	.70	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.67	.63	.60	.59
10.0	.67	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.64	.60	.57	.56



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-16

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:226.4V I:0.1270A P:27.70W PF:0.9600 Lamp Flux:2650.68x1 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	.172	.098	.031	.164	.094	.030	.150	.086	.028	.137	.079	.025	.125	.073	.023		
2.0	.162	.089	.027	.155	.085	.026	.143	.080	.025	.132	.074	.023	.122	.069	.022		
3.0	.152	.081	.024	.147	.079	.024	.137	.074	.022	.127	.070	.021	.118	.066	.020		
4.0	.144	.075	.022	.139	.073	.022	.130	.069	.021	.122	.066	.020	.114	.062	.019		
5.0	.136	.070	.020	.132	.068	.020	.125	.065	.019	.117	.062	.018	.111	.059	.018		
6.0	.130	.065	.019	.126	.064	.018	.119	.061	.018	.113	.059	.017	.107	.056	.017		
7.0	.124	.061	.017	.120	.060	.017	.114	.058	.017	.109	.056	.016	.103	.054	.016		
8.0	.118	.058	.016	.115	.057	.016	.110	.055	.016	.105	.053	.015	.100	.051	.015		
9.0	.113	.055	.015	.111	.054	.015	.106	.052	.015	.101	.051	.014	.097	.049	.014		
10.0	.109	.052	.014	.106	.051	.014	.102	.050	.014	.098	.048	.014	.093	.047	.013		

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	.191	.178	.166	.163	.152	.142	.112	.105	.099	.064	.061	.057	.021	.020	.019	
2.0	.175	.153	.134	.150	.132	.116	.103	.091	.081	.059	.053	.047	.019	.017	.015	
3.0	.162	.134	.111	.139	.116	.097	.096	.080	.068	.055	.047	.040	.018	.015	.013	
4.0	.151	.119	.095	.130	.103	.082	.089	.072	.058	.052	.042	.034	.017	.014	.011	
5.0	.142	.108	.082	.122	.093	.071	.084	.065	.050	.049	.038	.030	.016	.012	.010	
6.0	.135	.098	.072	.116	.085	.063	.080	.059	.044	.046	.035	.026	.015	.011	.009	
7.0	.128	.090	.064	.110	.078	.056	.076	.055	.040	.044	.032	.024	.014	.011	.008	
8.0	.122	.084	.058	.105	.073	.051	.073	.051	.036	.042	.030	.021	.014	.010	.007	
9.0	.117	.079	.053	.101	.068	.046	.070	.048	.033	.041	.028	.020	.013	.009	.007	
10.0	.112	.074	.049	.097	.065	.043	.067	.045	.031	.039	.027	.018	.013	.009	.006	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-16

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:226.4V I:0.1270A P:27.70W PF:0.9600 Lamp Flux:2650.68x1 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	16.4	17.3	16.7	17.5	17.7	17.3	18.2	17.6	18.4	18.6	
	3H	16.5	17.3	16.8	17.5	17.7	17.3	18.1	17.6	18.4	
	4H	16.5	17.3	16.9	17.5	17.8	17.4	18.1	17.7	18.4	
	6H	16.7	17.4	17.0	17.6	17.9	17.4	18.1	17.8	18.4	
	8H	16.7	17.4	17.1	17.7	18.0	17.5	18.2	17.8	18.5	
	12H	16.9	17.5	17.2	17.8	18.1	17.6	18.2	17.9	18.5	
4H	2H	16.3	17.0	16.6	17.3	17.5	17.2	17.9	17.5	18.2	
	3H	16.4	17.1	16.8	17.4	17.7	17.2	17.9	17.6	18.2	
	4H	16.6	17.1	16.9	17.5	17.8	17.3	17.9	17.7	18.3	
	6H	16.8	17.3	17.2	17.7	18.1	17.5	18.0	17.9	18.4	
	8H	16.9	17.4	17.4	17.8	18.2	17.6	18.1	18.0	18.5	
	12H	17.2	17.6	17.6	18.0	18.5	17.8	18.2	18.2	18.6	
8H	4H	16.5	17.0	17.0	17.4	17.8	17.3	17.8	17.7	18.2	
	6H	16.9	17.3	17.4	17.7	18.2	17.5	17.9	18.0	18.4	
	8H	17.2	17.5	17.7	18.0	18.5	17.8	18.1	18.3	18.6	
	12H	17.5	17.8	18.1	18.3	18.9	18.1	18.4	18.6	18.9	
12H	4H	16.5	17.0	17.0	17.4	17.8	17.3	17.7	17.7	18.1	
	6H	16.9	17.3	17.4	17.7	18.2	17.6	17.9	18.0	18.4	
	8H	17.2	17.5	17.8	18.0	18.6	17.8	18.1	18.3	18.6	
Variations with the observer position at spacings:											
S = 1.0H	+ 1.4 / - 1.3					+ 1.9 / - 1.7					
1.5H	+ 2.8 / - 1.1					+ 3.5 / - 1.5					
2.0H	+ 1.2 / - 0.4					+ 1.9 / - 0.6					

CIE Pub.117 Corrected 2651 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:2016-08-16

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:226.4V I:0.1270A P:27.70W PF:0.9600 Lamp Flux:2650.68x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

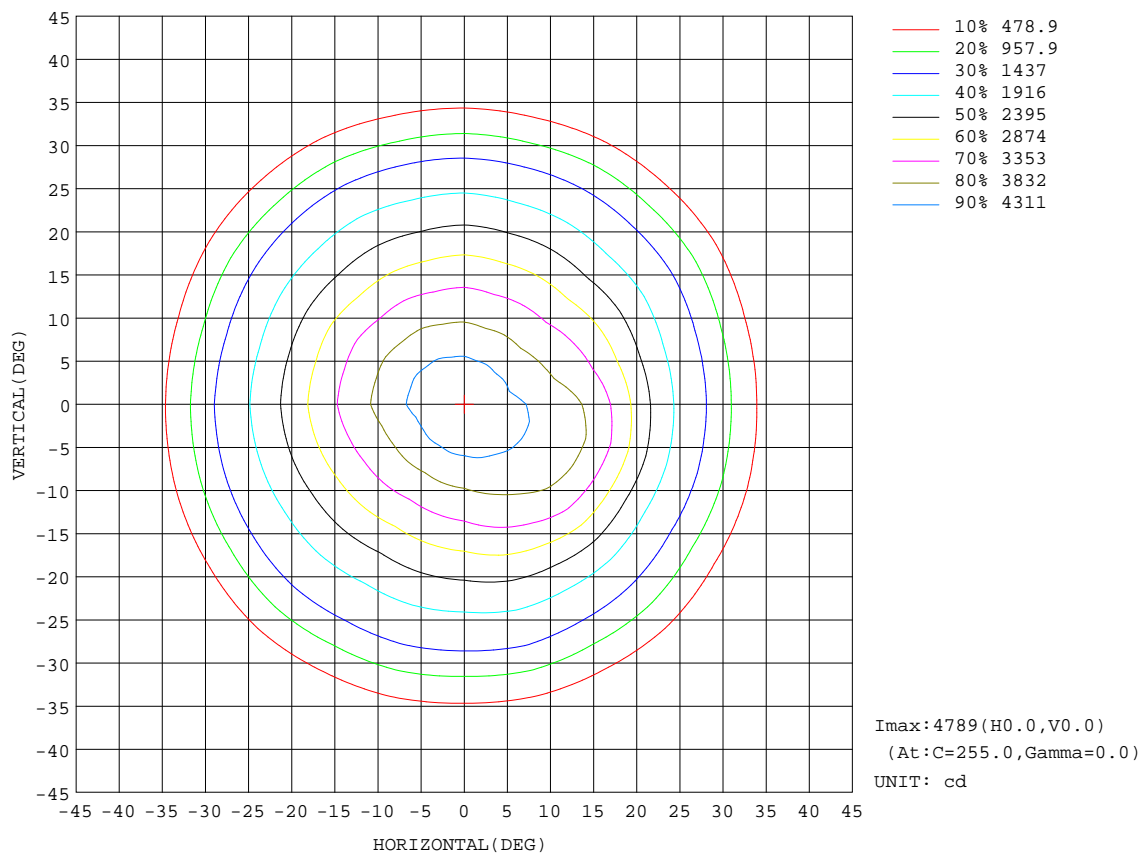
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	86	81	77	86	80	77	73
0.80	94	88	85	94	88	85	92	87	84	80
1.00	98	93	89	98	92	89	96	92	88	84
1.25	102	97	94	101	96	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	97	92
2.50	109	105	102	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	107	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:2016-08-16

$\gamma$  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:226.4V I:0.1270A P:27.70W PF:0.9600 Lamp Flux:2650.68x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

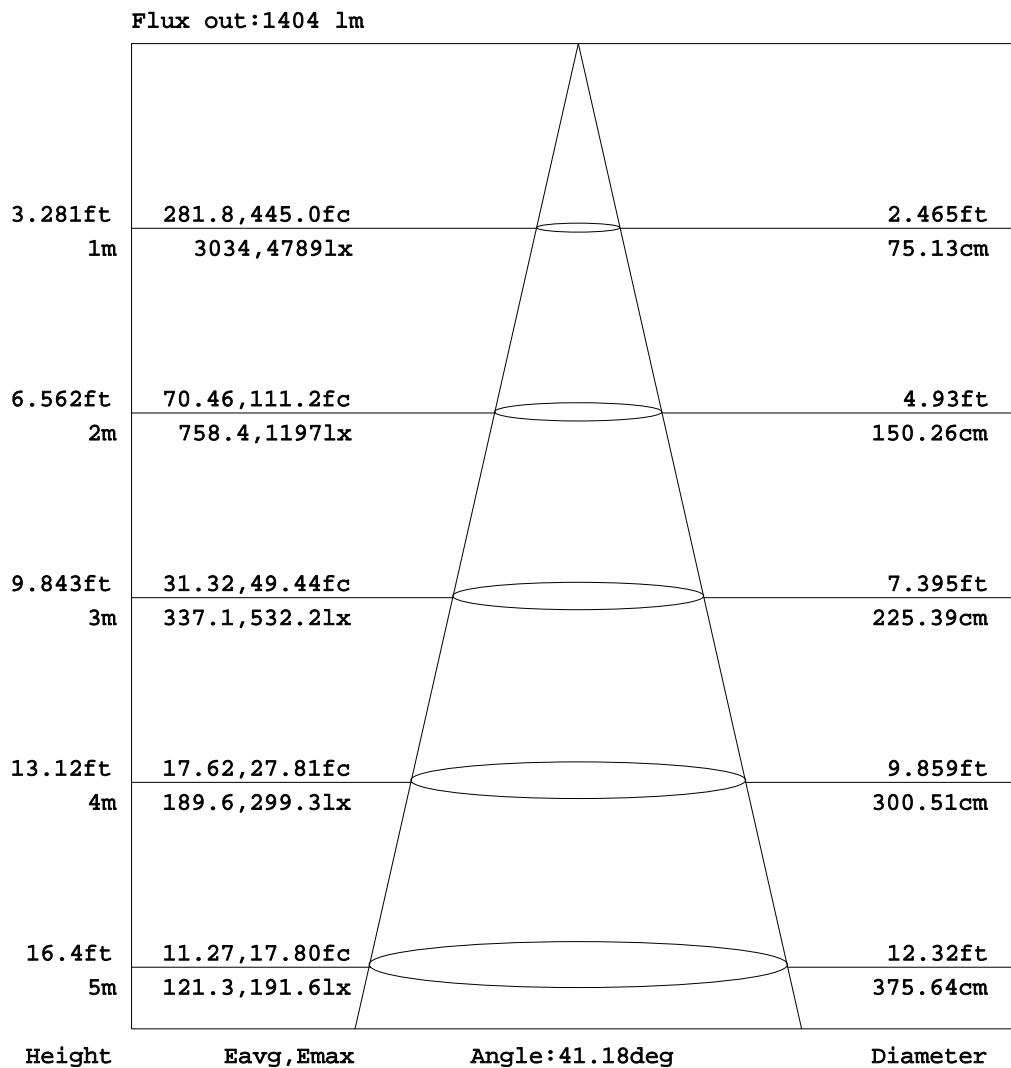


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-08-16

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:226.4V I:0.1270A P:27.70W PF:0.9600 Lamp Flux:2650.68x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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

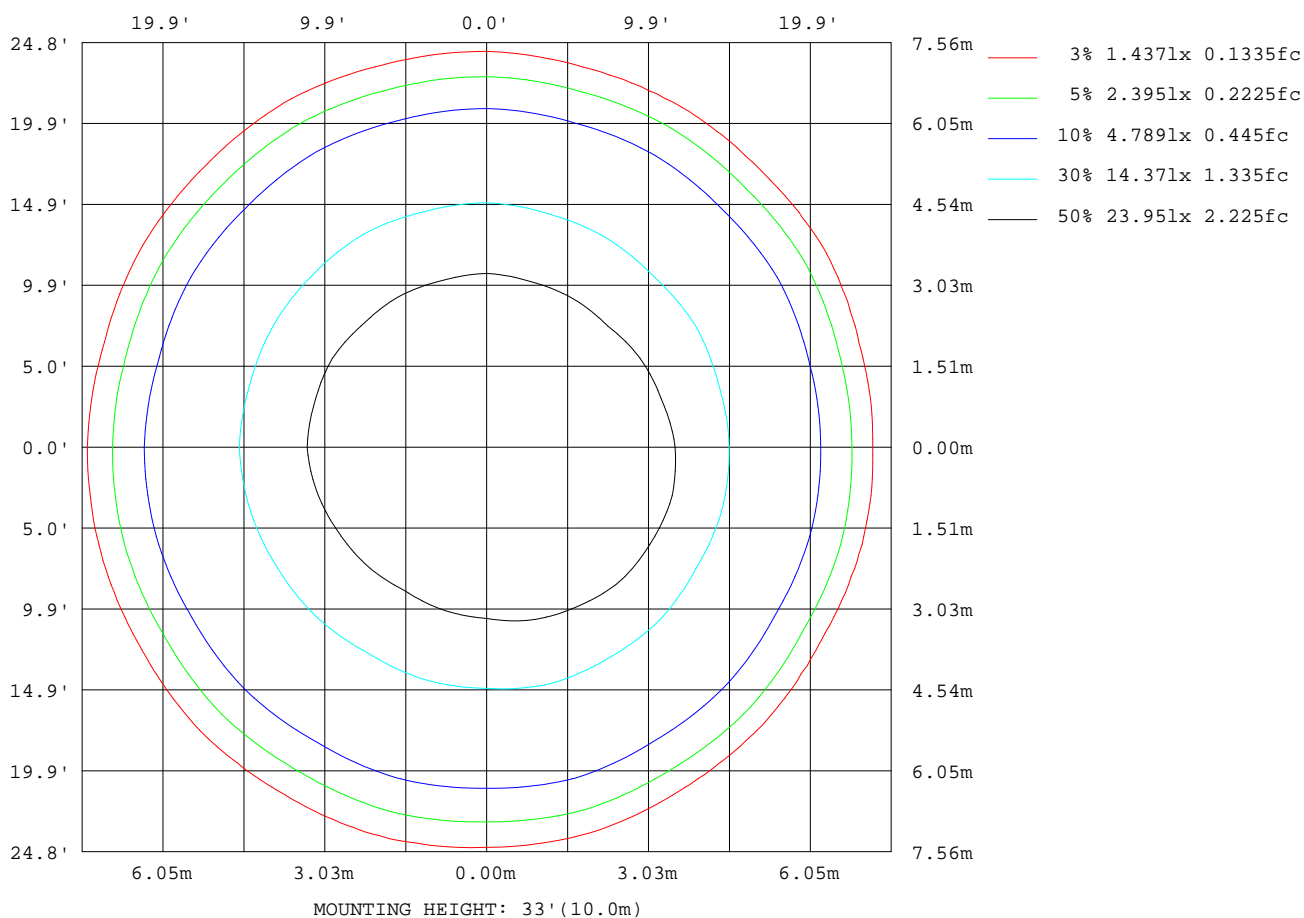
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-08-16

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

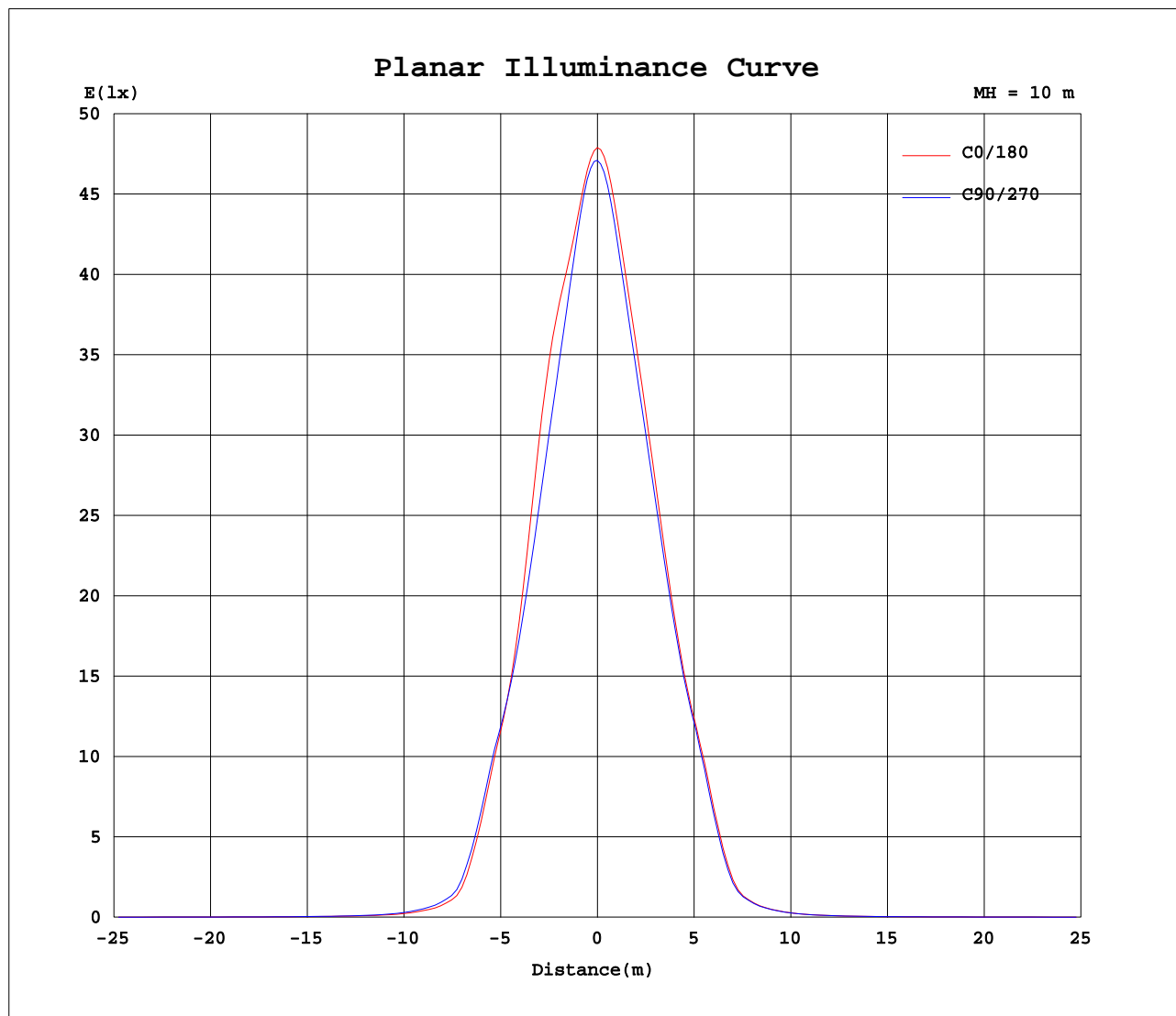
Test:U:226.4V I:0.1270A P:27.70W PF:0.9600 Lamp Flux:2650.68x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-08-16

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: 2016-08-16

$\gamma$  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:226.4V I:0.1270A P:27.70W PF:0.9600 Lamp Flux:2650.68x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										SUR.:					PROTECTION ANGLE:				

Table--1

UNIT: cd

C(DEC)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
γ (DEC)	0	4722	4722	4722	4722	4722	4722	4722	4722	4722	4722	4722	4722	4722	4722	4722	4722	4722	4722
5	4435	4474	4482	4494	4467	4466	4434	4434	4406	4426	4414	4440	4439	4428	4446	4419	4419	4384	4387
10	4058	4152	4166	4118	4007	3915	3811	3776	3734	3768	3790	3851	3875	3866	3883	3839	3833	3783	3783
15	3615	3748	3726	3655	3462	3322	3170	3111	3055	3115	3162	3250	3268	3249	3259	3195	3192	3159	3180
20	2687	2784	2741	2746	2627	2571	2456	2424	2367	2425	2465	2549	2553	2531	2546	2497	2511	2479	2511
25	1788	1806	1786	1840	1833	1866	1819	1820	1782	1821	1834	1878	1872	1844	1861	1857	1879	1847	1864
30	1111	1127	1098	1170	1172	1256	1224	1253	1215	1261	1238	1272	1252	1196	1228	1209	1237	1190	1204
35	334	354	341	390	399	443	433	457	434	451	424	440	420	398	420	407	420	393	390
40	128	128	126	141	146	162	168	180	179	180	169	165	156	152	159	158	162	156	155
45	65.4	64.3	63.3	68.7	73.3	80.4	84.7	91.8	92.9	93.5	85.3	81.6	76.9	74.0	77.4	76.9	79.4	76.3	75.8
50	37.6	37.4	37.2	39.1	40.5	43.5	45.9	49.0	49.5	49.6	46.2	44.0	41.8	40.7	41.9	42.0	42.8	41.6	41.5
55	26.4	26.4	26.2	26.9	27.3	28.3	29.1	30.3	30.3	30.4	29.3	28.4	27.4	26.9	27.4	27.4	27.6	27.2	27.3
60	19.8	19.9	19.8	20.3	20.3	20.7	21.0	21.5	21.2	21.5	21.1	20.9	20.2	19.9	20.3	20.2	20.3	20.0	20.1
65	15.6	15.7	15.6	15.9	15.8	16.1	16.3	16.5	16.3	16.5	16.4	16.4	15.9	15.7	15.9	15.9	16.0	15.8	15.9
70	12.5	12.5	12.5	12.7	12.6	12.8	12.9	13.0	12.9	13.0	13.0	13.0	12.7	12.6	12.7	12.7	12.7	12.6	12.7
75	9.93	10.1	10.0	10.2	10.0	10.2	10.2	10.3	10.2	10.3	10.3	10.3	10.3	10.2	10.3	10.3	10.3	10.2	10.3
80	7.96	8.02	8.00	8.03	7.96	8.05	8.07	8.15	8.11	8.19	8.11	8.15	8.41	8.53	8.46	8.41	8.36	8.30	8.36
85	6.40	6.53	6.52	6.45	6.44	6.53	6.47	6.52	6.46	6.51	6.46	6.52	7.16	7.47	7.18	7.07	7.07	7.03	7.04
90	5.13	5.63	5.31	5.02	5.05	5.11	5.01	4.98	4.94	4.88	4.90	4.93	6.02	6.54	6.06	5.93	5.92	5.93	5.91
95	5.05	5.23	5.27	4.97	4.96	4.91	4.90	4.84	4.84	4.84	4.83	4.86	6.15	6.57	6.24	6.11	6.11	6.11	6.12
100	5.02	5.10	5.12	5.00	4.96	4.94	4.90	4.88	4.86	4.87	4.86	4.89	6.32	6.55	6.37	6.33	6.34	6.35	6.35
105	5.33	5.35	5.37	5.33	5.32	5.27	5.26	5.23	5.23	5.22	5.22	5.22	6.69	6.75	6.71	6.73	6.73	6.76	6.76
110	6.01	6.01	6.03	5.99	6.00	5.97	6.00	5.96	5.96	5.92	5.94	5.92	7.31	7.35	7.33	7.39	7.39	7.42	7.40
115	7.07	7.04	7.08	7.01	7.05	7.01	7.06	6.99	7.01	6.94	6.99	6.95	8.26	8.31	8.29	8.36	8.33	8.35	8.33
120	8.50	8.46	8.50	8.42	8.46	8.39	8.45	8.37	8.39	8.33	8.40	8.36	9.54	9.61	9.59	9.65	9.59	9.62	9.56
125	10.2	10.2	10.2	10.1	10.2	10.1	10.1	10.0	10.1	10.0	10.1	10.1	11.1	11.2	11.2	11.2	11.2	11.2	11.1
130	12.2	12.1	12.2	12.1	12.1	12.0	12.1	12.0	12.1	12.1	12.2	12.1	12.9	13.0	13.0	13.0	12.9	13.0	12.9
135	14.2	14.2	14.2	14.2	14.3	14.2	14.2	14.2	14.3	14.2	14.3	14.2	14.8	14.9	14.9	14.9	14.9	14.9	14.9
140	16.3	16.2	16.2	16.2	16.3	16.2	16.3	16.3	16.4	16.3	16.3	16.2	16.7	16.8	16.7	16.8	16.7	16.8	16.8
145	18.1	18.1	18.1	18.1	18.3	18.1	18.1	18.1	18.2	18.2	18.1	18.1	18.4	18.6	18.5	18.5	18.5	18.6	18.6
150	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.5	19.9	19.9	19.9	20.0	19.9	20.0	20.0
155	20.5	20.6	20.6	20.6	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.8	20.8	20.9	20.9	20.9	20.8	20.9
160	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.2	21.2	21.3	21.3	21.3	21.3	21.3
165	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.1	21.1	21.4	21.3	21.4	21.4	21.4	21.4	21.5
170	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.2	21.2	21.1	21.4	21.4	21.4	21.3	21.4	21.4	21.5
175	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.4	21.4	21.4	21.4	21.6	21.6	21.6	21.5	21.5	21.5	21.5
180	21.8	21.9	21.8	21.9	21.8	21.8	21.7	21.8	21.7	21.8	21.7	21.8	21.9	21.8	21.9	21.8	21.8	21.8	21.8

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-16

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:226.4V I:0.1270A P:27.70W PF:0.9600 Lamp Flux:2650.68x1 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	4722	4722	4722	4722	4722														
5	4356	4366	4352	4388	4395														
10	3743	3761	3766	3855	3940														
15	3143	3163	3171	3304	3444														
20	2469	2479	2460	2561	2608														
25	1820	1818	1790	1830	1801														
30	1165	1186	1148	1183	1129														
35	366	377	355	371	340														
40	148	151	142	147	133														
45	73.8	72.6	71.3	70.3	67.2														
50	40.4	40.4	39.4	39.5	38.0														
55	26.9	26.9	26.5	26.7	26.3														
60	19.9	20.0	19.7	19.9	19.7														
65	15.8	15.8	15.6	15.7	15.5														
70	12.7	12.7	12.6	12.7	12.5														
75	10.2	10.3	10.2	10.3	10.1														
80	8.35	8.46	8.36	8.41	8.28														
85	7.02	7.14	7.06	7.10	6.98														
90	5.92	6.03	6.01	6.01	5.94														
95	6.11	6.13	6.13	6.13	6.14														
100	6.37	6.36	6.39	6.37	6.36														
105	6.78	6.77	6.80	6.78	6.79														
110	7.45	7.44	7.47	7.43	7.45														
115	8.38	8.37	8.41	8.37	8.41														
120	9.60	9.57	9.64	9.58	9.65														
125	11.2	11.1	11.1	11.1	11.2														
130	13.0	12.9	12.9	12.9	12.9														
135	14.9	14.8	14.9	14.8	14.8														
140	16.8	16.8	16.8	16.7	16.7														
145	18.6	18.5	18.6	18.5	18.6														
150	20.0	19.9	20.0	19.9	20.0														
155	20.9	20.8	20.8	20.8	20.8														
160	21.3	21.3	21.2	21.2	21.2														
165	21.5	21.5	21.5	21.5	21.4														
170	21.5	21.5	21.5	21.5	21.5														
175	21.5	21.6	21.6	21.6	21.6														
180	21.7	21.8	21.7	21.8	21.8														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-16

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: