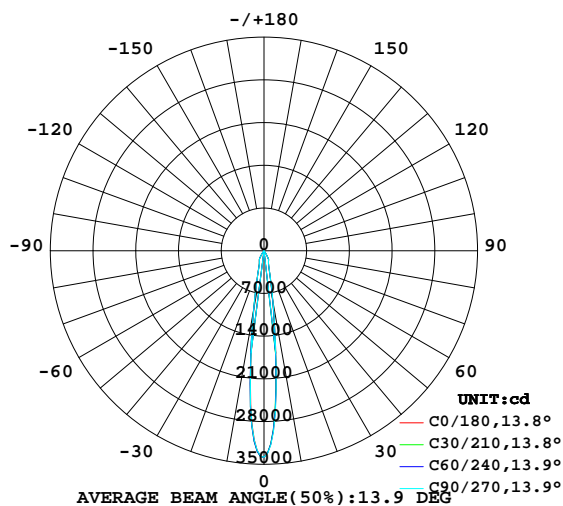


## LUMINAIRE PHOTOMETRIC TEST REPORT

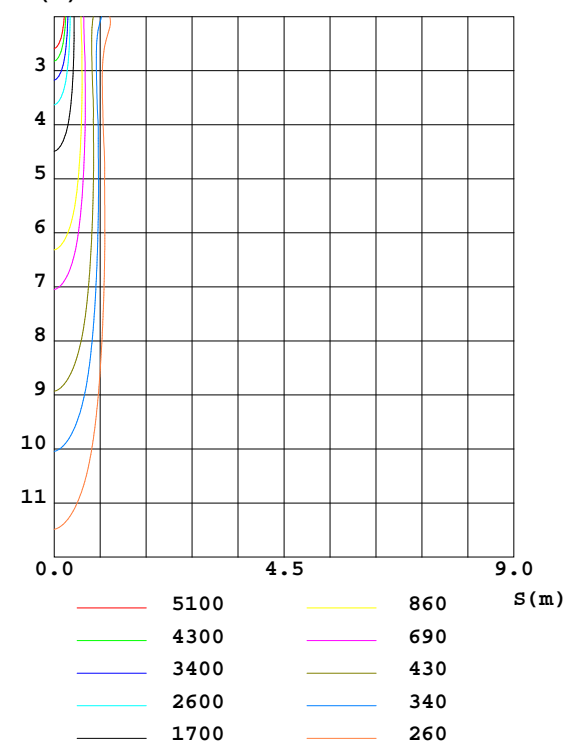
Test:U:226.6V I:0.1800A P:38.70W PF:0.9490 Lamp Flux:4213.72x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 108.88 lm/W			
MODEL	DL18-40W-830-W-15	Imax(cd)	33825	S/MH(C0/180)	0.23
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	0.23
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	4213.7	$\eta$ UP,DN(C0-180)	1.3,47.6
NOMINAL FLUX(lm)	4213.72	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.4,49.8
LAMPS INSIDE	1	$\eta$ up(%)	2.7	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.6	$\eta$ 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:2016-07-28

$\gamma$  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:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	848.5	841.6	851.0	935.7	963.5	950.3	980.2	897.4	0- 10	1758	1758	41.7,41.7
20	219.3	219.5	222.0	223.5	228.3	227.3	228.9	224.0	10- 20	1147	2905	69,69
30	125.6	127.3	125.6	135.3	139.4	138.0	138.5	129.1	20- 30	824.0	3729	88.5,88.5
40	7.155	6.903	7.793	8.336	8.362	8.272	8.336	7.517	30- 40	290.8	4020	95.4,95.4
50	1.582	1.594	1.687	1.814	1.592	1.511	1.705	1.791	40- 50	26.10	4046	96,96
60	1.587	1.616	1.670	1.688	1.534	1.605	1.561	1.637	50- 60	13.91	4060	96.4,96.4
70	1.367	1.370	1.397	1.451	1.376	1.386	1.367	1.382	60- 70	15.81	4076	96.7,96.7
80	1.199	1.175	1.190	1.210	1.179	1.189	1.189	1.227	70- 80	13.29	4089	97,97
90	0.9586	0.8524	0.8504	0.8593	1.180	1.020	1.019	1.034	80- 90	12.13	4101	97.3,97.3
100	0.6498	0.6151	0.6169	0.6141	1.073	1.047	1.046	1.054	90-100	9.598	4111	97.6,97.6
110	0.9045	0.8990	0.9038	0.8868	1.149	1.147	1.140	1.150	100-110	9.670	4121	97.8,97.8
120	1.146	1.144	1.150	1.134	1.338	1.340	1.332	1.349	110-120	11.16	4132	98.1,98.1
130	1.837	1.836	1.839	1.791	1.926	1.919	1.918	1.959	120-130	13.35	4145	98.4,98.4
140	2.911	2.925	2.908	2.879	2.926	2.914	2.913	2.939	130-140	18.68	4164	98.8,98.8
150	3.360	3.420	3.356	3.352	3.436	3.396	3.421	3.408	140-150	20.03	4184	99.3,99.3
160	3.564	3.567	3.568	3.562	3.586	3.575	3.580	3.587	150-160	16.12	4200	99.7,99.7
170	3.610	3.617	3.614	3.629	3.657	3.653	3.655	3.644	160-170	10.28	4210	99.9,99.9
180	3.280	3.303	3.316	3.326	3.292	3.297	3.320	3.324	170-180	3.357	4214	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

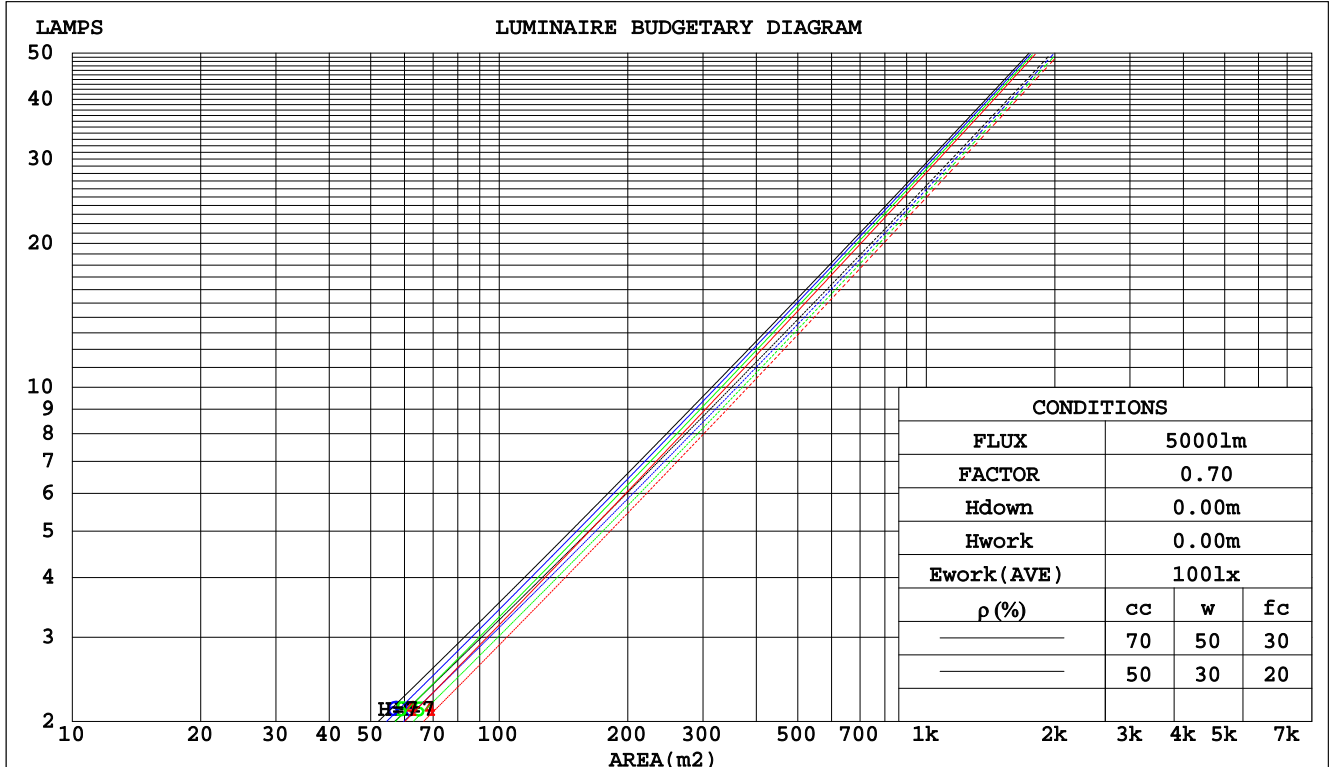
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-07-28

$\gamma$  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:0.1800A P:38.70W PF:0.9490 Lamp Flux:4213.72x1 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	1.02	.99	1.01	.99	.97	.98	.96	.94	.94	.93	.92	.90
3.0	1.01	.98	.95	.00	.96	.94	.97	.94	.92	.94	.92	.90	.92	.90	.89	.87
4.0	.97	.93	.90	.96	.92	.89	.94	.91	.88	.92	.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	.85	.80	.77	.84	.80	.77	.83	.79	.77	.82	.79	.76	.81	.78	.76	.75
9.0	.82	.78	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.79	.76	.74	.73
10.0	.80	.76	.73	.79	.75	.73	.78	.75	.73	.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:2016-07-28

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:0.1800A P:38.70W PF:0.9490 Lamp Flux:4213.72x1 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	.145	.083	.026	.138	.079	.025	.124	.071	.023	.111	.064	.021	.099	.058	.019		
2.0	.134	.073	.023	.128	.070	.022	.116	.065	.020	.105	.059	.018	.095	.054	.017		
3.0	.124	.066	.020	.119	.064	.019	.109	.059	.018	.100	.055	.017	.092	.051	.016		
4.0	.116	.060	.018	.112	.058	.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	.099	.050	.014	.093	.048	.014	.087	.045	.013	.081	.043	.013		
7.0	.097	.048	.014	.094	.047	.013	.089	.045	.013	.083	.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	.061	.049	.042	.036	.016	.014	.012		
5.0	.134	.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	.066	.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	.008	.006		

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-07-28

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:0.1800A P:38.70W PF:0.9490 Lamp Flux:4213.72x1 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	14.5	15.2	14.8	15.4	15.6	14.5	15.2	14.8	15.4	15.6	
	3H	14.7	15.3	14.9	15.5	15.7	14.7	15.3	15.0	15.5	15.8
	4H	14.8	15.4	15.1	15.7	15.9	14.8	15.4	15.1	15.7	15.9
	6H	15.1	15.7	15.5	16.0	16.3	15.1	15.7	15.5	16.0	16.3
	8H	15.4	15.9	15.7	16.2	16.5	15.4	15.9	15.7	16.2	16.5
	12H	16.0	16.5	16.4	16.8	17.2	15.8	16.3	16.1	16.6	16.9
4H	2H	14.4	15.0	14.7	15.2	15.5	14.4	15.0	14.7	15.2	15.5
	3H	14.6	15.2	15.0	15.5	15.8	14.7	15.2	15.0	15.5	15.8
	4H	14.9	15.4	15.3	15.7	16.1	14.9	15.4	15.3	15.7	16.1
	6H	15.5	15.9	15.9	16.3	16.7	15.4	15.9	15.9	16.2	16.6
	8H	15.9	16.3	16.3	16.7	17.1	15.9	16.2	16.3	16.6	17.1
	12H	16.7	17.1	17.2	17.5	18.0	16.4	16.8	16.9	17.2	17.6
8H	4H	15.0	15.4	15.4	15.8	16.2	15.0	15.4	15.4	15.8	16.2
	6H	15.8	16.1	16.2	16.5	17.0	15.7	16.1	16.2	16.5	17.0
	8H	16.4	16.7	16.9	17.1	17.6	16.3	16.6	16.8	17.1	17.6
	12H	17.4	17.7	18.0	18.2	18.7	17.1	17.4	17.7	17.9	18.4
12H	4H	15.0	15.4	15.5	15.8	16.2	15.0	15.4	15.5	15.8	16.2
	6H	15.9	16.2	16.4	16.6	17.1	15.9	16.1	16.3	16.6	17.1
	8H	16.6	16.8	17.1	17.3	17.8	16.5	16.8	17.1	17.3	17.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.7 / - 0.5					+ 0.7 / - 0.4					
1.5H	+ 1.6 / - 0.4					+ 1.6 / - 0.3					
2.0H	+ 0.4 / - 0.3					+ 0.3 / - 0.3					

CIE Pub.117 Corrected 4214 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.0)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-07-28

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:0.1800A P:38.70W PF:0.9490 Lamp Flux:4213.72x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

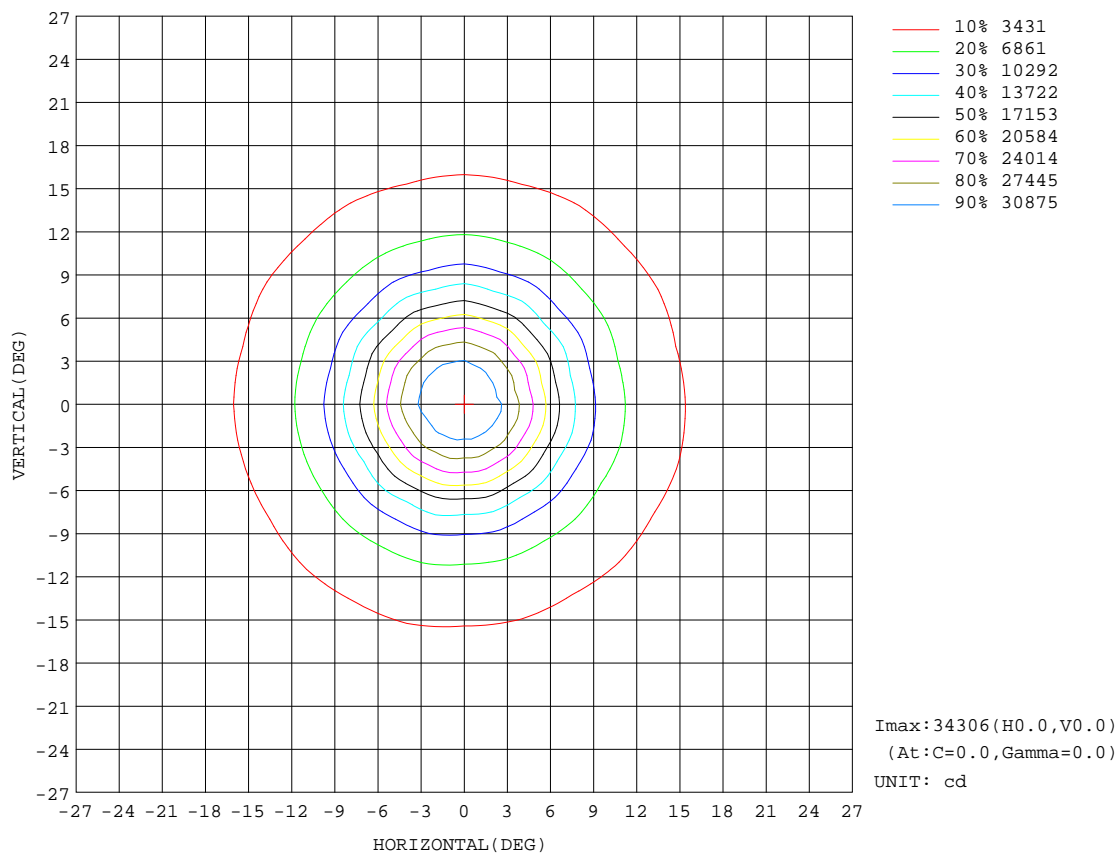
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	83	79	87	82	79	76
0.80	96	90	87	95	90	87	94	89	86	83
1.00	100	94	91	99	94	91	97	93	90	86
1.25	103	98	95	102	98	95	100	96	94	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:2016-07-28

$\gamma$  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:0.1800A P:38.70W PF:0.9490 Lamp Flux:4213.72x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



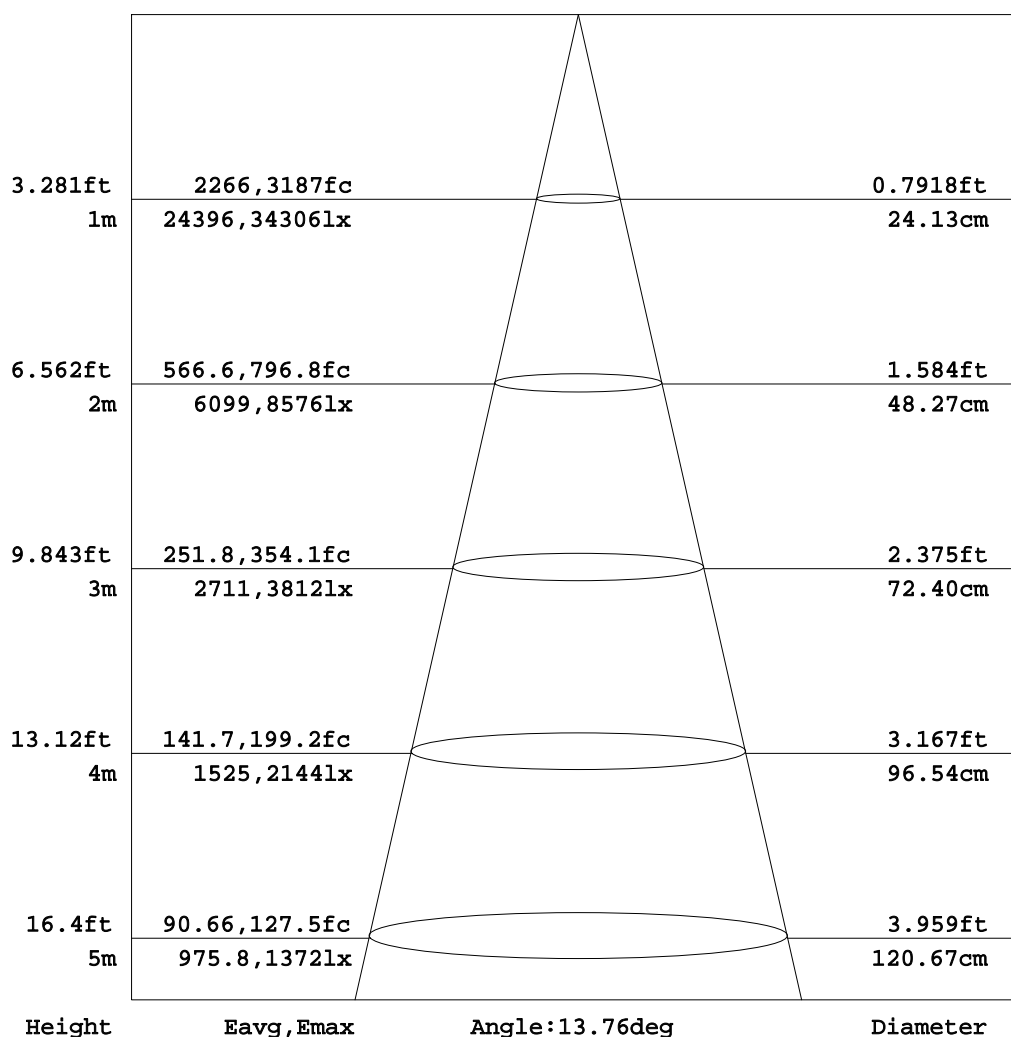
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-07-28

$\gamma$  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:

### AAI Figure

Test:U:226.6V I:0.1800A P:38.70W PF:0.9490 Lamp Flux:4213.72x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:1155 lm



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

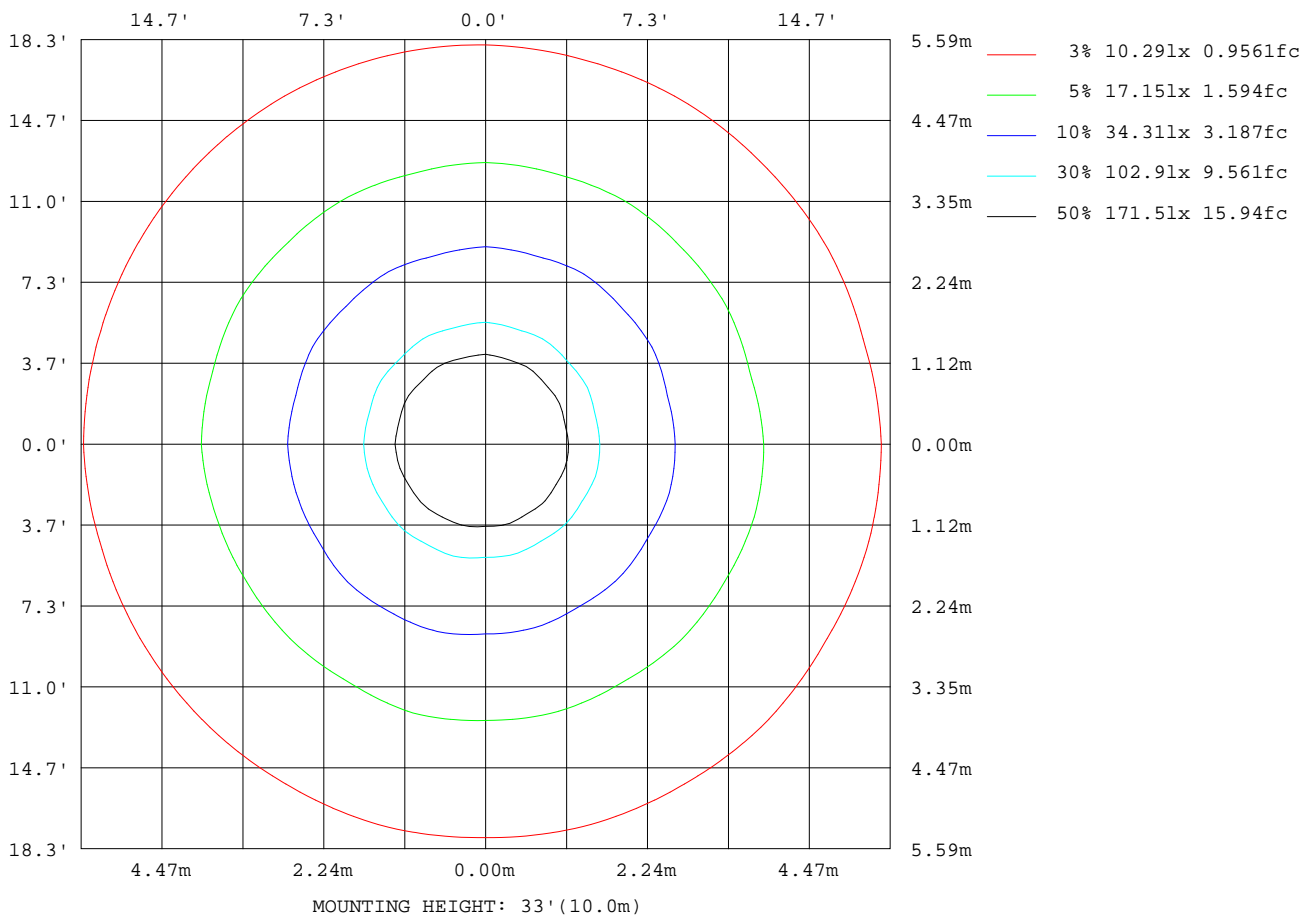
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-07-28

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

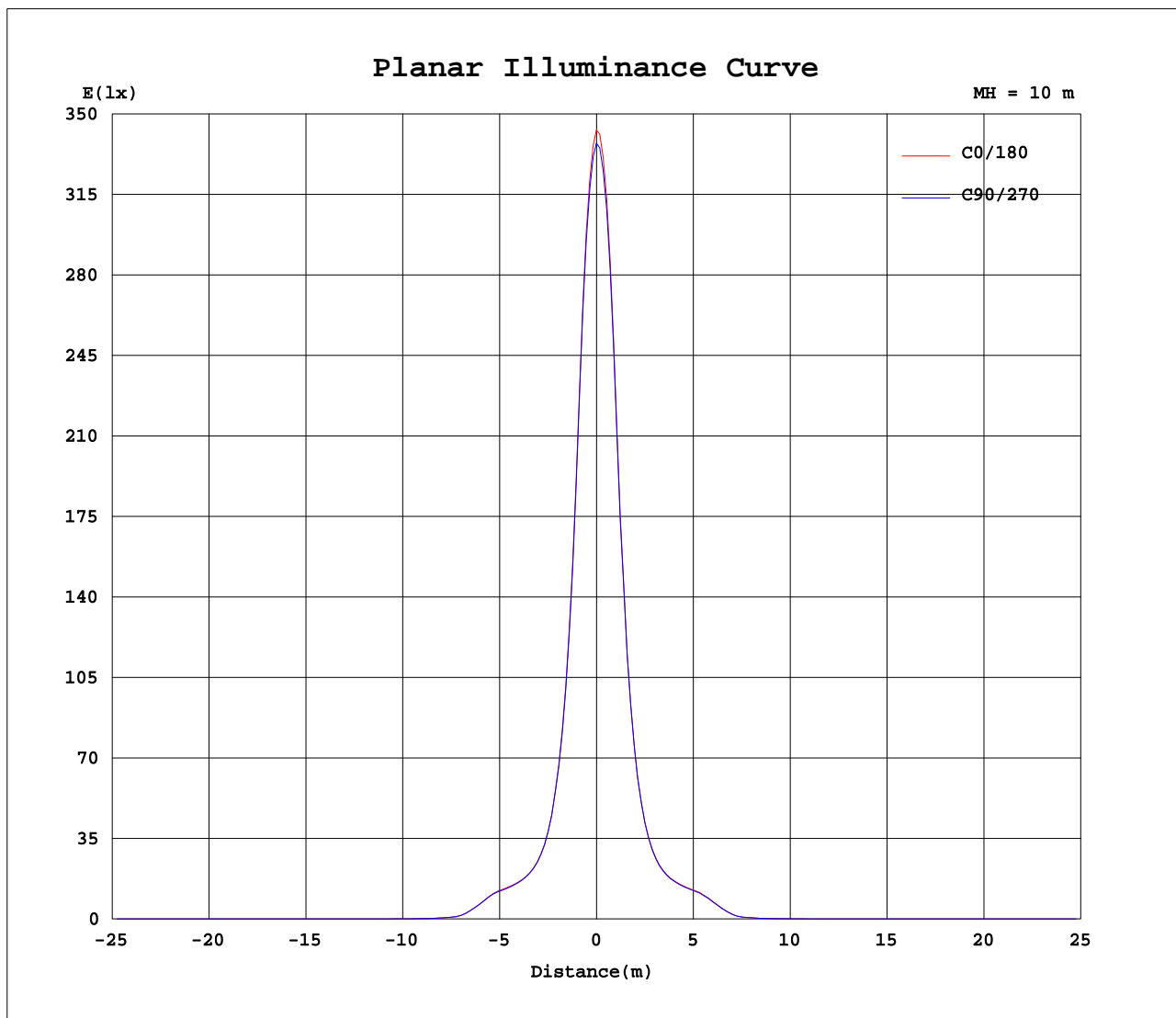
Test:U:226.6V I:0.1800A P:38.70W PF:0.9490 Lamp Flux:4213.72x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-07-28

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: 2016-07-28

$\gamma$  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:0.1800A P:38.70W PF:0.9490 Lamp Flux:4213.72x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										SUR.:					PROTECTION ANGLE:				

Table--1

UNIT: x10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	3383	3383	3383	3383	3383	3383	3383	3383	3383	3383	3383	3383	3383	3383	3383	3383	3383	3383	3383
5	2290	2303	2255	2292	2265	2322	2309	2375	2376	2449	2445	2518	2522	2498	2561	2520	2566	2506	2535
10	849	856	823	842	819	852	851	897	895	936	925	959	963	936	983	950	990	948	980
15	354	359	348	356	350	363	362	380	377	388	378	389	392	383	398	386	397	383	396
20	219	220	218	219	218	222	222	226	222	224	223	227	228	226	231	227	230	225	229
25	179	179	179	180	179	179	178	180	176	177	178	181	182	181	183	182	183	181	182
30	126	128	123	127	126	129	126	132	129	135	134	139	139	136	140	138	142	138	138
35	27.7	29.6	27.6	30.2	29.3	31.1	28.9	32.3	30.8	35.6	35.5	38.8	38.3	36.5	40.8	39.6	42.7	38.7	38.2
40	7.16	7.32	7.38	6.90	7.07	7.20	7.79	7.72	7.59	8.34	8.41	8.70	8.36	8.04	8.53	8.27	8.61	8.12	8.34
45	2.48	2.49	2.37	2.40	2.39	2.56	2.60	2.87	2.90	3.03	2.94	3.01	2.87	2.69	2.83	2.76	2.95	2.83	2.97
50	1.58	1.56	1.56	1.59	1.61	1.64	1.69	1.78	1.83	1.81	1.74	1.66	1.59	1.49	1.50	1.51	1.57	1.65	1.70
55	1.48	1.45	1.48	1.51	1.54	1.53	1.57	1.63	1.65	1.62	1.56	1.50	1.43	1.36	1.36	1.42	1.38	1.44	1.50
60	1.59	1.59	1.60	1.62	1.64	1.62	1.67	1.72	1.73	1.69	1.66	1.61	1.53	1.51	1.51	1.60	1.48	1.49	1.56
65	1.64	1.65	1.65	1.67	1.68	1.66	1.71	1.74	1.73	1.75	1.75	1.71	1.64	1.63	1.64	1.68	1.63	1.61	1.62
70	1.37	1.36	1.35	1.37	1.37	1.37	1.40	1.44	1.44	1.45	1.44	1.43	1.38	1.36	1.38	1.39	1.38	1.35	1.37
75	1.25	1.23	1.23	1.24	1.24	1.23	1.25	1.28	1.29	1.27	1.26	1.25	1.22	1.21	1.22	1.23	1.23	1.23	1.23
80	1.20	1.18	1.17	1.18	1.18	1.17	1.19	1.21	1.22	1.21	1.20	1.19	1.18	1.18	1.18	1.19	1.19	1.19	1.19
85	1.48	1.11	1.07	1.07	1.07	1.06	1.07	1.09	1.10	1.10	1.10	1.11	1.40	1.32	1.14	1.15	1.15	1.14	1.14
90	0.96	0.95	0.86	0.85	0.85	0.85	0.85	0.85	0.85	0.86	0.86	0.88	1.18	1.10	1.03	1.02	1.02	1.02	1.02
95	0.75	0.72	0.69	0.68	0.68	0.68	0.68	0.69	0.69	0.69	0.70	0.70	1.10	1.08	1.03	1.03	1.03	1.03	1.03
100	0.65	0.63	0.62	0.62	0.62	0.61	0.62	0.61	0.62	0.61	0.62	0.62	1.07	1.07	1.05	1.05	1.05	1.05	1.05
105	0.74	0.73	0.74	0.73	0.74	0.72	0.73	0.72	0.73	0.72	0.72	0.71	1.10	1.09	1.08	1.08	1.08	1.09	1.08
110	0.90	0.90	0.91	0.90	0.91	0.90	0.90	0.89	0.90	0.89	0.89	0.88	1.15	1.15	1.14	1.15	1.14	1.14	1.14
115	1.02	1.02	1.03	1.02	1.03	1.02	1.03	1.02	1.02	1.01	1.02	1.01	1.22	1.22	1.22	1.23	1.22	1.22	1.22
120	1.15	1.14	1.15	1.14	1.15	1.14	1.15	1.14	1.14	1.13	1.14	1.13	1.34	1.34	1.33	1.34	1.33	1.34	1.33
125	1.38	1.37	1.38	1.37	1.39	1.37	1.38	1.36	1.37	1.35	1.36	1.34	1.55	1.55	1.54	1.54	1.54	1.54	1.54
130	1.84	1.83	1.85	1.84	1.85	1.83	1.84	1.81	1.82	1.79	1.79	1.77	1.93	1.93	1.91	1.92	1.91	1.92	1.92
135	2.44	2.43	2.46	2.45	2.46	2.43	2.44	2.42	2.43	2.39	2.39	2.37	2.46	2.47	2.44	2.45	2.44	2.46	2.45
140	2.91	2.91	2.92	2.93	2.92	2.90	2.91	2.89	2.91	2.88	2.88	2.86	2.93	2.93	2.91	2.91	2.91	2.92	2.91
145	3.19	3.19	3.21	3.31	3.21	3.18	3.18	3.21	3.29	3.17	3.17	3.16	3.28	3.28	3.21	3.21	3.21	3.30	3.26
150	3.36	3.36	3.37	3.42	3.37	3.35	3.36	3.38	3.42	3.35	3.35	3.34	3.44	3.42	3.40	3.40	3.40	3.43	3.42
155	3.47	3.48	3.48	3.48	3.48	3.47	3.48	3.47	3.48	3.47	3.47	3.46	3.52	3.51	3.51	3.51	3.51	3.51	3.51
160	3.56	3.57	3.57	3.57	3.57	3.57	3.57	3.56	3.56	3.56	3.56	3.56	3.59	3.58	3.58	3.58	3.58	3.58	3.58
165	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.66	3.65	3.65	3.65	3.65	3.65	3.65
170	3.61	3.62	3.61	3.62	3.61	3.62	3.61	3.62	3.62	3.63	3.63	3.64	3.66	3.65	3.66	3.65	3.66	3.65	3.66
175	3.38	3.39	3.38	3.39	3.38	3.40	3.40	3.41	3.42	3.43	3.43	3.45	3.48	3.47	3.49	3.49	3.50	3.49	3.49
180	3.28	3.29	3.29	3.30	3.30	3.31	3.32	3.32	3.32	3.33	3.32	3.32	3.29	3.28	3.30	3.30	3.31	3.31	3.32

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-07-28

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:0.1800A P:38.70W PF:0.9490 Lamp Flux:4213.72x1 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	3383	3383	3383	3383	3383													
5	2455	2469	2375	2382	2291													
10	932	952	897	907	853													
15	383	394	375	377	357													
20	226	228	224	225	219													
25	180	181	180	180	179													
30	132	134	129	131	126													
35	33.2	33.5	30.3	30.9	27.8													
40	7.84	8.02	7.52	7.51	7.59													
45	2.90	3.03	2.74	2.66	2.46													
50	1.74	1.83	1.79	1.71	1.57													
55	1.55	1.61	1.62	1.56	1.51													
60	1.61	1.66	1.64	1.57	1.56													
65	1.61	1.63	1.61	1.58	1.58													
70	1.37	1.40	1.38	1.35	1.34													
75	1.25	1.28	1.27	1.24	1.23													
80	1.21	1.23	1.23	1.19	1.19													
85	1.16	1.17	1.15	1.13	1.12													
90	1.03	1.03	1.03	1.02	1.03													
95	1.03	1.04	1.04	1.03	1.04													
100	1.05	1.06	1.05	1.05	1.06													
105	1.09	1.10	1.09	1.09	1.10													
110	1.15	1.15	1.15	1.15	1.15													
115	1.23	1.22	1.23	1.22	1.23													
120	1.34	1.34	1.35	1.34	1.36													
125	1.55	1.55	1.56	1.56	1.58													
130	1.94	1.93	1.96	1.96	1.98													
135	2.46	2.46	2.49	2.49	2.52													
140	2.92	2.92	2.94	2.95	2.96													
145	3.22	3.21	3.23	3.31	3.27													
150	3.40	3.40	3.41	3.42	3.42													
155	3.51	3.51	3.51	3.51	3.52													
160	3.58	3.58	3.59	3.59	3.59													
165	3.65	3.65	3.65	3.65	3.65													
170	3.65	3.65	3.64	3.64	3.64													
175	3.48	3.48	3.47	3.47	3.46													
180	3.32	3.33	3.32	3.32	3.32													

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-07-28

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: