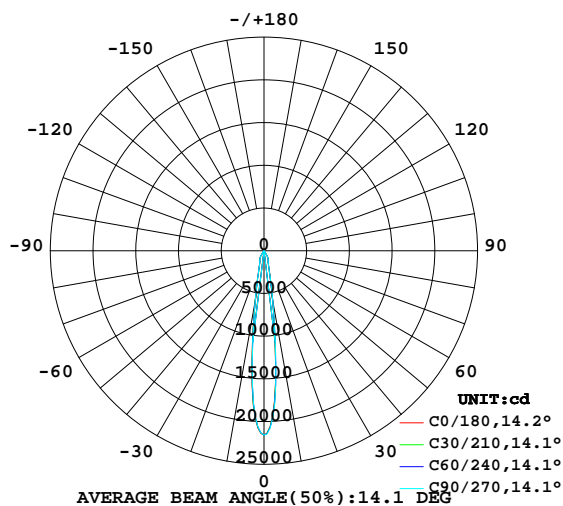


## LUMINAIRE PHOTOMETRIC TEST REPORT

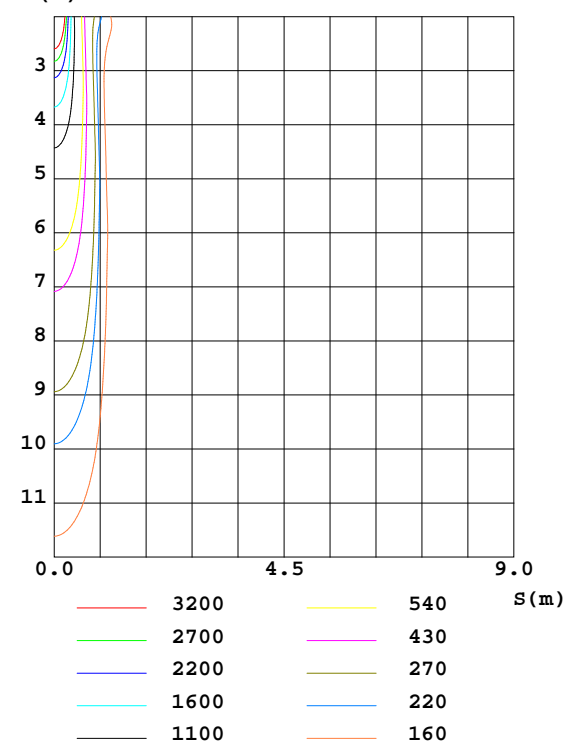
Test:U:226.5V I:0.1260A P:27.50W PF:0.9600 Lamp Flux:2761.97x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.44 lm/W			
MODEL	TL16-30W-827-W-15	Imax(cd)	21585	S/MH(C0/180)	0.24
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.25
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2762.0	η UP,DN(C0-180)	1.2,49.2
NOMINAL FLUX(lm)	2761.97	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.2
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: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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	591.9	594.7	603.1	621.0	608.3	584.8	588.6	587.7	0- 10	1143	1143	41.4,41.4
20	145.3	147.2	147.6	151.3	147.3	145.2	145.1	144.3	10- 20	748.1	1891	68.5,68.5
30	83.97	87.84	87.82	89.95	89.69	83.67	85.68	82.99	20- 30	538.0	2429	87.9,87.9
40	5.427	5.814	5.648	5.644	5.991	5.603	5.751	5.583	30- 40	196.7	2626	95.1,95.1
50	1.478	1.423	1.442	1.419	1.477	1.397	1.478	1.483	40- 50	20.70	2646	95.8,95.8
60	1.314	1.290	1.284	1.272	1.263	1.293	1.241	1.306	50- 60	11.69	2658	96.2,96.2
70	1.070	1.092	1.103	1.092	1.093	1.085	1.063	1.059	60- 70	12.50	2671	96.7,96.7
80	0.8794	0.8724	0.8788	0.8627	0.8591	0.8624	0.8539	0.8635	70- 80	10.06	2681	97.1,97.1
90	0.5664	0.5589	0.5601	0.5551	0.6708	0.6657	0.6615	0.6702	80- 90	8.276	2689	97.4,97.4
100	0.4048	0.3986	0.3999	0.3969	0.6830	0.6833	0.6816	0.6878	90-100	6.217	2695	97.6,97.6
110	0.5804	0.5783	0.5804	0.5697	0.7450	0.7496	0.7449	0.7490	100-110	6.257	2701	97.8,97.8
120	0.7418	0.7379	0.7411	0.7300	0.8752	0.8822	0.8761	0.8826	110-120	7.250	2709	98.1,98.1
130	1.184	1.169	1.173	1.158	1.265	1.280	1.274	1.285	120-130	8.689	2717	98.4,98.4
140	1.890	1.884	1.879	1.877	1.908	1.923	1.925	1.922	130-140	12.17	2730	98.8,98.8
150	2.193	2.197	2.183	2.212	2.220	2.226	2.229	2.225	140-150	13.06	2743	99.3,99.3
160	2.326	2.324	2.324	2.317	2.338	2.341	2.336	2.337	150-160	10.51	2753	99.7,99.7
170	2.363	2.365	2.362	2.362	2.379	2.380	2.376	2.374	160-170	6.702	2760	99.9,99.9
180	2.159	2.158	2.155	2.154	2.160	2.157	2.155	2.154	170-180	2.188	2762	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

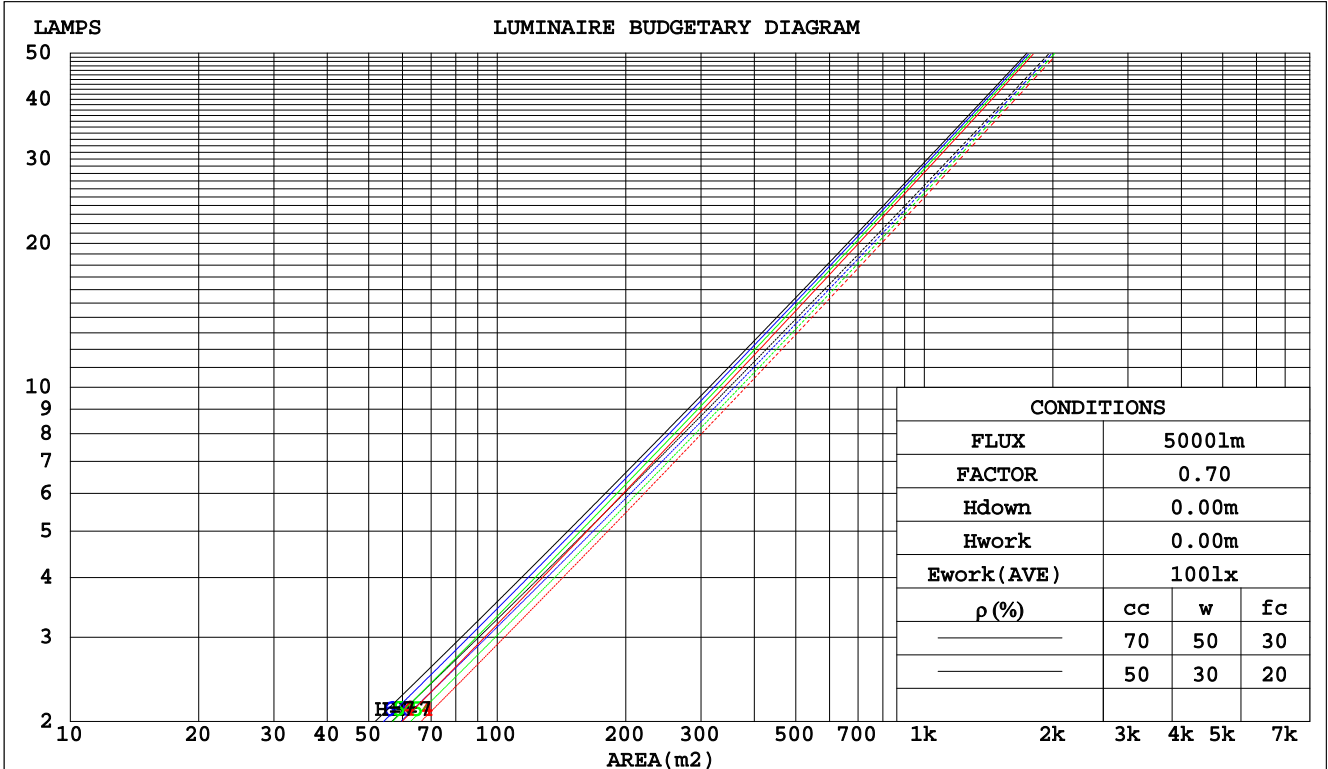
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-16

$\gamma$  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:

### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.5V I:0.1260A P:27.50W PF:0.9600 Lamp Flux:2761.97x1 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	1.03	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	.96	.97	.96	.94	.94	.93	.92	.90
3.0	1.01	.97	.94	.00	.96	.93	.97	.94	.92	.94	.92	.90	.92	.90	.88	.87
4.0	.97	.93	.90	.96	.92	.89	.93	.90	.88	.91	.89	.86	.89	.87	.85	.84
5.0	.93	.89	.86	.92	.88	.85	.90	.87	.84	.89	.86	.83	.87	.84	.82	.81
6.0	.90	.86	.82	.89	.85	.82	.87	.84	.81	.86	.83	.81	.85	.82	.80	.79
7.0	.87	.83	.80	.86	.82	.79	.85	.81	.79	.84	.80	.78	.82	.80	.78	.76
8.0	.84	.80	.77	.84	.80	.77	.82	.79	.76	.81	.78	.76	.80	.78	.75	.74
9.0	.82	.77	.75	.81	.77	.74	.80	.77	.74	.79	.76	.74	.78	.76	.73	.72
10.0	.79	.75	.73	.79	.75	.72	.78	.75	.72	.77	.74	.72	.77	.74	.72	.71



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

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:226.5V I:0.1260A P:27.50W PF:0.9600 Lamp Flux:2761.97x1 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	.147	.083	.026	.139	.079	.025	.125	.072	.023	.113	.065	.021	.101	.058	.019	
2.0	.135	.074	.023	.129	.071	.022	.117	.065	.020	.107	.060	.019	.097	.055	.017	
3.0	.125	.067	.020	.120	.064	.019	.110	.060	.018	.101	.055	.017	.093	.051	.016	
4.0	.117	.061	.018	.113	.059	.017	.104	.055	.017	.096	.052	.016	.089	.048	.015	
5.0	.110	.056	.016	.106	.054	.016	.099	.051	.015	.092	.049	.014	.086	.046	.014	
6.0	.104	.052	.015	.100	.051	.015	.094	.048	.014	.088	.046	.013	.082	.043	.013	
7.0	.098	.049	.014	.095	.047	.014	.090	.045	.013	.084	.043	.013	.079	.041	.012	
8.0	.093	.046	.013	.091	.045	.013	.086	.043	.012	.081	.041	.012	.076	.039	.011	
9.0	.089	.043	.012	.087	.042	.012	.082	.041	.011	.078	.039	.011	.074	.037	.011	
10.0	.085	.041	.011	.083	.040	.011	.079	.039	.011	.075	.037	.011	.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	.137	.147	.132	.119	.101	.091	.083	.058	.053	.049	.019	.017	.016	
3.0	.157	.134	.115	.135	.115	.100	.093	.080	.070	.053	.047	.041	.017	.015	.014	
4.0	.145	.119	.099	.124	.103	.086	.086	.071	.060	.049	.042	.036	.016	.014	.012	
5.0	.135	.107	.086	.116	.092	.075	.080	.064	.053	.046	.038	.031	.015	.012	.010	
6.0	.126	.097	.076	.108	.084	.066	.075	.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	.061	.096	.071	.054	.067	.050	.038	.039	.029	.023	.013	.010	.007	
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:2016-08-16

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:226.5V I:0.1260A P:27.50W PF:0.9600 Lamp Flux:2761.97x1 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		13.8	14.4	14.0	14.6	14.8	14.1	14.7	14.3	14.9	15.1
	3H	14.0	14.6	14.2	14.8	15.0	14.2	14.8	14.5	15.1	15.3
	4H	14.1	14.7	14.4	15.0	15.2	14.4	15.0	14.7	15.2	15.5
	6H	14.5	15.0	14.8	15.3	15.6	14.7	15.2	15.0	15.5	15.8
	8H	14.7	15.3	15.1	15.5	15.9	14.9	15.5	15.3	15.8	16.1
	12H	15.1	15.6	15.4	15.9	16.2	15.2	15.8	15.6	16.1	16.4
4H	2H	13.7	14.3	14.0	14.5	14.8	13.9	14.5	14.2	14.8	15.0
	3H	14.0	14.5	14.3	14.8	15.1	14.2	14.7	14.6	15.0	15.4
	4H	14.3	14.8	14.7	15.1	15.4	14.5	15.0	14.9	15.3	15.7
	6H	14.8	15.3	15.2	15.6	16.0	15.0	15.4	15.4	15.8	16.2
	8H	15.2	15.6	15.7	16.0	16.4	15.4	15.8	15.8	16.2	16.6
	12H	15.8	16.1	16.2	16.5	17.0	15.9	16.3	16.3	16.7	17.1
8H	4H	14.4	14.8	14.8	15.2	15.6	14.6	15.0	15.0	15.4	15.8
	6H	15.1	15.5	15.6	15.9	16.4	15.3	15.6	15.8	16.1	16.5
	8H	15.7	16.0	16.2	16.5	17.0	15.9	16.1	16.3	16.6	17.1
	12H	16.5	16.7	17.0	17.2	17.8	16.6	16.8	17.1	17.3	17.8
12H	4H	14.4	14.7	14.8	15.2	15.6	14.6	14.9	15.0	15.4	15.8
	6H	15.2	15.5	15.7	16.0	16.5	15.4	15.7	15.9	16.1	16.6
	8H	15.9	16.2	16.4	16.7	17.2	16.0	16.3	16.5	16.8	17.3
Variations with the observer position at spacings:											
S = 1.0H	+ 0.6 / - 0.4					+ 0.7 / - 0.5					
1.5H	+ 1.4 / - 0.4					+ 1.6 / - 0.4					
2.0H	+ 0.3 / - 0.2					+ 0.3 / - 0.2					

CIE Pub.117 Corrected 2762 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.5)

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:226.5V I:0.1260A P:27.50W PF:0.9600 Lamp Flux:2761.97x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

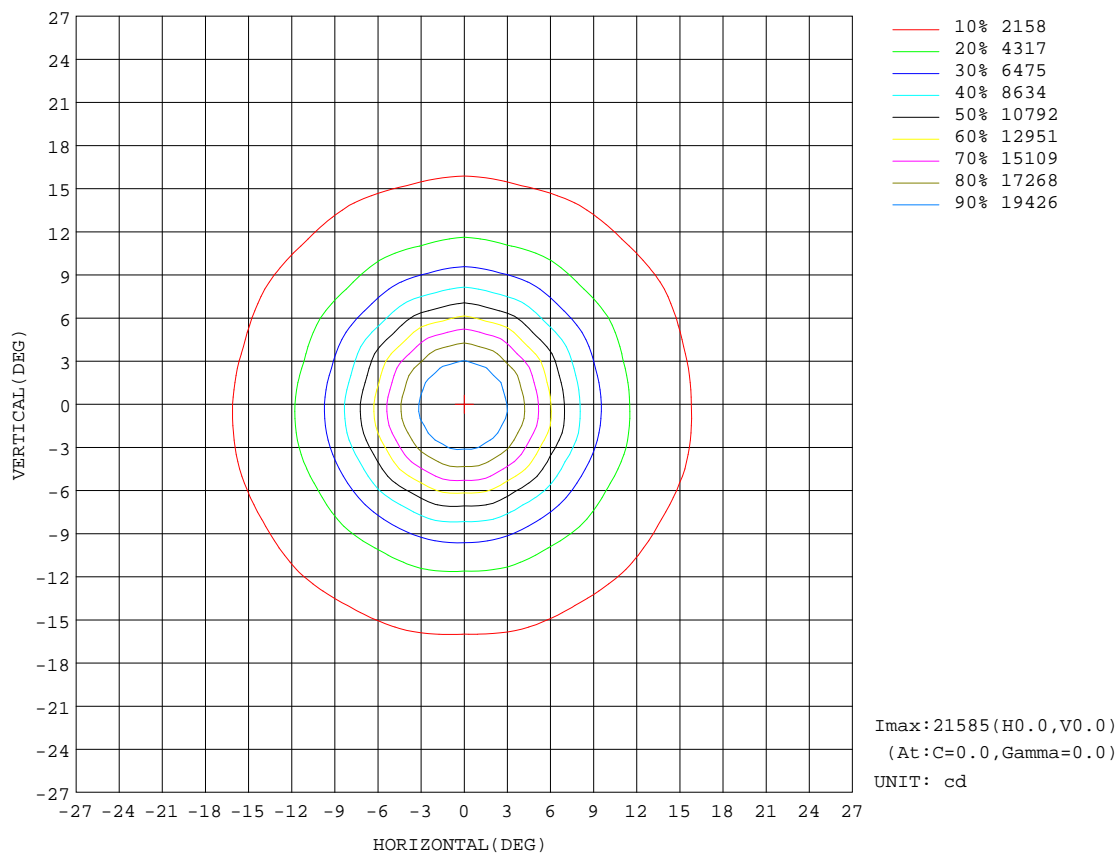
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	89	83	79	88	82	79	87	82	79	75
0.80	96	90	87	95	90	86	93	89	86	82
1.00	99	94	91	99	94	90	97	93	90	86
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	101	98	93
2.50	110	106	103	108	105	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	115	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:2016-08-16

$\gamma$  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:226.5V I:0.1260A P:27.50W PF:0.9600 Lamp Flux:2761.97x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



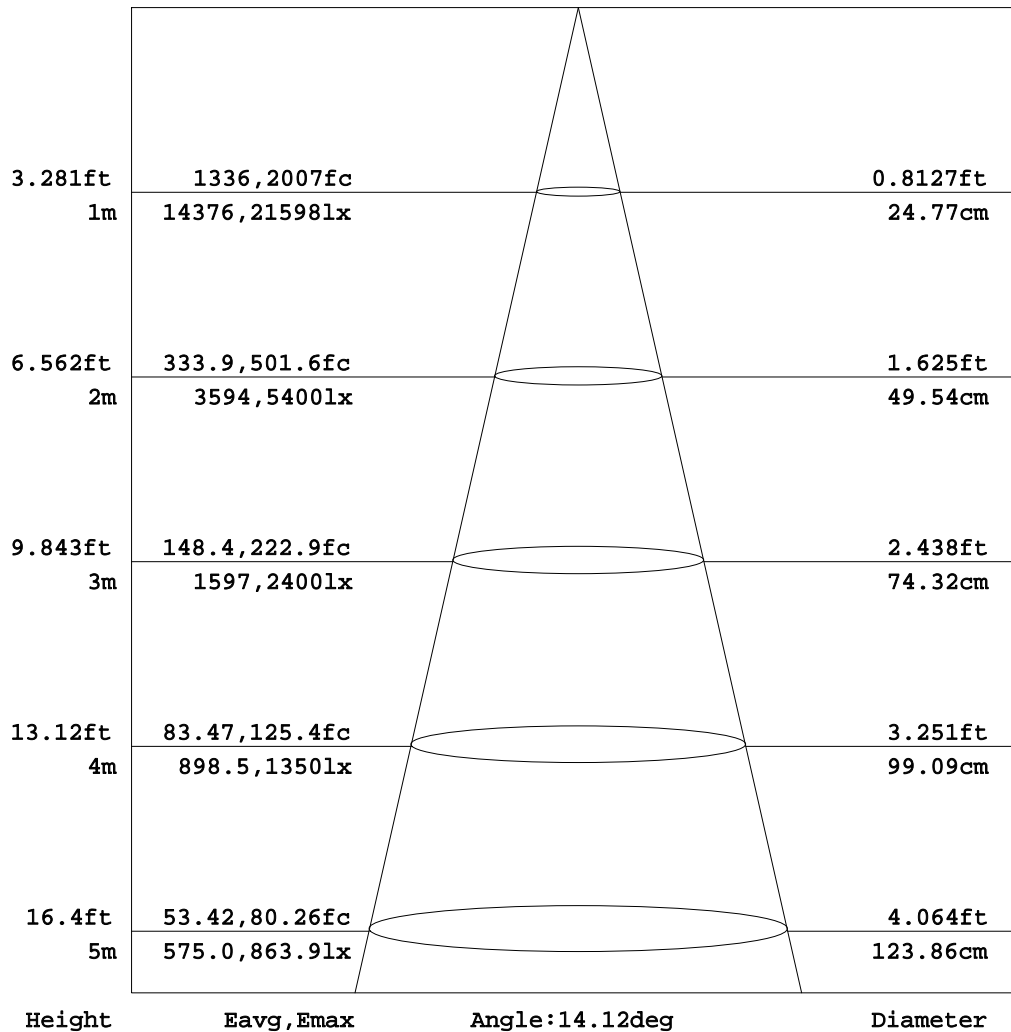
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-08-16

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:226.5V I:0.1260A P:27.50W PF:0.9600 Lamp Flux:2761.97x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:892.0 lm



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

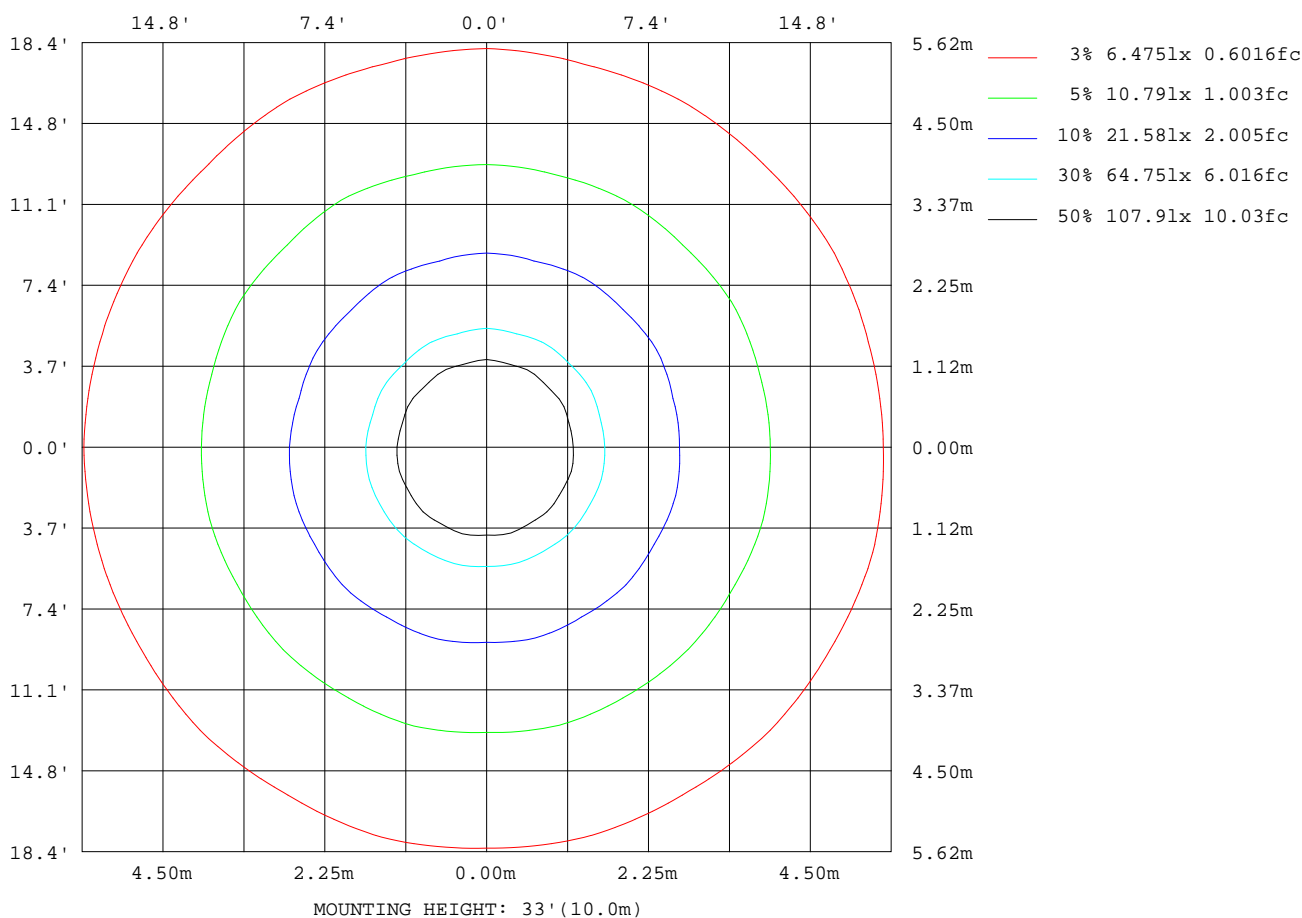
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-16

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

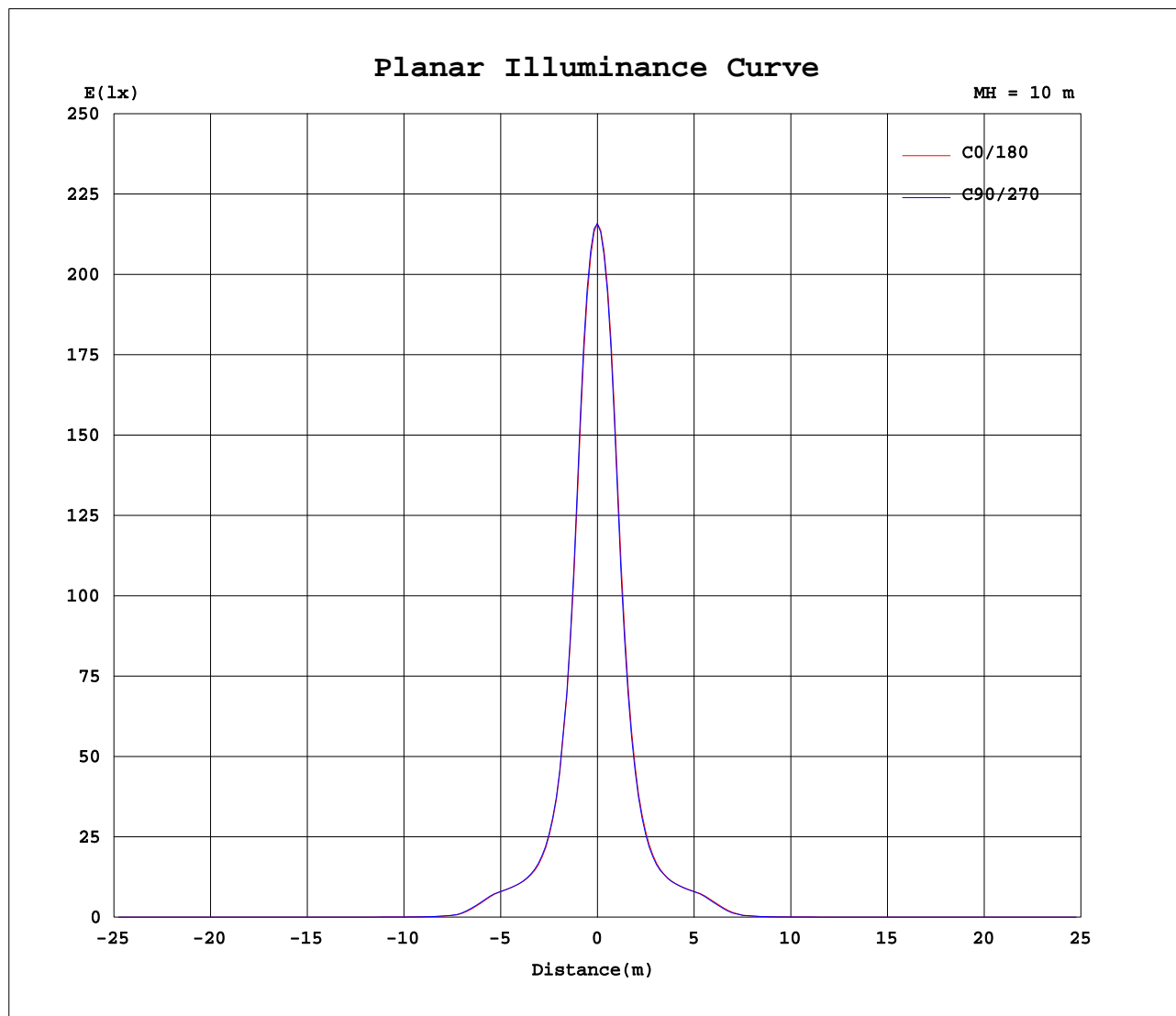
Test:U:226.5V I:0.1260A P:27.50W PF:0.9600 Lamp Flux:2761.97x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:226.5V I:0.1260A P:27.50W PF:0.9600 Lamp Flux:2761.97x1 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	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158	2158
5	1550	1573	1555	1586	1572	1601	1585	1612	1594	1619	1596	1616	1602	1569	1589	1552	1574	1539	1565
10	592	592	592	595	595	598	603	610	616	621	620	618	608	595	596	585	590	582	589
15	239	245	240	247	243	250	245	254	250	258	252	256	251	241	245	238	244	236	243
20	145	147	145	147	147	150	148	151	149	151	147	150	147	145	147	145	147	144	145
25	118	118	117	118	118	118	118	119	118	118	117	117	118	118	118	117	118	116	116
30	84.0	87.3	85.5	87.8	85.9	89.2	87.8	90.7	87.7	89.9	87.6	89.1	89.7	87.0	86.4	83.7	86.5	83.6	85.7
35	22.3	24.6	23.4	25.7	23.9	26.4	24.8	26.4	23.7	24.5	23.5	25.8	26.8	24.0	23.9	22.4	23.8	22.4	23.4
40	5.43	5.65	5.68	5.81	5.48	5.72	5.65	5.99	5.55	5.64	5.70	6.01	5.99	5.59	5.95	5.60	5.69	5.53	5.75
45	2.21	2.28	2.25	2.28	2.18	2.29	2.25	2.30	2.21	2.28	2.29	2.41	2.45	2.30	2.38	2.17	2.20	2.19	2.30
50	1.48	1.45	1.45	1.42	1.41	1.43	1.44	1.42	1.40	1.42	1.45	1.48	1.48	1.47	1.49	1.40	1.37	1.40	1.48
55	1.33	1.29	1.29	1.27	1.27	1.27	1.27	1.25	1.24	1.24	1.27	1.28	1.26	1.27	1.29	1.24	1.24	1.22	1.26
60	1.31	1.30	1.32	1.29	1.28	1.28	1.28	1.27	1.27	1.27	1.30	1.31	1.26	1.28	1.30	1.29	1.29	1.24	1.24
65	1.30	1.31	1.33	1.32	1.31	1.30	1.32	1.32	1.32	1.32	1.36	1.36	1.31	1.32	1.35	1.34	1.31	1.29	1.27
70	1.07	1.08	1.09	1.09	1.08	1.09	1.10	1.11	1.09	1.09	1.11	1.13	1.09	1.08	1.10	1.08	1.08	1.06	1.06
75	0.96	0.95	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94	0.95	0.95	0.94	0.95	0.95	0.94	0.93	0.93	0.93
80	0.88	0.88	0.88	0.87	0.87	0.88	0.88	0.87	0.87	0.86	0.87	0.87	0.86	0.87	0.87	0.86	0.85	0.85	0.85
85	0.76	0.77	0.77	0.76	0.76	0.76	0.76	0.76	0.75	0.75	0.75	0.75	0.78	0.81	0.78	0.77	0.77	0.77	0.77
90	0.57	0.58	0.59	0.56	0.56	0.57	0.56	0.56	0.56	0.56	0.55	0.56	0.67	0.72	0.68	0.67	0.66	0.67	0.66
95	0.46	0.48	0.48	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.68	0.72	0.69	0.67	0.67	0.67	0.67
100	0.40	0.41	0.41	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.68	0.71	0.69	0.68	0.68	0.68	0.68
105	0.47	0.47	0.47	0.46	0.47	0.46	0.47	0.46	0.47	0.46	0.46	0.46	0.71	0.71	0.71	0.71	0.71	0.71	0.71
110	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.57	0.58	0.57	0.57	0.57	0.74	0.75	0.75	0.75	0.75	0.75	0.74
115	0.66	0.66	0.67	0.66	0.66	0.66	0.66	0.66	0.66	0.65	0.66	0.66	0.80	0.80	0.80	0.80	0.80	0.80	0.80
120	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.73	0.74	0.73	0.73	0.73	0.88	0.88	0.88	0.88	0.88	0.88	0.88
125	0.89	0.88	0.89	0.88	0.89	0.88	0.88	0.87	0.88	0.87	0.88	0.87	1.01	1.02	1.01	1.02	1.02	1.02	1.02
130	1.18	1.17	1.18	1.17	1.18	1.16	1.17	1.16	1.17	1.16	1.17	1.15	1.27	1.28	1.27	1.28	1.27	1.28	1.27
135	1.58	1.56	1.57	1.56	1.58	1.56	1.56	1.55	1.56	1.55	1.56	1.55	1.61	1.63	1.62	1.63	1.62	1.63	1.62
140	1.89	1.88	1.89	1.88	1.89	1.88	1.88	1.87	1.88	1.88	1.87	1.87	1.91	1.93	1.92	1.92	1.91	1.92	1.92
145	2.08	2.07	2.07	2.09	2.14	2.07	2.07	2.06	2.11	2.12	2.07	2.06	2.10	2.17	2.14	2.11	2.10	2.11	2.15
150	2.19	2.18	2.19	2.20	2.21	2.18	2.18	2.18	2.20	2.21	2.18	2.18	2.22	2.26	2.24	2.23	2.22	2.23	2.23
155	2.26	2.26	2.27	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.29	2.29	2.29	2.29	2.29	2.29	2.29
160	2.33	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.34	2.34	2.34	2.34	2.34	2.34	2.34
165	2.38	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.38	2.38	2.38	2.38	2.38	2.38	2.38
170	2.36	2.36	2.36	2.37	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.38	2.38	2.38	2.38	2.38	2.38	2.38
175	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.26	2.26	2.26	2.26	2.26	2.26	2.26
180	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.15	2.15	2.15	2.15	2.16	2.16	2.16	2.16	2.15	2.16	2.16

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:226.5V I:0.1260A P:27.50W PF:0.9600 Lamp Flux:2761.97x1 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	2158	2158	2158	2158	2158														
5	1534	1563	1530	1559	1530														
10	585	594	588	593	584														
15	237	246	241	248	239														
20	143	146	144	147	145														
25	115	117	116	117	116														
30	82.6	85.0	83.0	85.2	83.4														
35	21.1	21.7	20.5	21.8	21.4														
40	5.50	5.68	5.58	5.65	5.45														
45	2.23	2.31	2.28	2.28	2.19														
50	1.46	1.47	1.48	1.51	1.48														
55	1.27	1.27	1.29	1.33	1.32														
60	1.26	1.27	1.31	1.31	1.30														
65	1.26	1.25	1.26	1.28	1.28														
70	1.06	1.06	1.06	1.06	1.06														
75	0.93	0.93	0.94	0.94	0.94														
80	0.85	0.86	0.86	0.86	0.87														
85	0.77	0.77	0.77	0.77	0.78														
90	0.66	0.66	0.67	0.66	0.66														
95	0.67	0.67	0.67	0.67	0.67														
100	0.68	0.68	0.69	0.68	0.68														
105	0.71	0.71	0.71	0.71	0.71														
110	0.75	0.75	0.75	0.74	0.75														
115	0.80	0.80	0.80	0.80	0.80														
120	0.88	0.88	0.88	0.88	0.88														
125	1.02	1.02	1.02	1.02	1.02														
130	1.29	1.28	1.28	1.27	1.28														
135	1.63	1.62	1.63	1.62	1.64														
140	1.93	1.92	1.92	1.92	1.94														
145	2.13	2.10	2.11	2.11	2.17														
150	2.23	2.22	2.23	2.22	2.24														
155	2.29	2.29	2.29	2.29	2.29														
160	2.34	2.33	2.34	2.33	2.34														
165	2.38	2.38	2.38	2.38	2.38														
170	2.38	2.37	2.37	2.37	2.37														
175	2.26	2.26	2.25	2.25	2.25														
180	2.16	2.15	2.15	2.15	2.15														

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: