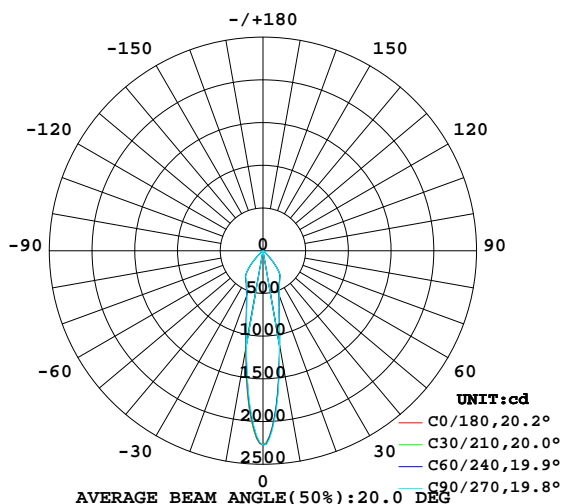


## LUMINAIRE PHOTOMETRIC TEST REPORT

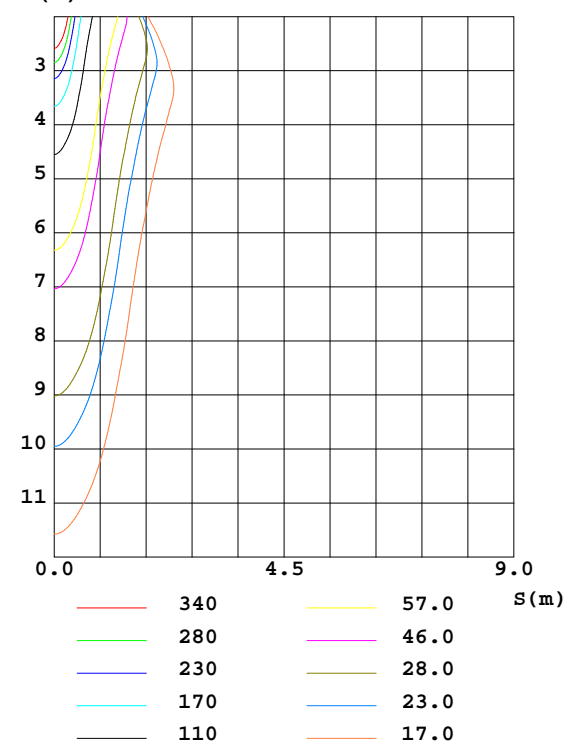
Test:U:226.4V I:0.0600A P:10.80W PF:0.7920 Lamp Flux:935.745x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 86.64 lm/W			
MODEL	M031-11W-827-S-16	Imax(cd)	2275	S/MH(C0/180)	0.33
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.33
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	935.75	η UP,DN(C0-180)	1.2,49.1
NOMINAL FLUX(lm)	935.745	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.5
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.4	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	1121	1141	1125	1178	1172	1129	1131	1088	0- 10	150.4	150.4	16.1,16.1
20	549.3	556.7	553.7	574.4	568.7	554.4	550.9	540.0	10- 20	211.9	362.3	38.7,38.7
30	388.1	392.6	396.2	405.4	403.7	401.5	393.6	383.8	20- 30	211.5	573.8	61.3,61.3
40	234.9	241.6	240.2	248.0	240.1	243.0	245.2	230.6	30- 40	209.9	783.7	83.8,83.8
50	30.13	32.01	32.85	34.82	33.11	31.87	29.93	29.87	40- 50	88.30	872.0	93.2,93.2
60	12.66	13.23	13.80	14.42	14.20	13.76	12.75	12.87	50- 60	17.48	889.5	95.1,95.1
70	8.584	8.636	8.892	9.237	8.963	8.746	8.530	8.569	60- 70	10.70	900.2	96.2,96.2
80	6.616	6.367	6.093	6.313	6.269	6.235	6.416	6.536	70- 80	7.881	908.1	97,97
90	1.533	1.550	1.533	1.517	1.764	1.781	1.770	1.782	80- 90	5.141	913.2	97.6,97.6
100	1.665	1.679	1.651	1.658	2.089	2.087	2.098	2.099	90-100	1.900	915.1	97.8,97.8
110	2.209	2.214	2.187	2.177	2.558	2.558	2.572	2.581	100-110	2.235	917.4	98,98
120	2.890	2.882	2.855	2.837	3.176	3.182	3.195	3.217	110-120	2.665	920.0	98.3,98.3
130	3.923	3.893	3.861	3.833	4.122	4.138	4.161	4.191	120-130	3.117	923.2	98.7,98.7
140	5.174	5.161	5.132	5.105	5.281	5.313	5.321	5.353	130-140	3.579	926.7	99,99
150	5.926	5.921	5.896	5.892	6.006	6.012	6.026	6.048	140-150	3.532	930.3	99.4,99.4
160	6.514	6.514	6.505	6.500	6.578	6.581	6.584	6.598	150-160	2.884	933.2	99.7,99.7
170	6.964	6.974	6.963	6.968	7.011	7.002	7.013	7.007	160-170	1.919	935.1	99.9,99.9
180	7.088	7.098	7.087	7.087	7.093	7.098	7.087	7.087	170-180	0.6712	935.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

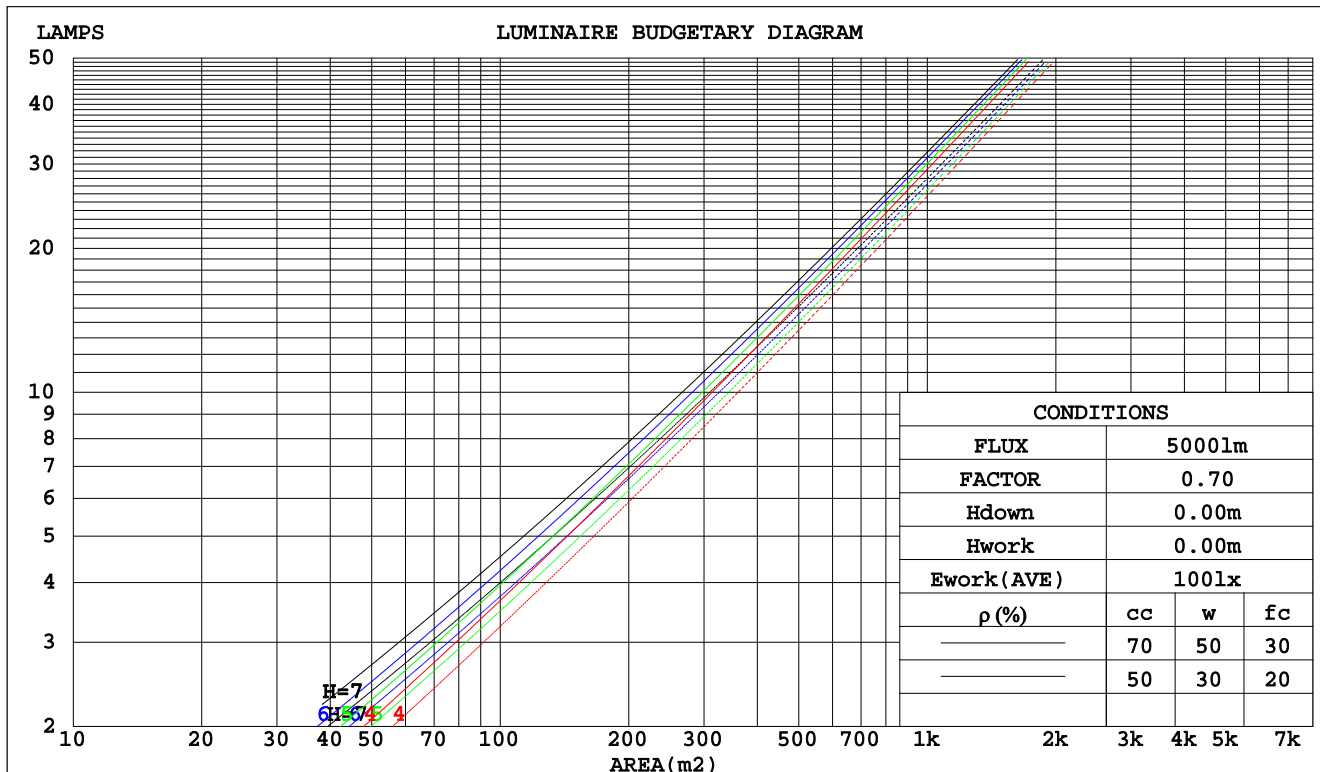
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

$\gamma$  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:10.80W PF:0.7920 Lamp Flux:935.745x1 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	.95	.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	.85	.92	.88	.84	.89	.85	.82	.87	.83	.81	.84	.81	.79	.77
4.0	.88	.82	.77	.86	.81	.77	.84	.79	.76	.82	.78	.75	.79	.76	.73	.72
5.0	.82	.76	.71	.81	.75	.71	.79	.74	.70	.77	.73	.69	.75	.71	.68	.67
6.0	.77	.71	.66	.76	.70	.66	.74	.69	.65	.72	.68	.65	.71	.67	.64	.62
7.0	.72	.66	.62	.71	.66	.61	.70	.65	.61	.68	.64	.60	.67	.63	.60	.59
8.0	.68	.62	.58	.67	.62	.58	.66	.61	.57	.65	.60	.57	.64	.60	.56	.55
9.0	.64	.58	.54	.64	.58	.54	.63	.57	.54	.62	.57	.54	.61	.56	.53	.52
10.0	.61	.55	.51	.61	.55	.51	.60	.54	.51	.59	.54	.51	.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:10.80W PF:0.7920 Lamp Flux:935.745x1 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	.185	.106	.034	.171	.098	.031	.158	.091	.029	.146	.085	.027		
2.0	.182	.100	.031	.176	.097	.030	.164	.091	.028	.153	.086	.027	.143	.081	.025		
3.0	.172	.092	.027	.167	.089	.027	.156	.085	.026	.147	.080	.025	.138	.076	.024		
4.0	.163	.085	.025	.158	.083	.024	.149	.079	.024	.141	.076	.023	.133	.072	.022		
5.0	.154	.079	.023	.150	.077	.022	.142	.074	.022	.135	.071	.021	.128	.068	.021		
6.0	.146	.073	.021	.143	.072	.021	.136	.069	.020	.129	.067	.020	.123	.065	.019		
7.0	.139	.069	.019	.136	.068	.019	.129	.065	.019	.124	.063	.018	.118	.061	.018		
8.0	.132	.065	.018	.129	.064	.018	.124	.062	.018	.118	.060	.017	.113	.058	.017		
9.0	.126	.061	.017	.124	.060	.017	.119	.059	.017	.114	.057	.016	.109	.055	.016		
10.0	.121	.058	.016	.118	.057	.016	.114	.056	.016	.109	.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	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022		
1.0	.191	.176	.162	.163	.151	.140	.112	.104	.096	.064	.060	.056	.021	.019	.018		
2.0	.176	.151	.130	.151	.130	.112	.103	.090	.078	.060	.052	.046	.019	.017	.015		
3.0	.164	.132	.107	.141	.114	.093	.097	.079	.065	.056	.046	.038	.018	.015	.013		
4.0	.154	.118	.090	.132	.102	.078	.091	.071	.055	.053	.042	.033	.017	.014	.011		
5.0	.146	.106	.077	.125	.092	.067	.086	.064	.048	.050	.038	.028	.016	.012	.009		
6.0	.138	.097	.068	.119	.084	.059	.082	.059	.042	.048	.035	.025	.015	.011	.008		
7.0	.132	.090	.060	.113	.078	.053	.078	.055	.037	.046	.032	.022	.015	.011	.007		
8.0	.126	.084	.054	.108	.073	.047	.075	.051	.034	.044	.030	.020	.014	.010	.007		
9.0	.121	.078	.050	.104	.068	.043	.072	.048	.031	.042	.028	.018	.014	.009	.006		
10.0	.116	.074	.046	.100	.064	.040	.069	.045	.029	.040	.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:10.80W PF:0.7920 Lamp Flux:935.745x1 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	24.3	25.2	24.5	25.5	25.7
	3H	24.2	25.0	24.5	25.3	25.5	24.2	25.1	24.5	25.4	25.6
	4H	24.2	25.0	24.5	25.3	25.6	24.3	25.1	24.6	25.4	25.6
	6H	24.3	25.1	24.6	25.3	25.6	24.3	25.1	24.7	25.4	25.7
	8H	24.4	25.1	24.7	25.4	25.7	24.4	25.2	24.7	25.5	25.8
	12H	24.5	25.2	24.9	25.5	25.9	24.5	25.2	24.8	25.5	25.9
4H	2H	24.0	24.8	24.3	25.1	25.4	24.1	24.9	24.4	25.2	25.4
	3H	24.0	24.7	24.4	25.0	25.4	24.1	24.8	24.5	25.1	25.5
	4H	24.1	24.8	24.5	25.1	25.5	24.2	24.8	24.6	25.2	25.5
	6H	24.3	24.9	24.7	25.3	25.7	24.3	24.9	24.8	25.3	25.7
	8H	24.5	25.0	24.9	25.4	25.8	24.5	25.0	24.9	25.4	25.8
	12H	24.7	25.2	25.2	25.7	26.1	24.7	25.2	25.1	25.6	26.0
8H	4H	24.1	24.6	24.5	25.0	25.4	24.1	24.7	24.6	25.1	25.5
	6H	24.4	24.8	24.9	25.3	25.7	24.4	24.9	24.9	25.3	25.8
	8H	24.7	25.1	25.2	25.5	26.0	24.7	25.1	25.2	25.5	26.0
	12H	25.1	25.5	25.6	25.9	26.5	25.0	25.3	25.5	25.8	26.3
12H	4H	24.0	24.5	24.5	25.0	25.4	24.1	24.6	24.6	25.0	25.5
	6H	24.4	24.8	24.9	25.3	25.8	24.5	24.8	24.9	25.3	25.8
	8H	24.8	25.1	25.3	25.6	26.1	24.7	25.1	25.3	25.6	26.1
Variations with the observer position at spacings:											
S = 1.0H	+ 1.9 / - 3.8					+ 2.0 / - 3.9					
1.5H	+ 3.9 / - 3.8					+ 4.0 / - 3.9					
2.0H	+ 4.2 / - 1.0					+ 4.4 / - 1.1					

CIE Pub.117 Corrected 935.7 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.2)

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:10.80W PF:0.7920 Lamp Flux:935.745x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

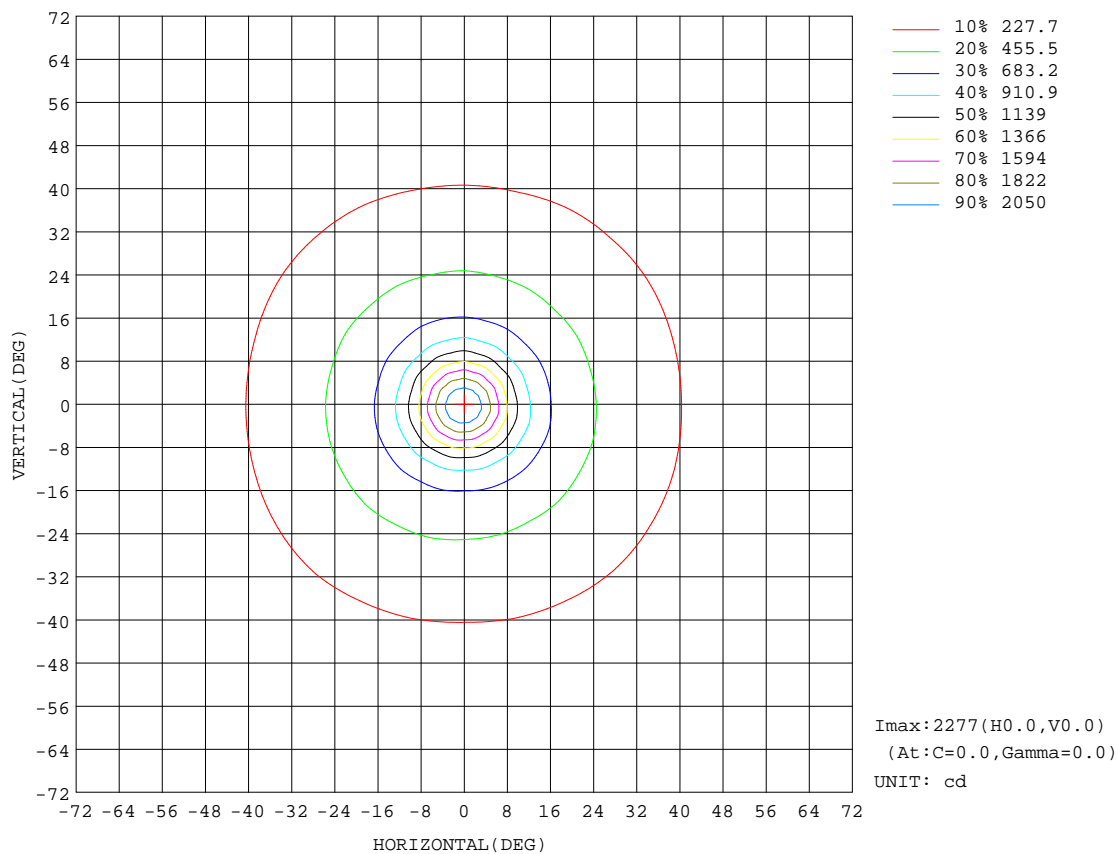
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	81	74	70	81	74	70	80	73	70	65
0.80	90	83	78	89	82	78	87	81	78	73
1.00	95	88	84	94	88	84	92	88	83	78
1.25	99	93	89	98	93	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	95	89
2.50	108	103	100	106	102	99	102	99	97	90
3.00	110	106	102	108	104	101	104	101	99	91
4.00	112	109	106	110	107	104	105	103	101	93
5.00	113	111	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:10.80W PF:0.7920 Lamp Flux:935.745x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



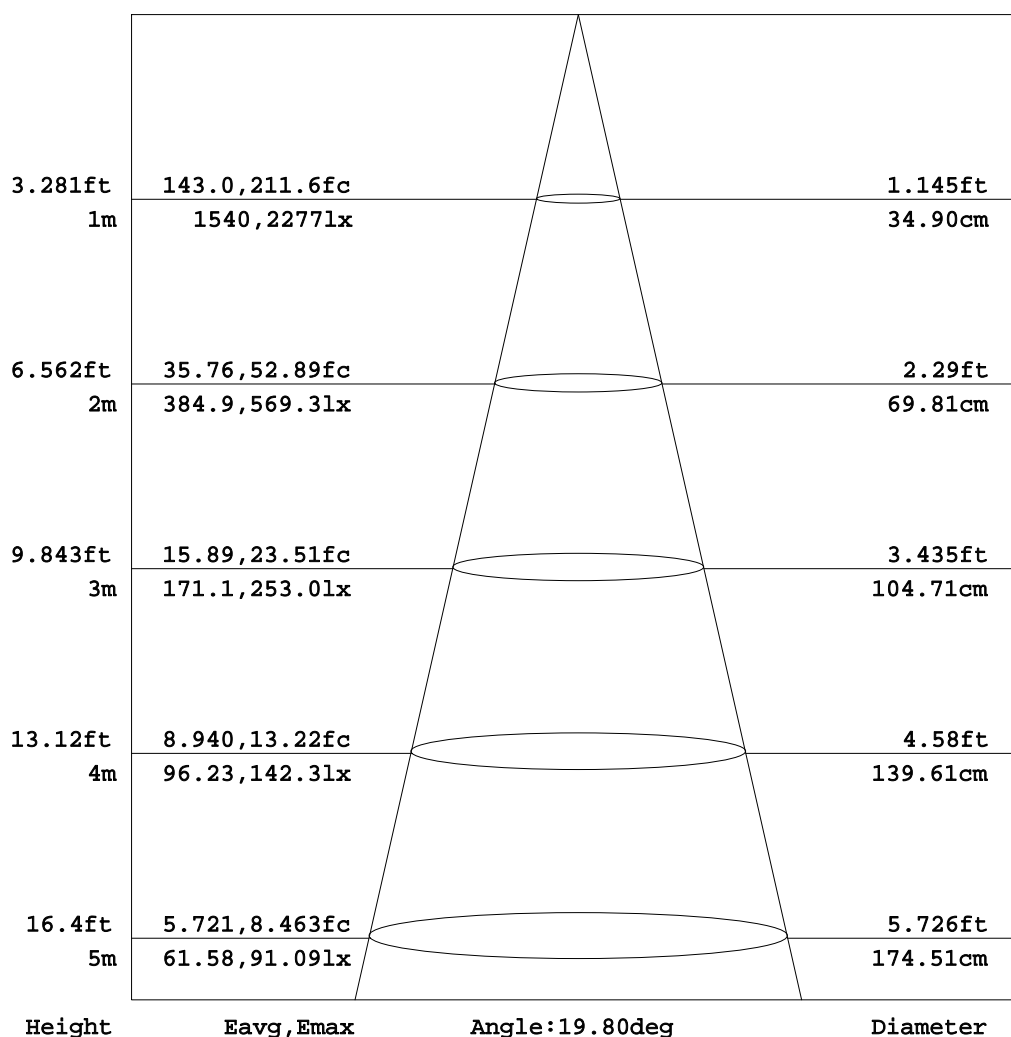
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:10.80W PF:0.7920 Lamp Flux:935.745x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:150.4 lm



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

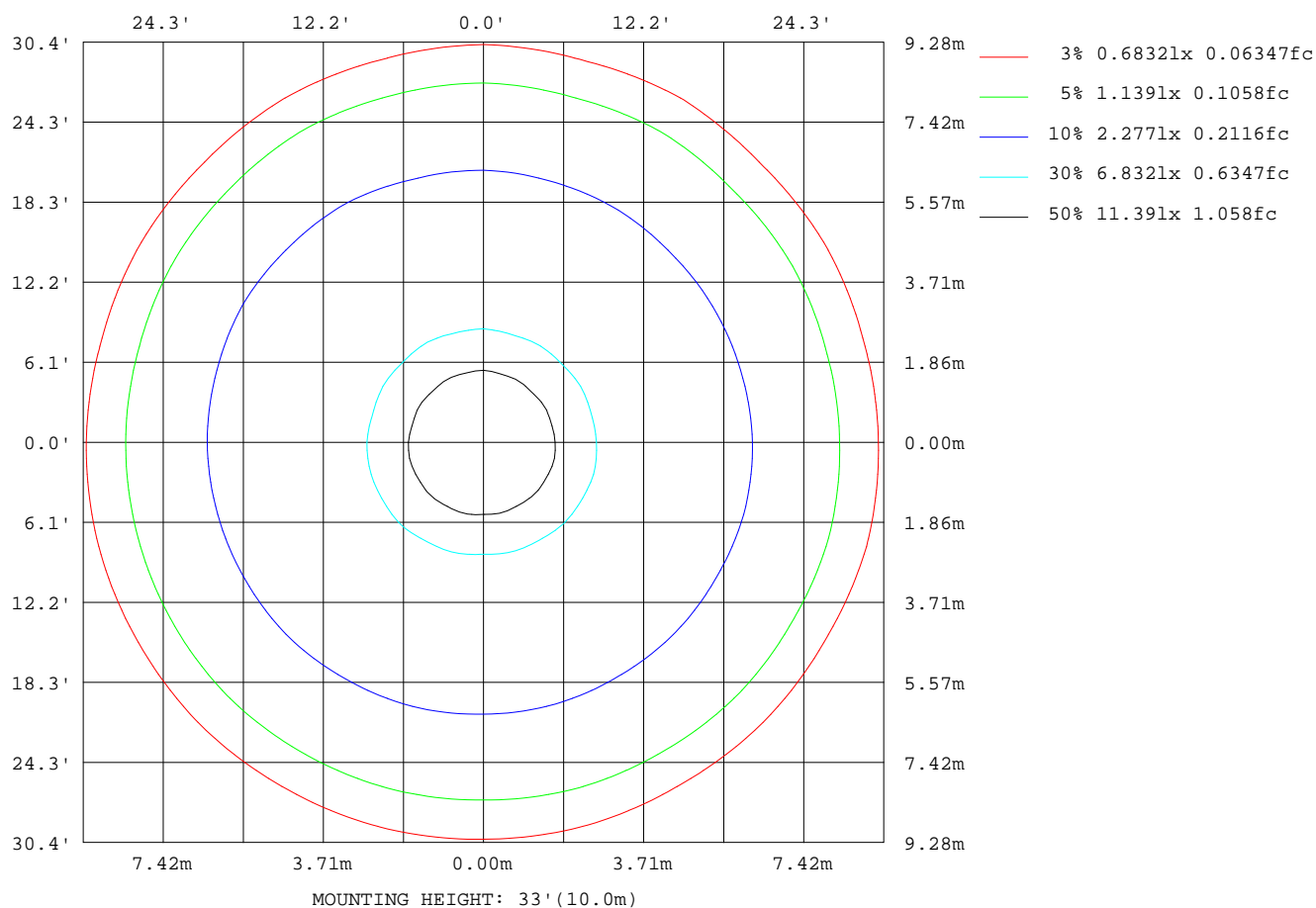
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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

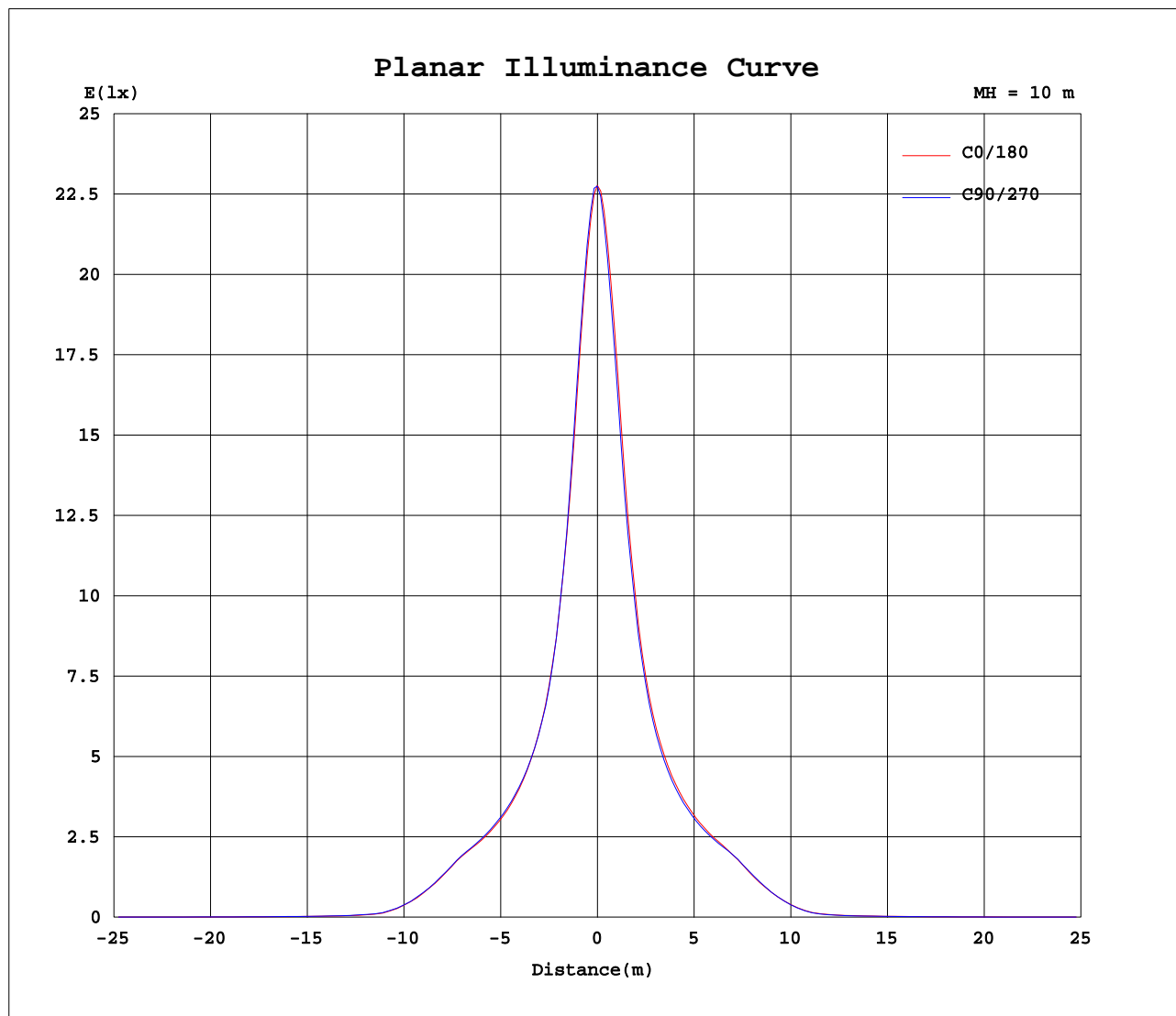
Test:U:226.4V I:0.0600A P:10.80W PF:0.7920 Lamp Flux:935.745x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:10.80W PF:0.7920 Lamp Flux:935.745x1 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	2275	2275	2275	2275	2275	2275	2275	2275	2275	2275	2275	2275	2275	2275	2275	2275	2275	2275	2275
5	1801	1823	1808	1839	1822	1850	1838	1872	1858	1880	1862	1876	1857	1820	1837	1801	1812	1780	1795
10	1121	1141	1127	1141	1123	1136	1125	1153	1148	1178	1167	1186	1172	1145	1154	1129	1141	1119	1131
15	734	749	741	746	732	738	728	747	746	767	761	768	762	746	752	741	751	735	739
20	549	557	553	557	550	555	554	564	563	574	571	572	569	562	561	554	559	550	551
25	447	451	449	453	450	455	457	463	463	469	466	467	465	461	462	456	456	452	452
30	388	391	390	393	392	396	396	401	401	405	403	405	404	404	404	401	399	396	394
35	346	348	345	347	347	351	350	355	352	355	352	353	352	354	357	354	357	354	353
40	235	241	238	242	241	242	240	244	246	248	246	242	240	238	243	243	249	243	245
45	106	107	103	103	103	109	109	115	112	119	114	114	112	104	107	102	107	104	109
50	30.1	30.6	30.8	32.0	31.8	32.8	32.9	33.6	33.6	34.8	34.4	34.0	33.1	32.0	32.6	31.9	31.6	29.6	29.9
55	17.2	17.4	17.5	18.2	18.3	19.0	19.2	19.6	19.5	20.0	19.9	20.0	19.6	19.2	19.2	18.8	18.6	17.8	17.5
60	12.7	12.8	12.9	13.2	13.4	13.7	13.8	14.1	14.2	14.4	14.4	14.5	14.2	14.0	14.0	13.8	13.6	13.0	12.8
65	10.1	10.2	10.3	10.4	10.5	10.8	10.8	11.1	11.2	11.4	11.3	11.3	11.0	10.9	10.9	10.8	10.7	10.4	10.2
70	8.58	8.63	8.58	8.64	8.69	8.84	8.89	9.08	9.13	9.24	9.19	9.11	8.96	8.83	8.81	8.75	8.75	8.61	8.53
75	7.43	7.44	7.39	7.38	7.34	7.37	7.36	7.47	7.48	7.60	7.61	7.55	7.45	7.35	7.32	7.31	7.38	7.33	7.28
80	6.62	6.55	6.44	6.37	6.24	6.17	6.09	6.13	6.16	6.31	6.39	6.31	6.27	6.18	6.18	6.24	6.34	6.42	6.42
85	5.53	5.58	5.45	5.32	5.12	5.01	4.90	4.94	4.98	5.15	5.25	5.17	5.16	5.04	5.08	5.15	5.29	5.26	5.27
90	1.53	1.52	1.54	1.55	1.55	1.54	1.53	1.53	1.53	1.52	1.56	1.52	1.76	1.77	1.76	1.78	1.78	1.78	1.77
95	1.54	1.55	1.53	1.56	1.55	1.54	1.55	1.55	1.54	1.55	1.56	1.55	1.90	1.89	1.90	1.90	1.91	1.90	1.91
100	1.67	1.67	1.66	1.68	1.67	1.67	1.65	1.66	1.65	1.66	1.66	1.66	2.09	2.08	2.09	2.09	2.10	2.08	2.10
105	1.91	1.91	1.90	1.92	1.90	1.90	1.89	1.89	1.88	1.88	1.89	1.88	2.31	2.30	2.31	2.31	2.32	2.31	2.32
110	2.21	2.21	2.20	2.21	2.20	2.19	2.19	2.19	2.17	2.18	2.18	2.18	2.56	2.55	2.55	2.56	2.57	2.56	2.57
115	2.53	2.53	2.52	2.53	2.51	2.52	2.50	2.50	2.49	2.49	2.49	2.49	2.84	2.83	2.84	2.84	2.85	2.85	2.86
120	2.89	2.89	2.88	2.88	2.87	2.87	2.86	2.85	2.84	2.84	2.84	2.83	3.18	3.17	3.18	3.18	3.19	3.19	3.20
125	3.34	3.33	3.34	3.33	3.32	3.30	3.30	3.29	3.28	3.27	3.28	3.27	3.59	3.60	3.60	3.61	3.61	3.62	3.63
130	3.92	3.91	3.91	3.89	3.89	3.87	3.86	3.85	3.85	3.83	3.85	3.83	4.12	4.13	4.12	4.14	4.14	4.16	4.16
135	4.58	4.57	4.57	4.55	4.54	4.53	4.53	4.51	4.50	4.49	4.50	4.49	4.73	4.73	4.73	4.75	4.75	4.77	4.77
140	5.17	5.16	5.16	5.16	5.15	5.14	5.13	5.12	5.11	5.11	5.11	5.10	5.28	5.29	5.29	5.31	5.31	5.33	5.32
145	5.62	5.62	5.61	5.61	5.60	5.60	5.59	5.59	5.57	5.57	5.57	5.56	5.70	5.71	5.71	5.72	5.72	5.75	5.73
150	5.93	5.92	5.92	5.92	5.90	5.91	5.90	5.90	5.88	5.89	5.88	5.88	6.01	6.00	6.01	6.01	6.02	6.03	6.03
155	6.21	6.21	6.20	6.21	6.19	6.20	6.19	6.19	6.18	6.19	6.18	6.18	6.28	6.29	6.28	6.29	6.29	6.30	6.29
160	6.51	6.52	6.51	6.51	6.51	6.52	6.51	6.51	6.50	6.50	6.49	6.50	6.58	6.57	6.57	6.58	6.58	6.59	6.58
165	6.78	6.79	6.78	6.79	6.78	6.79	6.78	6.78	6.77	6.78	6.76	6.77	6.84	6.83	6.83	6.83	6.83	6.84	6.84
170	6.96	6.97	6.97	6.97	6.96	6.98	6.96	6.98	6.96	6.97	6.95	6.96	7.01	7.01	7.01	7.00	7.01	7.01	7.01
175	7.03	7.04	7.03	7.04	7.04	7.05	7.04	7.04	7.03	7.03	7.02	7.02	7.07	7.07	7.07	7.06	7.07	7.06	7.06
180	7.09	7.10	7.09	7.10	7.09	7.10	7.09	7.09	7.08	7.09	7.08	7.08	7.09	7.10	7.09	7.10	7.09	7.10	7.09

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:10.80W PF:0.7920 Lamp Flux:935.745x1 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	2275	2275	2275	2275	2275														
5	1768	1783	1764	1791	1772														
10	1103	1111	1088	1109	1101														
15	723	728	719	730	725														
20	544	545	540	548	544														
25	446	445	441	443	443														
30	391	388	384	384	385														
35	346	345	341	343	343														
40	236	240	231	235	234														
45	105	108	102	106	102														
50	29.5	30.1	29.9	30.7	29.8														
55	17.2	17.4	17.1	17.5	17.2														
60	12.6	12.8	12.9	13.1	12.8														
65	10.1	10.2	10.3	10.5	10.3														
70	8.49	8.52	8.57	8.74	8.68														
75	7.26	7.28	7.32	7.43	7.46														
80	6.43	6.46	6.54	6.65	6.68														
85	5.20	5.27	5.31	5.53	5.56														
90	1.78	1.77	1.78	1.80	1.79														
95	1.90	1.91	1.91	1.93	1.91														
100	2.09	2.10	2.10	2.12	2.09														
105	2.32	2.33	2.32	2.34	2.33														
110	2.57	2.58	2.58	2.59	2.58														
115	2.87	2.86	2.87	2.88	2.87														
120	3.20	3.21	3.22	3.22	3.22														
125	3.65	3.64	3.65	3.65	3.65														
130	4.18	4.17	4.19	4.19	4.19														
135	4.79	4.78	4.80	4.79	4.80														
140	5.34	5.34	5.35	5.35	5.35														
145	5.75	5.75	5.75	5.75	5.75														
150	6.05	6.03	6.05	6.04	6.05														
155	6.30	6.30	6.31	6.30	6.31														
160	6.59	6.59	6.60	6.58	6.58														
165	6.84	6.84	6.84	6.84	6.83														
170	7.01	7.01	7.01	7.00	6.99														
175	7.06	7.05	7.06	7.05	7.05														
180	7.09	7.08	7.09	7.08	7.08														

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: