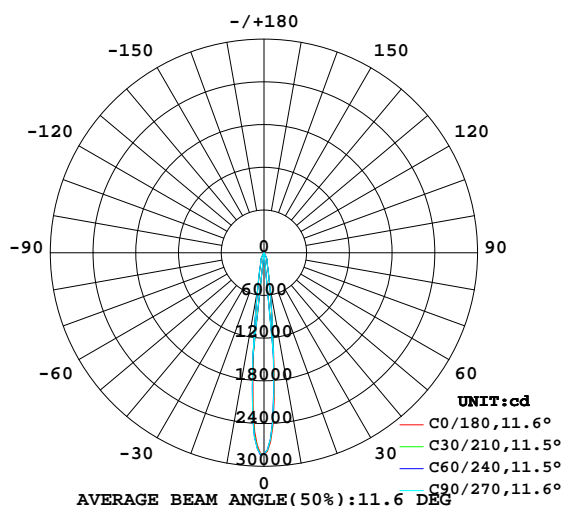


## LUMINAIRE PHOTOMETRIC TEST REPORT

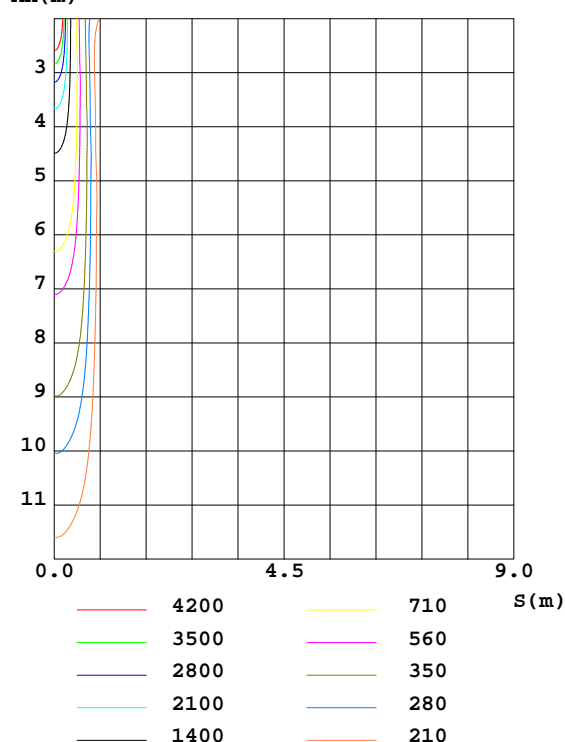
Test:U:226.6V I:0.1260A P:27.50W PF:0.9610 Lamp Flux:2447.33x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 88.99 lm/W			
MODEL	SD031-30W-940-W-12	Imax(cd)	28446	S/MH(C0/180)	0.20
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.19
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2447.3	$\eta$ UP,DN(C0-180)	1.2,47.0
NOMINAL FLUX(lm)	2447.33	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.4,50.4
LAMPS INSIDE	1	$\eta$ up(%)	2.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.6	$\eta$ 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:2016-09-08

$\gamma$  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	473.8	469.4	460.0	483.0	504.4	511.9	528.2	495.9	0- 10	1200	1200	49.1,49.1
20	126.8	127.2	126.3	129.0	132.3	131.2	133.4	128.9	10- 20	633.4	1834	74.9,74.9
30	34.74	34.09	33.52	37.71	41.11	38.96	43.31	38.88	20- 30	429.6	2263	92.5,92.5
40	4.006	3.907	4.125	4.087	4.132	4.070	4.290	4.228	30- 40	68.07	2331	95.3,95.3
50	1.218	1.224	1.202	1.258	1.239	1.232	1.197	1.180	40- 50	18.98	2350	96,96
60	0.9150	0.9226	0.9075	0.9020	0.8866	0.8730	0.8503	0.8647	50- 60	8.851	2359	96.4,96.4
70	0.8590	0.8646	0.8544	0.8545	0.8337	0.8374	0.8266	0.8271	60- 70	8.669	2368	96.8,96.8
80	0.7437	0.7359	0.7298	0.7313	0.7159	0.7253	0.7116	0.7097	70- 80	8.220	2376	97.1,97.1
90	0.5104	0.4966	0.4924	0.4985	0.5983	0.6054	0.6002	0.5995	80- 90	7.200	2383	97.4,97.4
100	0.3225	0.3126	0.3119	0.3115	0.6047	0.6064	0.6026	0.6044	90-100	5.409	2389	97.6,97.6
110	0.4930	0.4890	0.4951	0.4904	0.6382	0.6383	0.6337	0.6399	100-110	5.325	2394	97.8,97.8
120	0.6061	0.6049	0.6119	0.6059	0.7318	0.7314	0.7252	0.7354	110-120	6.079	2400	98.1,98.1
130	1.010	1.011	1.026	1.001	1.080	1.074	1.062	1.086	120-130	7.242	2407	98.4,98.4
140	1.711	1.709	1.712	1.704	1.722	1.718	1.708	1.725	130-140	10.82	2418	98.8,98.8
150	1.973	1.969	1.970	1.967	1.998	1.996	1.989	1.999	140-150	11.69	2430	99.3,99.3
160	2.098	2.094	2.093	2.095	2.104	2.104	2.098	2.106	150-160	9.470	2439	99.7,99.7
170	2.109	2.105	2.104	2.113	2.121	2.121	2.119	2.123	160-170	6.000	2445	99.9,99.9
180	1.815	1.821	1.833	1.846	1.817	1.822	1.833	1.846	170-180	1.937	2447	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

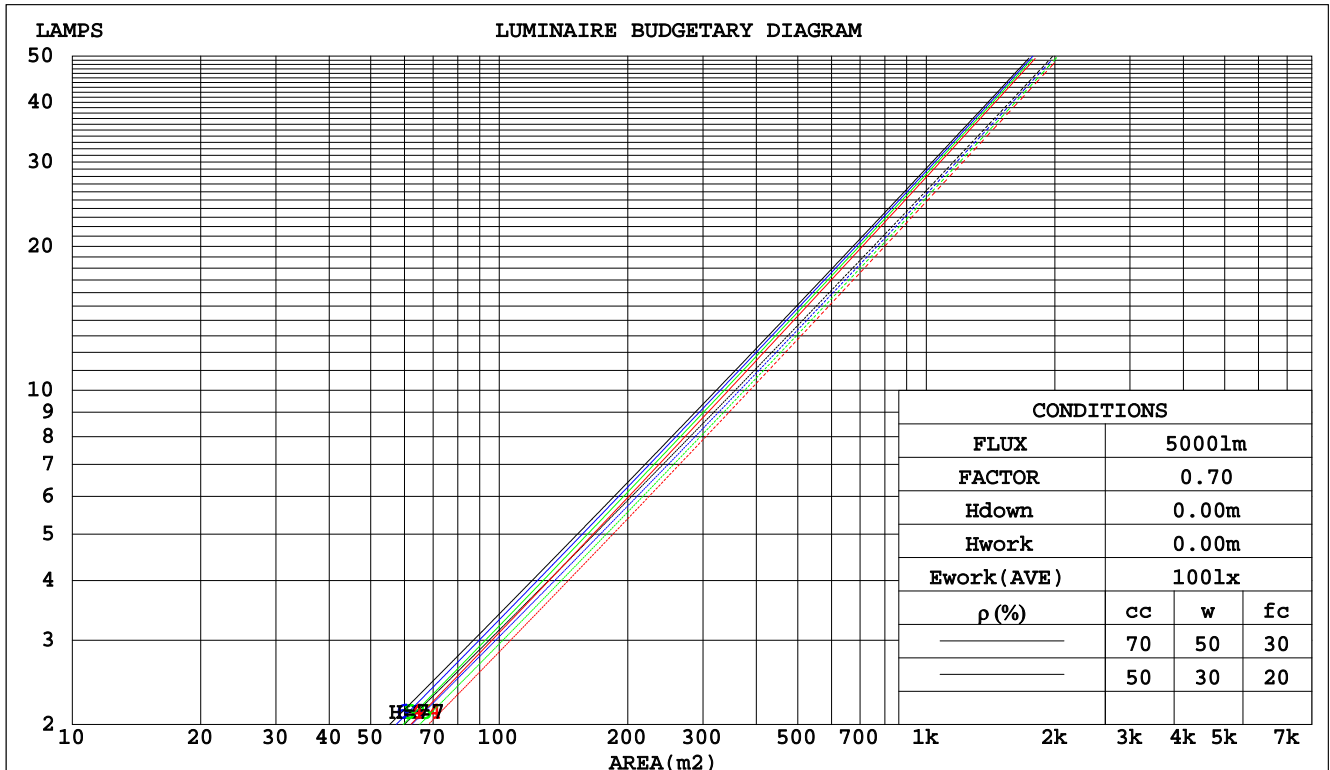
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-08

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:226.6V I:0.1260A P:27.50W PF:0.9610 Lamp Flux:2447.33x1 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	1.09	1.10	1.08	1.07	1.05	1.04	1.03	1.01	1.00	.99	.97	.97	.96	.94
2.0	1.07	1.04	1.02	1.05	1.03	1.00	1.02	.00	.98	.98	.97	.95	.95	.94	.93	.91
3.0	1.03	.99	.96	1.01	.98	.95	.98	.96	.94	.96	.94	.92	.93	.92	.90	.89
4.0	.99	.95	.92	.98	.94	.91	.95	.93	.90	.93	.91	.89	.91	.89	.88	.86
5.0	.96	.92	.89	.95	.91	.88	.93	.90	.87	.91	.88	.86	.89	.87	.85	.84
6.0	.93	.89	.86	.92	.88	.85	.90	.87	.85	.89	.86	.84	.87	.85	.83	.82
7.0	.90	.86	.83	.89	.86	.83	.88	.85	.82	.87	.84	.82	.86	.83	.81	.80
8.0	.88	.84	.81	.87	.83	.81	.86	.83	.80	.85	.82	.80	.84	.81	.80	.79
9.0	.86	.82	.79	.85	.81	.79	.84	.81	.79	.83	.80	.78	.82	.80	.78	.77
10.0	.84	.80	.77	.83	.80	.77	.82	.79	.77	.81	.79	.77	.81	.78	.76	.75



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:226.6V I:0.1260A P:27.50W PF:0.9610 Lamp Flux:2447.33x1 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	.138	.079	.025	.131	.075	.024	.117	.067	.021	.104	.060	.019	.092	.054	.017	
2.0	.126	.069	.021	.120	.066	.020	.108	.060	.019	.098	.055	.017	.088	.050	.016	
3.0	.116	.062	.019	.111	.060	.018	.101	.055	.017	.092	.051	.016	.084	.046	.014	
4.0	.108	.056	.017	.104	.054	.016	.095	.051	.015	.088	.047	.014	.080	.044	.013	
5.0	.101	.051	.015	.097	.050	.015	.090	.047	.014	.083	.044	.013	.077	.041	.012	
6.0	.095	.048	.014	.092	.046	.013	.085	.044	.013	.080	.041	.012	.074	.039	.012	
7.0	.090	.044	.013	.087	.043	.012	.081	.041	.012	.076	.039	.011	.071	.037	.011	
8.0	.085	.041	.012	.082	.041	.011	.077	.039	.011	.073	.037	.011	.069	.035	.010	
9.0	.081	.039	.011	.078	.038	.011	.074	.037	.010	.070	.035	.010	.066	.034	.010	
10.0	.077	.037	.010	.075	.036	.010	.071	.035	.010	.067	.033	.010	.064	.032	.009	

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	.071	.071	.071	.023	.023	.023	
1.0	.189	.178	.168	.161	.153	.145	.110	.105	.100	.064	.061	.058	.020	.020	.019	
2.0	.170	.153	.138	.146	.132	.120	.100	.091	.083	.058	.053	.049	.018	.017	.016	
3.0	.155	.134	.116	.133	.115	.101	.091	.080	.071	.053	.047	.042	.017	.015	.014	
4.0	.142	.118	.100	.122	.102	.087	.084	.071	.061	.049	.042	.036	.016	.014	.012	
5.0	.132	.106	.087	.113	.092	.076	.078	.064	.053	.045	.038	.032	.015	.012	.010	
6.0	.123	.096	.077	.105	.083	.067	.073	.058	.047	.042	.034	.028	.014	.011	.009	
7.0	.115	.088	.069	.099	.076	.060	.068	.053	.042	.040	.031	.025	.013	.010	.008	
8.0	.108	.081	.062	.093	.070	.054	.064	.049	.038	.037	.029	.023	.012	.010	.008	
9.0	.102	.075	.057	.088	.065	.050	.061	.046	.035	.036	.027	.021	.012	.009	.007	
10.0	.097	.070	.053	.084	.061	.046	.058	.043	.033	.034	.025	.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:226.6V I:0.1260A P:27.50W PF:0.9610 Lamp Flux:2447.33x1 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		5.7	6.3	5.9	6.5	6.7	5.8	6.4	6.1	6.6	6.8
3H		7.0	7.5	7.2	7.8	8.0	7.0	7.6	7.3	7.8	8.1
4H		7.9	8.4	8.2	8.7	8.9	7.9	8.5	8.2	8.7	9.0
6H		9.1	9.6	9.4	9.9	10.2	9.1	9.6	9.4	9.9	10.2
8H		9.9	10.4	10.2	10.7	11.0	9.8	10.3	10.2	10.6	10.9
12H		10.8	11.2	11.1	11.5	11.9	10.7	11.2	11.1	11.5	11.8
4H	2H	6.0	6.6	6.3	6.8	7.1	6.1	6.7	6.4	6.9	7.2
	3H	7.6	8.1	8.0	8.4	8.7	7.7	8.2	8.1	8.5	8.8
	4H	8.8	9.3	9.2	9.6	9.9	8.8	9.3	9.2	9.6	10.0
	6H	10.3	10.7	10.7	11.1	11.5	10.3	10.7	10.7	11.1	11.5
	8H	11.2	11.6	11.7	12.0	12.4	11.2	11.6	11.6	11.9	12.4
12H		12.3	12.6	12.7	13.0	13.5	12.2	12.6	12.7	13.0	13.4
8H	4H	9.3	9.7	9.7	10.1	10.5	9.3	9.7	9.8	10.1	10.5
	6H	11.1	11.4	11.6	11.9	12.3	11.1	11.4	11.6	11.9	12.3
	8H	12.2	12.5	12.7	13.0	13.5	12.2	12.5	12.7	12.9	13.4
	12H	13.5	13.7	14.0	14.2	14.7	13.5	13.7	14.0	14.2	14.7
12H	4H	9.5	9.8	9.9	10.2	10.6	9.5	9.8	9.9	10.2	10.7
	6H	11.4	11.7	11.9	12.1	12.6	11.4	11.6	11.9	12.1	12.6
	8H	12.6	12.8	13.1	13.3	13.8	12.6	12.8	13.1	13.3	13.8
Variations with the observer position at spacings:											
S = 1.0H		+ 0.2 / - 0.3				+ 0.2 / - 0.3					
1.5H		+ 0.4 / - 0.2				+ 0.4 / - 0.2					
2.0H		+ 0.2 / - 0.2				+ 0.2 / - 0.2					

CIE Pub.117 Corrected 2447 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.1)

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:226.6V I:0.1260A P:27.50W PF:0.9610 Lamp Flux:2447.33x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

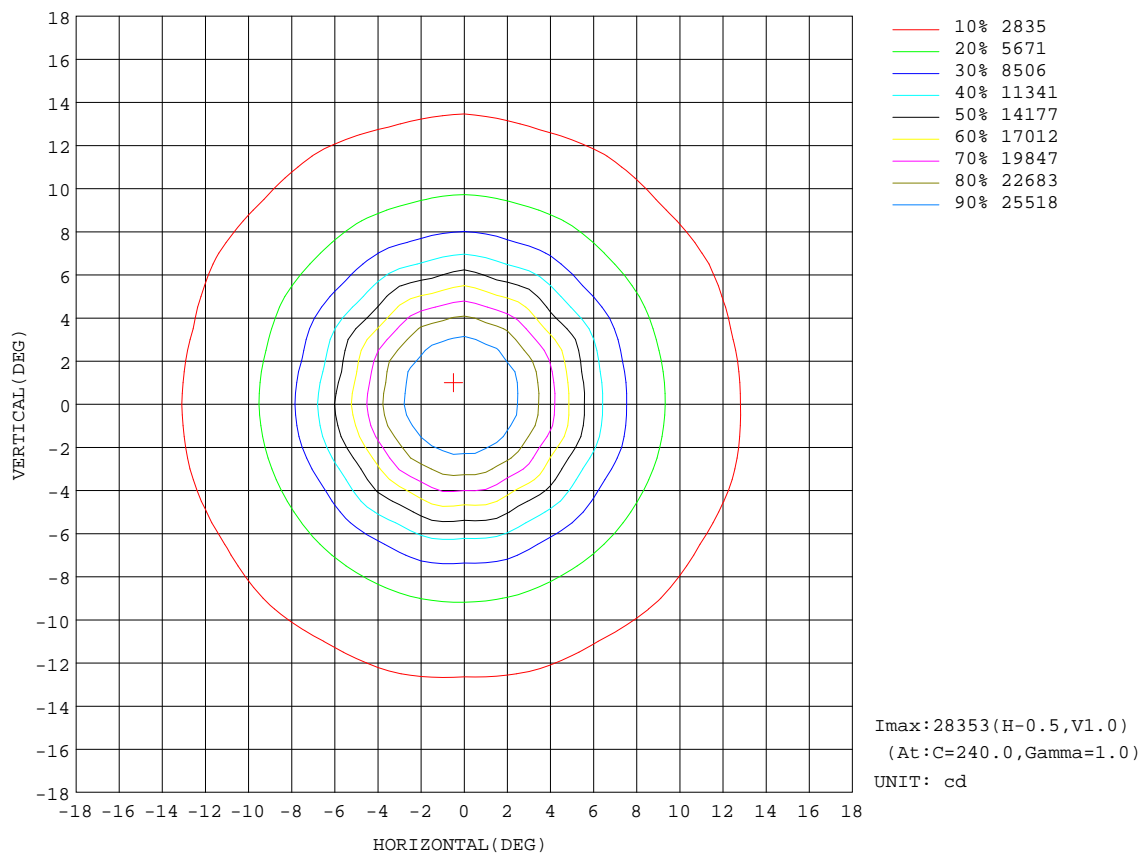
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	89	83	79	88	83	79	87	82	79	75
0.80	96	90	87	95	90	87	94	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:2016-09-08

$\gamma$  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:226.6V I:0.1260A P:27.50W PF:0.9610 Lamp Flux:2447.33x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



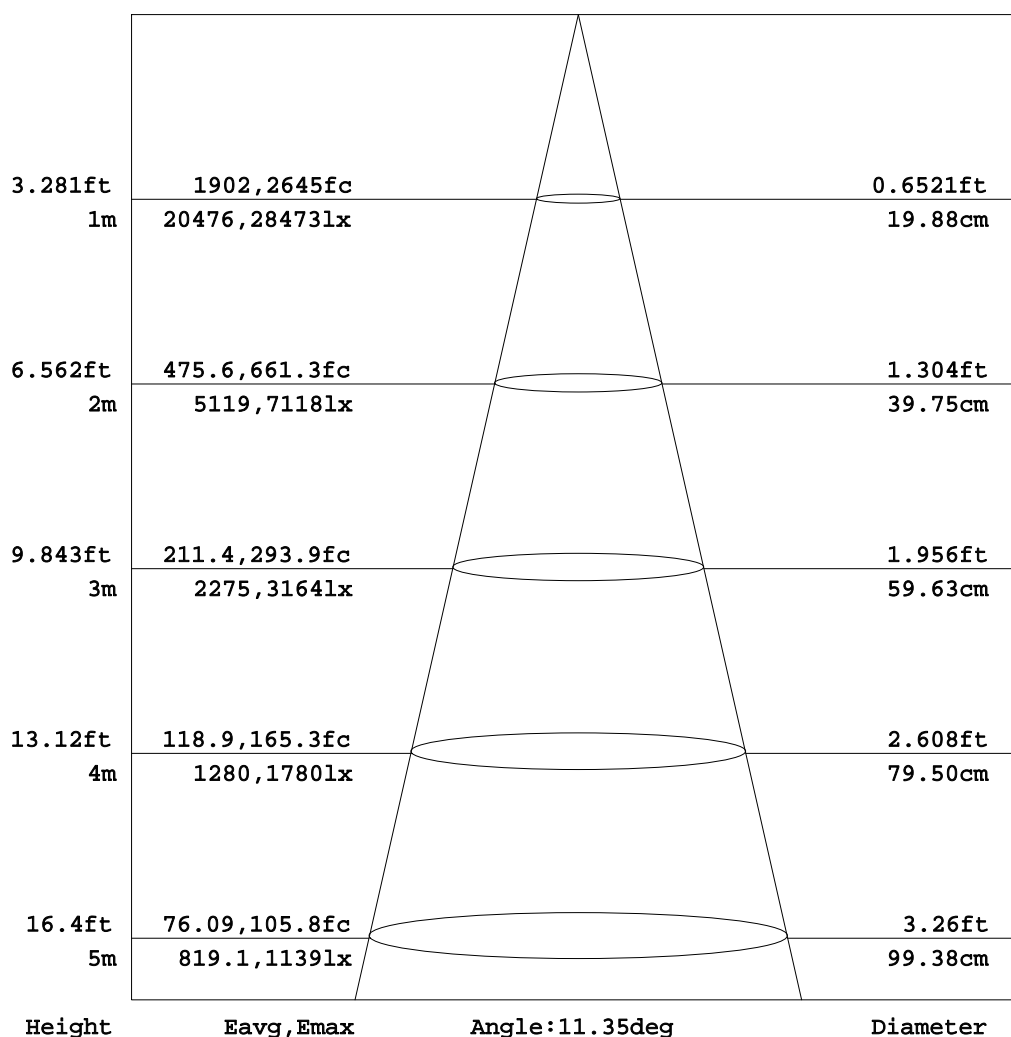
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-08

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:226.6V I:0.1260A P:27.50W PF:0.9610 Lamp Flux:2447.33x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:710.6 lm



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

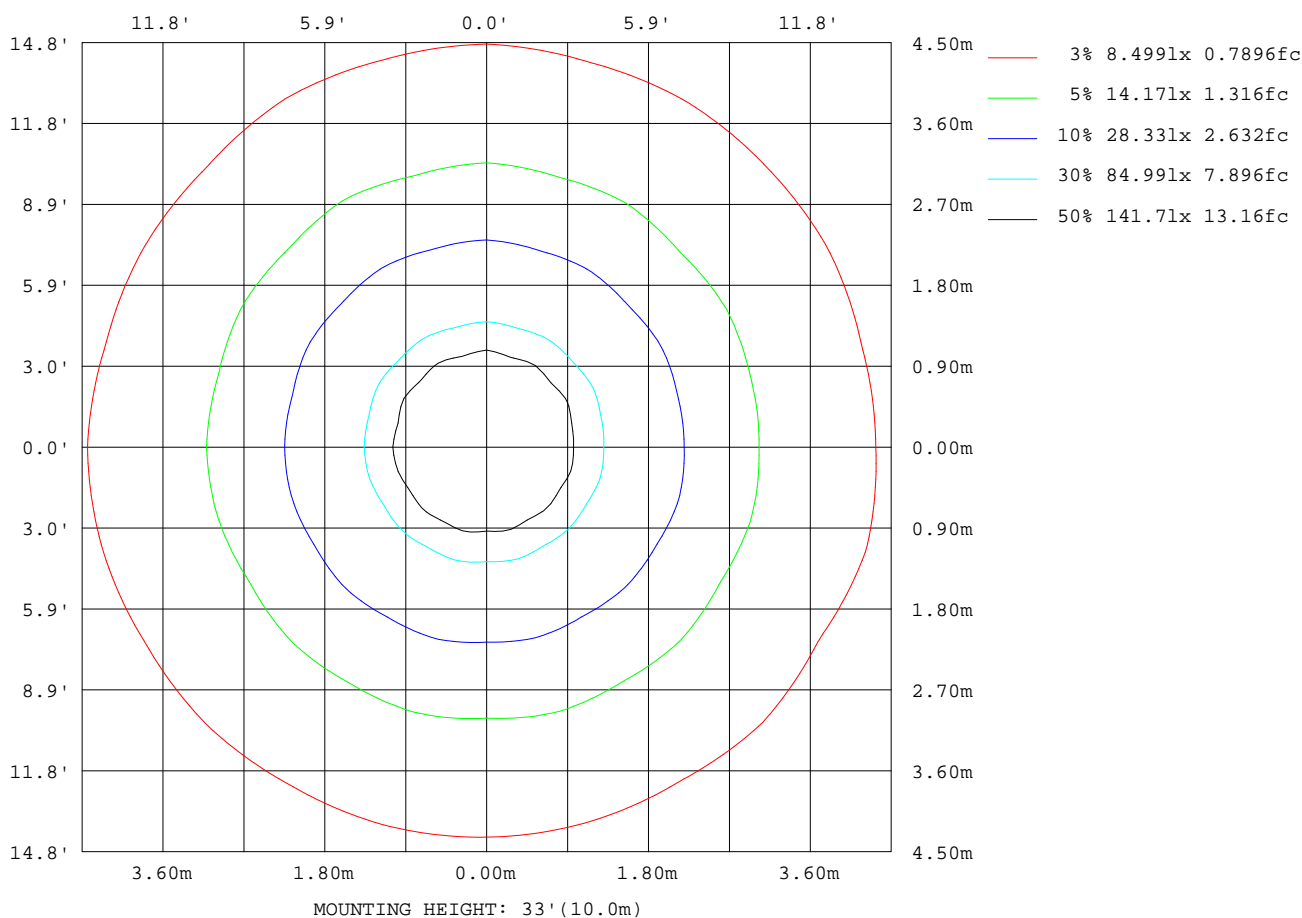
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-08

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

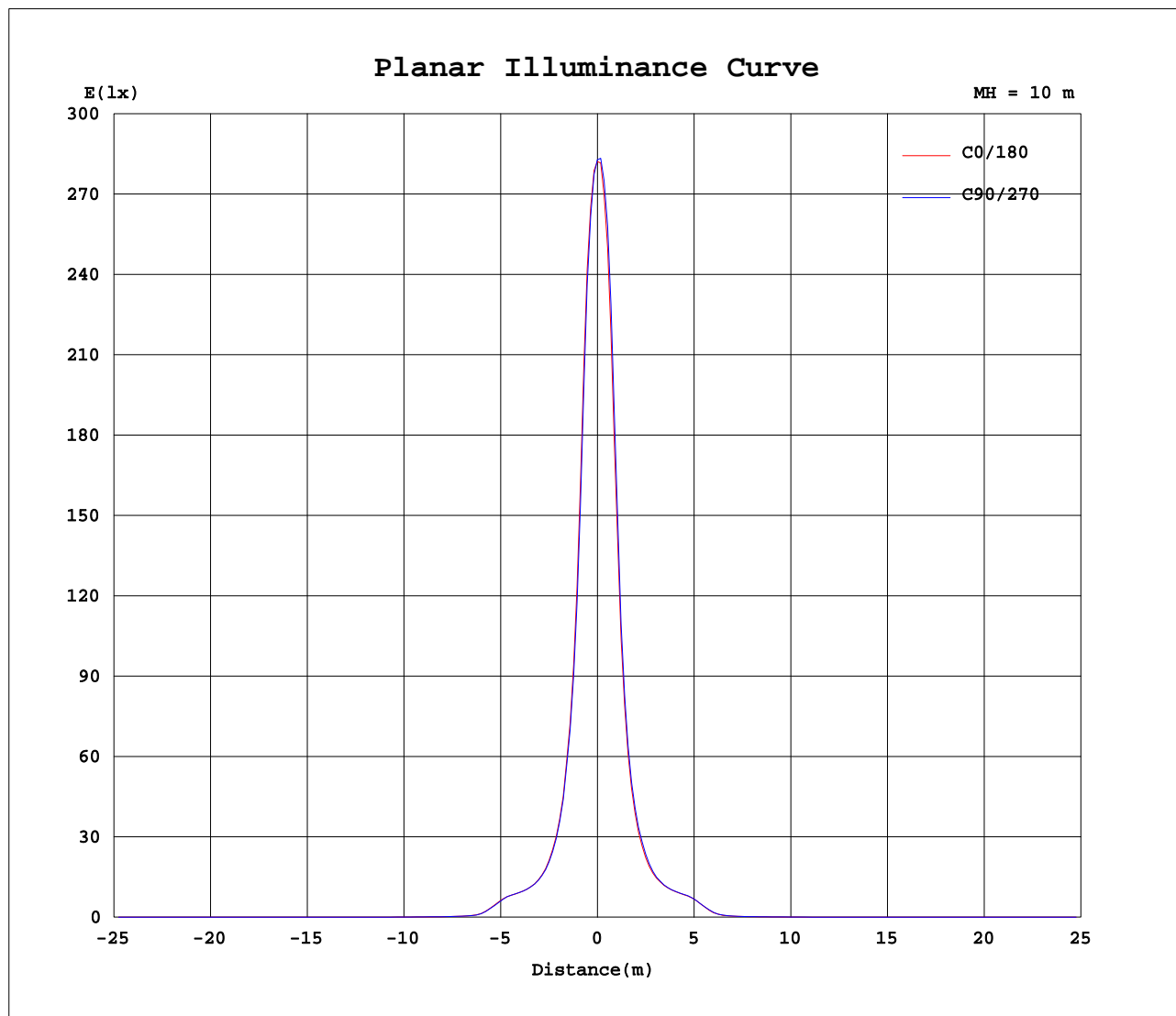
Test:U:226.6V I:0.1260A P:27.50W PF:0.9610 Lamp Flux:2447.33x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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

$\gamma$  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:226.6V I:0.1260A P:27.50W PF:0.9610 Lamp Flux:2447.33x1 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	2825	2825	2825	2825	2825	2825	2825	2825	2825	2825	2825	2825	2825	2825	2825	2825	2825	2825	2825
5	1638	1669	1564	1625	1531	1622	1555	1657	1604	1666	1666	1737	1790	1773	1869	1831	1908	1844	1896
10	474	480	464	469	455	468	460	476	467	483	475	493	504	494	526	512	530	510	528
15	202	204	197	200	196	202	197	205	201	206	201	208	212	210	219	215	223	218	222
20	127	128	125	127	126	128	126	128	127	129	128	131	132	130	132	131	134	132	133
25	104	105	101	104	101	103	103	104	103	105	104	106	107	105	106	105	108	107	108
30	34.7	35.5	31.4	34.1	31.6	35.0	33.5	36.2	34.0	37.7	36.2	39.2	41.1	39.3	42.0	39.0	42.5	40.0	43.3
35	7.43	7.49	7.45	7.23	7.53	7.63	7.28	7.37	7.59	7.59	7.46	7.84	7.97	7.95	8.36	8.12	8.25	7.95	8.34
40	4.01	3.99	3.90	3.91	4.01	4.24	4.12	4.01	3.98	4.09	4.08	4.09	4.13	4.16	4.23	4.07	4.07	4.08	4.29
45	2.25	2.28	2.28	2.37	2.38	2.49	2.33	2.32	2.28	2.40	2.38	2.45	2.47	2.47	2.59	2.52	2.56	2.50	2.55
50	1.22	1.21	1.21	1.22	1.22	1.23	1.20	1.22	1.23	1.26	1.25	1.25	1.24	1.23	1.23	1.23	1.26	1.22	1.20
55	0.98	0.98	0.99	0.99	0.99	0.99	0.97	0.97	0.97	0.98	0.98	0.99	0.97	0.96	0.95	0.95	0.95	0.93	0.92
60	0.92	0.91	0.92	0.92	0.92	0.92	0.91	0.90	0.90	0.90	0.91	0.91	0.89	0.88	0.87	0.87	0.87	0.86	0.85
65	0.90	0.90	0.91	0.91	0.90	0.90	0.90	0.89	0.89	0.89	0.90	0.89	0.86	0.87	0.86	0.86	0.85	0.86	0.85
70	0.86	0.86	0.86	0.86	0.86	0.85	0.85	0.85	0.85	0.85	0.86	0.86	0.83	0.84	0.84	0.84	0.83	0.83	0.83
75	0.78	0.78	0.78	0.78	0.78	0.77	0.78	0.77	0.78	0.78	0.78	0.78	0.76	0.76	0.77	0.77	0.77	0.76	0.76
80	0.74	0.74	0.74	0.74	0.74	0.73	0.73	0.73	0.73	0.73	0.74	0.73	0.72	0.72	0.72	0.73	0.73	0.72	0.71
85	0.67	0.67	0.66	0.66	0.67	0.67	0.66	0.66	0.66	0.66	0.66	0.66	0.67	0.67	0.68	0.68	0.70	0.68	0.67
90	0.51	0.51	0.49	0.50	0.52	0.51	0.49	0.49	0.50	0.50	0.50	0.50	0.60	0.60	0.61	0.61	0.65	0.62	0.60
95	0.38	0.37	0.37	0.37	0.39	0.39	0.37	0.37	0.37	0.37	0.38	0.38	0.60	0.60	0.60	0.60	0.64	0.62	0.60
100	0.32	0.31	0.31	0.31	0.32	0.32	0.31	0.31	0.31	0.31	0.31	0.31	0.60	0.60	0.61	0.61	0.62	0.61	0.60
105	0.39	0.38	0.39	0.38	0.39	0.38	0.39	0.38	0.39	0.38	0.38	0.38	0.61	0.61	0.61	0.61	0.62	0.61	0.61
110	0.49	0.49	0.49	0.49	0.49	0.49	0.50	0.49	0.49	0.49	0.49	0.49	0.64	0.64	0.64	0.64	0.64	0.64	0.63
115	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.67	0.67	0.67	0.67	0.67	0.67	0.67
120	0.61	0.60	0.61	0.60	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.73	0.73	0.73	0.73	0.73	0.73	0.73
125	0.73	0.72	0.73	0.73	0.74	0.73	0.74	0.73	0.73	0.73	0.73	0.72	0.85	0.85	0.84	0.85	0.84	0.84	0.84
130	1.01	1.00	1.02	1.01	1.03	1.01	1.03	1.01	1.02	1.00	1.01	0.99	1.08	1.08	1.07	1.07	1.06	1.07	1.06
135	1.42	1.42	1.43	1.42	1.43	1.42	1.43	1.42	1.42	1.41	1.41	1.40	1.44	1.44	1.42	1.43	1.41	1.43	1.42
140	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.70	1.70	1.70	1.72	1.72	1.71	1.72	1.71	1.72	1.71
145	1.87	1.86	1.87	1.87	1.87	1.87	1.87	1.86	1.86	1.86	1.86	1.86	1.89	1.89	1.88	1.89	1.88	1.89	1.88
150	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.96	2.00	2.00	1.99	2.00	1.99	2.00	1.99
155	2.05	2.04	2.05	2.04	2.05	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.07	2.07	2.06	2.07	2.06	2.07	2.06
160	2.10	2.10	2.10	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.10	2.10	2.10	2.10	2.10	2.10	2.10
165	2.13	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.13	2.12	2.12	2.12	2.13	2.12	2.12	2.12	2.13	2.12
170	2.11	2.11	2.10	2.10	2.10	2.11	2.10	2.11	2.11	2.11	2.11	2.11	2.12	2.12	2.12	2.12	2.12	2.12	2.12
175	1.95	1.95	1.94	1.95	1.94	1.95	1.95	1.96	1.96	1.97	1.97	1.98	2.00	2.00	2.01	2.01	2.01	2.01	2.01
180	1.81	1.82	1.82	1.82	1.82	1.83	1.83	1.84	1.84	1.85	1.84	1.84	1.82	1.82	1.82	1.82	1.82	1.83	1.83

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:226.6V I:0.1260A P:27.50W PF:0.9610 Lamp Flux:2447.33x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: x10cd

C(DEC)	285	300	315	330	345														
γ (DEC)																			
0	2825	2825	2825	2825	2825														
5	1812	1844	1747	1768	1667														
10	508	521	496	504	476														
15	213	215	205	209	203														
20	131	131	129	130	127														
25	107	107	106	106	104														
30	40.7	43.4	38.9	39.9	35.9														
35	8.10	8.33	8.00	8.04	7.55														
40	4.29	4.33	4.23	4.18	4.02														
45	2.43	2.47	2.35	2.34	2.22														
50	1.18	1.19	1.18	1.17	1.16														
55	0.92	0.92	0.92	0.91	0.92														
60	0.86	0.86	0.86	0.85	0.86														
65	0.86	0.85	0.86	0.85	0.86														
70	0.83	0.83	0.83	0.82	0.83														
75	0.76	0.75	0.75	0.75	0.76														
80	0.71	0.71	0.71	0.71	0.72														
85	0.67	0.66	0.67	0.67	0.68														
90	0.60	0.60	0.60	0.60	0.61														
95	0.60	0.60	0.60	0.60	0.60														
100	0.60	0.60	0.60	0.60	0.61														
105	0.61	0.61	0.61	0.61	0.61														
110	0.64	0.64	0.64	0.64	0.64														
115	0.67	0.67	0.68	0.67	0.68														
120	0.73	0.73	0.74	0.73	0.74														
125	0.85	0.84	0.85	0.85	0.85														
130	1.08	1.07	1.09	1.08	1.09														
135	1.43	1.42	1.44	1.43	1.45														
140	1.72	1.71	1.72	1.72	1.73														
145	1.89	1.88	1.89	1.89	1.90														
150	2.00	1.99	2.00	1.99	2.00														
155	2.07	2.06	2.07	2.06	2.07														
160	2.10	2.10	2.11	2.10	2.11														
165	2.13	2.12	2.13	2.12	2.13														
170	2.12	2.12	2.12	2.12	2.12														
175	2.01	2.01	2.01	2.00	2.00														
180	1.84	1.84	1.85	1.84	1.85														

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

γ Range: 0 - 180DEC  
γ Interval: 1.0DEC  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks: