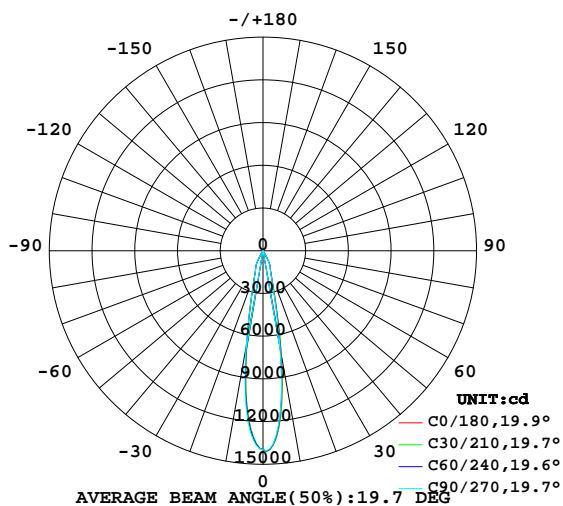


## LUMINAIRE PHOTOMETRIC TEST REPORT

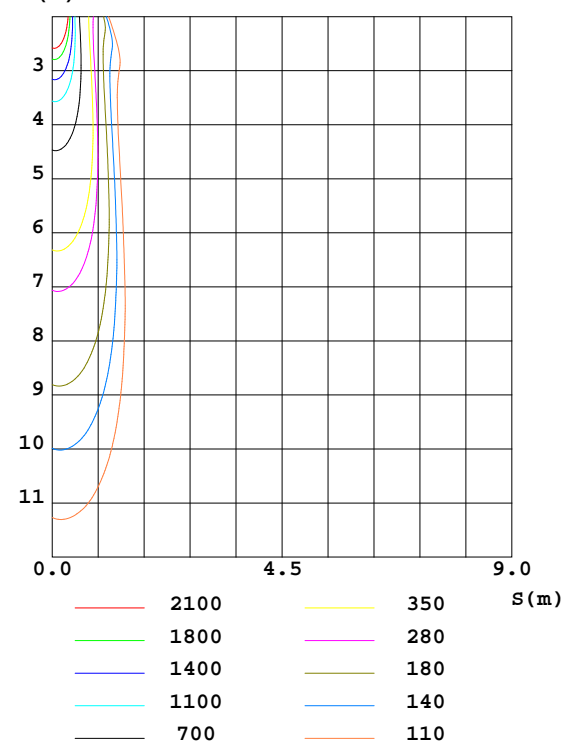
Test:U:226.5V I:0.1260A P:27.40W PF:0.9600 Lamp Flux:2593.72x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 94.66 lm/W			
MODEL	TL10-30W-827-W-20	Imax(cd)	14092	S/MH(C0/180)	0.35
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.34
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2593.7	$\eta$ UP,DN(C0-180)	1.3,49.3
NOMINAL FLUX(lm)	2593.72	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.4,48.0
LAMPS INSIDE	1	$\eta$ up(%)	2.7	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.5	$\eta$ down(%)	97.3	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:2016-09-08

$\gamma$  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:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	738.6	730.4	692.2	697.2	654.7	638.9	683.1	699.1	0- 10	988.1	988.1	38.1,38.1
20	162.7	163.5	156.8	163.9	163.2	156.9	160.9	159.9	10- 20	885.2	1873	72.2,72.2
30	46.95	47.83	41.81	43.13	42.47	42.74	45.28	43.45	20- 30	498.8	2372	91.5,91.5
40	4.520	4.475	4.421	4.457	4.432	4.267	4.313	4.345	30- 40	81.50	2454	94.6,94.6
50	2.453	2.438	2.433	2.372	2.348	2.373	2.430	2.372	40- 50	24.79	2478	95.6,95.6
60	1.520	1.472	1.475	1.486	1.401	1.387	1.427	1.441	50- 60	16.51	2495	96.2,96.2
70	1.115	1.091	1.100	1.114	1.061	1.038	1.052	1.079	60- 70	12.50	2507	96.7,96.7
80	0.8168	0.8006	0.8014	0.8224	0.7937	0.7841	0.7974	0.8115	70- 80	9.875	2517	97.1,97.1
90	0.5377	0.5327	0.5260	0.5826	0.6376	0.6373	0.6437	0.6476	80- 90	7.617	2525	97.3,97.3
100	0.3939	0.3872	0.3884	0.4064	0.6488	0.6477	0.6473	0.6687	90-100	5.996	2531	97.6,97.6
110	0.5079	0.5055	0.5063	0.5074	0.6907	0.6899	0.6890	0.6896	100-110	5.796	2537	97.8,97.8
120	0.6923	0.6871	0.6900	0.6875	0.8225	0.8207	0.8159	0.8175	110-120	6.636	2543	98.1,98.1
130	1.121	1.116	1.129	1.135	1.231	1.228	1.217	1.210	120-130	8.308	2552	98.4,98.4
140	1.750	1.748	1.760	1.757	1.808	1.808	1.796	1.793	130-140	11.44	2563	98.8,98.8
150	2.088	2.082	2.090	2.085	2.126	2.125	2.119	2.120	140-150	12.29	2575	99.3,99.3
160	2.223	2.217	2.222	2.219	2.241	2.237	2.238	2.237	150-160	10.07	2585	99.7,99.7
170	2.194	2.187	2.182	2.176	2.211	2.207	2.211	2.212	160-170	6.326	2592	99.9,99.9
180	2.036	2.022	2.018	2.020	2.036	2.023	2.018	2.020	170-180	2.023	2594	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

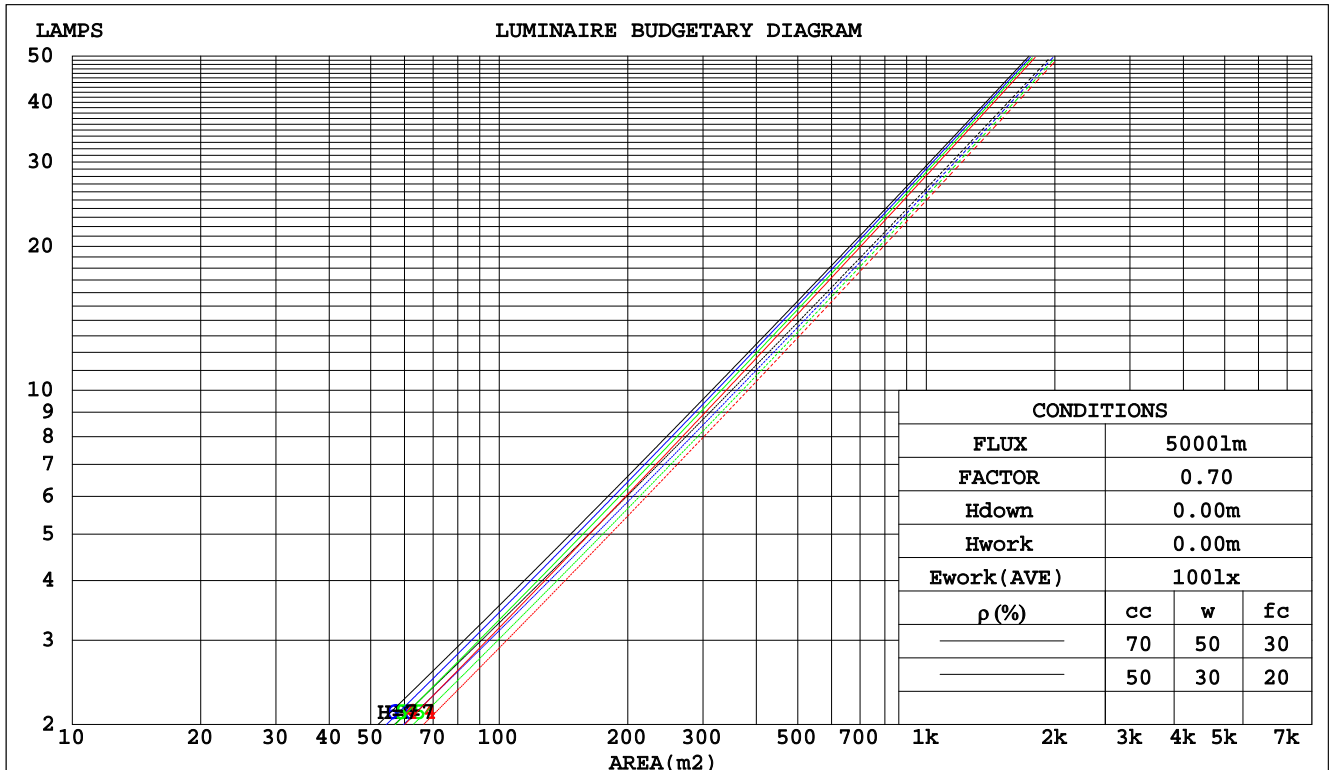
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-08

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:0.1260A P:27.40W PF:0.9600 Lamp Flux:2593.72x1 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	1.12	1.10	1.08	1.09	1.08	1.06	1.05	1.04	1.02	1.01	.00	.99	.97	.96	.95	.94
2.0	1.06	1.03	1.00	1.04	1.01	.99	1.01	.98	.97	.97	.96	.94	.94	.93	.92	.90
3.0	1.01	.98	.95	.00	.96	.94	.97	.94	.92	.94	.92	.90	.92	.90	.88	.87
4.0	.97	.93	.90	.96	.92	.89	.94	.90	.88	.91	.89	.87	.89	.87	.86	.84
5.0	.94	.89	.86	.93	.89	.86	.91	.87	.85	.89	.86	.84	.87	.85	.83	.82
6.0	.90	.86	.83	.89	.85	.82	.88	.84	.82	.86	.83	.81	.85	.82	.80	.79
7.0	.87	.83	.80	.87	.82	.80	.85	.82	.79	.84	.81	.78	.83	.80	.78	.77
8.0	.84	.80	.77	.84	.80	.77	.83	.79	.77	.82	.78	.76	.81	.78	.76	.75
9.0	.82	.78	.75	.81	.78	.75	.80	.77	.74	.80	.76	.74	.79	.76	.74	.73
10.0	.80	.76	.73	.79	.75	.73	.78	.75	.72	.78	.74	.72	.77	.74	.72	.71



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-08

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:0.1260A P:27.40W PF:0.9600 Lamp Flux:2593.72x1 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	.146	.083	.026	.139	.079	.025	.125	.072	.023	.112	.065	.021	.100	.058	.019		
2.0	.134	.074	.023	.128	.071	.022	.117	.065	.020	.106	.059	.019	.096	.054	.017		
3.0	.125	.066	.020	.119	.064	.019	.109	.059	.018	.100	.055	.017	.092	.051	.016		
4.0	.116	.060	.018	.112	.059	.017	.103	.055	.016	.095	.051	.015	.088	.048	.015		
5.0	.109	.056	.016	.105	.054	.016	.098	.051	.015	.091	.048	.014	.085	.045	.014		
6.0	.103	.052	.015	.100	.050	.014	.093	.048	.014	.087	.045	.013	.082	.043	.013		
7.0	.097	.048	.014	.094	.047	.013	.089	.045	.013	.084	.043	.012	.079	.041	.012		
8.0	.093	.045	.013	.090	.044	.013	.085	.042	.012	.080	.041	.012	.076	.039	.011		
9.0	.088	.043	.012	.086	.042	.012	.081	.040	.011	.077	.039	.011	.073	.037	.011		
10.0	.084	.040	.011	.082	.040	.011	.078	.038	.011	.074	.037	.010	.071	.036	.010		

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	.189	.178	.168	.162	.153	.144	.111	.105	.100	.064	.061	.058	.020	.020	.019		
2.0	.172	.153	.138	.147	.132	.119	.101	.091	.083	.058	.053	.049	.019	.017	.016		
3.0	.157	.134	.116	.135	.116	.100	.092	.080	.070	.053	.047	.041	.017	.015	.014		
4.0	.145	.119	.099	.124	.103	.086	.085	.072	.060	.049	.042	.036	.016	.014	.012		
5.0	.134	.107	.086	.115	.092	.075	.080	.064	.053	.046	.038	.031	.015	.012	.010		
6.0	.126	.097	.076	.108	.084	.066	.074	.059	.047	.043	.034	.028	.014	.011	.009		
7.0	.118	.089	.068	.102	.077	.059	.070	.054	.042	.041	.032	.025	.013	.010	.008		
8.0	.112	.082	.062	.096	.071	.054	.066	.050	.038	.039	.029	.023	.013	.010	.008		
9.0	.106	.076	.056	.091	.066	.049	.063	.047	.035	.037	.027	.021	.012	.009	.007		
10.0	.101	.072	.052	.087	.062	.045	.060	.044	.032	.035	.026	.019	.011	.008	.006		

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-08

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:0.1260A P:27.40W PF:0.9600 Lamp Flux:2593.72x1 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	8.5	9.2	8.7	9.3	9.5	8.2	8.9	8.5	9.1	9.3	
	3H	9.4	10.1	9.7	10.3	10.5	9.2	9.9	9.5	10.1	10.3
	4H	10.1	10.7	10.4	10.9	11.2	9.9	10.5	10.2	10.7	11.0
	6H	10.9	11.4	11.2	11.7	12.0	10.7	11.3	11.0	11.6	11.8
	8H	11.4	11.9	11.7	12.2	12.5	11.2	11.8	11.6	12.0	12.3
	12H	12.0	12.5	12.3	12.8	13.1	11.8	12.3	12.2	12.6	13.0
4H	2H	8.7	9.3	9.0	9.6	9.8	8.5	9.1	8.8	9.4	9.6
	3H	10.0	10.5	10.3	10.8	11.1	9.8	10.3	10.2	10.6	10.9
	4H	10.8	11.3	11.2	11.6	12.0	10.7	11.1	11.1	11.5	11.8
	6H	11.9	12.3	12.3	12.7	13.0	11.7	12.2	12.1	12.5	12.9
	8H	12.5	12.9	12.9	13.3	13.7	12.4	12.8	12.8	13.2	13.6
	12H	13.2	13.6	13.7	14.0	14.4	13.1	13.5	13.6	13.9	14.3
8H	4H	11.1	11.5	11.6	11.9	12.3	11.0	11.4	11.5	11.8	12.2
	6H	12.5	12.8	12.9	13.2	13.7	12.4	12.7	12.8	13.1	13.6
	8H	13.3	13.6	13.8	14.0	14.5	13.2	13.5	13.7	13.9	14.4
	12H	14.2	14.5	14.8	15.0	15.5	14.1	14.4	14.6	14.9	15.4
12H	4H	11.2	11.6	11.7	12.0	12.4	11.1	11.5	11.6	11.9	12.3
	6H	12.6	12.9	13.1	13.4	13.9	12.5	12.8	13.0	13.3	13.8
	8H	13.5	13.8	14.0	14.3	14.8	13.4	13.7	13.9	14.2	14.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3					
1.5H	+ 0.4 / - 0.2					+ 0.4 / - 0.2					
2.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					

CIE Pub.117 Corrected 2594 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.3)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-08

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:0.1260A P:27.40W PF:0.9600 Lamp Flux:2593.72x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

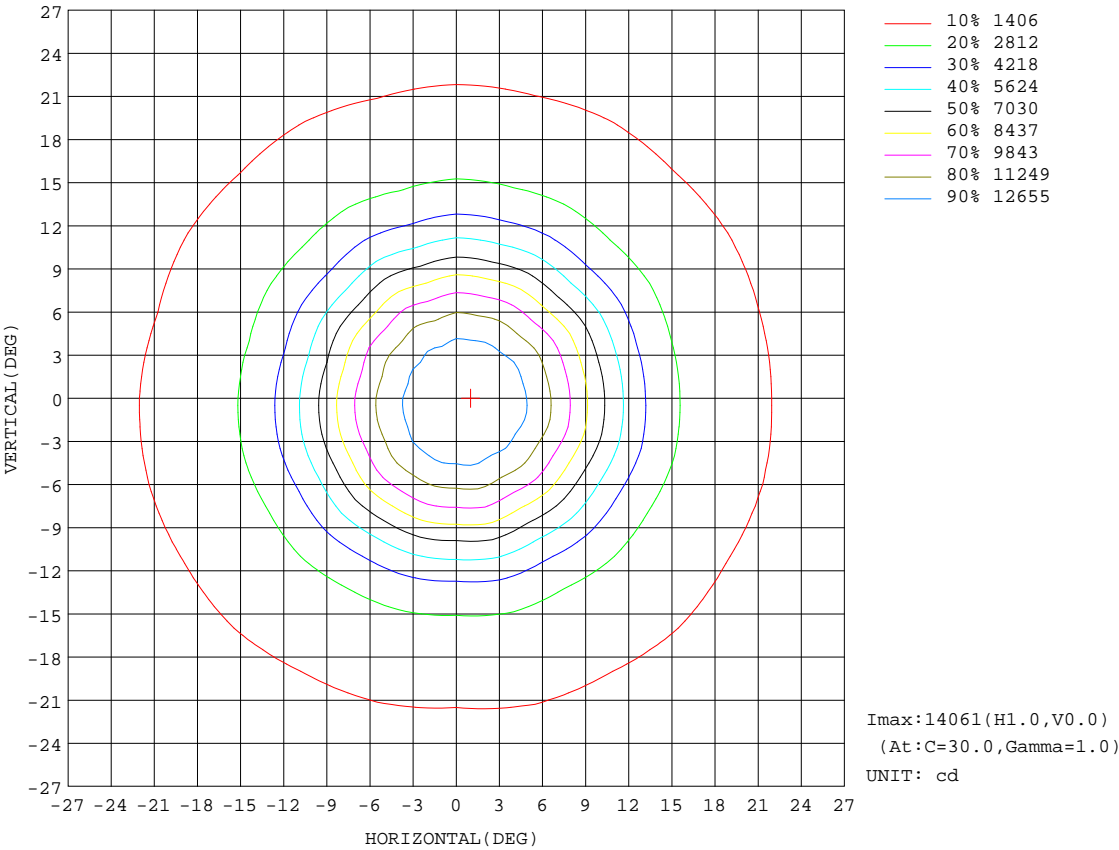
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	79	88	82	79	87	82	78	75
0.80	95	90	86	95	89	86	93	89	85	82
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	95	102	97	94	100	96	93	89
1.50	106	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:2016-09-08

$\gamma$  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:0.1260A P:27.40W PF:0.9600 Lamp Flux:2593.72x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



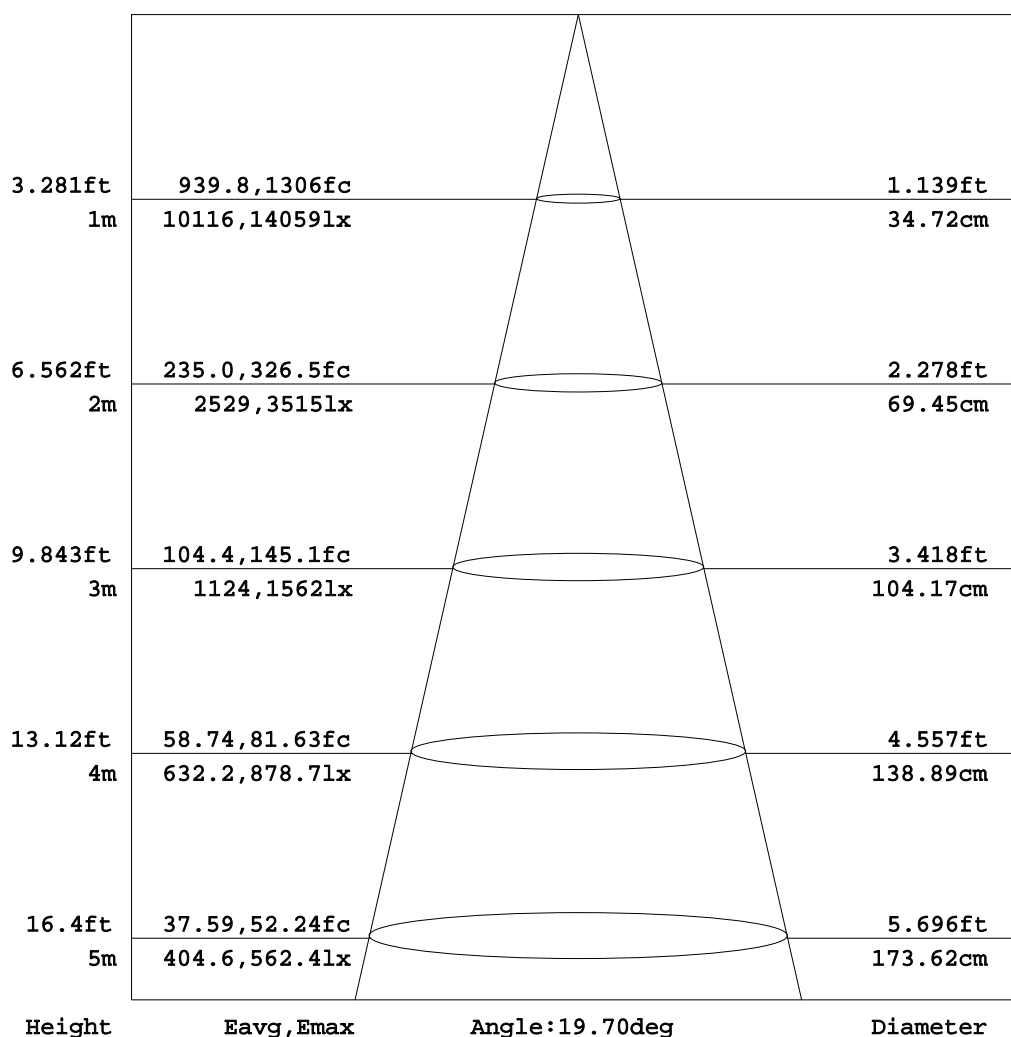
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-08

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:0.1260A P:27.40W PF:0.9600 Lamp Flux:2593.72x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:988.1 lm



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

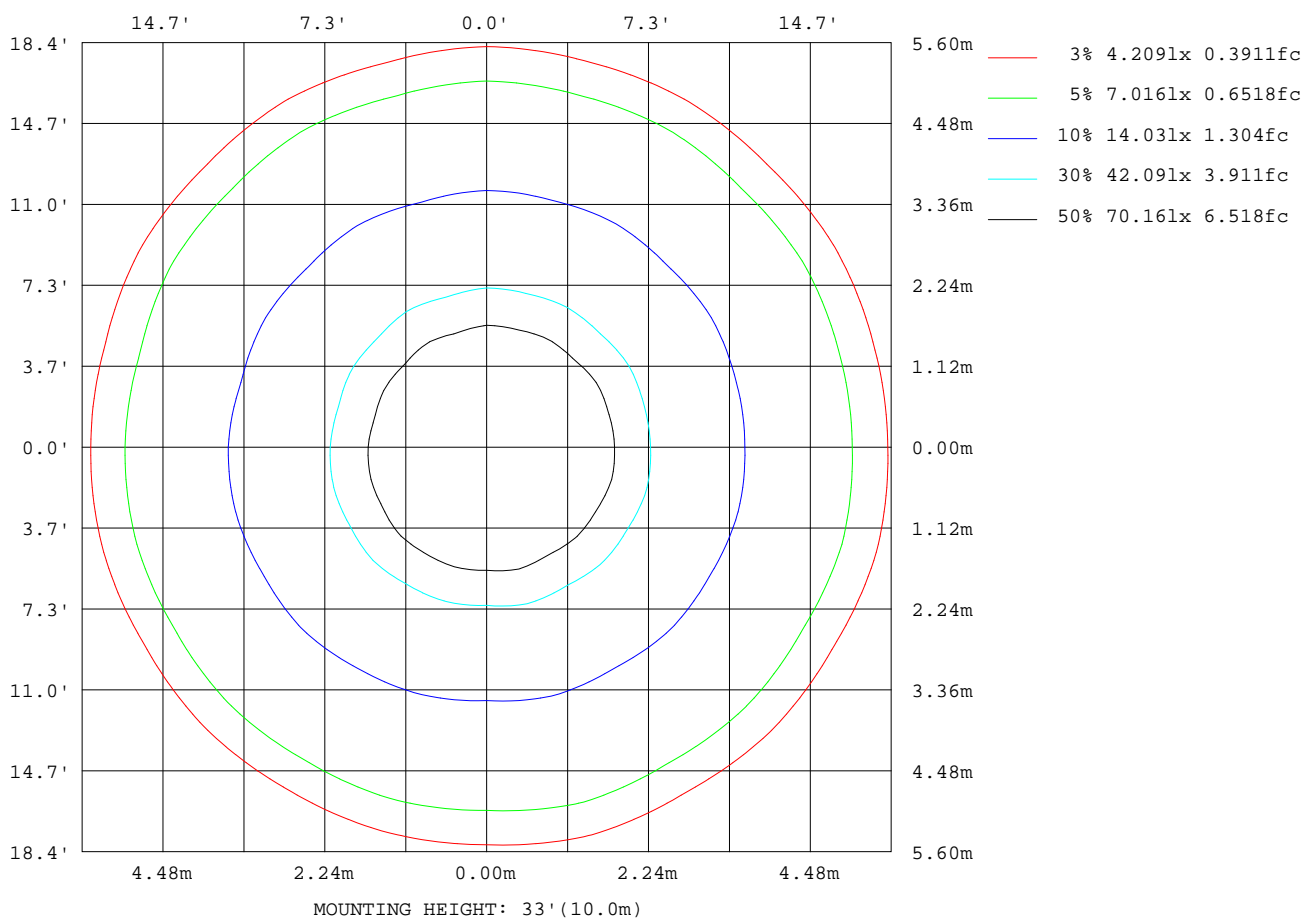
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-08

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

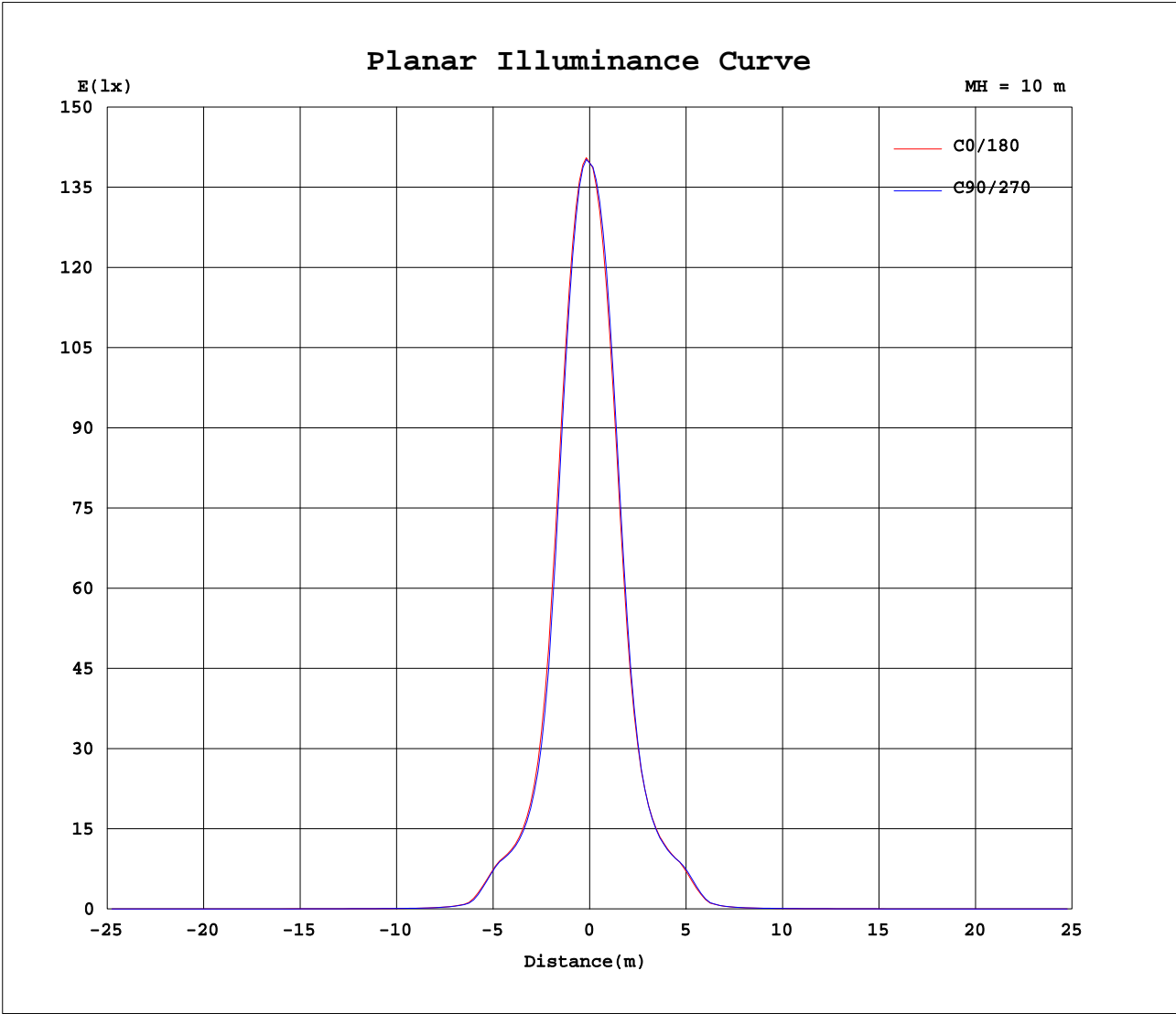
Test:U:226.5V I:0.1260A P:27.40W PF:0.9600 Lamp Flux:2593.72x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-09-08

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:2016-09-08

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:0.1260A P:27.40W PF:0.9600 Lamp Flux:2593.72x1 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	1397	1397	1397	1397	1397	1397	1397	1397	1397	1397	1397	1397	1397	1397	1397	1397	1397	1397	1397
5	1260	1267	1255	1258	1242	1254	1237	1237	1220	1217	1189	1184	1177	1156	1175	1163	1192	1176	1209
10	739	750	726	730	702	721	692	699	687	697	667	666	655	632	647	639	668	650	683
15	306	312	302	304	289	297	286	290	289	297	288	292	288	277	286	278	290	278	292
20	163	164	162	164	159	162	157	160	160	164	161	164	163	157	161	157	161	157	161
25	121	122	119	120	120	121	119	120	119	120	119	120	118	115	119	117	119	117	119
30	47.0	49.9	46.1	47.8	43.1	46.9	41.8	42.7	40.3	43.1	40.0	42.9	42.5	41.1	45.1	42.7	46.1	41.8	45.3
35	10.2	10.5	9.99	10.3	9.67	10.1	9.58	9.70	9.45	9.79	9.43	9.52	9.42	9.25	9.43	9.01	9.45	8.96	9.48
40	4.52	4.54	4.40	4.48	4.36	4.52	4.42	4.45	4.38	4.46	4.41	4.48	4.43	4.37	4.38	4.27	4.33	4.21	4.31
45	3.21	3.19	3.17	3.19	3.16	3.20	3.17	3.16	3.12	3.15	3.14	3.19	3.14	3.10	3.12	3.08	3.13	3.10	3.15
50	2.45	2.43	2.42	2.44	2.43	2.46	2.43	2.41	2.37	2.37	2.36	2.39	2.35	2.32	2.36	2.37	2.40	2.38	2.43
55	1.88	1.85	1.83	1.82	1.81	1.84	1.82	1.82	1.81	1.82	1.81	1.81	1.74	1.71	1.73	1.76	1.78	1.77	1.81
60	1.52	1.50	1.48	1.47	1.47	1.47	1.47	1.47	1.47	1.49	1.48	1.47	1.40	1.37	1.38	1.39	1.41	1.40	1.43
65	1.31	1.29	1.28	1.27	1.28	1.28	1.28	1.28	1.28	1.30	1.30	1.29	1.24	1.22	1.22	1.20	1.22	1.22	1.23
70	1.11	1.10	1.09	1.09	1.09	1.10	1.10	1.10	1.10	1.11	1.11	1.11	1.06	1.05	1.05	1.04	1.05	1.05	1.05
75	0.96	0.95	0.94	0.94	0.94	0.94	0.95	0.95	0.94	0.96	0.95	0.94	0.92	0.91	0.91	0.90	0.91	0.92	0.92
80	0.82	0.81	0.81	0.80	0.80	0.80	0.80	0.80	0.82	0.82	0.82	0.81	0.79	0.79	0.79	0.78	0.79	0.80	0.80
85	0.69	0.68	0.68	0.67	0.67	0.67	0.67	0.67	0.70	0.72	0.70	0.68	0.71	0.71	0.71	0.71	0.71	0.71	0.71
90	0.54	0.54	0.53	0.53	0.53	0.53	0.53	0.52	0.56	0.58	0.55	0.51	0.64	0.64	0.64	0.64	0.64	0.65	0.64
95	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.43	0.45	0.48	0.45	0.42	0.64	0.64	0.65	0.64	0.64	0.65	0.64
100	0.39	0.39	0.39	0.39	0.39	0.38	0.39	0.39	0.40	0.41	0.40	0.39	0.65	0.65	0.65	0.65	0.65	0.66	0.65
105	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.43	0.43	0.42	0.66	0.66	0.67	0.66	0.66	0.67	0.66
110	0.51	0.50	0.51	0.51	0.51	0.50	0.51	0.50	0.51	0.51	0.51	0.51	0.69	0.69	0.70	0.69	0.69	0.69	0.69
115	0.60	0.59	0.60	0.59	0.60	0.59	0.59	0.59	0.60	0.59	0.60	0.59	0.74	0.74	0.74	0.74	0.74	0.74	0.74
120	0.69	0.69	0.69	0.69	0.70	0.68	0.69	0.68	0.69	0.69	0.69	0.69	0.82	0.83	0.83	0.82	0.82	0.82	0.82
125	0.85	0.84	0.86	0.85	0.86	0.84	0.86	0.85	0.86	0.86	0.87	0.86	0.98	0.98	0.98	0.98	0.97	0.97	0.97
130	1.12	1.11	1.13	1.12	1.13	1.11	1.13	1.12	1.14	1.13	1.15	1.14	1.23	1.24	1.23	1.23	1.22	1.23	1.22
135	1.45	1.44	1.46	1.45	1.47	1.45	1.46	1.46	1.47	1.47	1.48	1.48	1.54	1.54	1.54	1.54	1.53	1.53	1.52
140	1.75	1.74	1.76	1.75	1.76	1.75	1.76	1.75	1.76	1.76	1.77	1.76	1.81	1.81	1.81	1.81	1.80	1.81	1.80
145	1.96	1.95	1.96	1.95	1.96	1.95	1.96	1.95	1.96	1.96	1.96	1.96	2.00	2.00	2.00	2.00	2.00	2.00	1.99
150	2.09	2.08	2.09	2.08	2.09	2.08	2.09	2.08	2.09	2.08	2.09	2.09	2.13	2.12	2.13	2.13	2.13	2.12	2.12
155	2.17	2.17	2.18	2.17	2.18	2.17	2.18	2.17	2.17	2.17	2.18	2.17	2.20	2.20	2.21	2.20	2.20	2.20	2.20
160	2.22	2.22	2.23	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.24	2.24	2.24	2.24	2.24	2.24	2.24
165	2.24	2.23	2.24	2.23	2.24	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.25	2.25	2.25	2.25	2.25	2.24	2.25
170	2.19	2.19	2.19	2.19	2.19	2.18	2.18	2.18	2.17	2.18	2.17	2.17	2.21	2.21	2.21	2.21	2.21	2.21	2.21
175	2.08	2.07	2.07	2.06	2.06	2.06	2.05	2.04	2.04	2.04	2.04	2.04	2.09	2.09	2.09	2.09	2.09	2.08	2.09
180	2.04	2.03	2.03	2.02	2.03	2.02	2.02	2.01	2.02	2.02	2.02	2.02	2.04	2.03	2.03	2.02	2.03	2.02	2.02

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-08

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:0.1260A P:27.40W PF:0.9600 Lamp Flux:2593.72x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: x10cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1397	1397	1397	1397	1397														
5	1206	1225	1225	1252	1247														
10	678	704	699	734	726														
15	287	298	293	307	301														
20	159	162	160	164	162														
25	118	119	118	120	120														
30	43.0	45.3	43.5	47.7	46.0														
35	9.28	9.51	9.50	10.1	9.95														
40	4.26	4.32	4.35	4.52	4.50														
45	3.12	3.12	3.13	3.21	3.21														
50	2.40	2.38	2.37	2.43	2.43														
55	1.80	1.79	1.79	1.85	1.85														
60	1.43	1.43	1.44	1.48	1.50														
65	1.23	1.24	1.26	1.28	1.28														
70	1.06	1.07	1.08	1.10	1.10														
75	0.91	0.92	0.93	0.94	0.95														
80	0.80	0.80	0.81	0.81	0.81														
85	0.72	0.72	0.74	0.73	0.72														
90	0.64	0.66	0.65	0.66	0.64														
95	0.64	0.67	0.68	0.65	0.64														
100	0.65	0.66	0.67	0.65	0.65														
105	0.66	0.66	0.66	0.66	0.66														
110	0.69	0.69	0.69	0.69	0.69														
115	0.73	0.73	0.74	0.74	0.74														
120	0.82	0.81	0.82	0.81	0.82														
125	0.97	0.96	0.97	0.96	0.96														
130	1.22	1.21	1.21	1.20	1.20														
135	1.52	1.51	1.51	1.50	1.50														
140	1.79	1.79	1.79	1.78	1.79														
145	1.99	1.99	1.99	1.98	1.99														
150	2.12	2.12	2.12	2.11	2.12														
155	2.20	2.20	2.20	2.20	2.20														
160	2.23	2.23	2.24	2.24	2.24														
165	2.24	2.24	2.25	2.24	2.24														
170	2.21	2.21	2.21	2.21	2.21														
175	2.09	2.09	2.09	2.10	2.10														
180	2.01	2.02	2.02	2.02	2.02														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-08

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: