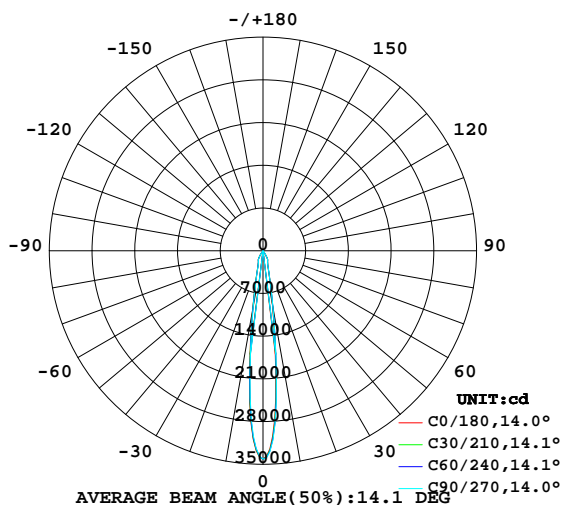


## LUMINAIRE PHOTOMETRIC TEST REPORT

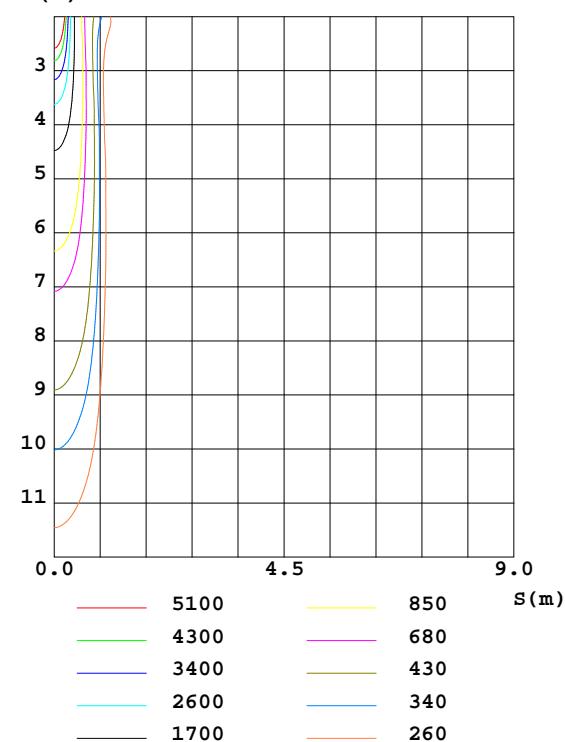
Test:U:226.6V I:0.1790A P:38.50W PF:0.9480 Lamp Flux:4330.55x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 112.48 lm/W			
MODEL	GL10-40W-840-W-15	Imax(cd)	34152	S/MH(C0/180)	0.24
NOMINAL POWER(W)	38	LOR(%)	100.0	S/MH(C90/270)	0.25
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	4330.6	η UP,DN(C0-180)	1.3,49.3
NOMINAL FLUX(lm)	4330.55	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.1
LAMPS INSIDE	1	η up(%)	2.7	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.6	η 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:2016-08-01

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.610m [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	899.8	968.7	944.2	977.8	979.2	930.8	928.8	868.9	0- 10	1796	1796	41.5,41.5
20	228.4	229.8	227.8	234.1	232.2	231.5	229.9	225.5	10- 20	1185	2981	68.8,68.8
30	134.3	137.3	134.9	141.6	141.9	133.0	135.5	131.8	20- 30	843.0	3824	88.3,88.3
40	7.955	8.818	8.587	8.886	8.469	7.946	8.146	7.440	30- 40	305.2	4129	95.3,95.3
50	1.795	1.990	1.754	1.645	1.784	1.932	1.657	1.625	40- 50	27.95	4157	96,96
60	1.727	1.815	1.695	1.713	1.617	1.761	1.617	1.616	50- 60	14.76	4172	96.3,96.3
70	1.475	1.556	1.489	1.505	1.435	1.485	1.431	1.415	60- 70	16.72	4189	96.7,96.7
80	1.241	1.299	1.254	1.263	1.248	1.316	1.235	1.215	70- 80	14.03	4203	97,97
90	0.8790	0.9793	0.9005	0.8938	1.050	1.176	1.055	1.051	80- 90	12.60	4215	97.3,97.3
100	0.6390	0.6635	0.6403	0.6330	1.077	1.106	1.077	1.082	90-100	9.920	4225	97.6,97.6
110	0.9273	0.9156	0.9189	0.9097	1.176	1.189	1.180	1.187	100-110	9.937	4235	97.8,97.8
120	1.184	1.171	1.174	1.166	1.378	1.391	1.385	1.396	110-120	11.49	4247	98.1,98.1
130	1.878	1.847	1.850	1.821	1.989	2.016	2.011	2.035	120-130	13.75	4260	98.4,98.4
140	2.975	2.958	2.958	2.941	3.004	3.015	3.013	3.048	130-140	19.16	4279	98.8,98.8
150	3.446	3.478	3.443	3.432	3.530	3.499	3.492	3.543	140-150	20.55	4300	99.3,99.3
160	3.666	3.655	3.656	3.650	3.679	3.682	3.678	3.682	150-160	16.54	4317	99.7,99.7
170	3.721	3.725	3.727	3.730	3.755	3.746	3.743	3.742	160-170	10.56	4327	99.9,99.9
180	3.406	3.408	3.399	3.389	3.405	3.408	3.399	3.390	170-180	3.451	4331	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

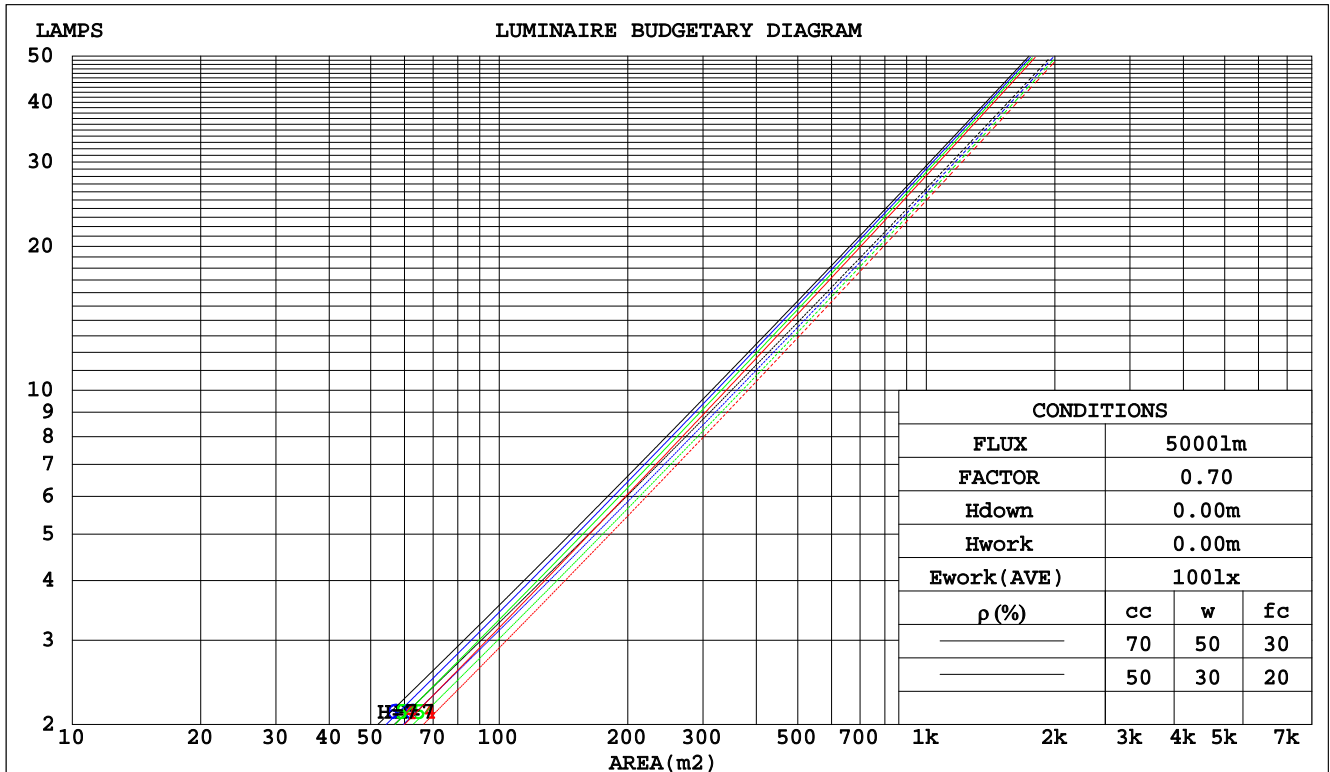
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-01

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.610m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.6V I:0.1790A P:38.50W PF:0.9480 Lamp Flux:4330.55x1 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	.85	.84
5.0	.93	.89	.86	.92	.88	.85	.91	.87	.85	.89	.86	.84	.87	.85	.83	.81
6.0	.90	.86	.83	.89	.85	.82	.88	.84	.82	.86	.83	.81	.85	.82	.80	.79
7.0	.87	.83	.80	.86	.82	.79	.85	.81	.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	.77	.75	.80	.77	.74	.79	.76	.74	.79	.76	.74	.73
10.0	.80	.76	.73	.79	.75	.73	.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: 2016-08-01

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.610m [K=1.0000]  
Remarks:

**WEC AND CCEC**

Test:U:226.6V I:0.1790A P:38.50W PF:0.9480 Lamp Flux:4330.55x1 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	.138	.079	.025	.124	.071	.023	.112	.064	.021	.100	.058	.019	
2.0	.134	.074	.023	.128	.071	.022	.116	.065	.020	.106	.059	.019	.096	.054	.017	
3.0	.125	.066	.020	.119	.064	.019	.110	.059	.018	.100	.055	.017	.092	.051	.016	
4.0	.116	.061	.018	.112	.059	.017	.104	.055	.016	.096	.051	.015	.088	.048	.015	
5.0	.109	.056	.016	.106	.054	.016	.098	.051	.015	.091	.048	.014	.085	.045	.014	
6.0	.103	.052	.015	.100	.050	.015	.093	.048	.014	.087	.045	.013	.082	.043	.013	
7.0	.098	.048	.014	.095	.047	.013	.089	.045	.013	.084	.043	.012	.079	.041	.012	
8.0	.093	.045	.013	.090	.044	.013	.085	.043	.012	.080	.041	.012	.076	.039	.011	
9.0	.088	.043	.012	.086	.042	.012	.082	.040	.011	.077	.039	.011	.073	.037	.011	
10.0	.084	.040	.011	.082	.040	.011	.078	.038	.011	.074	.037	.011	.071	.036	.010	

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			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	.093	.080	.070	.053	.047	.041	.017	.015	.014	
4.0	.145	.119	.099	.124	.103	.086	.086	.072	.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	.035	.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	.067	.050	.038	.039	.029	.023	.013	.010	.008	
9.0	.106	.076	.056	.091	.066	.049	.063	.047	.035	.037	.028	.021	.012	.009	.007	
10.0	.101	.072	.052	.087	.062	.045	.060	.044	.032	.035	.026	.019	.011	.009	.006	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-01

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.610m [K=1.0000]  
Remarks:

### Uncorrected UGR Table

Test:U:226.6V I:0.1790A P:38.50W PF:0.9480 Lamp Flux:4330.55x1 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	15.1	15.8	15.4	16.0	16.2	15.4	16.1	15.7	16.3	16.5	
	3H	15.2	15.9	15.5	16.1	16.3	15.5	16.2	15.8	16.4	16.6
	4H	15.4	16.0	15.7	16.2	16.5	15.7	16.3	16.0	16.5	16.8
	6H	15.7	16.2	16.0	16.5	16.8	15.9	16.5	16.2	16.8	17.0
	8H	15.9	16.4	16.2	16.7	17.0	16.1	16.7	16.5	17.0	17.3
	12H	16.2	16.7	16.6	17.1	17.4	16.5	17.0	16.8	17.3	17.6
4H	2H	15.0	15.6	15.3	15.8	16.1	15.3	15.9	15.6	16.1	16.4
	3H	15.2	15.7	15.6	16.0	16.4	15.5	16.0	15.9	16.3	16.6
	4H	15.5	15.9	15.9	16.3	16.6	15.7	16.2	16.1	16.5	16.9
	6H	16.0	16.4	16.4	16.8	17.2	16.2	16.6	16.6	17.0	17.4
	8H	16.3	16.7	16.8	17.1	17.6	16.6	16.9	17.0	17.3	17.8
	12H	16.9	17.2	17.3	17.7	18.1	17.1	17.4	17.5	17.9	18.3
8H	4H	15.5	15.9	16.0	16.3	16.7	15.8	16.2	16.2	16.6	17.0
	6H	16.3	16.6	16.7	17.0	17.5	16.5	16.8	16.9	17.2	17.7
	8H	16.8	17.1	17.3	17.6	18.1	17.0	17.3	17.5	17.8	18.2
	12H	17.6	17.9	18.1	18.4	18.9	17.8	18.0	18.3	18.5	19.0
12H	4H	15.6	15.9	16.0	16.3	16.8	15.8	16.2	16.2	16.6	17.0
	6H	16.4	16.7	16.9	17.1	17.6	16.5	16.8	17.0	17.3	17.8
	8H	17.0	17.3	17.6	17.8	18.3	17.2	17.4	17.7	17.9	18.5
Variations with the observer position at spacings:											
S = 1.0H	+ 0.6 / - 0.5					+ 0.7 / - 0.5					
1.5H	+ 1.5 / - 0.4					+ 1.7 / - 0.4					
2.0H	+ 0.3 / - 0.3					+ 0.4 / - 0.3					

CIE Pub.117 Corrected 4331 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.1)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-01

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.610m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:226.6V I:0.1790A P:38.50W PF:0.9480 Lamp Flux:4330.55x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

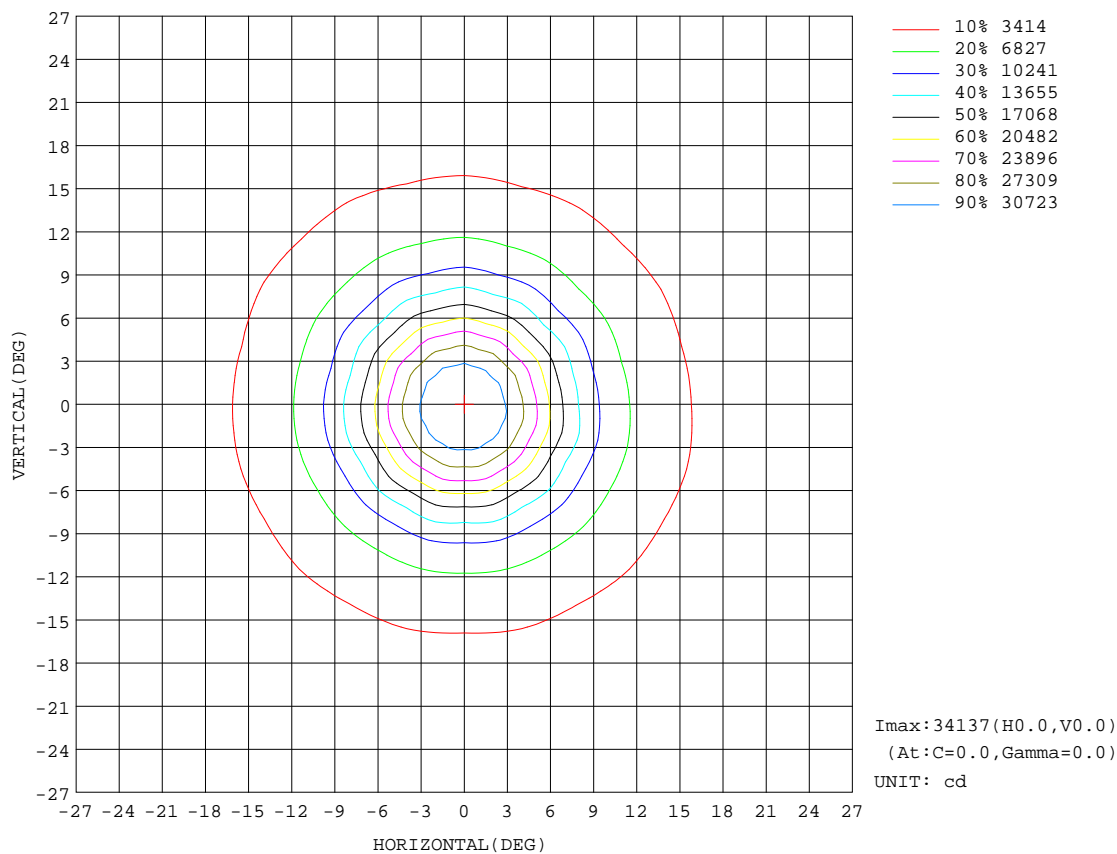
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	83	79	87	82	79	76
0.80	96	90	87	95	90	87	94	89	86	82
1.00	100	94	91	99	94	90	97	93	90	86
1.25	103	98	95	102	98	94	100	96	93	89
1.50	106	101	98	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	93
3.00	111	108	105	109	106	104	106	103	101	94
4.00	113	111	108	111	109	107	107	105	104	96
5.00	115	112	111	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:2016-08-01

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.610m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

Test:U:226.6V I:0.1790A P:38.50W PF:0.9480 Lamp Flux:4330.55x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



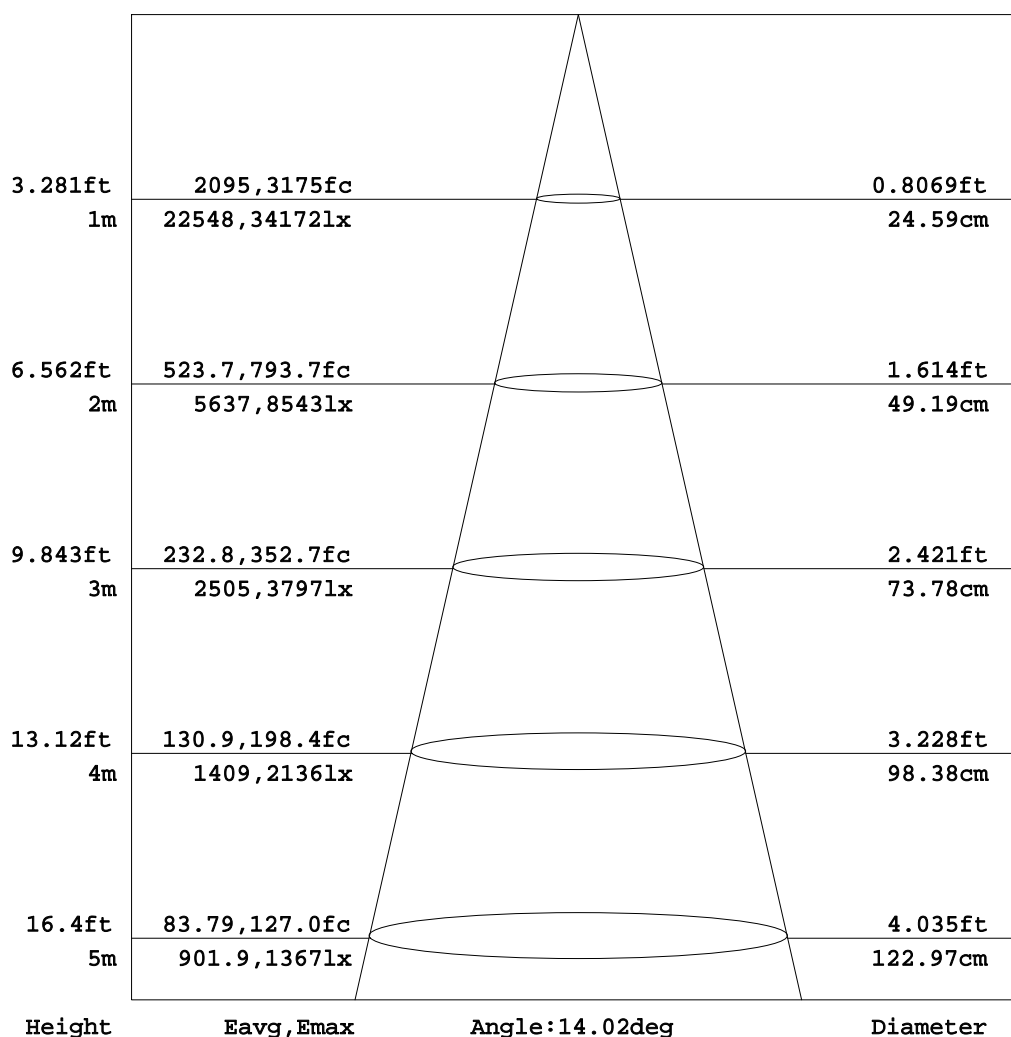
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-08-01

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.610m [K=1.0000]  
Remarks:

### AAI Figure

Test:U:226.6V I:0.1790A P:38.50W PF:0.9480 Lamp Flux:4330.55x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:1399 lm



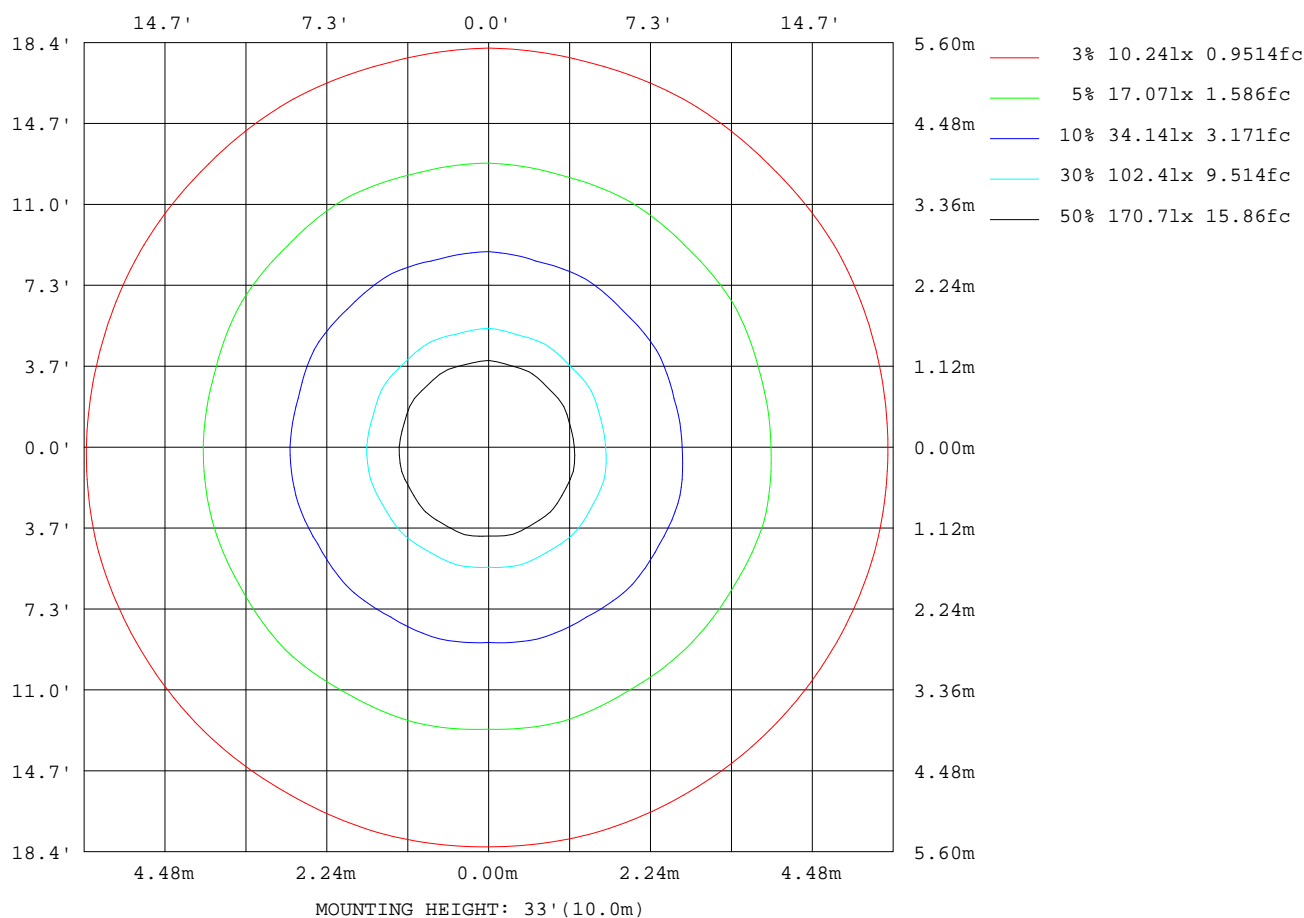
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-01

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.610m [K=1.0000]  
Remarks:

### ISOLUX DIAGRAM

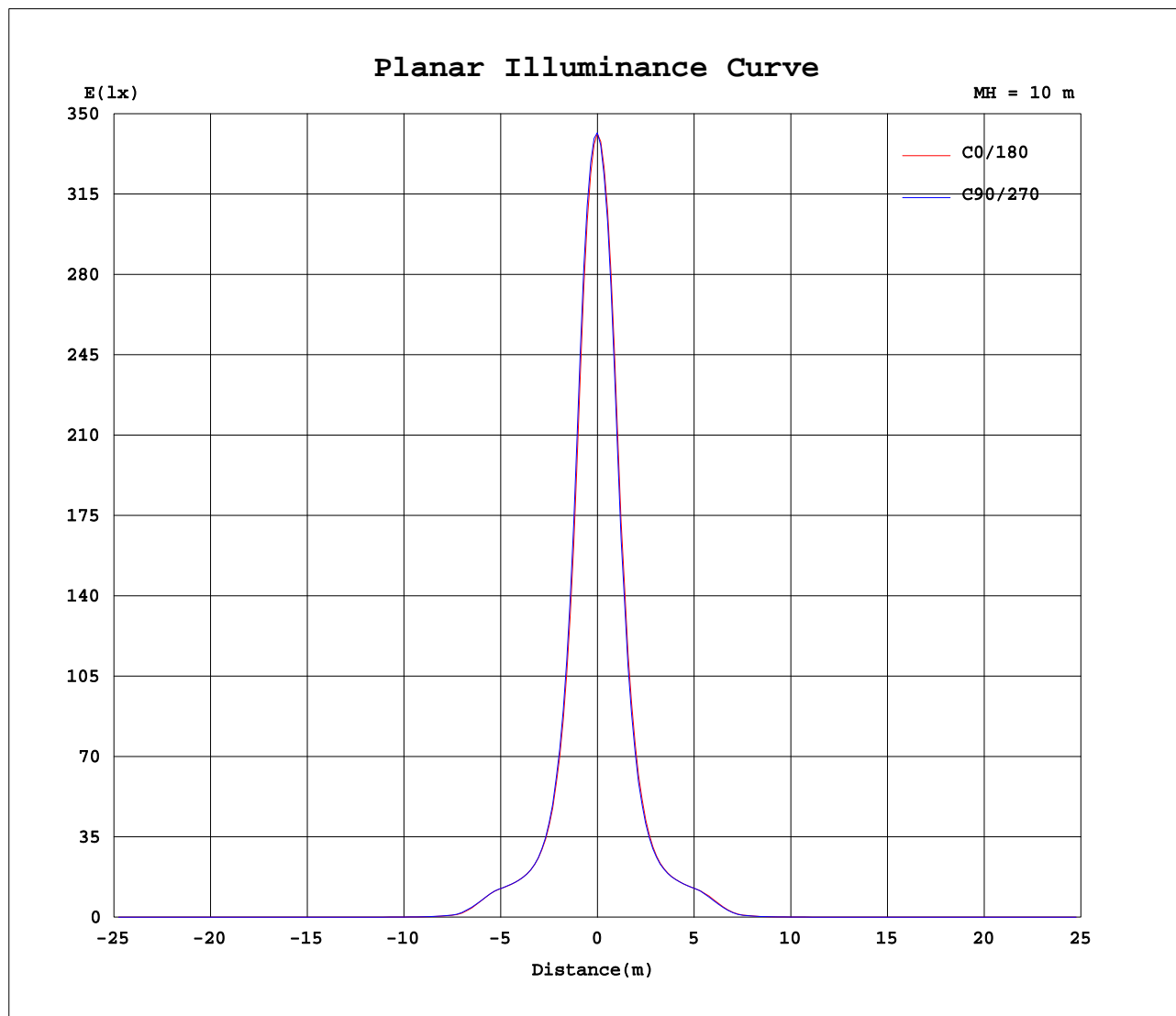
Test:U:226.6V I:0.1790A P:38.50W PF:0.9480 Lamp Flux:4330.55x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-08-01

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.610m [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: 2016-08-01

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.610m [K=1.0000]  
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.6V I:0.1790A P:38.50W PF:0.9480 Lamp Flux:4330.55x1 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	3415	3415	3415	3415	3415	3415	3415	3415	3415	3415	3415	3415	3415	3415	3415	3415	3415	3415	3415
5	2407	2472	2446	2511	2485	2549	2508	2559	2505	2541	2487	2528	2503	2441	2491	2419	2457	2385	2421
10	900	944	931	969	944	975	944	975	946	978	951	983	979	940	975	931	956	906	929
15	378	395	390	401	388	398	386	397	388	400	389	401	401	390	407	394	401	380	387
20	228	233	229	230	227	231	228	231	230	234	231	233	232	230	235	232	235	228	230
25	183	184	181	181	181	184	183	185	184	186	185	185	185	184	185	183	185	183	184
30	134	138	134	137	134	139	135	139	135	142	139	144	142	136	138	133	136	131	136
35	32.9	36.5	33.6	37.6	37.0	41.2	38.3	40.1	37.1	40.6	37.9	41.4	38.8	34.9	36.3	33.4	36.3	33.8	36.5
40	7.95	8.65	8.21	8.82	8.93	9.34	8.59	8.78	8.42	8.89	8.46	8.83	8.47	8.07	8.38	7.95	8.23	7.86	8.15
45	2.87	3.14	3.15	3.38	3.25	3.28	3.01	3.03	2.89	3.04	2.99	3.08	2.95	2.95	3.20	3.08	3.02	2.79	2.81
50	1.79	1.87	1.93	1.99	1.90	1.82	1.75	1.68	1.63	1.65	1.71	1.76	1.78	1.82	1.92	1.93	1.90	1.77	1.66
55	1.65	1.69	1.75	1.76	1.69	1.63	1.60	1.53	1.51	1.53	1.59	1.56	1.57	1.63	1.68	1.72	1.70	1.64	1.54
60	1.73	1.78	1.83	1.81	1.76	1.72	1.70	1.65	1.65	1.71	1.71	1.63	1.62	1.69	1.73	1.76	1.70	1.65	1.62
65	1.78	1.83	1.84	1.86	1.85	1.82	1.79	1.76	1.77	1.81	1.80	1.76	1.70	1.70	1.72	1.72	1.69	1.68	1.68
70	1.47	1.52	1.53	1.56	1.54	1.54	1.49	1.48	1.47	1.50	1.50	1.48	1.43	1.44	1.47	1.48	1.45	1.43	1.43
75	1.31	1.33	1.36	1.37	1.34	1.32	1.31	1.29	1.30	1.32	1.33	1.32	1.29	1.31	1.34	1.36	1.33	1.31	1.29
80	1.24	1.26	1.29	1.30	1.27	1.26	1.25	1.24	1.25	1.26	1.27	1.27	1.25	1.26	1.29	1.32	1.28	1.25	1.24
85	1.13	1.14	1.17	1.22	1.18	1.16	1.15	1.15	1.15	1.17	1.18	1.17	1.19	1.20	1.23	1.30	1.21	1.18	1.17
90	0.88	0.88	0.91	0.98	0.92	0.90	0.90	0.90	0.89	0.89	0.89	0.89	1.05	1.05	1.08	1.18	1.08	1.05	1.06
95	0.71	0.71	0.74	0.80	0.75	0.72	0.72	0.72	0.72	0.72	0.72	0.72	1.06	1.06	1.10	1.14	1.08	1.07	1.07
100	0.64	0.64	0.65	0.66	0.66	0.64	0.64	0.64	0.64	0.63	0.64	0.63	1.08	1.08	1.09	1.11	1.09	1.08	1.08
105	0.75	0.74	0.75	0.75	0.75	0.74	0.74	0.74	0.74	0.73	0.74	0.73	1.12	1.12	1.12	1.13	1.12	1.13	1.12
110	0.93	0.92	0.92	0.92	0.92	0.91	0.92	0.91	0.92	0.91	0.92	0.90	1.18	1.18	1.18	1.19	1.18	1.19	1.18
115	1.06	1.05	1.05	1.05	1.05	1.05	1.05	1.04	1.05	1.04	1.05	1.04	1.26	1.27	1.26	1.27	1.26	1.27	1.26
120	1.18	1.17	1.18	1.17	1.18	1.17	1.17	1.17	1.17	1.17	1.17	1.16	1.38	1.39	1.38	1.39	1.38	1.39	1.38
125	1.42	1.40	1.41	1.40	1.41	1.39	1.40	1.38	1.40	1.38	1.39	1.38	1.59	1.61	1.60	1.61	1.60	1.62	1.61
130	1.88	1.85	1.87	1.85	1.86	1.83	1.85	1.83	1.84	1.82	1.84	1.82	1.99	2.01	1.99	2.02	2.00	2.03	2.01
135	2.49	2.46	2.49	2.46	2.47	2.44	2.46	2.45	2.46	2.43	2.45	2.43	2.53	2.55	2.53	2.55	2.55	2.58	2.55
140	2.97	2.96	2.98	2.96	2.96	2.95	2.96	2.95	2.96	2.94	2.95	2.94	3.00	3.01	3.00	3.02	3.01	3.03	3.01
145	3.26	3.26	3.35	3.31	3.26	3.25	3.26	3.32	3.27	3.24	3.25	3.26	3.38	3.32	3.30	3.31	3.35	3.41	3.31
150	3.45	3.44	3.50	3.48	3.44	3.43	3.44	3.46	3.44	3.43	3.44	3.44	3.53	3.50	3.49	3.50	3.50	3.51	3.49
155	3.57	3.56	3.58	3.57	3.56	3.56	3.56	3.56	3.56	3.55	3.56	3.55	3.60	3.61	3.60	3.61	3.60	3.61	3.60
160	3.67	3.66	3.66	3.66	3.66	3.66	3.66	3.65	3.66	3.65	3.65	3.65	3.68	3.68	3.68	3.68	3.68	3.69	3.68
165	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.73	3.74	3.74	3.75	3.75	3.75	3.75	3.75	3.75	3.75
170	3.72	3.72	3.72	3.73	3.72	3.73	3.73	3.73	3.73	3.73	3.72	3.73	3.75	3.75	3.75	3.75	3.74	3.74	3.74
175	3.51	3.51	3.51	3.52	3.52	3.53	3.52	3.53	3.52	3.52	3.51	3.52	3.58	3.58	3.58	3.57	3.57	3.56	3.56
180	3.41	3.41	3.41	3.41	3.40	3.41	3.40	3.40	3.39	3.39	3.38	3.39	3.41	3.41	3.41	3.41	3.40	3.41	3.40

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-01

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.610m [K=1.0000]  
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.6V I:0.1790A P:38.50W PF:0.9480 Lamp Flux:4330.55x1 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	3415	3415	3415	3415	3415														
5	2352	2398	2341	2402	2359														
10	882	909	869	902	873														
15	370	380	367	379	369														
20	225	229	225	229	226														
25	183	184	183	184	183														
30	132	136	132	138	135														
35	33.3	35.4	31.4	34.9	32.5														
40	7.84	8.11	7.44	7.65	7.42														
45	2.67	2.76	2.61	2.77	2.68														
50	1.61	1.60	1.62	1.67	1.68														
55	1.47	1.46	1.51	1.54	1.56														
60	1.59	1.58	1.62	1.63	1.64														
65	1.68	1.67	1.69	1.71	1.71														
70	1.41	1.41	1.41	1.44	1.43														
75	1.27	1.26	1.28	1.29	1.28														
80	1.22	1.21	1.22	1.22	1.22														
85	1.16	1.15	1.16	1.17	1.17														
90	1.05	1.05	1.05	1.05	1.06														
95	1.06	1.06	1.06	1.06	1.07														
100	1.08	1.08	1.08	1.08	1.09														
105	1.12	1.12	1.13	1.12	1.13														
110	1.19	1.18	1.19	1.18	1.19														
115	1.27	1.27	1.27	1.26	1.27														
120	1.40	1.39	1.40	1.39	1.40														
125	1.62	1.61	1.62	1.61	1.62														
130	2.03	2.01	2.04	2.02	2.03														
135	2.57	2.56	2.59	2.57	2.57														
140	3.03	3.02	3.05	3.03	3.03														
145	3.32	3.31	3.41	3.40	3.32														
150	3.50	3.50	3.54	3.54	3.50														
155	3.61	3.60	3.61	3.60	3.61														
160	3.68	3.68	3.68	3.68	3.68														
165	3.75	3.75	3.75	3.74	3.75														
170	3.75	3.74	3.74	3.74	3.74														
175	3.55	3.55	3.55	3.55	3.55														
180	3.40	3.39	3.39	3.38	3.39														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-01

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
γ Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.610m [K=1.0000]  
Remarks: