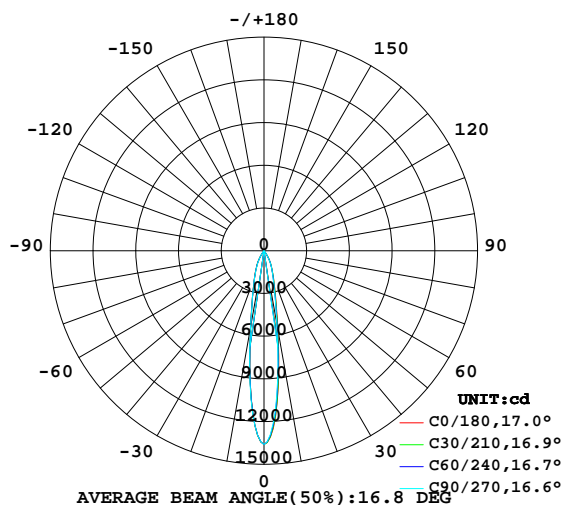


LUMINAIRE PHOTOMETRIC TEST REPORT

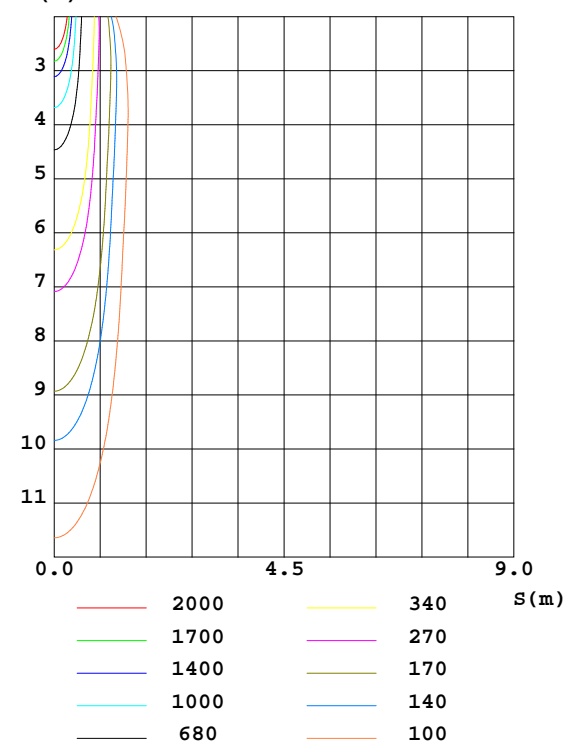
Test:U:226.5V I:0.1250A P:27.30W PF:0.9600 Lamp Flux:2586.1lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 94.73 lm/W			
MODEL	TL30-30W-827-B-16	Imax(cd)	13600	S/MH(C0/180)	0.30
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.28
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2586.1	η UP,DN(C0-180)	1.2,48.8
NOMINAL FLUX(lm)	2586.11	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.6
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.5	η 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: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	563.1	554.5	522.1	535.7	545.0	528.5	544.5	544.4	0- 10	824.1	824.1	31.9,31.9
20	190.5	188.4	181.4	190.4	191.4	188.1	187.5	186.2	10- 20	854.9	1679	64.9,64.9
30	76.36	76.81	74.09	75.70	74.06	73.19	71.50	73.52	20- 30	566.8	2246	86.8,86.8
40	6.924	7.867	7.786	7.863	6.860	6.662	6.928	7.048	30- 40	187.2	2433	94.1,94.1
50	2.594	2.636	2.719	2.732	2.670	2.565	2.604	2.669	40- 50	32.85	2466	95.4,95.4
60	2.158	2.121	2.110	2.141	2.086	2.067	2.003	2.093	50- 60	20.24	2486	96.1,96.1
70	1.202	1.205	1.212	1.225	1.174	1.141	1.165	1.179	60- 70	16.30	2502	96.8,96.8
80	0.6988	0.7144	0.7066	0.6968	0.6968	0.6941	0.6966	0.7066	70- 80	9.848	2512	97.1,97.1
90	0.5015	0.4971	0.4981	0.4948	0.6049	0.6050	0.6030	0.6036	80- 90	6.371	2519	97.4,97.4
100	0.4137	0.4079	0.4085	0.4079	0.6274	0.6265	0.6252	0.6241	90-100	5.758	2524	97.6,97.6
110	0.5255	0.5205	0.5239	0.5228	0.6893	0.6900	0.6860	0.6864	100-110	5.835	2530	97.8,97.8
120	0.7234	0.7132	0.7192	0.7147	0.8453	0.8451	0.8374	0.8410	110-120	6.771	2537	98.1,98.1
130	1.128	1.115	1.126	1.122	1.211	1.211	1.197	1.199	120-130	8.449	2545	98.4,98.4
140	1.683	1.673	1.683	1.675	1.722	1.725	1.711	1.713	130-140	11.09	2557	98.9,98.9
150	2.006	1.996	1.998	1.993	2.039	2.037	2.028	2.029	140-150	11.73	2568	99.3,99.3
160	2.143	2.135	2.133	2.129	2.163	2.157	2.152	2.148	150-160	9.661	2578	99.7,99.7
170	2.151	2.145	2.139	2.136	2.168	2.161	2.161	2.161	160-170	6.118	2584	99.9,99.9
180	2.077	2.066	2.059	2.062	2.078	2.066	2.060	2.062	170-180	2.018	2586	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

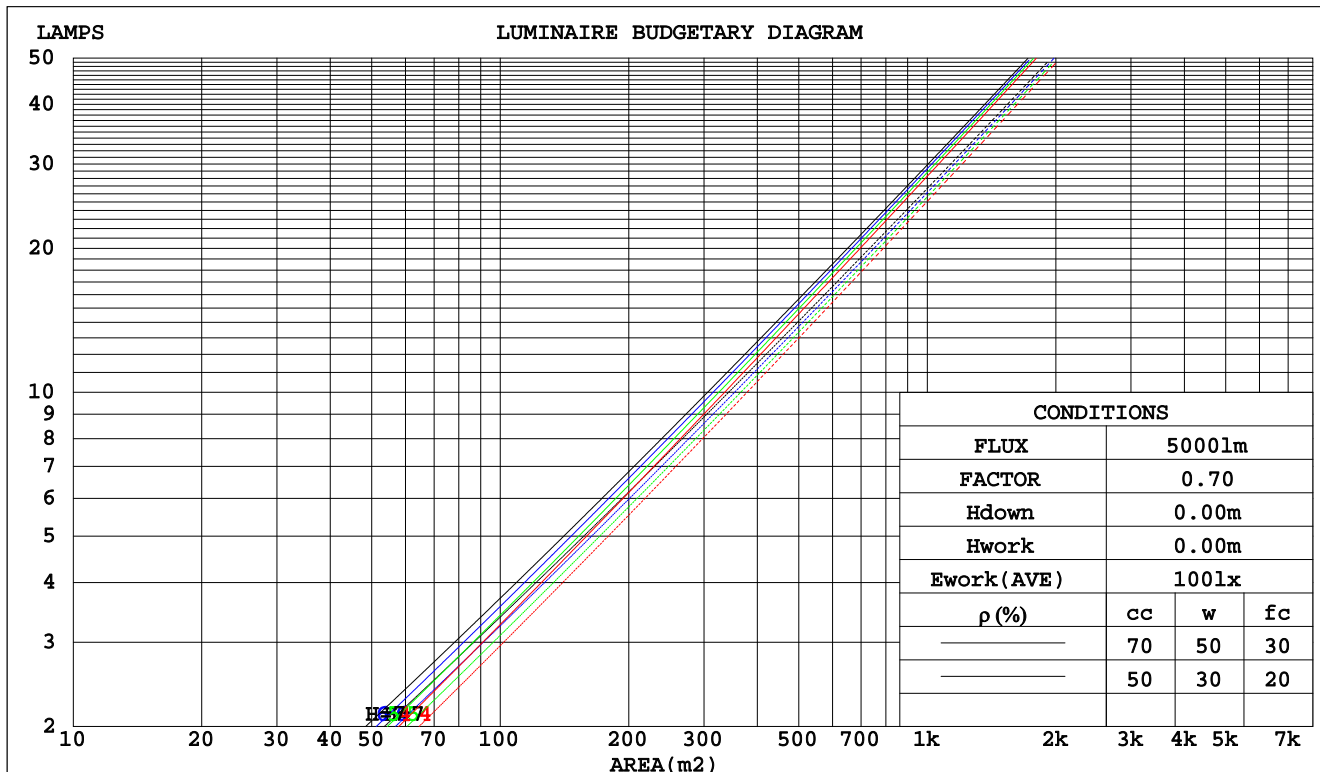
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:0.1250A P:27.30W PF:0.9600 Lamp Flux:2586.1lx1 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	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.02	1.00	.99	.98	.97	.96	.95	.93
2.0	1.05	1.02	.99	1.03	1.00	.98	.00	.97	.95	.97	.95	.93	.93	.92	.91	.89
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.90	.93	.90	.88	.90	.88	.87	.85
4.0	.95	.91	.88	.94	.90	.87	.92	.88	.86	.90	.87	.84	.88	.85	.83	.82
5.0	.91	.87	.83	.90	.86	.83	.88	.85	.82	.86	.83	.81	.85	.82	.80	.79
6.0	.88	.83	.79	.87	.82	.79	.85	.81	.78	.84	.80	.78	.82	.79	.77	.76
7.0	.84	.80	.76	.83	.79	.76	.82	.78	.75	.81	.77	.75	.80	.77	.74	.73
8.0	.81	.77	.73	.81	.76	.73	.79	.75	.73	.78	.75	.72	.77	.74	.72	.71
9.0	.78	.74	.71	.78	.74	.71	.77	.73	.70	.76	.72	.70	.75	.72	.70	.68
10.0	.76	.71	.68	.75	.71	.68	.74	.71	.68	.74	.70	.68	.73	.70	.67	.66



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:0.1250A P:27.30W PF:0.9600 Lamp Flux:2586.11x1 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	.154	.088	.028	.147	.084	.027	.133	.076	.024	.120	.069	.022	.108	.063	.020	
2.0	.143	.078	.024	.137	.075	.023	.125	.070	.022	.114	.064	.020	.104	.059	.019	
3.0	.133	.071	.021	.128	.069	.021	.118	.064	.019	.109	.060	.018	.100	.056	.017	
4.0	.125	.065	.019	.121	.063	.019	.112	.059	.018	.104	.056	.017	.097	.053	.016	
5.0	.118	.060	.017	.114	.058	.017	.106	.055	.016	.100	.053	.016	.093	.050	.015	
6.0	.111	.056	.016	.108	.055	.016	.101	.052	.015	.095	.050	.015	.090	.047	.014	
7.0	.106	.052	.015	.103	.051	.015	.097	.049	.014	.092	.047	.014	.086	.045	.013	
8.0	.101	.049	.014	.098	.048	.014	.093	.046	.013	.088	.045	.013	.083	.043	.012	
9.0	.096	.046	.013	.094	.046	.013	.089	.044	.012	.085	.042	.012	.081	.041	.012	
10.0	.092	.044	.012	.090	.043	.012	.086	.042	.012	.082	.041	.012	.078	.039	.011	

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	.070	.070	.070	.023	.023	.023	
1.0	.190	.178	.167	.162	.152	.143	.111	.105	.099	.064	.061	.058	.020	.020	.019	
2.0	.173	.153	.136	.148	.132	.118	.101	.091	.082	.058	.053	.048	.019	.017	.016	
3.0	.158	.134	.114	.136	.115	.099	.093	.080	.069	.054	.047	.041	.017	.015	.013	
4.0	.147	.119	.097	.126	.102	.084	.087	.071	.059	.050	.042	.035	.016	.014	.012	
5.0	.137	.107	.084	.117	.092	.073	.081	.064	.052	.047	.038	.031	.015	.012	.010	
6.0	.128	.097	.074	.110	.084	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
7.0	.121	.089	.066	.104	.077	.058	.072	.054	.041	.042	.032	.024	.013	.010	.008	
8.0	.114	.082	.060	.099	.071	.052	.068	.050	.037	.040	.030	.022	.013	.010	.007	
9.0	.109	.077	.055	.094	.067	.048	.065	.047	.034	.038	.028	.020	.012	.009	.007	
10.0	.104	.072	.051	.090	.063	.044	.062	.044	.032	.036	.026	.019	.012	.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:0.1250A P:27.30W PF:0.9600 Lamp Flux:2586.1lx1 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	16.0	16.7	16.3	16.9	17.1	16.0	16.7	16.2	16.9	17.1	
	3H	16.3	16.9	16.5	17.2	17.4	16.2	16.9	16.5	17.1	17.3
	4H	16.4	17.1	16.7	17.3	17.6	16.4	17.0	16.7	17.3	17.5
	6H	16.6	17.2	16.9	17.5	17.8	16.6	17.2	16.9	17.4	17.7
	8H	16.7	17.3	17.0	17.6	17.9	16.7	17.2	17.0	17.5	17.8
	12H	16.8	17.4	17.2	17.7	18.0	16.8	17.4	17.2	17.7	18.0
4H 2H	16.0	16.6	16.3	16.9	17.1	15.9	16.6	16.2	16.8	17.1	
	3H	16.3	16.9	16.7	17.2	17.5	16.3	16.9	16.6	17.2	17.5
	4H	16.6	17.1	17.0	17.5	17.8	16.6	17.1	16.9	17.4	17.8
	6H	16.9	17.4	17.3	17.8	18.1	16.9	17.3	17.3	17.7	18.1
	8H	17.1	17.5	17.5	17.9	18.3	17.1	17.5	17.5	17.9	18.3
	12H	17.3	17.7	17.8	18.1	18.6	17.3	17.7	17.8	18.1	18.5
8H 4H	16.7	17.1	17.1	17.5	17.9	16.6	17.0	17.0	17.4	17.8	
	6H	17.1	17.5	17.6	17.9	18.4	17.1	17.4	17.5	17.9	18.3
	8H	17.4	17.7	17.9	18.1	18.6	17.3	17.7	17.8	18.1	18.6
	12H	17.8	18.0	18.3	18.5	19.0	17.7	18.0	18.2	18.5	19.0
12H 4H	16.6	17.0	17.1	17.4	17.9	16.6	17.0	17.0	17.4	17.8	
	6H	17.1	17.4	17.6	17.9	18.4	17.1	17.4	17.6	17.9	18.4
	8H	17.5	17.7	18.0	18.2	18.7	17.4	17.7	17.9	18.2	18.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.9 / - 0.7					+ 1.0 / - 0.7					
1.5H	+ 2.0 / - 0.6					+ 2.1 / - 0.6					
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4					

CIE Pub.117 Corrected 2586 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.3)

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:0.1250A P:27.30W PF:0.9600 Lamp Flux:2586.1lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

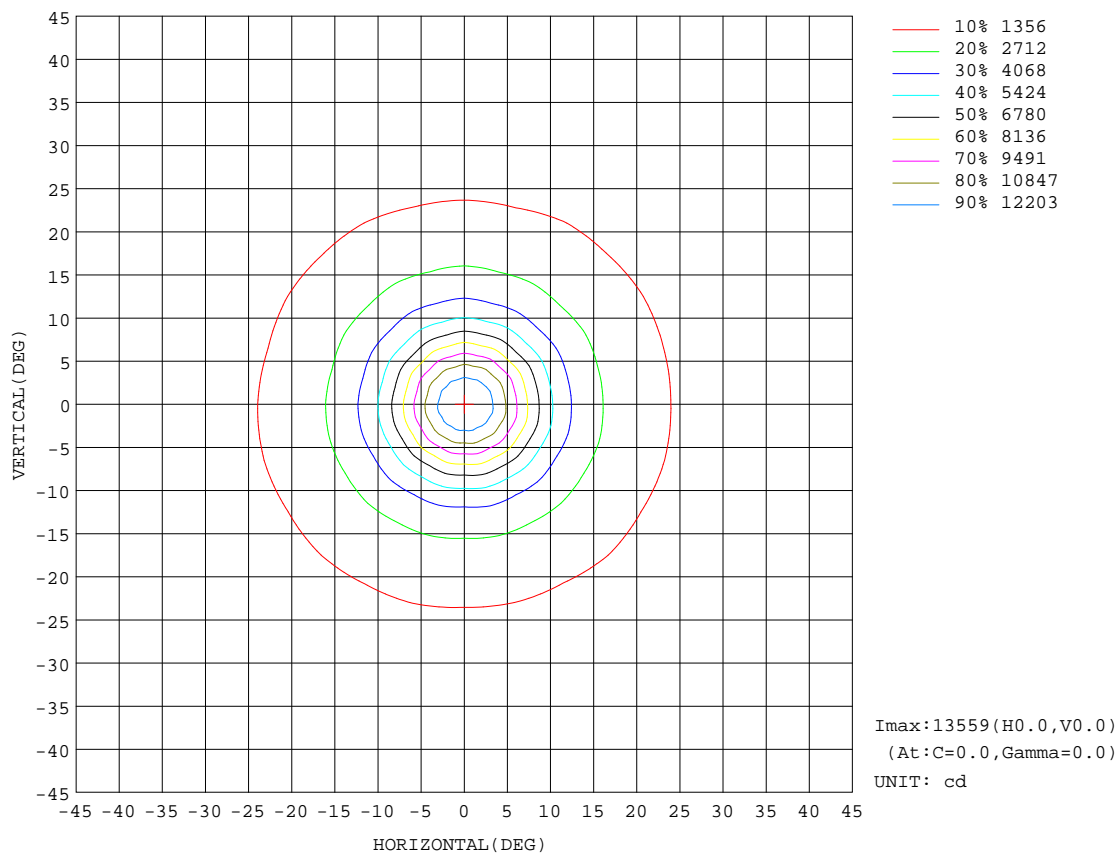
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	78	87	82	78	86	81	78	74
0.80	95	89	86	94	89	86	93	88	85	81
1.00	99	94	90	98	93	90	96	93	89	85
1.25	103	98	94	102	97	94	99	96	93	88
1.50	105	101	97	104	100	97	102	98	96	91
2.00	108	104	101	106	103	100	103	100	98	92
2.50	110	106	103	108	104	102	104	102	100	93
3.00	111	108	105	109	106	104	105	103	101	94
4.00	113	110	108	111	109	107	107	105	104	96
5.00	114	112	110	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:2015-12-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:226.5V I:0.1250A P:27.30W PF:0.9600 Lamp Flux:2586.1lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



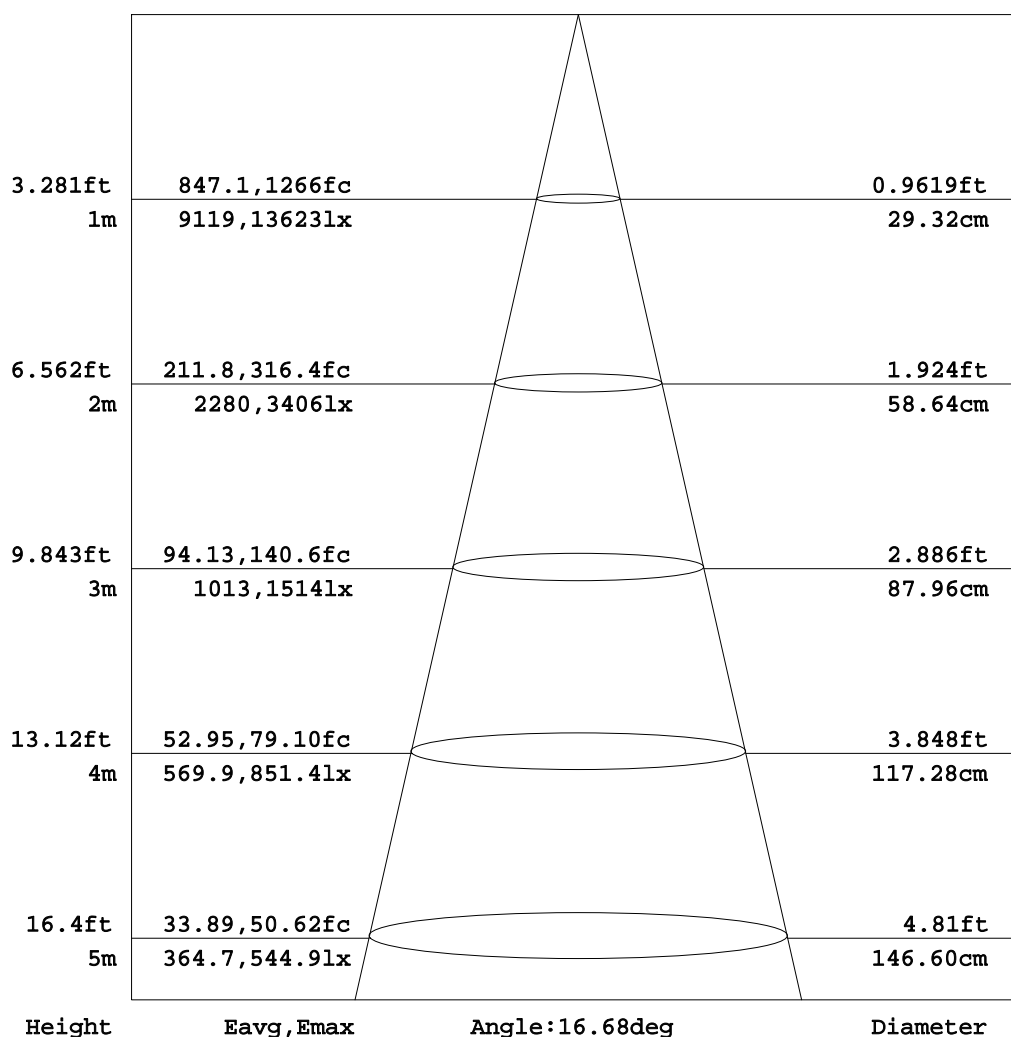
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:0.1250A P:27.30W PF:0.9600 Lamp Flux:2586.1lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:718.6 lm



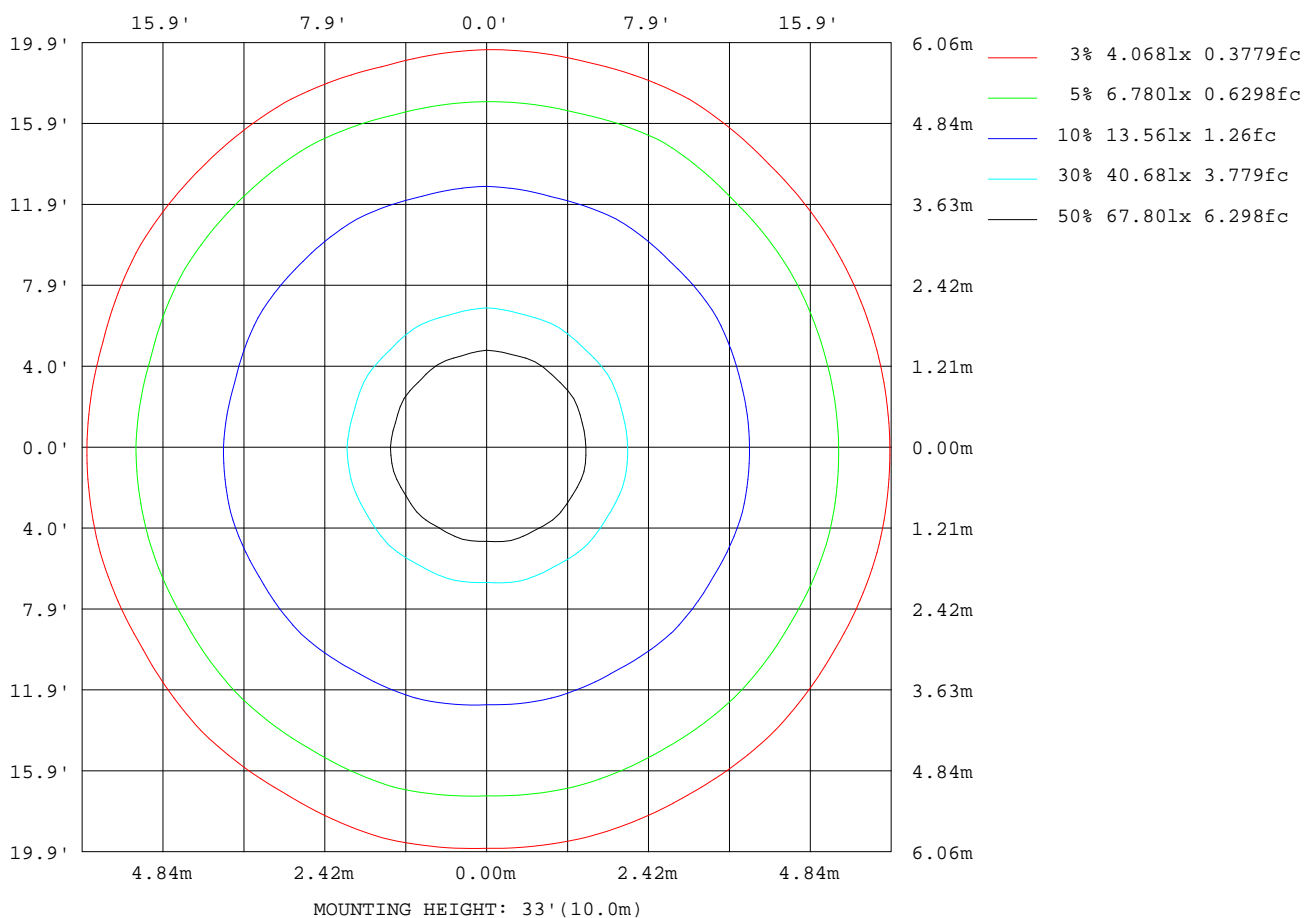
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

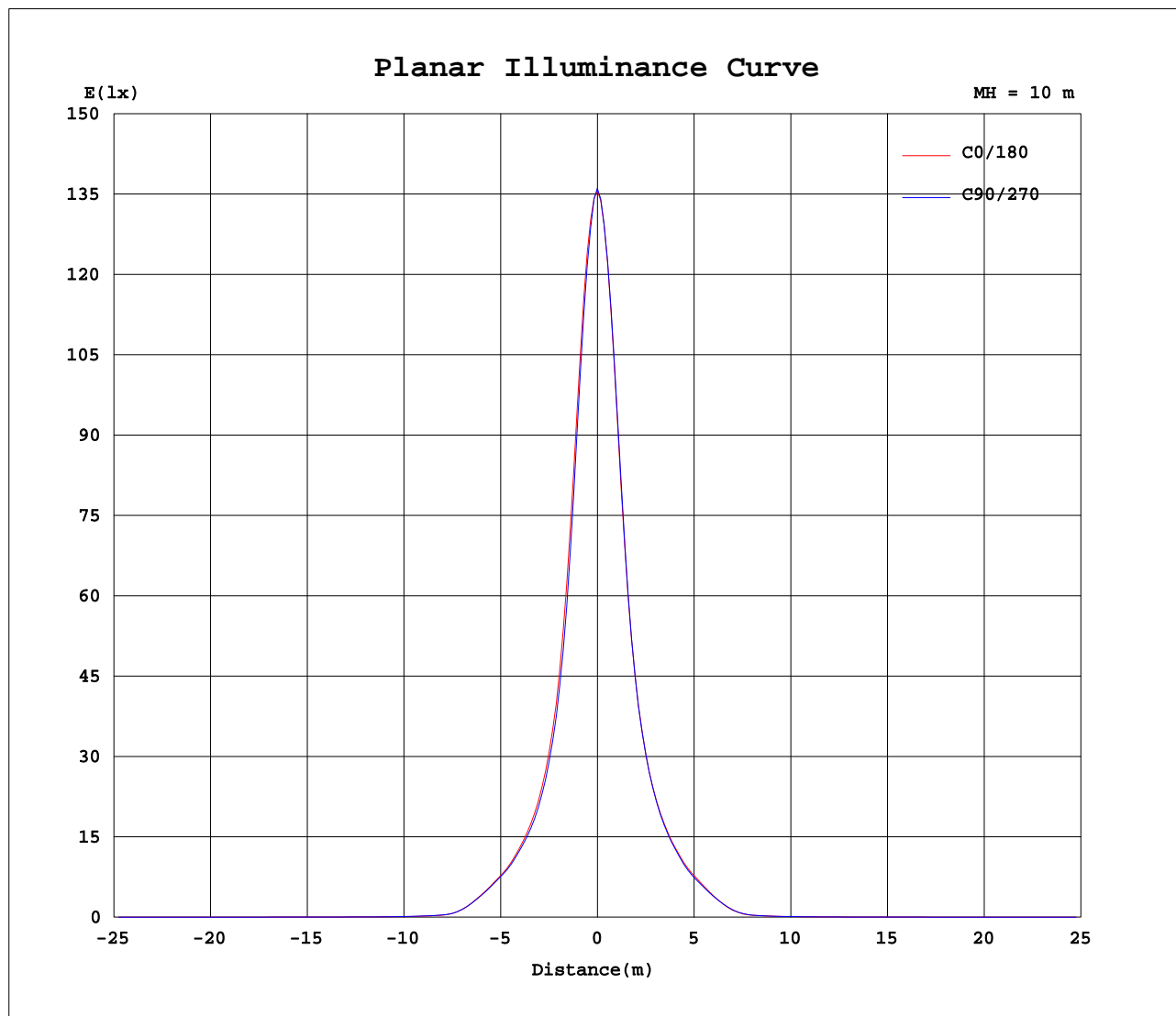
Test:U:226.5V I:0.1250A P:27.30W PF:0.9600 Lamp Flux:2586.1lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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

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:0.1250A P:27.30W PF:0.9600 Lamp Flux:2586.11x1 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	1360	1360	1360	1360	1360	1360	1360	1360	1360	1360	1360	1360	1360	1360	1360	1360	1360	1360	1360
5	1070	1082	1062	1068	1044	1053	1031	1044	1026	1042	1026	1043	1043	1024	1043	1024	1041	1026	1047
10	563	570	551	555	536	539	522	531	522	536	528	540	545	530	542	529	542	531	545
15	304	307	299	301	291	292	286	292	289	298	295	301	302	295	301	296	301	295	301
20	191	192	187	188	183	184	181	186	185	190	189	191	191	187	191	188	190	185	187
25	124	125	123	124	120	121	120	122	121	123	121	124	124	120	122	121	123	119	119
30	76.4	77.3	75.5	76.8	74.8	75.6	74.1	77.3	74.2	75.7	72.5	74.3	74.1	72.1	74.5	73.2	73.2	69.2	71.5
35	26.7	27.8	27.5	29.4	26.9	27.6	26.3	27.5	25.0	25.8	24.1	24.8	23.6	23.3	24.9	24.2	25.2	23.2	25.0
40	6.92	7.20	7.31	7.87	7.41	7.79	7.79	7.80	7.77	7.86	7.62	7.43	6.86	6.56	6.57	6.66	6.92	6.88	6.93
45	3.80	3.87	3.92	4.15	4.11	4.26	4.14	4.26	4.13	4.20	4.12	4.10	3.94	3.77	3.79	3.77	3.86	3.88	3.96
50	2.59	2.60	2.63	2.64	2.64	2.70	2.72	2.72	2.72	2.73	2.73	2.75	2.67	2.60	2.60	2.56	2.58	2.56	2.60
55	2.24	2.23	2.24	2.23	2.23	2.25	2.26	2.26	2.25	2.26	2.24	2.24	2.21	2.18	2.16	2.12	2.11	2.10	2.11
60	2.16	2.16	2.15	2.12	2.10	2.11	2.11	2.13	2.13	2.14	2.14	2.12	2.09	2.09	2.07	2.07	2.04	2.03	2.00
65	1.64	1.67	1.67	1.68	1.65	1.69	1.68	1.69	1.67	1.68	1.64	1.64	1.59	1.56	1.57	1.56	1.59	1.58	1.61
70	1.20	1.22	1.21	1.20	1.20	1.22	1.21	1.23	1.22	1.22	1.21	1.21	1.17	1.15	1.15	1.14	1.15	1.15	1.16
75	0.94	0.95	0.95	0.94	0.93	0.94	0.94	0.94	0.94	0.93	0.92	0.92	0.90	0.90	0.91	0.90	0.91	0.91	0.92
80	0.70	0.71	0.71	0.71	0.71	0.72	0.71	0.71	0.70	0.70	0.69	0.69	0.70	0.69	0.70	0.69	0.70	0.69	0.70
85	0.55	0.54	0.55	0.54	0.55	0.54	0.55	0.54	0.55	0.54	0.55	0.54	0.59	0.59	0.59	0.59	0.59	0.59	0.59
90	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.49	0.50	0.49	0.60	0.61	0.60	0.60	0.60	0.60	0.60
95	0.44	0.44	0.44	0.44	0.44	0.43	0.44	0.43	0.43	0.43	0.44	0.43	0.62	0.61	0.61	0.61	0.61	0.61	0.61
100	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.63	0.63	0.63	0.63	0.63	0.63	0.63
105	0.45	0.45	0.45	0.44	0.45	0.44	0.45	0.44	0.45	0.45	0.45	0.45	0.65	0.65	0.65	0.65	0.65	0.65	0.65
110	0.53	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.53	0.52	0.53	0.69	0.69	0.69	0.69	0.69	0.69	0.69
115	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.75	0.75	0.75	0.75	0.75	0.75	0.75
120	0.72	0.72	0.72	0.71	0.72	0.71	0.72	0.71	0.72	0.71	0.72	0.72	0.85	0.85	0.84	0.85	0.84	0.84	0.84
125	0.89	0.88	0.88	0.87	0.88	0.87	0.88	0.87	0.88	0.88	0.89	0.88	0.99	1.00	0.99	0.99	0.98	0.99	0.98
130	1.13	1.12	1.12	1.12	1.12	1.12	1.13	1.12	1.13	1.12	1.13	1.12	1.21	1.22	1.21	1.21	1.20	1.21	1.20
135	1.42	1.41	1.42	1.41	1.42	1.41	1.42	1.42	1.43	1.42	1.43	1.42	1.48	1.48	1.47	1.48	1.47	1.48	1.47
140	1.68	1.67	1.68	1.67	1.68	1.67	1.68	1.68	1.68	1.68	1.68	1.67	1.72	1.73	1.72	1.72	1.71	1.72	1.71
145	1.87	1.87	1.87	1.86	1.87	1.86	1.87	1.86	1.87	1.86	1.86	1.86	1.91	1.91	1.90	1.91	1.90	1.91	1.90
150	2.01	2.00	2.00	2.00	2.00	2.00	2.00	1.99	2.00	1.99	2.00	1.99	2.04	2.04	2.03	2.04	2.03	2.03	2.03
155	2.09	2.09	2.09	2.08	2.09	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.12	2.12	2.11	2.12	2.11	2.11	2.11
160	2.14	2.14	2.14	2.14	2.14	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.16	2.16	2.16	2.16	2.15	2.15	2.15
165	2.17	2.16	2.16	2.16	2.16	2.16	2.16	2.15	2.15	2.15	2.15	2.15	2.18	2.18	2.18	2.17	2.17	2.17	2.17
170	2.15	2.15	2.15	2.15	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.13	2.17	2.16	2.16	2.16	2.16	2.16	2.16
175	2.09	2.09	2.09	2.08	2.08	2.08	2.07	2.07	2.07	2.07	2.07	2.07	2.11	2.11	2.10	2.10	2.10	2.10	2.10
180	2.08	2.07	2.07	2.07	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.08	2.07	2.07	2.07	2.06	2.06	2.06

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:0.1250A P:27.30W PF:0.9600 Lamp Flux:2586.11x1 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	1360	1360	1360	1360	1360														
5	1036	1061	1051	1074	1061														
10	535	554	544	563	554														
15	294	300	296	305	301														
20	184	189	186	192	189														
25	118	125	122	124	124														
30	71.7	76.1	73.5	74.6	75.1														
35	24.8	25.4	24.4	25.6	25.9														
40	6.81	6.95	7.05	7.14	6.91														
45	3.93	4.04	4.00	4.04	3.85														
50	2.61	2.68	2.67	2.66	2.60														
55	2.14	2.20	2.23	2.24	2.23														
60	2.01	2.06	2.09	2.13	2.15														
65	1.60	1.63	1.62	1.63	1.61														
70	1.17	1.18	1.18	1.18	1.17														
75	0.92	0.94	0.93	0.93	0.92														
80	0.69	0.70	0.71	0.71	0.71														
85	0.59	0.59	0.59	0.59	0.59														
90	0.60	0.60	0.60	0.60	0.60														
95	0.61	0.61	0.61	0.61	0.61														
100	0.63	0.62	0.62	0.62	0.62														
105	0.65	0.65	0.65	0.65	0.65														
110	0.69	0.68	0.69	0.68	0.68														
115	0.75	0.74	0.75	0.74	0.75														
120	0.84	0.84	0.84	0.84	0.84														
125	0.99	0.98	0.98	0.98	0.98														
130	1.20	1.19	1.20	1.19	1.20														
135	1.47	1.46	1.47	1.46	1.46														
140	1.72	1.71	1.71	1.70	1.71														
145	1.90	1.89	1.90	1.89	1.89														
150	2.03	2.03	2.03	2.02	2.02														
155	2.11	2.11	2.11	2.10	2.10														
160	2.15	2.15	2.15	2.15	2.15														
165	2.17	2.17	2.17	2.17	2.17														
170	2.16	2.16	2.16	2.16	2.16														
175	2.11	2.11	2.11	2.11	2.11														
180	2.06	2.06	2.06	2.06	2.07														

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
γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks: