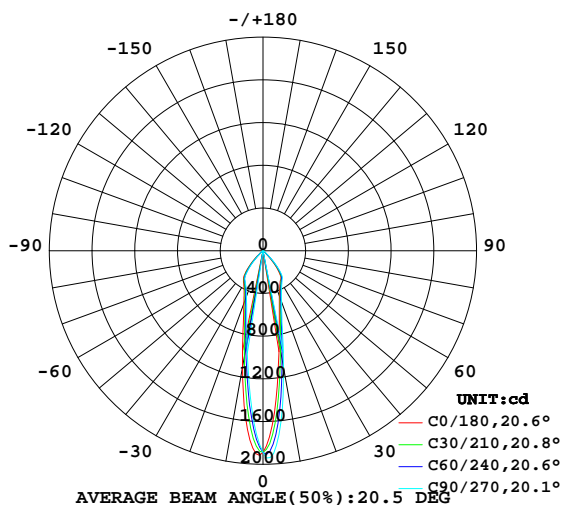


## LUMINAIRE PHOTOMETRIC TEST REPORT

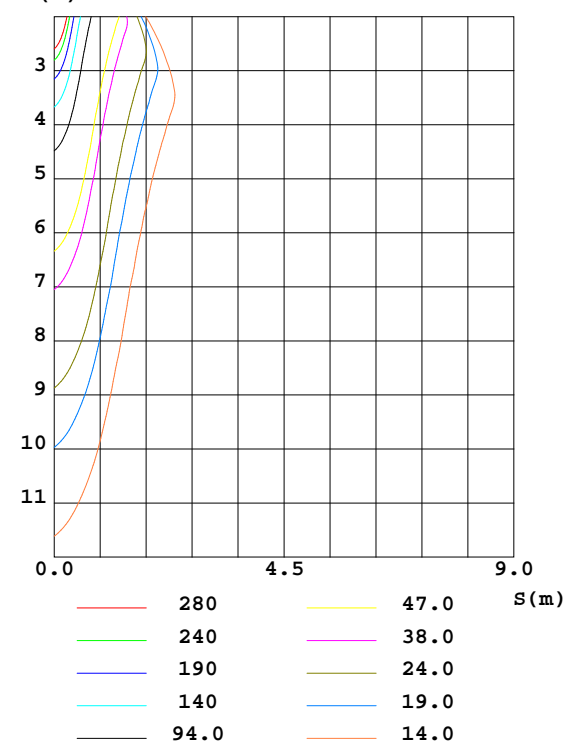
Test:U:226.5V I:0.0440A P:8.460W PF:0.8410 Lamp Flux:816.182x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 96.48 lm/W			
MODEL	M021-9W-840-S-16	Imax(cd)	1973	S/MH(C0/180)	0.31
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.39
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	816.18	η UP,DN(C0-180)	1.1,51.7
NOMINAL FLUX(lm)	816.182	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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	871.8	1008	1109	1204	1107	947.2	865.8	814.0	0- 10	128.9	128.9	15.8,15.8
20	450.8	486.6	509.0	541.8	526.5	481.3	455.2	437.9	10- 20	185.6	314.4	38.5,38.5
30	326.5	341.3	354.4	368.1	361.4	346.3	334.4	323.8	20- 30	184.5	498.9	61.1,61.1
40	182.4	217.4	240.7	257.9	233.9	202.7	180.2	167.0	30- 40	182.2	681.2	83.5,83.5
50	23.56	30.20	37.29	44.07	34.04	27.01	21.09	20.77	40- 50	77.96	759.1	93,93
60	11.17	12.24	13.45	14.41	13.36	11.99	10.61	10.83	50- 60	16.05	775.2	95,95
70	7.696	8.032	8.571	9.112	8.365	7.717	7.175	7.341	60- 70	9.744	784.9	96.2,96.2
80	5.755	5.755	5.905	6.135	5.685	5.436	5.278	5.483	70- 80	7.149	792.1	97,97
90	1.320	1.418	2.104	2.629	1.864	1.530	1.558	1.567	80- 90	4.490	796.6	97.6,97.6
100	1.473	1.442	1.380	1.399	1.768	1.815	1.871	1.897	90-100	1.675	798.2	97.8,97.8
110	1.965	1.909	1.816	1.802	2.165	2.221	2.297	2.321	100-110	1.938	800.2	98,98
120	2.589	2.495	2.401	2.371	2.684	2.772	2.865	2.913	110-120	2.315	802.5	98.3,98.3
130	3.529	3.378	3.224	3.168	3.480	3.628	3.758	3.831	120-130	2.715	805.2	98.7,98.7
140	4.597	4.491	4.341	4.297	4.508	4.634	4.749	4.792	130-140	3.115	808.3	99,99
150	5.216	5.169	5.079	5.058	5.189	5.250	5.324	5.343	140-150	3.076	811.4	99.4,99.4
160	5.727	5.683	5.613	5.604	5.696	5.756	5.809	5.814	150-160	2.517	813.9	99.7,99.7
170	6.087	6.098	6.070	6.070	6.116	6.149	6.143	6.128	160-170	1.675	815.6	99.9,99.9
180	6.230	6.238	6.217	6.184	6.223	6.240	6.219	6.187	170-180	0.5867	816.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

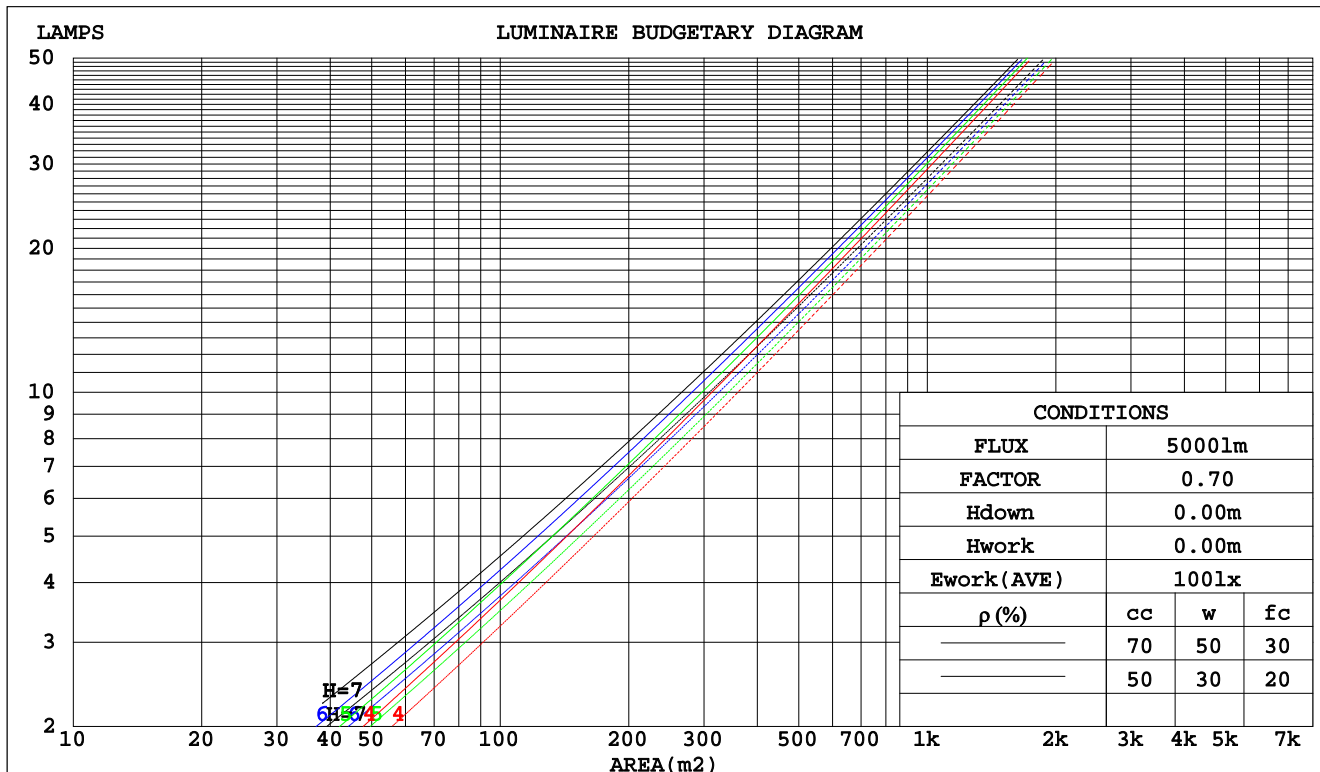
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:226.5V I:0.0440A P:8.460W PF:0.8410 Lamp Flux:816.182x1 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	.88	.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	.62	.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:226.5V I:0.0440A P:8.460W PF:0.8410 Lamp Flux:816.182x1 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	.019	.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	.110	.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	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022		
1.0	.191	.176	.162	.163	.151	.139	.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	.133	.102	.078	.091	.071	.055	.053	.042	.033	.017	.014	.011		
5.0	.146	.106	.077	.125	.092	.067	.086	.064	.047	.050	.038	.028	.016	.012	.009		
6.0	.139	.097	.068	.119	.084	.059	.082	.059	.042	.048	.035	.025	.015	.011	.008		
7.0	.132	.090	.060	.114	.078	.052	.078	.055	.037	.046	.032	.022	.015	.011	.007		
8.0	.126	.084	.054	.109	.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	.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:226.5V I:0.0440A P:8.460W PF:0.8410 Lamp Flux:816.182x1 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	23.5	24.5	23.8	24.7	24.9	24.4	25.4	24.6	25.6	25.8
	3H	23.5	24.4	23.8	24.6	24.9	24.4	25.2	24.7	25.5	25.7
	4H	23.5	24.4	23.8	24.6	24.9	24.4	25.2	24.7	25.5	25.8
	6H	23.6	24.4	24.0	24.7	25.0	24.4	25.2	24.8	25.5	25.8
	8H	23.7	24.5	24.1	24.8	25.1	24.5	25.3	24.9	25.6	25.9
	12H	23.8	24.6	24.2	24.9	25.2	24.6	25.3	25.0	25.7	26.0
4H	2H	23.3	24.1	23.6	24.4	24.7	24.2	25.0	24.5	25.3	25.6
	3H	23.4	24.1	23.7	24.4	24.7	24.2	24.9	24.6	25.2	25.6
	4H	23.5	24.1	23.9	24.5	24.8	24.3	25.0	24.7	25.3	25.7
	6H	23.7	24.3	24.1	24.7	25.1	24.5	25.1	24.9	25.4	25.8
	8H	23.9	24.4	24.3	24.8	25.2	24.6	25.1	25.0	25.5	26.0
	12H	24.1	24.6	24.6	25.0	25.5	24.8	25.3	25.3	25.7	26.2
8H	4H	23.5	24.0	23.9	24.4	24.8	24.2	24.8	24.7	25.2	25.6
	6H	23.8	24.3	24.3	24.7	25.2	24.5	25.0	25.0	25.4	25.9
	8H	24.1	24.5	24.6	25.0	25.5	24.8	25.2	25.3	25.6	26.1
	12H	24.5	24.9	25.0	25.3	25.9	25.1	25.4	25.6	25.9	26.4
12H	4H	23.4	23.9	23.9	24.4	24.8	24.2	24.7	24.7	25.1	25.6
	6H	23.9	24.2	24.3	24.7	25.2	24.5	24.9	25.0	25.4	25.9
	8H	24.2	24.6	24.7	25.0	25.6	24.8	25.2	25.3	25.7	26.2
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 / - 4.2					
2.0H	+ 2.9 / - 0.8					+ 5.0 / - 1.6					

CIE Pub.117 Corrected 816.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.7)

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:226.5V I:0.0440A P:8.460W PF:0.8410 Lamp Flux:816.182x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

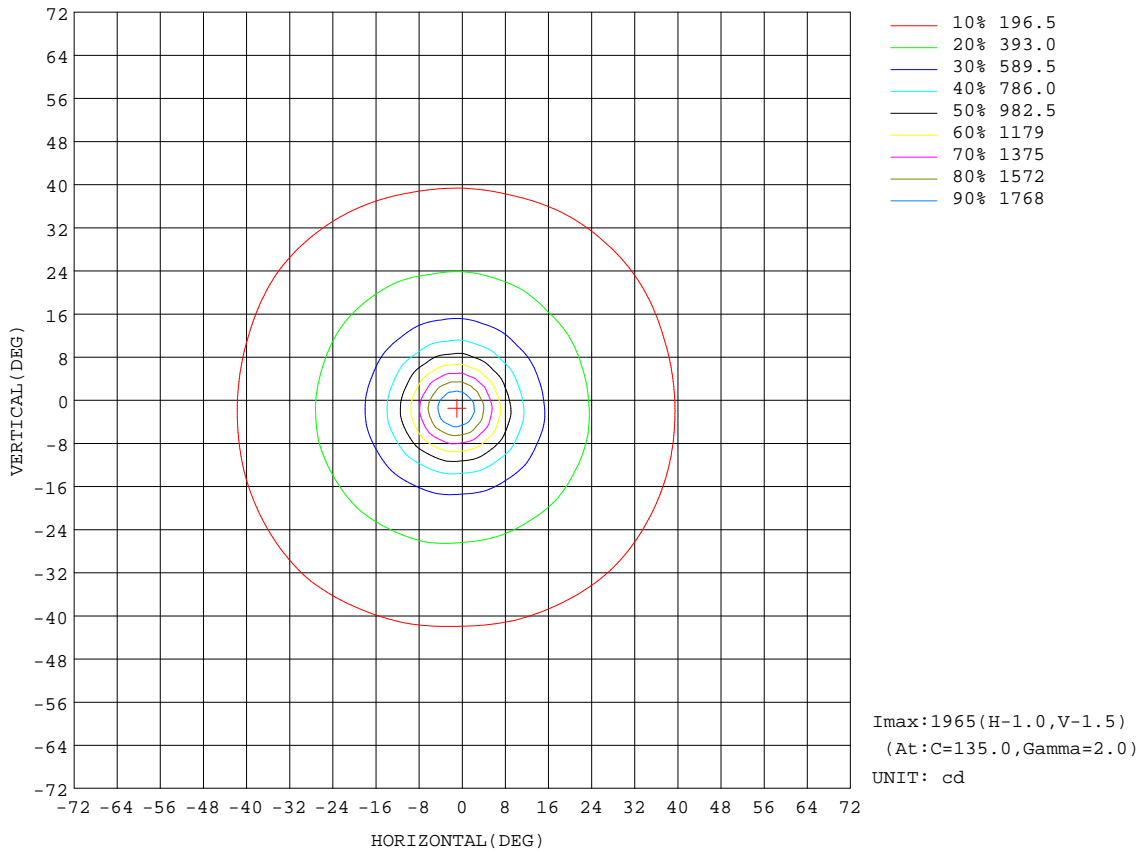
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	81	74	70	81	74	70	80	73	69	65
0.80	89	82	78	89	82	78	87	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	97	90
3.00	110	106	102	107	104	101	104	101	99	91
4.00	112	109	106	110	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:226.5V I:0.0440A P:8.460W PF:0.8410 Lamp Flux:816.182x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



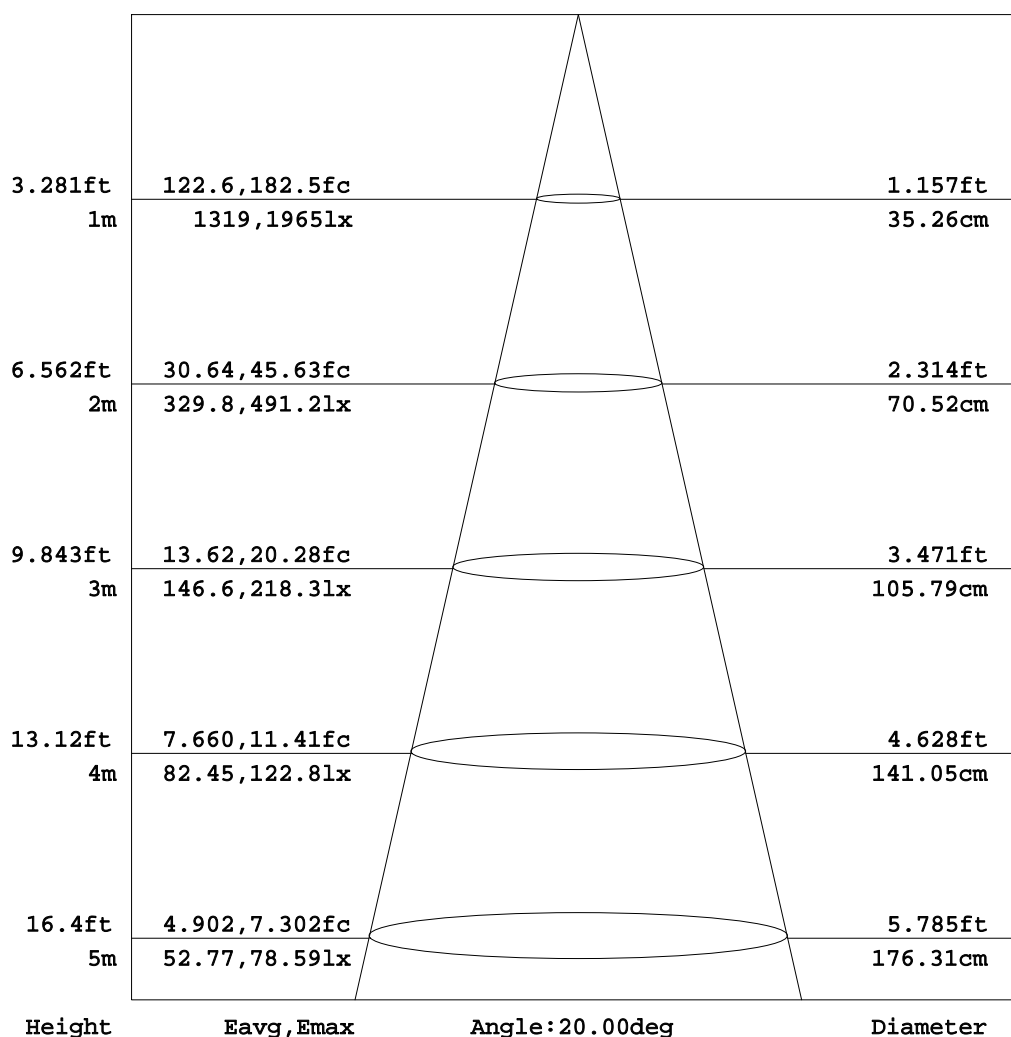
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:226.5V I:0.0440A P:8.460W PF:0.8410 Lamp Flux:816.182x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:128.9 lm



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

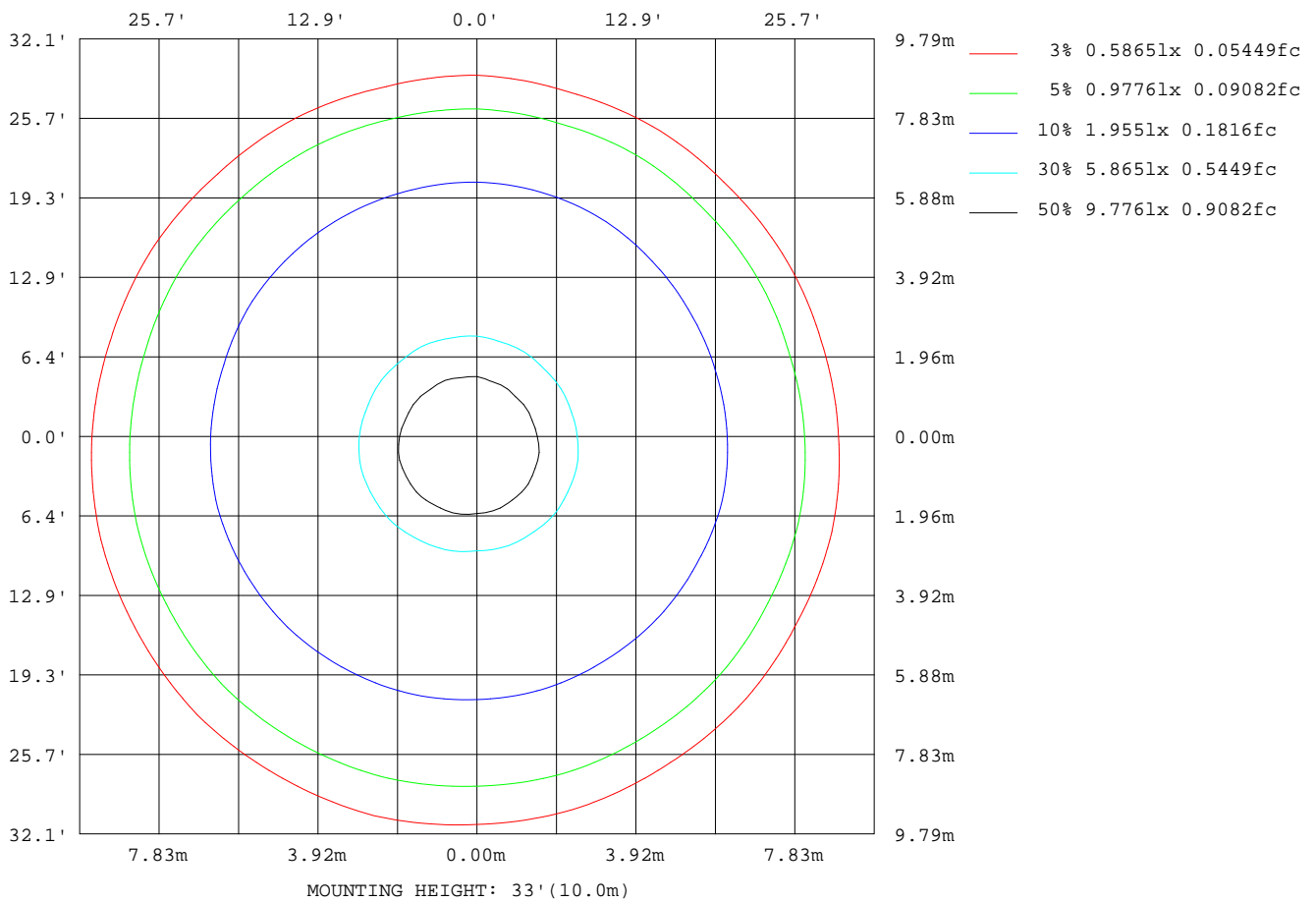
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

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

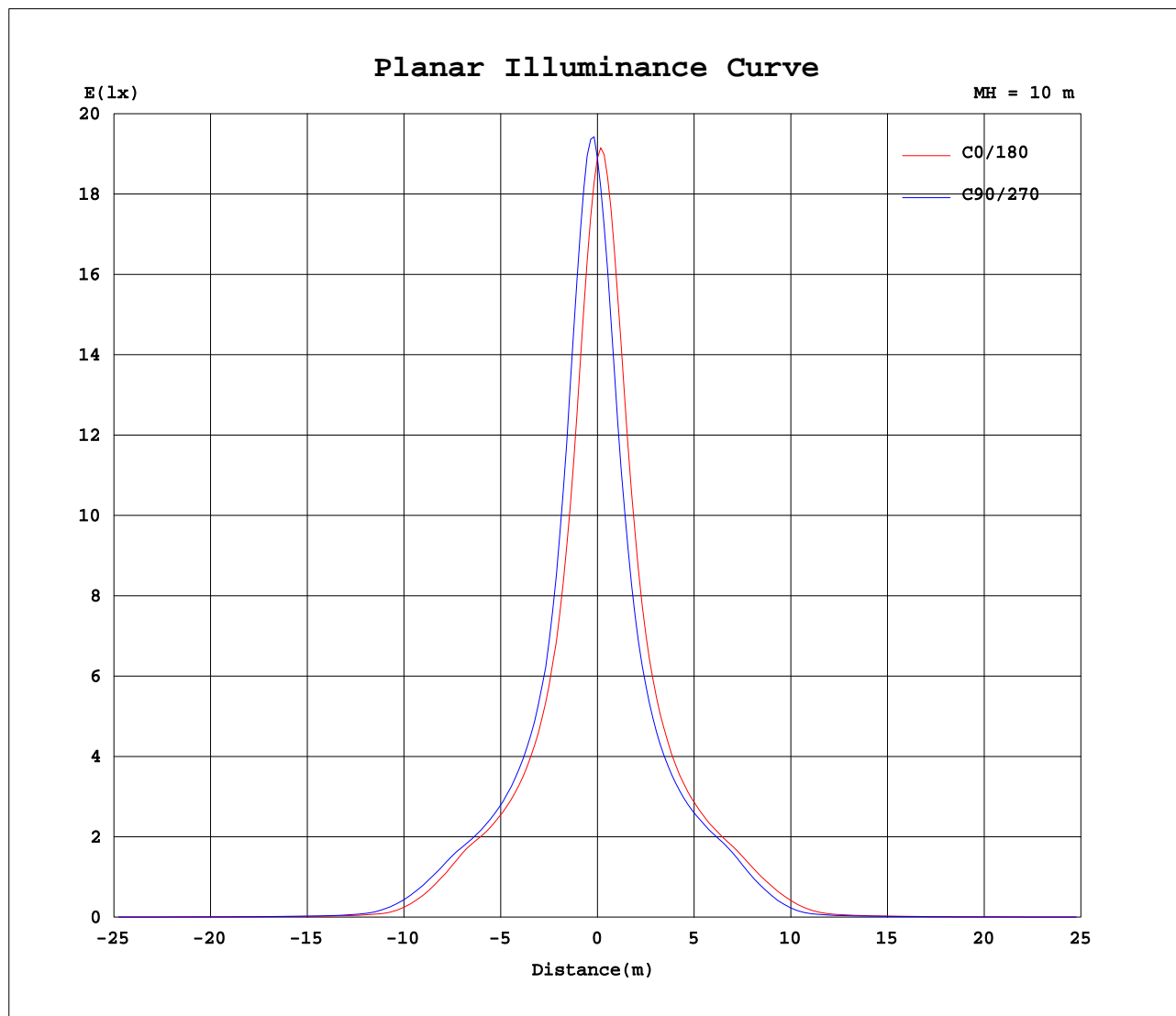
Test:U:226.5V I:0.0440A P:8.460W PF:0.8410 Lamp Flux:816.182x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:226.5V I:0.0440A P:8.460W PF:0.8410 Lamp Flux:816.182x1 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	1888	1888	1888	1888	1888	1888	1888	1888	1888	1888	1888	1888	1888	1888	1888	1888	1888	1888	1888
5	1403	1467	1508	1584	1620	1703	1726	1797	1778	1812	1761	1746	1679	1604	1555	1487	1451	1389	1373
10	872	923	948	1008	1032	1090	1109	1167	1167	1204	1171	1161	1107	1040	1009	947	927	883	866
15	592	617	629	658	668	692	688	723	723	751	739	743	717	685	664	636	625	603	593
20	451	465	472	487	491	507	509	527	528	542	536	539	527	505	498	481	474	463	455
25	372	381	385	395	398	409	412	423	423	432	426	430	421	411	405	397	390	382	378
30	327	334	336	341	343	351	354	363	362	368	366	368	361	355	352	346	340	337	334
35	288	298	299	304	307	314	316	324	323	327	325	327	320	313	310	302	296	291	290
40	182	195	203	217	225	237	241	252	252	258	250	246	234	222	215	203	194	185	180
45	70.9	80.4	85.2	96.4	104	117	124	137	136	141	133	129	118	103	95.0	82.0	76.4	69.0	65.3
50	23.6	26.2	27.5	30.2	31.8	35.6	37.3	41.6	41.6	44.1	41.2	38.4	34.0	30.6	29.2	27.0	25.3	22.1	21.1
55	14.9	15.3	15.8	16.7	17.3	18.4	19.0	20.0	20.1	20.5	20.1	19.8	18.8	17.8	17.1	16.3	15.6	14.6	14.0
60	11.2	11.3	11.7	12.2	12.6	13.2	13.4	14.1	14.1	14.4	14.2	14.0	13.4	12.8	12.5	12.0	11.6	11.0	10.6
65	8.96	9.12	9.30	9.68	9.86	10.3	10.5	10.9	10.9	11.2	11.0	10.9	10.4	9.99	9.78	9.45	9.17	8.80	8.59
70	7.70	7.82	7.90	8.03	8.13	8.44	8.57	8.92	8.97	9.11	8.89	8.74	8.36	8.09	7.93	7.72	7.54	7.32	7.18
75	6.58	6.70	6.74	6.83	6.86	7.06	7.16	7.38	7.37	7.47	7.30	7.17	6.89	6.69	6.58	6.45	6.34	6.22	6.10
80	5.75	5.78	5.75	5.76	5.77	5.88	5.90	6.06	6.04	6.14	6.04	5.91	5.69	5.51	5.47	5.44	5.41	5.37	5.28
85	4.35	4.64	4.68	4.71	4.68	4.76	4.75	4.88	4.86	4.96	4.88	4.76	4.60	4.44	4.43	4.38	4.33	4.13	3.94
90	1.32	1.31	1.32	1.42	1.62	1.94	2.10	2.54	2.54	2.63	2.39	2.18	1.86	1.61	1.52	1.53	1.56	1.56	1.56
95	1.33	1.35	1.32	1.33	1.35	1.34	1.35	1.33	1.31	1.32	1.32	1.34	1.61	1.61	1.64	1.64	1.68	1.68	1.69
100	1.47	1.47	1.44	1.44	1.43	1.42	1.38	1.40	1.37	1.40	1.38	1.42	1.77	1.77	1.80	1.82	1.84	1.86	1.87
105	1.71	1.69	1.66	1.65	1.62	1.60	1.57	1.58	1.55	1.56	1.55	1.59	1.95	1.97	1.99	2.00	2.04	2.05	2.07
110	1.97	1.96	1.92	1.91	1.89	1.86	1.82	1.82	1.78	1.80	1.80	1.83	2.16	2.18	2.20	2.22	2.25	2.27	2.30
115	2.26	2.24	2.21	2.19	2.16	2.14	2.10	2.10	2.06	2.08	2.06	2.09	2.40	2.42	2.45	2.47	2.51	2.53	2.55
120	2.59	2.56	2.52	2.50	2.46	2.44	2.40	2.39	2.35	2.37	2.36	2.39	2.68	2.71	2.74	2.77	2.81	2.84	2.86
125	3.01	2.97	2.92	2.88	2.83	2.80	2.75	2.75	2.70	2.71	2.71	2.74	3.04	3.06	3.10	3.15	3.19	3.24	3.26
130	3.53	3.48	3.43	3.38	3.33	3.28	3.22	3.21	3.16	3.17	3.17	3.21	3.48	3.52	3.56	3.63	3.67	3.74	3.76
135	4.10	4.05	4.00	3.94	3.89	3.84	3.78	3.77	3.74	3.73	3.73	3.77	4.01	4.04	4.09	4.15	4.19	4.27	4.29
140	4.60	4.56	4.54	4.49	4.42	4.41	4.34	4.35	4.28	4.30	4.28	4.32	4.51	4.54	4.57	4.63	4.67	4.74	4.75
145	4.96	4.95	4.91	4.89	4.85	4.83	4.77	4.79	4.73	4.75	4.72	4.76	4.90	4.92	4.94	4.99	5.02	5.06	5.08
150	5.22	5.21	5.17	5.17	5.13	5.13	5.08	5.10	5.03	5.06	5.03	5.07	5.19	5.19	5.22	5.25	5.28	5.31	5.32
155	5.48	5.46	5.43	5.42	5.39	5.39	5.33	5.36	5.29	5.33	5.29	5.32	5.44	5.47	5.47	5.50	5.52	5.57	5.56
160	5.73	5.71	5.69	5.68	5.64	5.66	5.61	5.64	5.57	5.60	5.56	5.60	5.70	5.72	5.73	5.76	5.77	5.82	5.81
165	5.94	5.94	5.92	5.92	5.89	5.91	5.86	5.90	5.84	5.87	5.82	5.86	5.94	5.94	5.96	5.98	5.99	6.02	6.02
170	6.09	6.10	6.08	6.10	6.08	6.10	6.07	6.11	6.03	6.07	6.03	6.05	6.12	6.11	6.13	6.15	6.14	6.17	6.14
175	6.15	6.16	6.16	6.18	6.17	6.21	6.17	6.20	6.14	6.16	6.11	6.13	6.19	6.20	6.20	6.21	6.19	6.20	6.16
180	6.23	6.22	6.23	6.24	6.23	6.25	6.22	6.24	6.17	6.18	6.14	6.15	6.22	6.22	6.22	6.24	6.22	6.25	6.22

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:226.5V I:0.0440A P:8.460W PF:0.8410 Lamp Flux:816.182x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEC)	285	300	315	330	345														
γ (DEC)																			
0	1888	1888	1888	1888	1888														
5	1333	1333	1320	1349	1359														
10	834	829	814	833	838														
15	581	574	566	571	579														
20	446	443	438	440	444														
25	376	370	366	366	369														
30	334	328	324	321	324														
35	282	278	272	272	277														
40	170	168	167	168	170														
45	60.5	60.7	59.7	62.7	64.6														
50	20.3	20.5	20.8	21.5	21.9														
55	13.7	13.9	14.2	14.5	14.7														
60	10.4	10.6	10.8	11.1	11.2														
65	8.54	8.64	8.78	8.93	9.03														
70	7.18	7.21	7.34	7.48	7.67														
75	6.11	6.16	6.27	6.38	6.52														
80	5.30	5.36	5.48	5.58	5.74														
85	3.79	3.80	3.86	4.08	4.26														
90	1.57	1.58	1.57	1.58	1.56														
95	1.71	1.71	1.71	1.72	1.70														
100	1.89	1.89	1.90	1.89	1.88														
105	2.08	2.09	2.09	2.10	2.08														
110	2.31	2.31	2.32	2.32	2.31														
115	2.58	2.58	2.59	2.59	2.57														
120	2.90	2.89	2.91	2.90	2.90														
125	3.32	3.30	3.33	3.30	3.31														
130	3.82	3.81	3.83	3.80	3.80														
135	4.35	4.33	4.36	4.32	4.32														
140	4.79	4.77	4.79	4.77	4.77														
145	5.12	5.09	5.11	5.08	5.08														
150	5.36	5.33	5.34	5.31	5.30														
155	5.60	5.55	5.58	5.54	5.56														
160	5.84	5.81	5.81	5.79	5.79														
165	6.05	6.00	6.02	5.98	5.98														
170	6.18	6.12	6.13	6.08	6.10														
175	6.19	6.12	6.14	6.09	6.11														
180	6.24	6.17	6.19	6.15	6.15														

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

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: