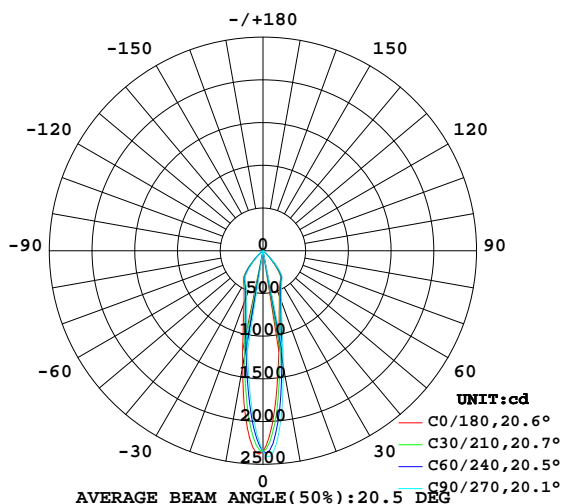


## LUMINAIRE PHOTOMETRIC TEST REPORT

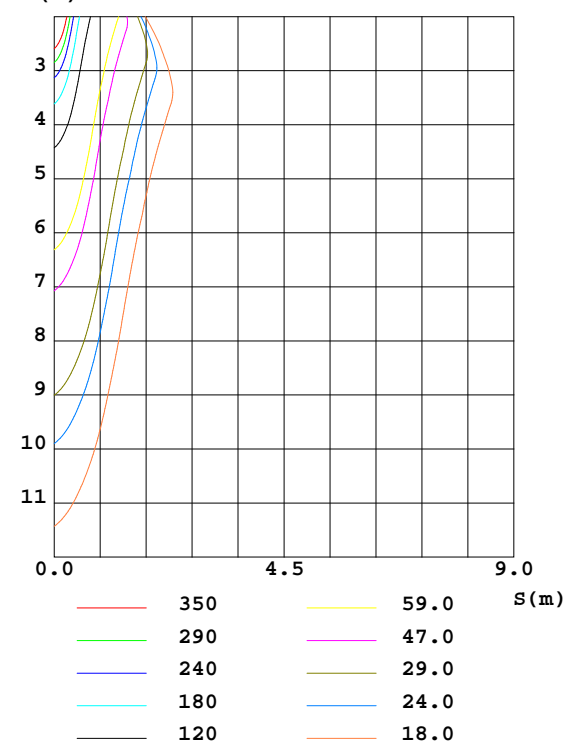
Test:U:226.4V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1012.69x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 94.64 lm/W			
MODEL	M031-11W-840-S-16	Imax(cd)	2453	S/MH(C0/180)	0.31
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.39
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1012.7	η UP,DN(C0-180)	1.2,51.7
NOMINAL FLUX(lm)	1012.69	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,45.9
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.5	η down(%)	97.6	CIBSE SHR MAX	0.50

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:2015-12-07

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	1082	1250	1369	1503	1378	1177	1073	1010	0- 10	160.1	160.1	15.8,15.8
20	560.8	603.7	629.8	671.5	654.5	597.3	563.8	543.2	10- 20	230.0	390.1	38.5,38.5
30	406.5	423.9	438.6	456.9	450.3	430.3	413.9	401.7	20- 30	228.8	619.0	61.1,61.1
40	227.0	269.9	297.6	319.8	290.6	250.7	222.6	206.9	30- 40	225.9	844.8	83.4,83.4
50	29.25	37.33	46.15	54.59	42.22	33.56	26.19	25.80	40- 50	96.66	941.5	93,93
60	13.85	15.20	16.65	17.90	16.61	14.90	13.16	13.46	50- 60	19.92	961.4	94.9,94.9
70	9.591	9.987	10.66	11.32	10.41	9.607	8.918	9.149	60- 70	12.10	973.5	96.1,96.1
80	7.172	7.187	7.346	7.654	7.104	6.797	6.604	6.831	70- 80	8.902	982.4	97,97
90	1.687	1.819	2.658	3.330	2.357	1.955	1.983	2.007	80- 90	5.625	988.0	97.6,97.6
100	1.890	1.841	1.768	1.785	2.255	2.300	2.367	2.401	90-100	2.141	990.2	97.8,97.8
110	2.515	2.418	2.310	2.294	2.745	2.818	2.892	2.953	100-110	2.463	992.6	98,98
120	3.287	3.160	3.034	2.999	3.401	3.502	3.605	3.678	110-120	2.931	995.5	98.3,98.3
130	4.443	4.244	4.049	3.993	4.377	4.551	4.705	4.816	120-130	3.419	999.0	98.6,98.6
140	5.785	5.622	5.445	5.392	5.657	5.812	5.934	6.021	130-140	3.907	1003	99,99
150	6.556	6.474	6.352	6.340	6.504	6.589	6.640	6.698	140-150	3.854	1007	99.4,99.4
160	7.179	7.101	7.013	7.009	7.134	7.210	7.241	7.292	150-160	3.148	1010	99.7,99.7
170	7.632	7.621	7.568	7.584	7.649	7.670	7.657	7.663	160-170	2.093	1012	99.9,99.9
180	7.786	7.798	7.745	7.724	7.791	7.796	7.745	7.724	170-180	0.7328	1013	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

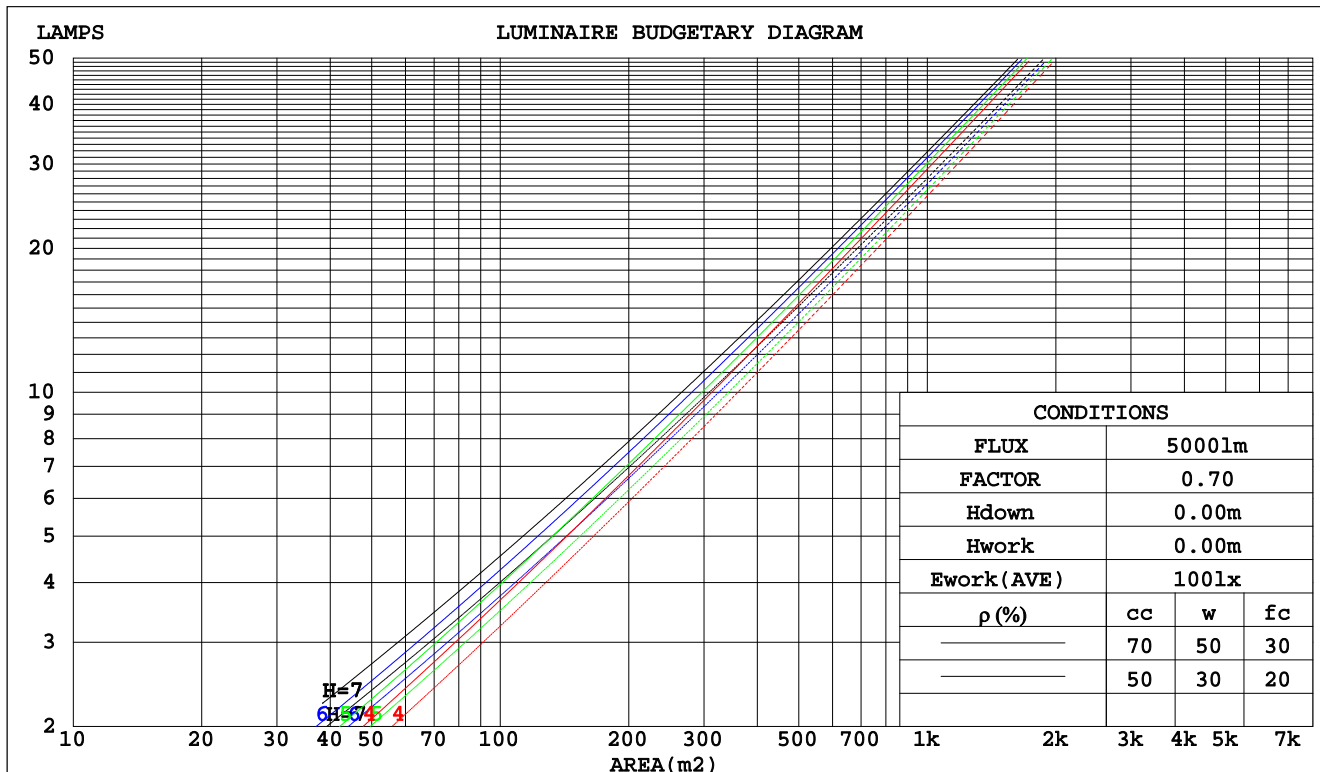
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

$\gamma$  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:226.4V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1012.69x1 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	Coefficients of Utilization(CU)															
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.09	1.07	1.04	1.07	1.05	1.02	1.02	1.01	.99	.98	.97	.95	.94	.93	.92	.90
2.0	1.01	.97	.93	.99	.95	.92	.96	.92	.90	.92	.90	.87	.89	.87	.85	.83
3.0	.94	.89	.84	.92	.87	.84	.89	.85	.82	.87	.83	.80	.84	.81	.79	.77
4.0	.87	.82	.77	.86	.81	.77	.84	.79	.75	.81	.77	.74	.79	.76	.73	.72
5.0	.82	.76	.71	.81	.75	.71	.79	.74	.70	.77	.72	.69	.75	.71	.68	.67
6.0	.77	.70	.66	.76	.70	.66	.74	.69	.65	.72	.68	.64	.71	.67	.64	.62
7.0	.72	.66	.61	.71	.65	.61	.70	.65	.61	.68	.64	.60	.67	.63	.60	.58
8.0	.68	.62	.58	.67	.61	.57	.66	.61	.57	.65	.60	.57	.64	.59	.56	.55
9.0	.64	.58	.54	.64	.58	.54	.62	.57	.54	.61	.57	.53	.60	.56	.53	.52
10.0	.61	.55	.51	.60	.55	.51	.59	.54	.51	.58	.54	.50	.58	.53	.50	.49



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

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:226.4V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1012.69x1 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	.193	.110	.035	.186	.106	.034	.172	.099	.031	.159	.092	.029	.147	.085	.027	
2.0	.183	.100	.031	.177	.097	.030	.165	.092	.028	.154	.086	.027	.143	.081	.026	
3.0	.173	.092	.028	.167	.090	.027	.157	.085	.026	.147	.081	.025	.139	.077	.024	
4.0	.163	.085	.025	.159	.083	.025	.150	.079	.024	.141	.076	.023	.133	.072	.022	
5.0	.155	.079	.023	.151	.077	.023	.143	.074	.022	.135	.071	.021	.128	.069	.021	
6.0	.147	.074	.021	.143	.072	.021	.136	.070	.020	.129	.067	.020	.123	.065	.019	
7.0	.140	.069	.020	.136	.068	.019	.130	.066	.019	.124	.064	.018	.118	.062	.018	
8.0	.133	.065	.018	.130	.064	.018	.124	.062	.018	.119	.060	.017	.114	.058	.017	
9.0	.127	.061	.017	.124	.060	.017	.119	.059	.017	.114	.057	.016	.109	.056	.016	
10.0	.121	.058	.016	.119	.057	.016	.114	.056	.016	.110	.054	.015	.105	.053	.015	

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	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.191	.176	.162	.163	.151	.140	.112	.104	.097	.064	.060	.056	.021	.019	.018	
2.0	.177	.151	.130	.151	.130	.112	.104	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.165	.133	.107	.141	.114	.093	.097	.079	.065	.056	.046	.038	.018	.015	.013	
4.0	.155	.118	.090	.133	.102	.078	.091	.071	.055	.053	.042	.033	.017	.014	.011	
5.0	.146	.107	.078	.126	.092	.067	.086	.064	.048	.050	.038	.028	.016	.012	.009	
6.0	.139	.098	.068	.119	.084	.059	.082	.059	.042	.048	.035	.025	.015	.011	.008	
7.0	.132	.090	.060	.114	.078	.053	.079	.055	.037	.046	.032	.022	.015	.011	.007	
8.0	.126	.084	.055	.109	.073	.048	.075	.051	.034	.044	.030	.020	.014	.010	.007	
9.0	.121	.079	.050	.104	.068	.044	.072	.048	.031	.042	.028	.018	.014	.009	.006	
10.0	.116	.074	.046	.100	.065	.040	.070	.045	.029	.041	.027	.017	.013	.009	.006	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:226.4V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1012.69x1 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	2H	24.2	25.2	24.5	25.4	25.6	25.1	26.1	25.4	26.3	26.5
	3H	24.2	25.1	24.5	25.4	25.6	25.1	26.0	25.4	26.2	26.5
	4H	24.3	25.1	24.6	25.4	25.6	25.1	26.0	25.4	26.2	26.5
	6H	24.4	25.2	24.7	25.5	25.7	25.2	26.0	25.5	26.3	26.6
	8H	24.5	25.2	24.8	25.5	25.8	25.3	26.0	25.6	26.3	26.6
	12H	24.6	25.3	25.0	25.6	26.0	25.4	26.1	25.7	26.4	26.7
4H	2H	24.0	24.9	24.4	25.2	25.4	24.9	25.8	25.2	26.0	26.3
	3H	24.1	24.8	24.5	25.2	25.5	24.9	25.7	25.3	26.0	26.3
	4H	24.2	24.9	24.6	25.2	25.6	25.0	25.7	25.4	26.0	26.4
	6H	24.5	25.0	24.9	25.4	25.8	25.2	25.8	25.6	26.2	26.6
	8H	24.6	25.2	25.1	25.6	26.0	25.4	25.9	25.8	26.3	26.7
	12H	24.9	25.4	25.3	25.8	26.2	25.6	26.1	26.0	26.5	26.9
8H	4H	24.2	24.8	24.6	25.1	25.6	25.0	25.5	25.4	25.9	26.4
	6H	24.6	25.0	25.0	25.5	25.9	25.3	25.7	25.8	26.2	26.6
	8H	24.9	25.3	25.4	25.7	26.2	25.5	25.9	26.0	26.4	26.9
	12H	25.3	25.6	25.8	26.1	26.6	25.9	26.2	26.4	26.7	27.2
12H	4H	24.2	24.7	24.6	25.1	25.5	25.0	25.5	25.4	25.9	26.3
	6H	24.6	25.0	25.1	25.5	26.0	25.3	25.7	25.8	26.2	26.7
	8H	25.0	25.3	25.5	25.8	26.3	25.6	25.9	26.1	26.4	26.9
Variations with the observer position at spacings:											
S = 1.0H	+ 1.9 / - 3.5					+ 2.0 / - 3.9					
1.5H	+ 3.8 / - 3.5					+ 3.8 / - 4.1					
2.0H	+ 2.9 / - 0.8					+ 5.0 / - 1.6					

CIE Pub.117 Corrected 1013 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.0)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:226.4V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1012.69x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

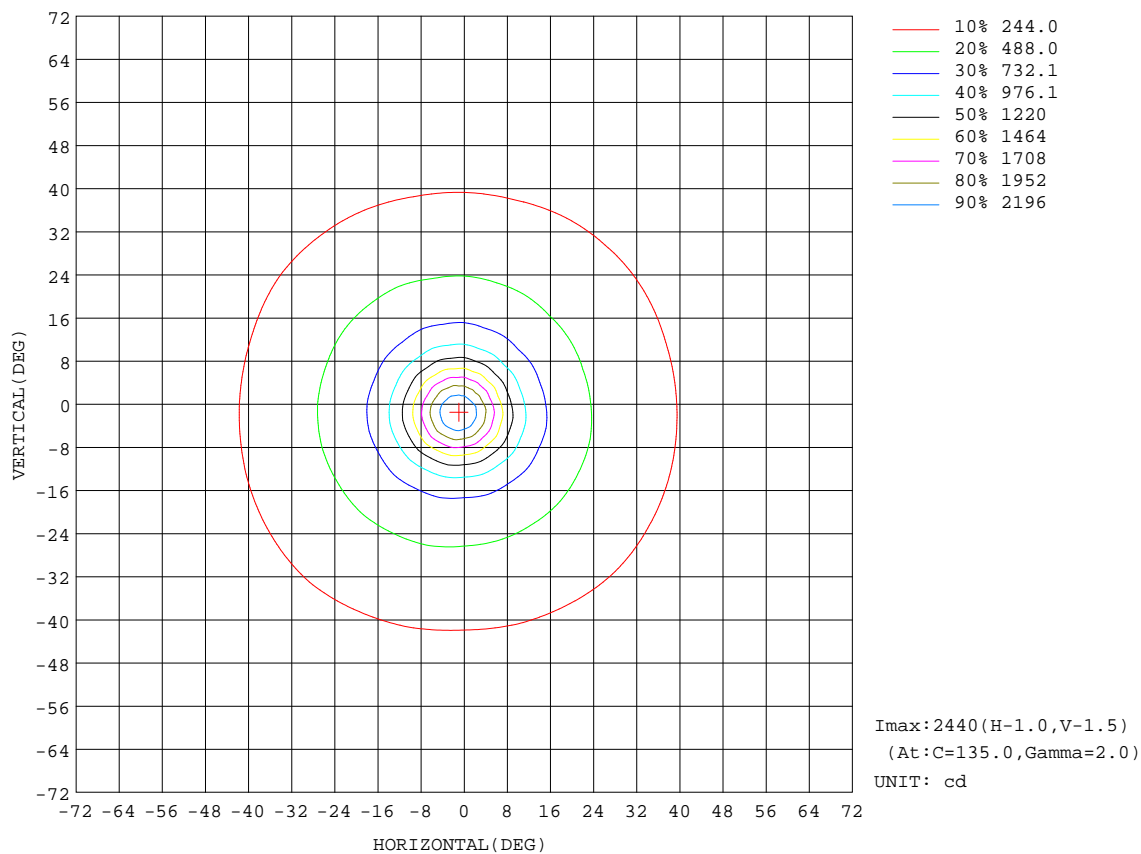
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	81	74	70	81	74	69	80	73	69	65
0.80	89	82	78	88	82	78	87	81	77	73
1.00	95	88	84	94	88	84	92	87	83	78
1.25	99	93	89	98	92	89	96	91	88	83
1.50	102	97	93	101	96	92	98	94	91	86
2.00	106	101	97	104	100	96	101	97	94	88
2.50	108	103	100	106	102	99	102	99	96	90
3.00	110	106	102	107	104	101	104	101	99	91
4.00	112	109	106	109	107	104	105	103	101	93
5.00	113	110	108	111	108	106	106	105	103	94
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:2015-12-07

$\gamma$  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:226.4V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1012.69x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



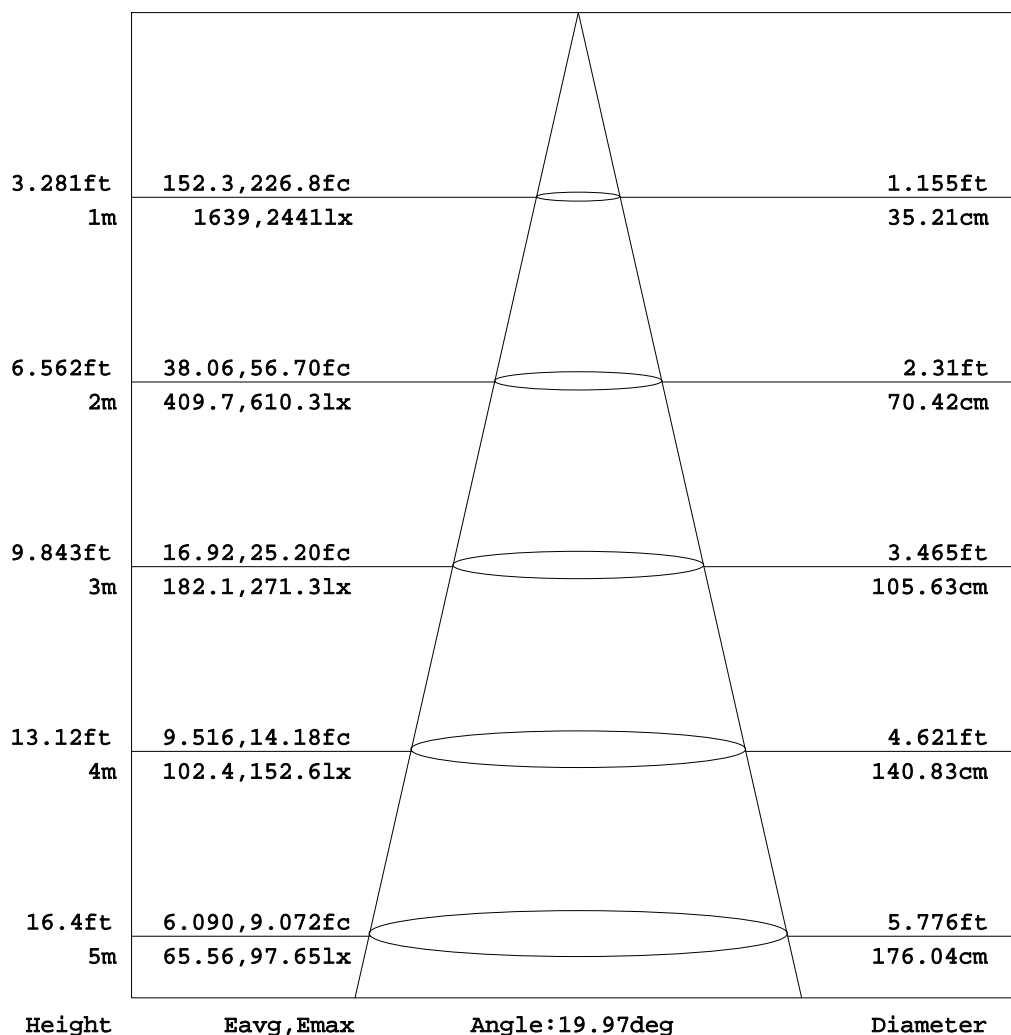
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

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:226.4V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1012.69x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:160.1 lm



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

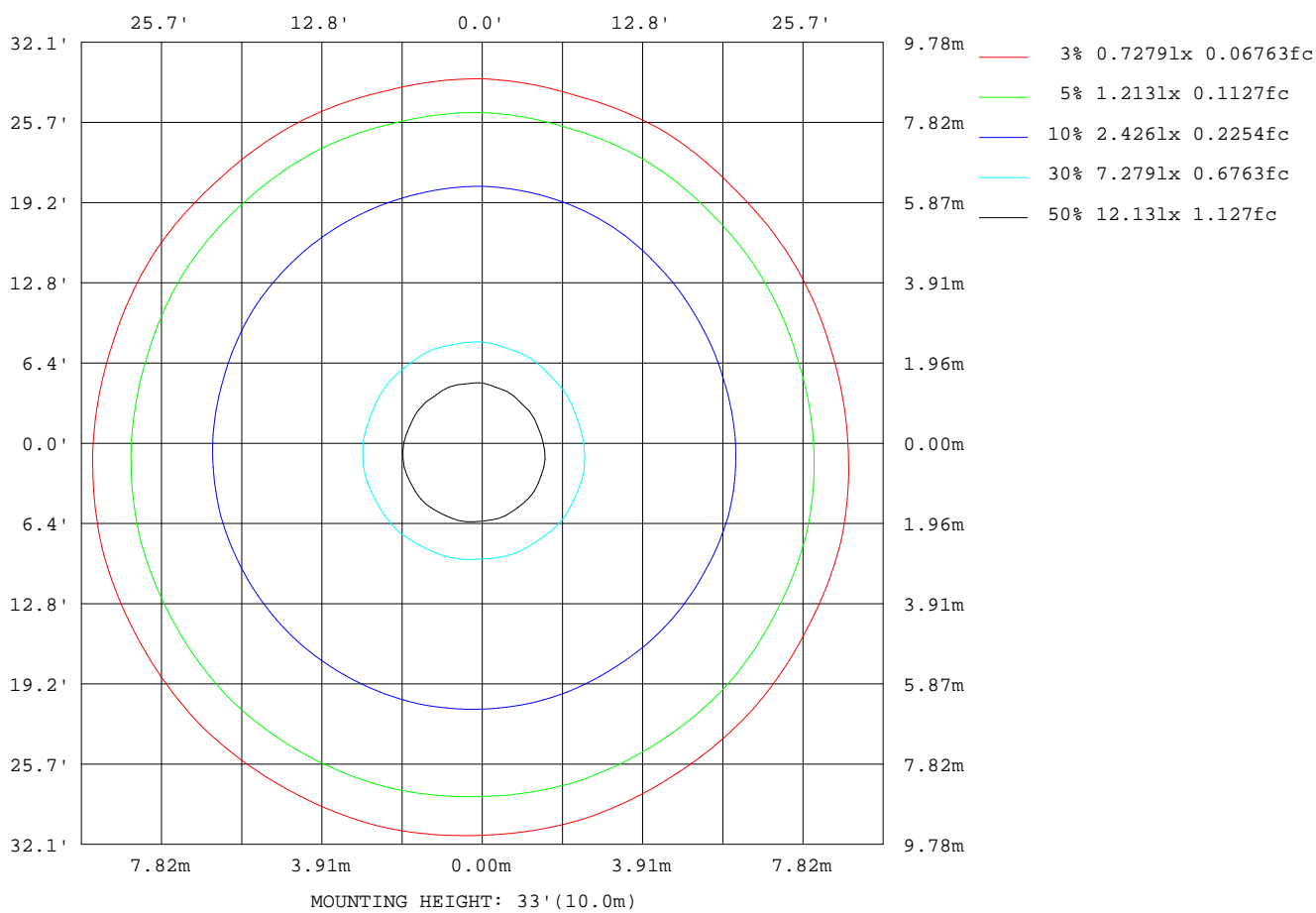
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

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

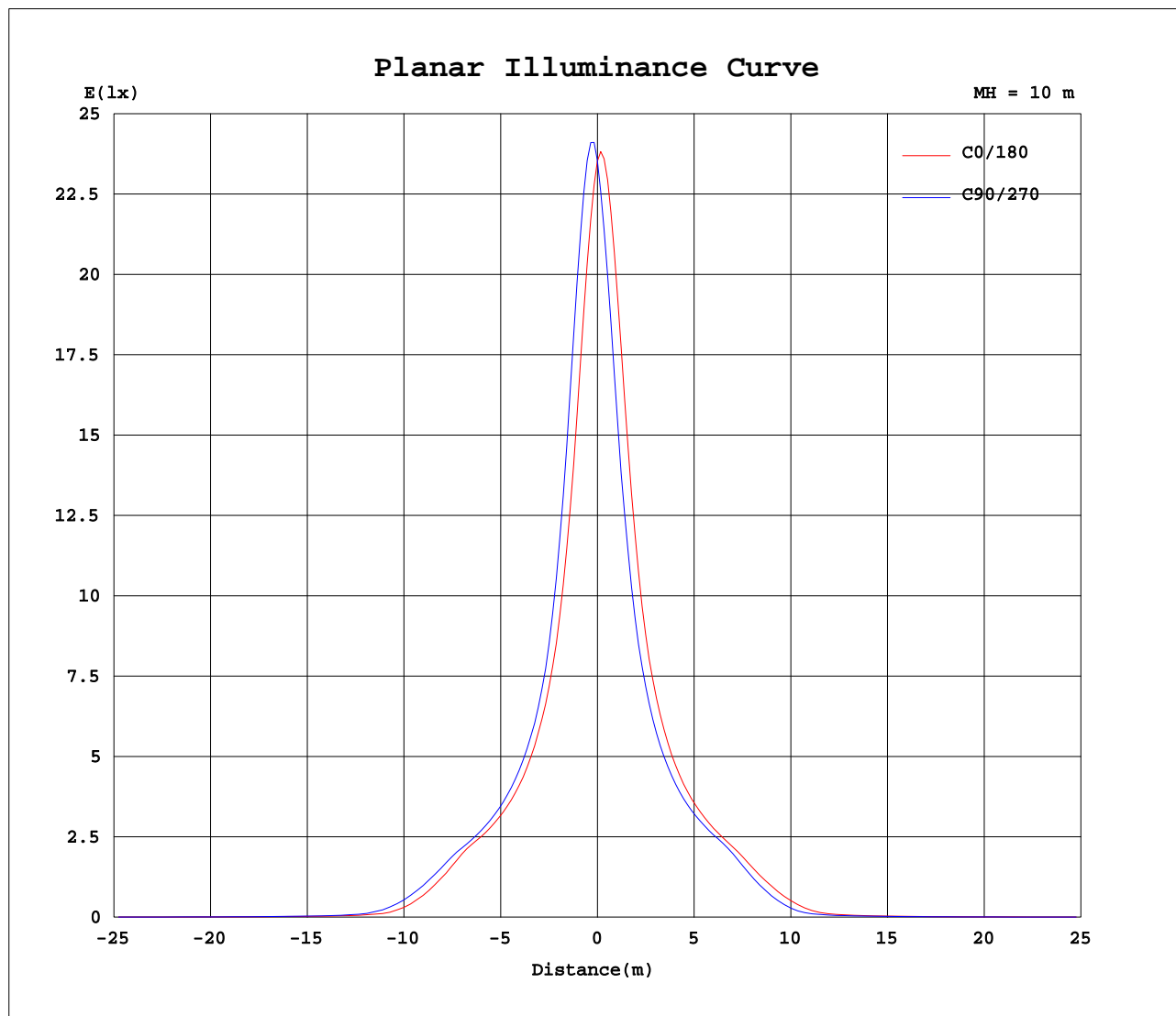
Test:U:226.4V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1012.69x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

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: 2015-12-07

$\gamma$  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:226.4V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1012.69x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										SUR.:					PROTECTION ANGLE:				

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2349	2349	2349	2349	2349	2349	2349	2349	2349	2349	2349	2349	2349	2349	2349	2349	2349	2349	2349
5	1744	1824	1874	1964	2014	2114	2142	2221	2215	2250	2190	2172	2090	1992	1941	1846	1803	1729	1704
10	1082	1144	1179	1250	1280	1352	1369	1443	1446	1503	1453	1444	1378	1292	1255	1177	1150	1093	1073
15	736	766	780	817	823	857	856	894	897	931	915	922	890	844	825	789	775	747	736
20	561	577	585	604	608	629	630	652	654	672	664	669	654	626	618	597	589	573	564
25	463	474	480	490	494	506	509	524	524	536	528	533	524	511	504	492	484	474	468
30	406	414	417	424	426	435	439	449	449	457	454	457	450	441	437	430	421	418	414
35	358	369	371	378	381	389	392	400	400	406	403	405	397	388	384	375	366	361	359
40	227	241	252	270	279	294	298	312	313	320	309	305	291	275	268	251	240	228	223
45	87.5	99.5	106	119	128	147	153	167	168	173	165	160	146	127	118	102	94.8	83.4	81.1
50	29.2	32.4	34.0	37.3	39.3	43.9	46.2	51.5	51.4	54.6	51.0	47.5	42.2	38.0	36.3	33.6	31.3	27.4	26.2
55	18.5	19.0	19.7	20.7	21.4	22.8	23.5	24.8	24.9	25.5	24.9	24.6	23.3	22.1	21.3	20.3	19.4	18.1	17.4
60	13.9	14.1	14.5	15.2	15.6	16.4	16.7	17.4	17.5	17.9	17.6	17.4	16.6	15.9	15.5	14.9	14.4	13.6	13.2
65	11.2	11.3	11.6	12.0	12.3	12.8	13.0	13.5	13.6	13.9	13.6	13.5	12.9	12.4	12.2	11.7	11.4	10.9	10.7
70	9.59	9.71	9.82	9.99	10.1	10.5	10.7	11.1	11.2	11.3	11.0	10.9	10.4	10.0	9.87	9.61	9.38	9.11	8.92
75	8.20	8.35	8.41	8.52	8.55	8.78	8.89	9.16	9.17	9.30	9.08	8.94	8.60	8.31	8.21	8.05	7.91	7.75	7.60
80	7.17	7.22	7.18	7.19	7.19	7.32	7.35	7.54	7.53	7.65	7.51	7.37	7.10	6.88	6.84	6.80	6.75	6.69	6.60
85	5.48	5.79	5.88	5.91	5.85	5.94	5.94	6.09	6.08	6.21	6.10	5.96	5.77	5.57	5.56	5.49	5.43	5.19	4.94
90	1.69	1.67	1.69	1.82	2.05	2.46	2.66	3.22	3.20	3.33	3.02	2.75	2.36	2.05	1.94	1.95	1.98	1.97	1.98
95	1.73	1.72	1.71	1.71	1.73	1.71	1.70	1.70	1.79	1.70	1.69	1.72	2.06	2.06	2.09	2.10	2.13	2.16	2.15
100	1.89	1.88	1.85	1.84	1.82	1.81	1.77	1.78	1.76	1.78	1.77	1.81	2.25	2.26	2.29	2.30	2.34	2.35	2.37
105	2.18	2.15	2.11	2.09	2.07	2.04	1.99	2.00	1.97	1.99	1.98	2.02	2.49	2.49	2.52	2.55	2.58	2.60	2.62
110	2.51	2.48	2.45	2.42	2.38	2.36	2.31	2.31	2.28	2.29	2.28	2.32	2.74	2.76	2.79	2.82	2.85	2.88	2.89
115	2.87	2.83	2.80	2.77	2.74	2.70	2.65	2.65	2.62	2.63	2.62	2.64	3.05	3.07	3.10	3.13	3.17	3.21	3.22
120	3.29	3.24	3.20	3.16	3.11	3.08	3.03	3.02	2.99	3.00	2.99	3.01	3.40	3.42	3.45	3.50	3.54	3.59	3.60
125	3.80	3.73	3.69	3.63	3.59	3.53	3.47	3.46	3.42	3.43	3.42	3.45	3.83	3.86	3.91	3.97	4.01	4.08	4.09
130	4.44	4.36	4.31	4.24	4.18	4.11	4.05	4.02	3.99	3.99	3.99	4.03	4.38	4.42	4.47	4.55	4.60	4.69	4.70
135	5.16	5.07	5.02	4.95	4.88	4.82	4.75	4.72	4.68	4.69	4.68	4.72	5.03	5.07	5.13	5.21	5.26	5.36	5.37
140	5.79	5.72	5.68	5.62	5.56	5.51	5.44	5.43	5.38	5.39	5.38	5.42	5.66	5.70	5.75	5.81	5.85	5.93	5.93
145	6.24	6.19	6.16	6.13	6.07	6.04	5.98	5.98	5.93	5.95	5.92	5.97	6.15	6.17	6.21	6.26	6.29	6.35	6.34
150	6.56	6.52	6.50	6.47	6.43	6.41	6.35	6.37	6.31	6.34	6.30	6.33	6.50	6.51	6.54	6.59	6.60	6.66	6.64
155	6.86	6.82	6.80	6.77	6.73	6.73	6.67	6.69	6.64	6.67	6.63	6.66	6.81	6.81	6.85	6.89	6.90	6.95	6.94
160	7.18	7.14	7.12	7.10	7.06	7.06	7.01	7.03	6.98	7.01	6.97	7.00	7.13	7.14	7.17	7.21	7.22	7.26	7.24
165	7.45	7.42	7.41	7.40	7.37	7.38	7.33	7.35	7.30	7.33	7.28	7.31	7.43	7.43	7.46	7.49	7.49	7.52	7.50
170	7.63	7.61	7.62	7.62	7.59	7.62	7.57	7.60	7.55	7.58	7.53	7.55	7.65	7.64	7.66	7.67	7.67	7.69	7.66
175	7.70	7.69	7.70	7.73	7.71	7.75	7.69	7.73	7.67	7.70	7.62	7.64	7.76	7.73	7.75	7.75	7.73	7.74	7.68
180	7.79	7.78	7.79	7.80	7.78	7.81	7.75	7.77	7.71	7.72	7.66	7.67	7.79	7.77	7.79	7.80	7.78	7.81	7.75

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

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:226.4V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1012.69x1 lm					
NAME:			TYPE:		WEIGHT:
DIM.:			SPEC.:		SERIAL No.:
MFR.: Rayconn			SUR.:		PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	2349	2349	2349	2349	2349														
5	1655	1658	1640	1677	1686														
10	1034	1030	1010	1030	1041														
15	716	712	701	709	715														
20	553	549	543	545	550														
25	465	459	454	453	457														
30	413	406	402	398	401														
35	348	344	337	337	343														
40	210	208	207	208	210														
45	73.4	75.1	73.4	77.6	79.2														
50	25.2	25.5	25.8	26.6	27.2														
55	16.9	17.3	17.6	18.0	18.2														
60	12.9	13.2	13.5	13.8	13.9														
65	10.6	10.7	10.9	11.1	11.2														
70	8.92	8.99	9.15	9.30	9.53														
75	7.60	7.67	7.82	7.95	8.12														
80	6.61	6.69	6.83	6.96	7.14														
85	4.73	4.78	4.83	5.10	5.33														
90	2.00	2.00	2.01	2.01	2.00														
95	2.17	2.17	2.18	2.18	2.17														
100	2.39	2.39	2.40	2.40	2.39														
105	2.65	2.64	2.65	2.65	2.64														
110	2.94	2.92	2.95	2.93	2.93														
115	3.26	3.26	3.28	3.26	3.26														
120	3.66	3.65	3.68	3.65	3.66														
125	4.16	4.15	4.19	4.15	4.15														
130	4.78	4.77	4.82	4.76	4.77														
135	5.45	5.43	5.48	5.42	5.43														
140	6.00	5.98	6.02	5.97	5.98														
145	6.40	6.37	6.41	6.35	6.37														
150	6.69	6.66	6.70	6.64	6.66														
155	6.99	6.95	6.99	6.93	6.94														
160	7.30	7.25	7.29	7.23	7.24														
165	7.54	7.50	7.53	7.47	7.49														
170	7.69	7.64	7.66	7.60	7.61														
175	7.71	7.65	7.67	7.61	7.62														
180	7.77	7.71	7.72	7.66	7.68														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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: