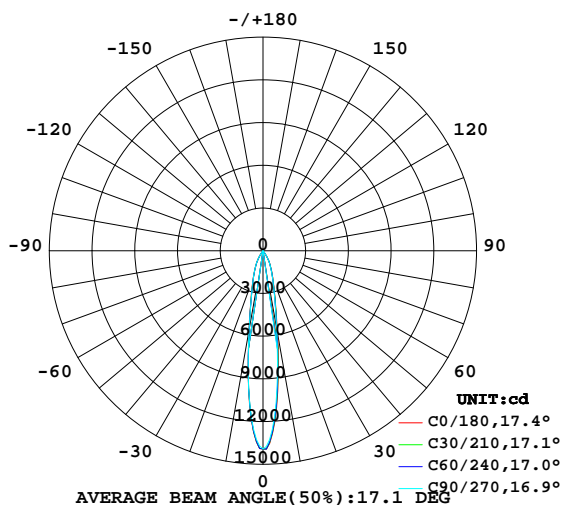


## LUMINAIRE PHOTOMETRIC TEST REPORT

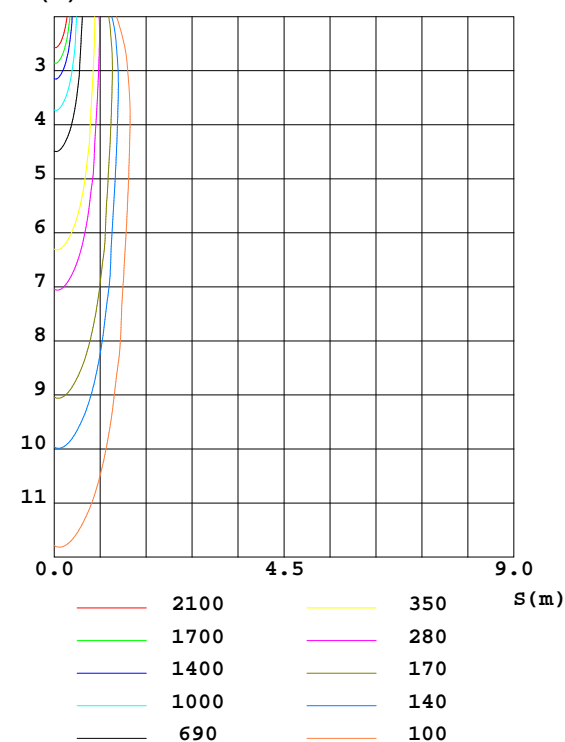
Test:U:226.5V I:0.1240A P:27.10W PF:0.9590 Lamp Flux:2690.39x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 99.28 lm/W			
MODEL	TL30-30W-840-B-16	Imax(cd)	14014	S/MH(C0/180)	0.31
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.29
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2690.4	η UP,DN(C0-180)	1.2,49.1
NOMINAL FLUX(lm)	2690.39	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.3
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.5	η down(%)	97.4	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: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	585.7	578.6	554.4	568.7	569.8	546.0	563.9	570.3	0- 10	856.3	856.3	31.8,31.8
20	200.8	200.0	193.3	199.0	201.1	189.5	194.2	195.2	10- 20	897.3	1754	65.2,65.2
30	78.69	80.57	76.25	75.73	75.86	70.46	76.35	76.28	20- 30	589.2	2343	87.1,87.1
40	7.325	7.729	8.060	7.423	6.890	7.127	7.000	6.903	30- 40	192.2	2535	94.2,94.2
50	2.492	2.596	2.727	2.708	2.527	2.507	2.627	2.539	40- 50	32.64	2568	95.4,95.4
60	2.120	2.093	2.088	2.070	2.085	2.047	2.068	2.141	50- 60	19.91	2588	96.2,96.2
70	1.187	1.202	1.170	1.161	1.118	1.116	1.148	1.159	60- 70	16.08	2604	96.8,96.8
80	0.7404	0.7576	0.7256	0.7126	0.7203	0.7205	0.7361	0.7403	70- 80	9.912	2614	97.1,97.1
90	0.5240	0.5236	0.5154	0.5111	0.6335	0.6339	0.6234	0.6216	80- 90	6.641	2620	97.4,97.4
100	0.4312	0.4278	0.4230	0.4233	0.6560	0.6562	0.6460	0.6441	90-100	6.002	2626	97.6,97.6
110	0.5475	0.5433	0.5404	0.5387	0.7201	0.7222	0.7082	0.7072	100-110	6.067	2632	97.8,97.8
120	0.7520	0.7434	0.7410	0.7392	0.8837	0.8866	0.8666	0.8685	110-120	7.039	2639	98.1,98.1
130	1.173	1.163	1.160	1.159	1.270	1.273	1.242	1.243	120-130	8.799	2648	98.4,98.4
140	1.754	1.750	1.734	1.728	1.805	1.812	1.772	1.770	130-140	11.54	2660	98.9,98.9
150	2.094	2.091	2.064	2.060	2.135	2.138	2.098	2.095	140-150	12.22	2672	99.3,99.3
160	2.239	2.240	2.204	2.202	2.263	2.261	2.225	2.222	150-160	10.06	2682	99.7,99.7
170	2.248	2.250	2.209	2.205	2.266	2.264	2.232	2.228	160-170	6.372	2688	99.9,99.9
180	2.168	2.165	2.130	2.133	2.174	2.163	2.131	2.134	170-180	2.101	2690	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

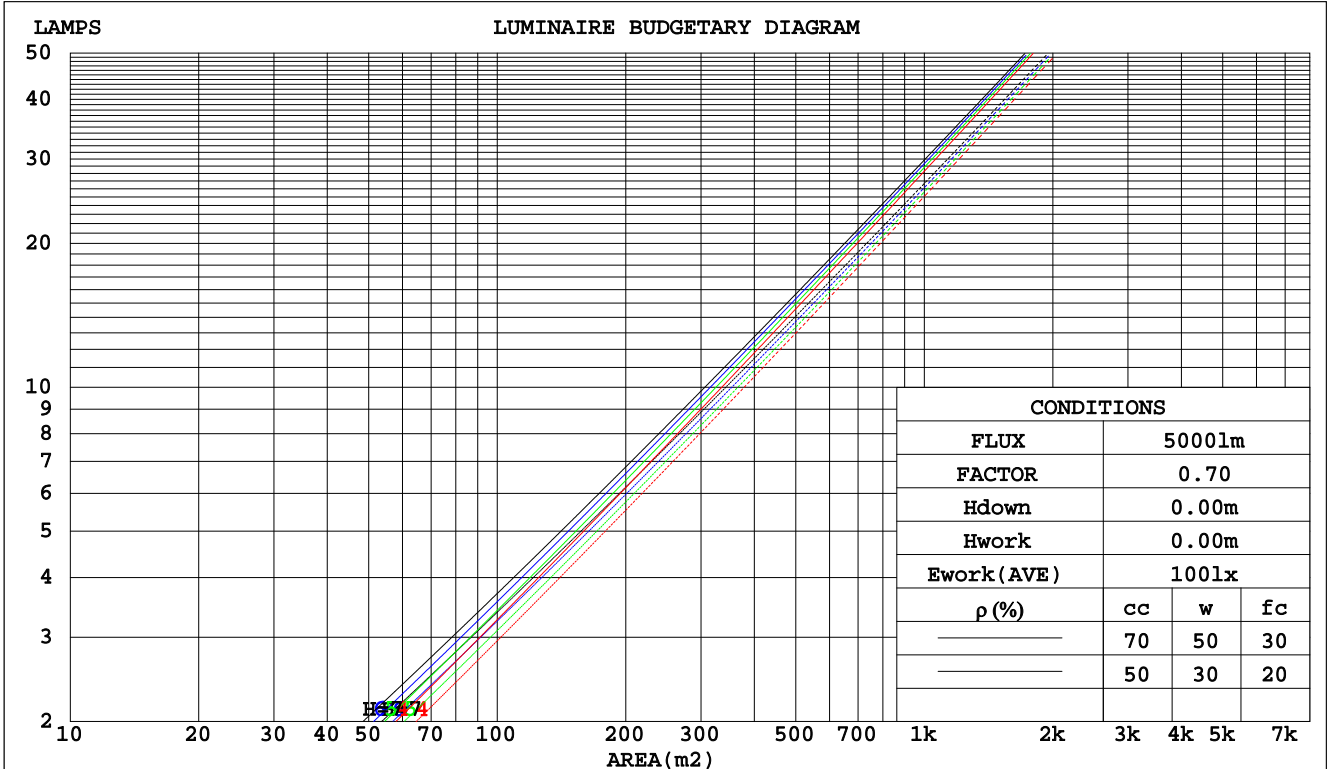
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:0.1240A P:27.10W PF:0.9590 Lamp Flux:2690.39x1 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	1.09	1.07	1.05	1.05	1.03	1.02	1.00	.99	.98	.97	.96	.95	.93
2.0	1.05	1.02	.99	1.03	1.00	.98	.00	.97	.95	.97	.95	.93	.94	.92	.91	.89
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.90	.93	.91	.88	.91	.89	.87	.85
4.0	.95	.91	.88	.94	.90	.87	.92	.88	.86	.90	.87	.84	.88	.85	.83	.82
5.0	.91	.87	.83	.90	.86	.83	.88	.85	.82	.87	.83	.81	.85	.82	.80	.79
6.0	.88	.83	.80	.87	.82	.79	.85	.81	.79	.84	.80	.78	.82	.79	.77	.76
7.0	.84	.80	.76	.84	.79	.76	.82	.78	.76	.81	.78	.75	.80	.77	.74	.73
8.0	.81	.77	.73	.81	.76	.73	.79	.76	.73	.78	.75	.72	.77	.74	.72	.71
9.0	.78	.74	.71	.78	.74	.71	.77	.73	.70	.76	.72	.70	.75	.72	.70	.69
10.0	.76	.71	.68	.75	.71	.68	.75	.71	.68	.74	.70	.68	.73	.70	.67	.66



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:0.1240A P:27.10W PF:0.9590 Lamp Flux:2690.39x1 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 Coeffcients(WEC)										
0.0																	
1.0	.154	.087	.028	.146	.083	.026	.132	.076	.024	.119	.069	.022	.108	.062	.020		
2.0	.143	.078	.024	.136	.075	.023	.125	.069	.022	.114	.064	.020	.104	.059	.019		
3.0	.133	.071	.021	.128	.068	.021	.118	.064	.019	.109	.060	.018	.100	.055	.017		
4.0	.125	.065	.019	.120	.063	.019	.112	.059	.018	.104	.056	.017	.096	.052	.016		
5.0	.118	.060	.017	.114	.058	.017	.106	.055	.016	.099	.052	.016	.093	.050	.015		
6.0	.111	.056	.016	.108	.054	.016	.101	.052	.015	.095	.049	.015	.089	.047	.014		
7.0	.106	.052	.015	.102	.051	.015	.097	.049	.014	.091	.047	.014	.086	.045	.013		
8.0	.100	.049	.014	.098	.048	.014	.093	.046	.013	.088	.044	.013	.083	.043	.012		
9.0	.096	.046	.013	.093	.046	.013	.089	.044	.012	.084	.042	.012	.080	.041	.012		
10.0	.092	.044	.012	.090	.043	.012	.085	.042	.012	.081	.040	.011	.078	.039	.011		

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	.178	.167	.162	.152	.144	.111	.105	.099	.064	.061	.058	.020	.020	.019	
2.0	.173	.153	.136	.148	.132	.118	.101	.091	.082	.058	.053	.048	.019	.017	.016	
3.0	.158	.134	.114	.136	.115	.099	.093	.080	.069	.054	.047	.041	.017	.015	.013	
4.0	.147	.119	.097	.126	.102	.084	.086	.071	.059	.050	.042	.035	.016	.014	.012	
5.0	.137	.107	.084	.117	.092	.073	.081	.064	.052	.047	.038	.031	.015	.012	.010	
6.0	.128	.097	.074	.110	.084	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
7.0	.121	.089	.066	.104	.077	.058	.072	.054	.041	.042	.032	.024	.013	.010	.008	
8.0	.114	.082	.060	.098	.071	.052	.068	.050	.037	.040	.030	.022	.013	.010	.007	
9.0	.109	.077	.055	.094	.067	.048	.065	.047	.034	.038	.028	.020	.012	.009	.007	
10.0	.104	.072	.051	.090	.063	.044	.062	.044	.032	.036	.026	.019	.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:0.1240A P:27.10W PF:0.9590 Lamp Flux:2690.39x1 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		16.1	16.8	16.4	17.0	17.2	16.1	16.8	16.4	17.0	17.2
3H		16.3	17.0	16.6	17.2	17.5	16.3	17.0	16.6	17.2	17.4
4H		16.5	17.1	16.8	17.4	17.6	16.5	17.1	16.8	17.3	17.6
6H		16.7	17.3	17.0	17.5	17.8	16.6	17.2	17.0	17.5	17.8
8H		16.8	17.3	17.1	17.6	17.9	16.7	17.3	17.1	17.6	17.9
12H		16.9	17.5	17.3	17.8	18.1	16.9	17.4	17.2	17.8	18.1
4H 2H		16.1	16.7	16.4	16.9	17.2	16.1	16.7	16.4	16.9	17.2
3H		16.4	16.9	16.7	17.2	17.6	16.4	16.9	16.7	17.2	17.6
4H		16.6	17.1	17.0	17.5	17.8	16.6	17.1	17.0	17.5	17.8
6H		17.0	17.4	17.4	17.8	18.2	17.0	17.4	17.4	17.8	18.2
8H		17.2	17.6	17.6	18.0	18.4	17.1	17.5	17.6	17.9	18.4
12H		17.4	17.8	17.9	18.2	18.6	17.4	17.8	17.8	18.2	18.6
8H 4H		16.7	17.1	17.1	17.5	17.9	16.7	17.1	17.1	17.5	17.9
6H		17.2	17.5	17.6	17.9	18.4	17.1	17.5	17.6	17.9	18.4
8H		17.4	17.8	17.9	18.2	18.7	17.4	17.7	17.9	18.2	18.7
12H		17.8	18.1	18.4	18.6	19.1	17.8	18.1	18.3	18.6	19.1
12H 4H		16.7	17.0	17.1	17.5	17.9	16.6	17.0	17.1	17.4	17.9
6H		17.2	17.5	17.7	18.0	18.5	17.2	17.5	17.7	17.9	18.4
8H		17.5	17.8	18.0	18.3	18.8	17.5	17.8	18.0	18.2	18.8
Variations with the observer position at spacings:											
S = 1.0H		+ 1.1 / - 0.7					+ 1.0 / - 0.7				
1.5H		+ 2.3 / - 0.6					+ 2.2 / - 0.6				
2.0H		+ 0.3 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 2690 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:0.1240A P:27.10W PF:0.9590 Lamp Flux:2690.39x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

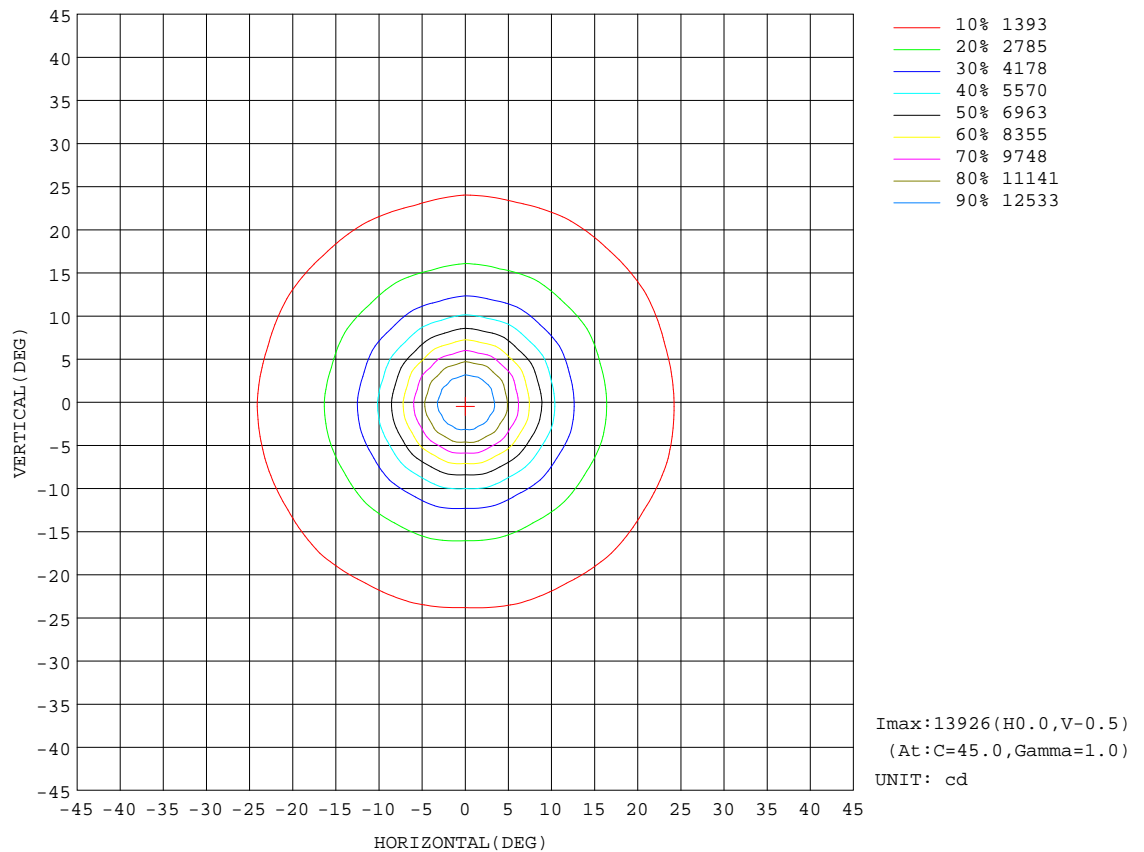
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	78	87	82	78	87	81	78	75
0.80	95	89	86	94	89	86	93	88	85	82
1.00	99	94	90	98	93	90	96	93	89	85
1.25	103	98	94	102	97	94	99	96	93	89
1.50	105	101	98	104	100	97	102	98	96	91
2.00	108	104	101	106	103	100	103	100	98	92
2.50	110	106	103	108	104	102	104	102	100	93
3.00	111	108	105	109	106	104	105	103	101	94
4.00	113	110	108	111	109	107	107	105	104	96
5.00	114	112	110	112	110	109	108	106	105	97
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:0.1240A P:27.10W PF:0.9590 Lamp Flux:2690.39x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



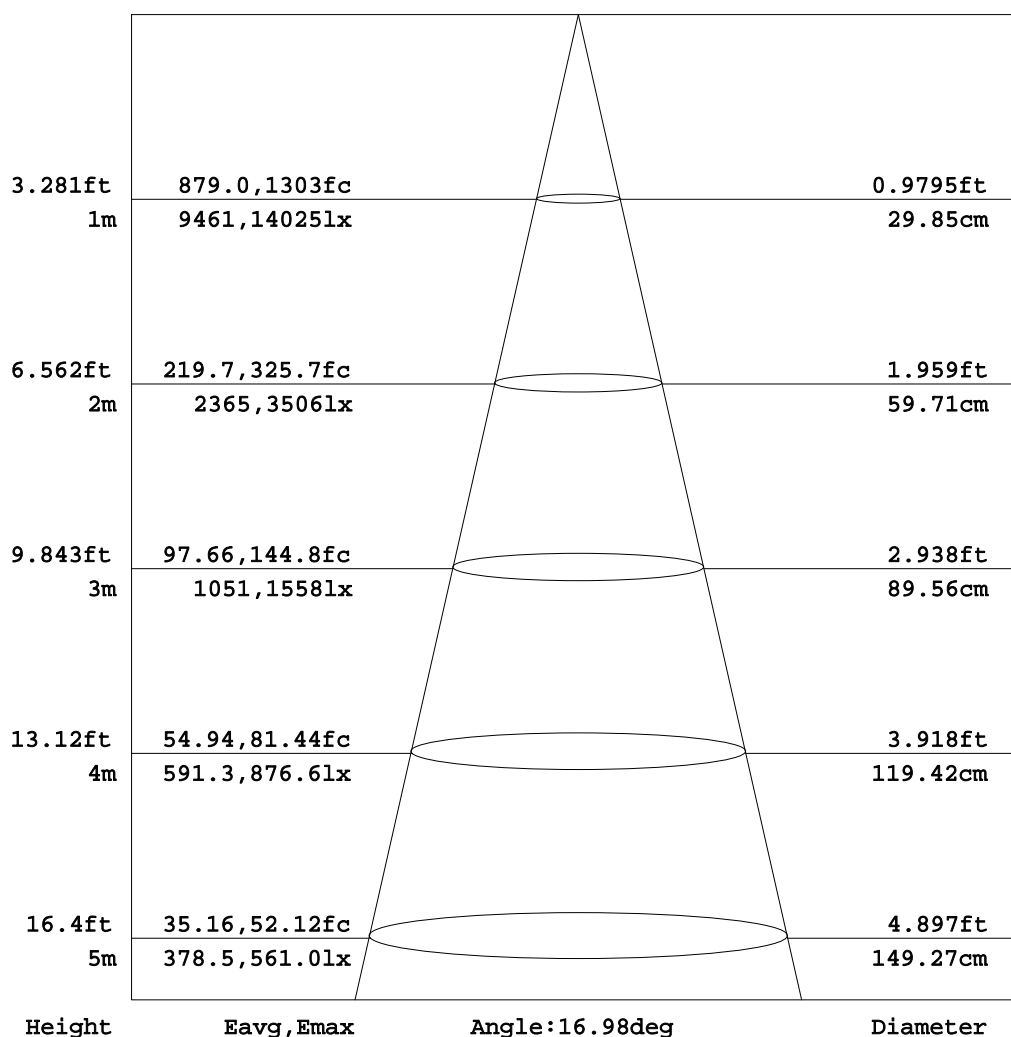
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:0.1240A P:27.10W PF:0.9590 Lamp Flux:2690.39x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:745.6 lm



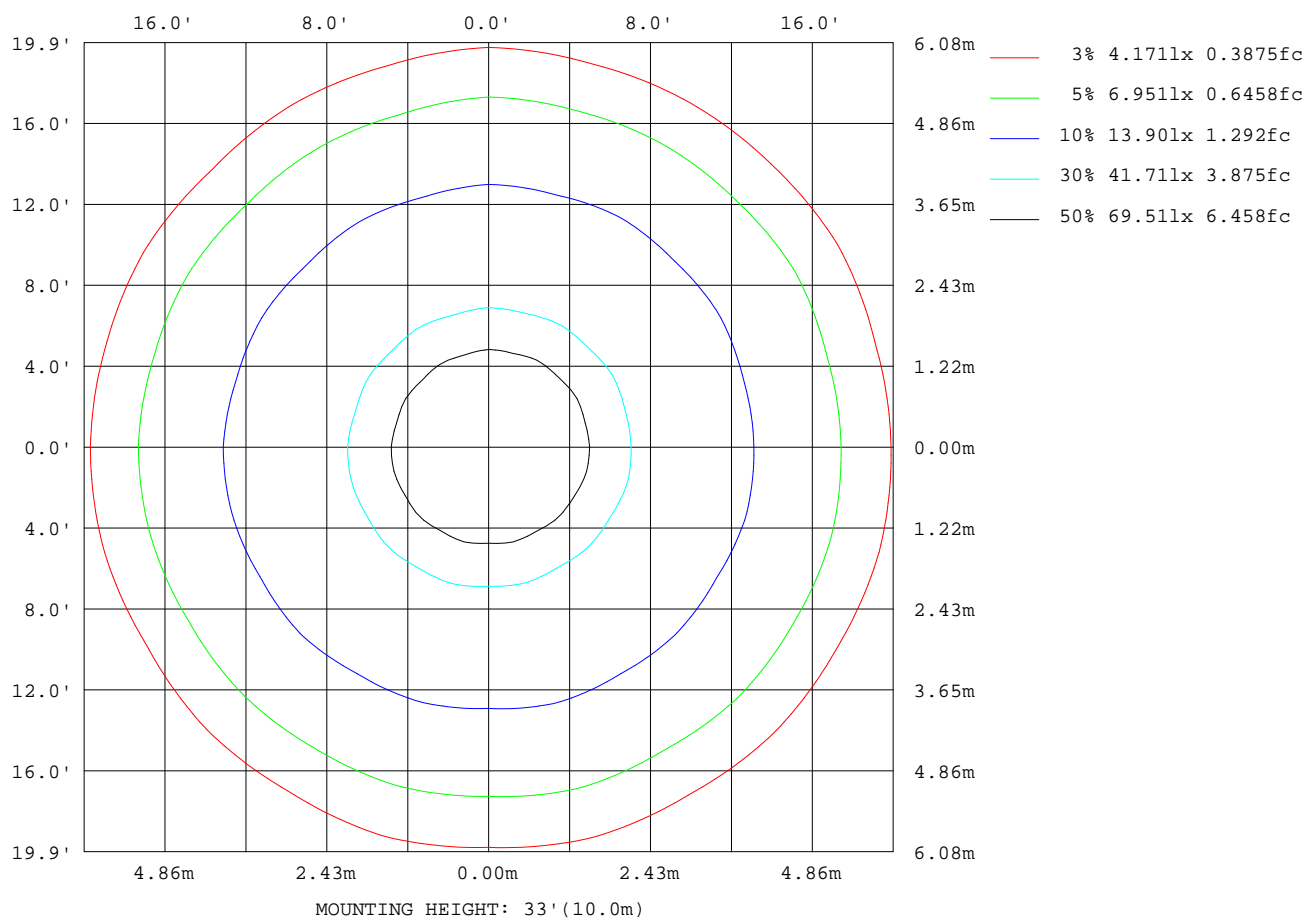
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators: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

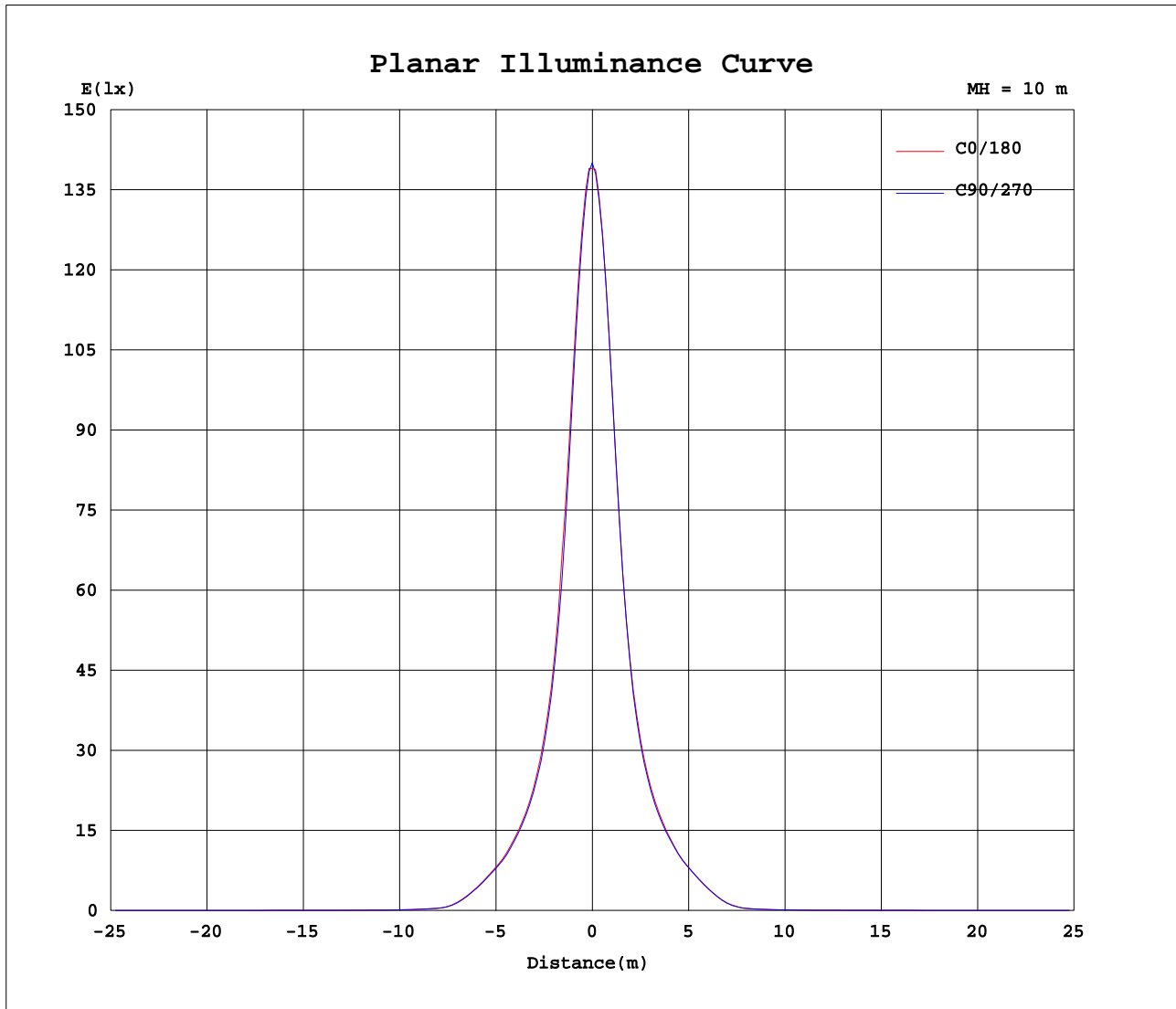
Test:U:226.5V I:0.1240A P:27.10W PF:0.9590 Lamp Flux:2690.39x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.1240A P:27.10W PF:0.9590 Lamp Flux:2690.39x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										SUR.:					PROTECTION ANGLE:				

Table--1

UNIT: ×10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1391	1391	1391	1391	1391	1391	1391	1391	1391	1391	1391	1391	1391	1391	1391	1391	1391	1391	1391
5	1103	1103	1093	1106	1084	1100	1068	1084	1067	1084	1078	1092	1086	1051	1080	1060	1081	1066	1077
10	586	586	573	579	562	574	554	568	557	569	564	573	570	544	561	546	561	550	564
15	321	319	313	316	309	315	306	314	310	317	314	318	318	305	312	303	309	303	307
20	201	200	197	200	197	201	193	198	195	199	198	201	201	193	196	189	194	191	194
25	130	130	129	130	127	129	125	126	124	127	126	128	129	123	125	122	123	123	127
30	78.7	79.7	78.8	80.6	77.8	80.6	76.3	78.7	74.7	75.7	73.4	76.1	75.9	72.9	74.1	70.5	73.0	72.7	76.3
35	28.6	30.5	28.5	29.8	28.3	30.2	26.7	27.9	25.6	26.0	23.8	25.5	24.8	23.6	24.9	23.0	24.8	24.6	25.3
40	7.32	7.62	7.35	7.73	7.97	8.15	8.06	8.07	7.65	7.42	6.90	6.83	6.89	6.87	7.22	7.13	7.16	7.06	7.00
45	3.73	3.78	3.85	4.12	4.11	4.23	4.18	4.27	4.14	4.10	3.93	3.85	3.78	3.67	3.84	3.82	3.92	3.90	3.96
50	2.49	2.44	2.50	2.60	2.65	2.72	2.73	2.76	2.72	2.71	2.64	2.60	2.53	2.45	2.52	2.51	2.57	2.58	2.63
55	2.15	2.10	2.12	2.16	2.21	2.24	2.23	2.24	2.21	2.21	2.22	2.18	2.13	2.07	2.09	2.08	2.11	2.14	2.18
60	2.12	2.07	2.07	2.09	2.11	2.13	2.09	2.09	2.08	2.07	2.12	2.12	2.08	2.07	2.06	2.05	2.03	2.06	2.07
65	1.65	1.66	1.65	1.69	1.67	1.67	1.62	1.62	1.58	1.59	1.59	1.61	1.58	1.55	1.59	1.57	1.59	1.58	1.61
70	1.19	1.18	1.19	1.20	1.19	1.20	1.17	1.17	1.16	1.16	1.15	1.15	1.12	1.10	1.12	1.12	1.13	1.14	1.15
75	0.96	0.96	0.96	0.97	0.96	0.96	0.94	0.94	0.92	0.92	0.91	0.91	0.90	0.89	0.91	0.91	0.93	0.93	0.94
80	0.74	0.75	0.75	0.76	0.74	0.75	0.73	0.72	0.71	0.71	0.71	0.71	0.72	0.71	0.72	0.72	0.73	0.73	0.74
85	0.57	0.56	0.57	0.57	0.57	0.57	0.57	0.56	0.56	0.56	0.57	0.57	0.62	0.61	0.62	0.62	0.62	0.62	0.61
90	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.51	0.51	0.51	0.52	0.52	0.63	0.63	0.63	0.63	0.63	0.63	0.62
95	0.46	0.45	0.46	0.46	0.46	0.46	0.45	0.45	0.45	0.45	0.46	0.45	0.64	0.64	0.64	0.64	0.64	0.64	0.63
100	0.43	0.42	0.43	0.43	0.43	0.43	0.42	0.42	0.42	0.42	0.43	0.43	0.66	0.65	0.66	0.66	0.66	0.66	0.65
105	0.47	0.46	0.47	0.46	0.47	0.46	0.46	0.46	0.46	0.46	0.47	0.47	0.68	0.67	0.68	0.68	0.68	0.68	0.67
110	0.55	0.54	0.55	0.54	0.55	0.54	0.54	0.54	0.54	0.54	0.55	0.55	0.72	0.71	0.72	0.72	0.72	0.72	0.71
115	0.64	0.63	0.64	0.63	0.64	0.63	0.63	0.63	0.63	0.63	0.64	0.64	0.79	0.78	0.78	0.79	0.78	0.79	0.77
120	0.75	0.74	0.75	0.74	0.75	0.74	0.74	0.74	0.74	0.74	0.76	0.75	0.88	0.88	0.88	0.89	0.88	0.88	0.87
125	0.92	0.90	0.92	0.91	0.92	0.91	0.91	0.90	0.91	0.91	0.93	0.92	1.04	1.03	1.04	1.04	1.03	1.04	1.02
130	1.17	1.15	1.17	1.16	1.17	1.17	1.16	1.15	1.17	1.16	1.19	1.18	1.27	1.26	1.27	1.27	1.26	1.27	1.24
135	1.48	1.46	1.48	1.47	1.48	1.48	1.47	1.46	1.47	1.46	1.49	1.48	1.55	1.54	1.55	1.56	1.55	1.55	1.52
140	1.75	1.73	1.76	1.75	1.76	1.75	1.73	1.73	1.73	1.73	1.76	1.75	1.80	1.79	1.80	1.81	1.80	1.81	1.77
145	1.95	1.93	1.95	1.95	1.95	1.95	1.93	1.92	1.93	1.92	1.95	1.95	2.00	1.98	2.00	2.00	2.00	2.00	1.96
150	2.09	2.07	2.09	2.09	2.09	2.09	2.06	2.06	2.06	2.06	2.09	2.09	2.13	2.11	2.13	2.14	2.13	2.13	2.10
155	2.19	2.16	2.18	2.18	2.18	2.18	2.15	2.15	2.15	2.15	2.18	2.18	2.22	2.19	2.22	2.22	2.22	2.22	2.18
160	2.24	2.21	2.24	2.24	2.24	2.24	2.20	2.20	2.20	2.20	2.23	2.23	2.26	2.23	2.26	2.26	2.26	2.26	2.23
165	2.26	2.24	2.26	2.26	2.26	2.26	2.23	2.23	2.23	2.22	2.25	2.25	2.28	2.25	2.28	2.28	2.28	2.28	2.24
170	2.25	2.23	2.25	2.25	2.24	2.24	2.21	2.21	2.21	2.21	2.23	2.23	2.27	2.24	2.26	2.26	2.26	2.26	2.23
175	2.19	2.16	2.18	2.18	2.18	2.18	2.14	2.14	2.14	2.14	2.17	2.17	2.21	2.18	2.20	2.20	2.20	2.20	2.17
180	2.17	2.15	2.16	2.16	2.16	2.16	2.13	2.13	2.13	2.13	2.16	2.16	2.17	2.14	2.17	2.16	2.16	2.16	2.13

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:0.1240A P:27.10W PF:0.9590 Lamp Flux:2690.39x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: x10cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	1391	1391	1391	1391	1391														
5	1066	1093	1080	1115	1097														
10	556	579	570	596	580														
15	304	315	311	324	317														
20	192	198	195	202	199														
25	125	128	127	131	128														
30	74.1	75.7	76.3	80.3	77.2														
35	24.2	25.7	26.0	28.3	26.8														
40	7.09	7.13	6.90	6.76	7.09														
45	3.96	3.98	3.83	3.77	3.64														
50	2.62	2.61	2.54	2.52	2.45														
55	2.21	2.22	2.19	2.16	2.13														
60	2.11	2.14	2.14	2.11	2.08														
65	1.59	1.60	1.58	1.60	1.60														
70	1.16	1.17	1.16	1.17	1.16														
75	0.95	0.95	0.94	0.95	0.94														
80	0.74	0.75	0.74	0.74	0.74														
85	0.61	0.61	0.61	0.61	0.61														
90	0.62	0.62	0.62	0.63	0.63														
95	0.63	0.63	0.63	0.64	0.64														
100	0.65	0.64	0.64	0.65	0.65														
105	0.67	0.67	0.67	0.67	0.67														
110	0.71	0.71	0.71	0.71	0.71														
115	0.77	0.77	0.77	0.78	0.78														
120	0.87	0.87	0.87	0.87	0.88														
125	1.02	1.01	1.02	1.02	1.03														
130	1.25	1.24	1.24	1.25	1.25														
135	1.52	1.51	1.52	1.52	1.53														
140	1.78	1.76	1.77	1.78	1.79														
145	1.97	1.96	1.96	1.98	1.98														
150	2.10	2.09	2.10	2.11	2.12														
155	2.18	2.18	2.18	2.20	2.20														
160	2.22	2.22	2.22	2.25	2.25														
165	2.24	2.24	2.24	2.27	2.27														
170	2.23	2.23	2.23	2.25	2.25														
175	2.17	2.17	2.17	2.20	2.20														
180	2.13	2.13	2.13	2.16	2.16														

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: