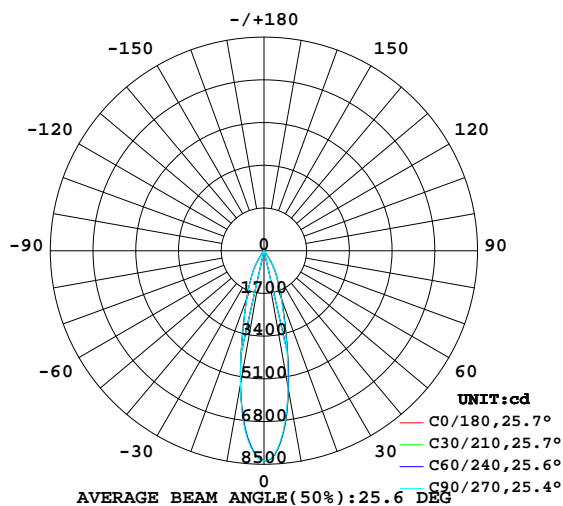


LUMINAIRE PHOTOMETRIC TEST REPORT

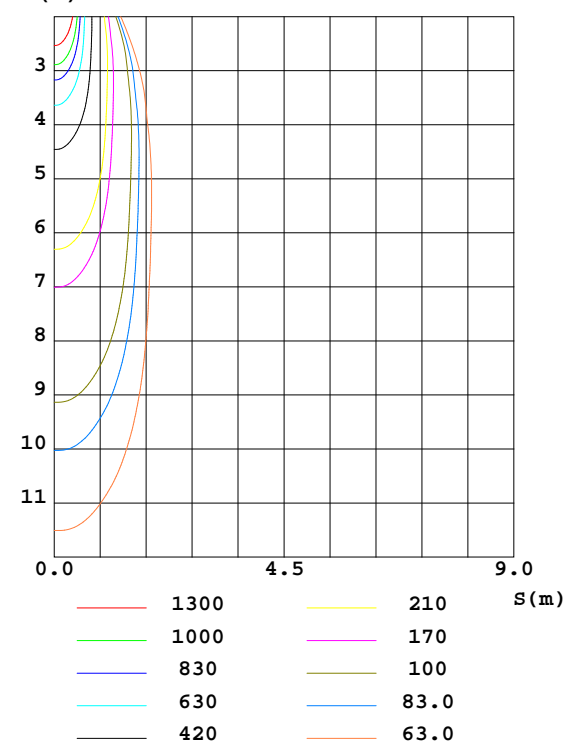
Test:U:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:2524.13x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 92.80 lm/W			
MODEL	TL30-30W-827-B-24	Imax(cd)	8362	S/MH(C0/180)	0.44
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.43
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2524.1	η UP,DN(C0-180)	1.2,49.4
NOMINAL FLUX(lm)	2524.13	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.0
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	5605	5688	5508	5464	5405	5303	5418	5451	0- 10	653.9	653.9	25.9,25.9
20	2087	2109	2012	2007	2028	1979	1987	1999	10- 20	927.8	1582	62.7,62.7
30	758.0	787.4	750.2	751.7	732.4	700.0	735.6	759.1	20- 30	589.2	2171	86,86
40	87.64	93.83	94.51	96.63	89.17	82.59	79.65	81.97	30- 40	186.8	2358	93.4,93.4
50	34.18	35.17	34.29	34.05	32.80	32.13	32.09	32.88	40- 50	42.13	2400	95.1,95.1
60	23.11	23.90	23.62	23.28	21.82	21.44	21.85	21.92	50- 60	24.87	2425	96.1,96.1
70	13.05	13.84	13.61	13.28	12.78	12.59	12.48	12.56	60- 70	17.24	2442	96.7,96.7
80	6.788	6.927	6.820	6.948	6.892	6.754	6.751	6.831	70- 80	10.25	2452	97.2,97.2
90	4.832	4.793	4.791	4.753	5.849	5.836	5.828	5.822	80- 90	6.112	2458	97.4,97.4
100	4.260	4.230	4.220	4.208	6.092	6.084	6.076	6.067	90-100	5.665	2464	97.6,97.6
110	5.103	5.038	5.071	5.077	6.739	6.752	6.712	6.707	100-110	5.744	2470	97.8,97.8
120	7.237	7.127	7.201	7.191	8.437	8.479	8.378	8.374	110-120	6.677	2476	98.1,98.1
130	11.14	11.02	11.14	11.16	12.00	12.08	11.92	11.90	120-130	8.491	2485	98.4,98.4
140	15.99	15.86	15.99	15.99	16.50	16.58	16.45	16.42	130-140	10.72	2496	98.9,98.9
150	19.31	19.24	19.29	19.27	19.68	19.72	19.63	19.61	140-150	11.27	2507	99.3,99.3
160	20.69	20.65	20.65	20.61	20.91	20.89	20.86	20.84	150-160	9.357	2516	99.7,99.7
170	20.64	20.62	20.57	20.49	20.81	20.74	20.74	20.76	160-170	5.902	2522	99.9,99.9
180	20.55	20.49	20.44	20.41	20.56	20.48	20.43	20.42	170-180	1.954	2524	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

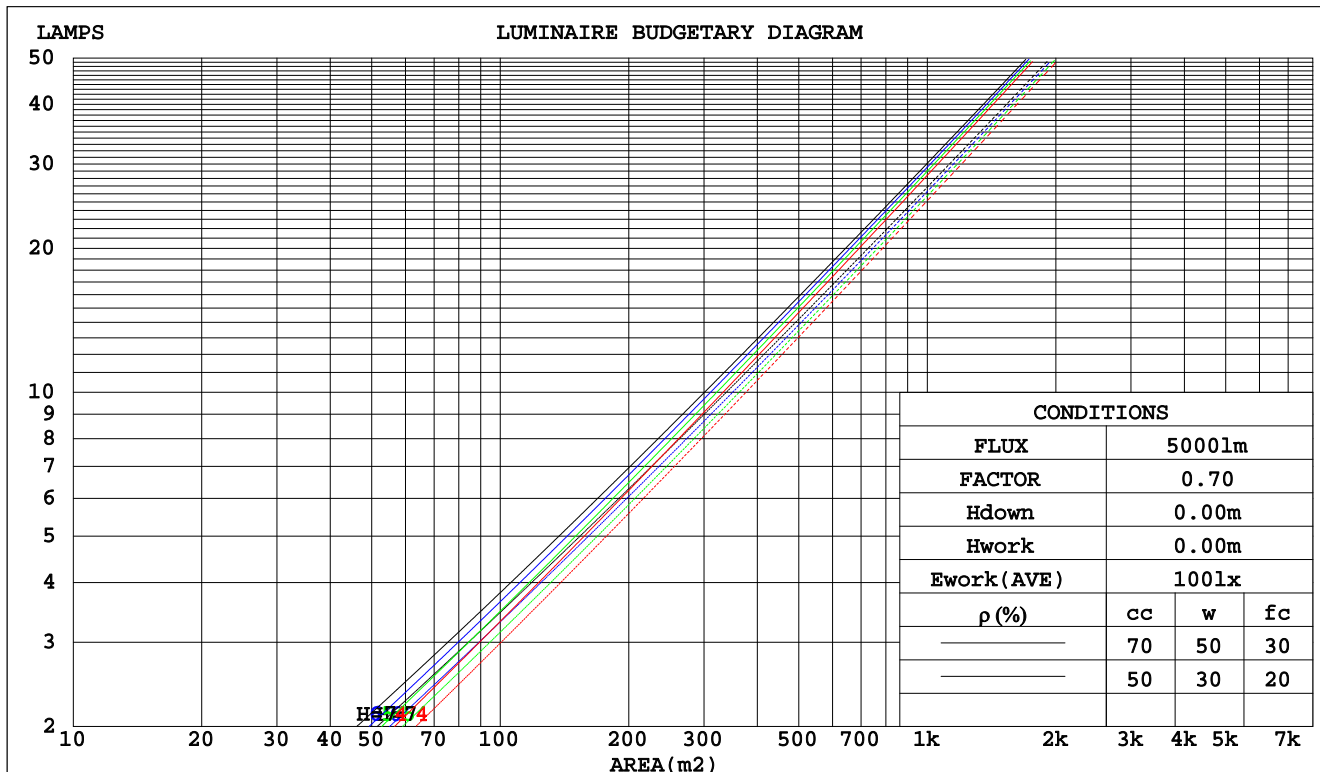
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:27.20W PF:0.9590 Lamp Flux:2524.13x1 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	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.01	1.00	.99	.98	.96	.95	.95	.93														
2.0	1.05	1.01	.98	1.03	.00	.97	.99	.97	.95	.96	.94	.92	.93	.91	.90	.88														
3.0	.99	.95	.92	.98	.94	.91	.95	.92	.89	.92	.90	.87	.90	.88	.86	.84														
4.0	.94	.90	.86	.93	.89	.86	.91	.87	.84	.88	.85	.83	.86	.84	.82	.80														
5.0	.90	.85	.82	.89	.84	.81	.87	.83	.80	.85	.82	.79	.83	.81	.78	.77														
6.0	.86	.81	.78	.85	.81	.77	.84	.80	.77	.82	.79	.76	.81	.78	.75	.74														
7.0	.82	.78	.74	.82	.77	.74	.80	.76	.73	.79	.75	.73	.78	.75	.72	.71														
8.0	.79	.74	.71	.79	.74	.71	.77	.73	.70	.76	.73	.70	.75	.72	.70	.68														
9.0	.76	.71	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.73	.69	.67	.66														
10.0	.73	.69	.66	.73	.69	.66	.72	.68	.65	.71	.68	.65	.70	.67	.65	.64														



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:27.20W PF:0.9590 Lamp Flux:2524.13x1 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	.159	.090	.029	.151	.086	.027	.138	.079	.025	.125	.072	.023	.113	.065	.021	
2.0	.148	.081	.025	.142	.078	.024	.130	.072	.022	.119	.067	.021	.109	.062	.019	
3.0	.139	.074	.022	.133	.071	.021	.123	.067	.020	.114	.062	.019	.105	.058	.018	
4.0	.130	.068	.020	.126	.066	.019	.117	.062	.019	.109	.058	.018	.101	.055	.017	
5.0	.123	.063	.018	.119	.061	.018	.111	.058	.017	.104	.055	.016	.098	.052	.016	
6.0	.116	.058	.017	.113	.057	.016	.106	.054	.016	.100	.052	.015	.094	.050	.015	
7.0	.111	.055	.015	.107	.054	.015	.102	.051	.015	.096	.049	.014	.091	.047	.014	
8.0	.105	.051	.014	.103	.051	.014	.097	.049	.014	.092	.047	.014	.088	.045	.013	
9.0	.101	.049	.014	.098	.048	.013	.093	.046	.013	.089	.045	.013	.085	.043	.012	
10.0	.096	.046	.013	.094	.045	.013	.090	.044	.012	.086	.043	.012	.082	.041	.012	

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	.177	.166	.162	.152	.143	.111	.105	.099	.064	.061	.058	.020	.020	.019	
2.0	.173	.153	.136	.148	.131	.117	.102	.091	.082	.059	.053	.048	.019	.017	.016	
3.0	.159	.134	.113	.137	.115	.098	.094	.080	.069	.054	.047	.041	.017	.015	.013	
4.0	.148	.119	.096	.127	.103	.084	.087	.071	.059	.050	.042	.035	.016	.014	.011	
5.0	.138	.107	.084	.119	.092	.073	.082	.065	.051	.047	.038	.030	.015	.012	.010	
6.0	.130	.097	.074	.112	.084	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
7.0	.123	.089	.066	.105	.077	.057	.073	.054	.041	.042	.032	.024	.014	.010	.008	
8.0	.116	.083	.060	.100	.072	.052	.069	.050	.037	.040	.030	.022	.013	.010	.007	
9.0	.111	.077	.054	.096	.067	.048	.066	.047	.034	.039	.028	.020	.012	.009	.007	
10.0	.106	.073	.050	.092	.063	.044	.063	.044	.031	.037	.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:27.20W PF:0.9590 Lamp Flux:2524.13x1 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	16.5	17.2	16.7	17.4	17.6	16.5	17.2	16.7	17.4	17.6	
	3H	16.7	17.4	17.0	17.7	17.9	16.8	17.5	17.0	17.7	17.9
	4H	16.9	17.6	17.2	17.8	18.1	16.9	17.6	17.2	17.8	18.1
	6H	17.0	17.7	17.4	17.9	18.2	17.1	17.7	17.4	18.0	18.3
	8H	17.1	17.7	17.4	18.0	18.3	17.1	17.7	17.5	18.0	18.3
	12H	17.2	17.8	17.6	18.1	18.4	17.2	17.8	17.6	18.1	18.5
4H	2H	16.5	17.1	16.8	17.4	17.6	16.5	17.1	16.8	17.4	17.6
	3H	16.9	17.4	17.2	17.7	18.1	16.9	17.5	17.2	17.8	18.1
	4H	17.1	17.6	17.5	18.0	18.3	17.1	17.7	17.5	18.0	18.4
	6H	17.4	17.8	17.8	18.2	18.6	17.4	17.9	17.8	18.2	18.6
	8H	17.5	17.9	17.9	18.3	18.7	17.5	18.0	18.0	18.4	18.8
	12H	17.7	18.1	18.1	18.5	18.9	17.7	18.1	18.2	18.5	19.0
8H	4H	17.1	17.6	17.6	18.0	18.4	17.2	17.6	17.6	18.0	18.4
	6H	17.5	17.9	18.0	18.3	18.8	17.6	17.9	18.0	18.4	18.8
	8H	17.7	18.0	18.2	18.5	19.0	17.8	18.1	18.2	18.5	19.0
	12H	18.0	18.3	18.6	18.8	19.3	18.1	18.3	18.6	18.8	19.3
12H	4H	17.1	17.5	17.6	17.9	18.4	17.2	17.6	17.6	18.0	18.4
	6H	17.5	17.9	18.0	18.3	18.8	17.6	17.9	18.1	18.3	18.8
	8H	17.8	18.1	18.3	18.5	19.1	17.8	18.1	18.3	18.6	19.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.7 / - 0.7					+ 0.8 / - 0.8					
1.5H	+ 1.5 / - 0.7					+ 1.7 / - 0.7					
2.0H	+ 0.6 / - 0.3					+ 0.7 / - 0.3					

CIE Pub.117 Corrected 2524 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.2)

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:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:2524.13x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

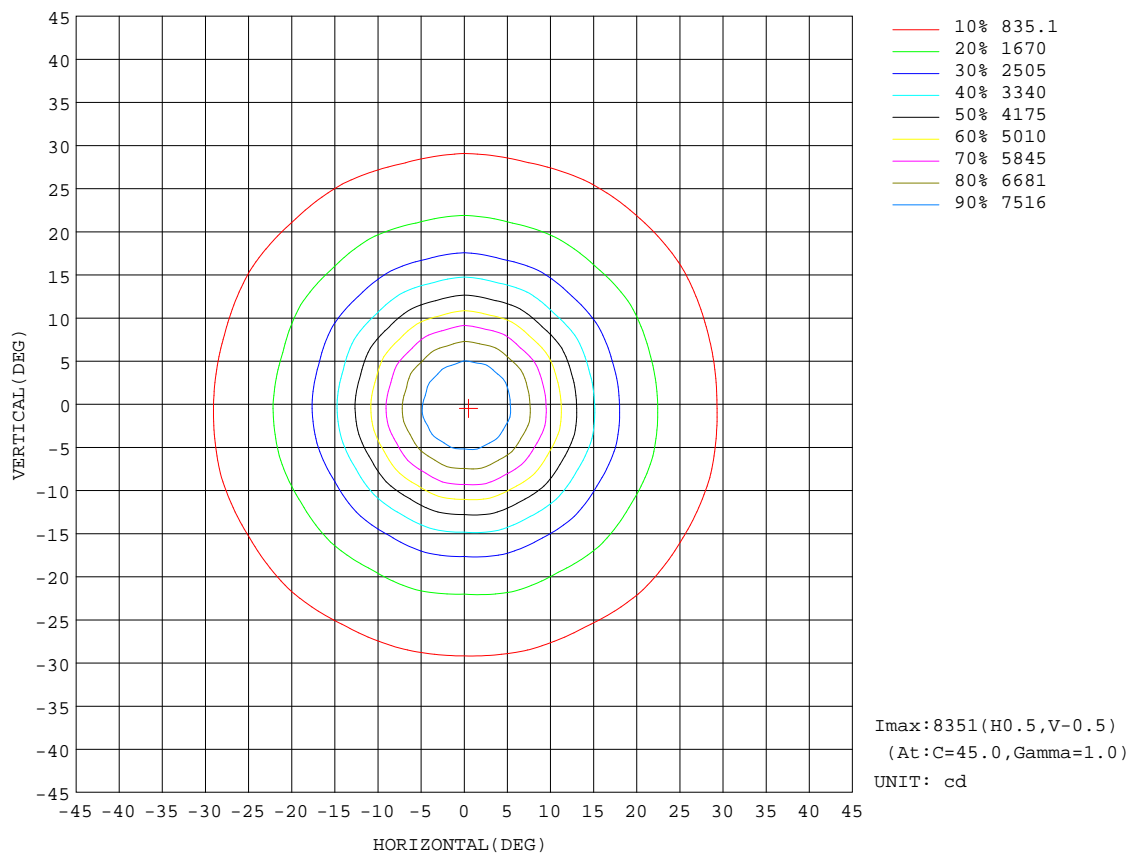
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	81	78	87	81	78	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	93	90	98	93	89	96	92	89	85
1.25	103	97	94	101	97	93	99	95	93	88
1.50	105	100	97	104	100	97	101	98	95	90
2.00	108	104	100	106	102	99	103	100	98	92
2.50	109	106	103	108	104	102	104	101	99	93
3.00	111	108	105	109	106	104	105	103	101	94
4.00	113	110	108	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	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:27.20W PF:0.9590 Lamp Flux:2524.13x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

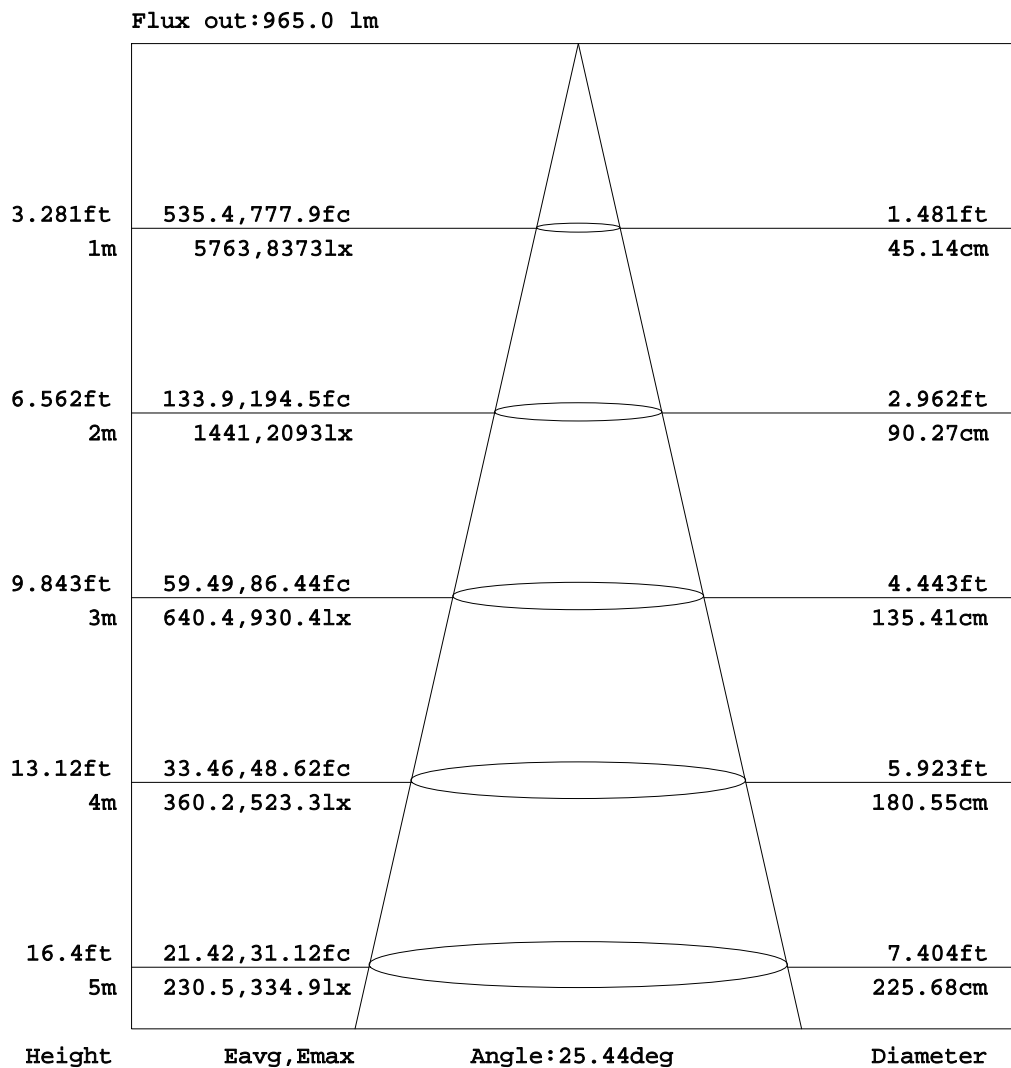


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2015-12-07

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:27.20W PF:0.9590 Lamp Flux:2524.13x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



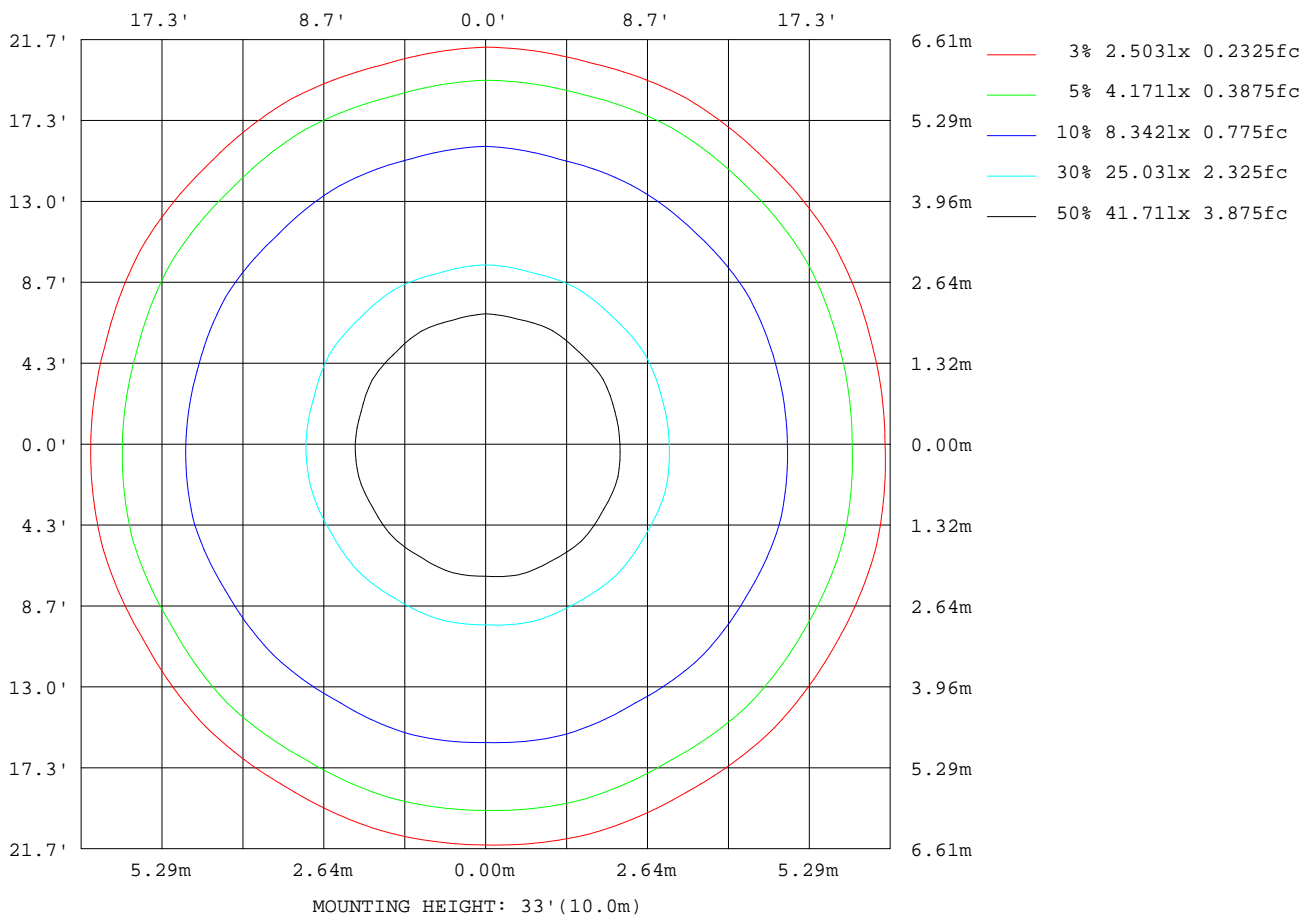
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

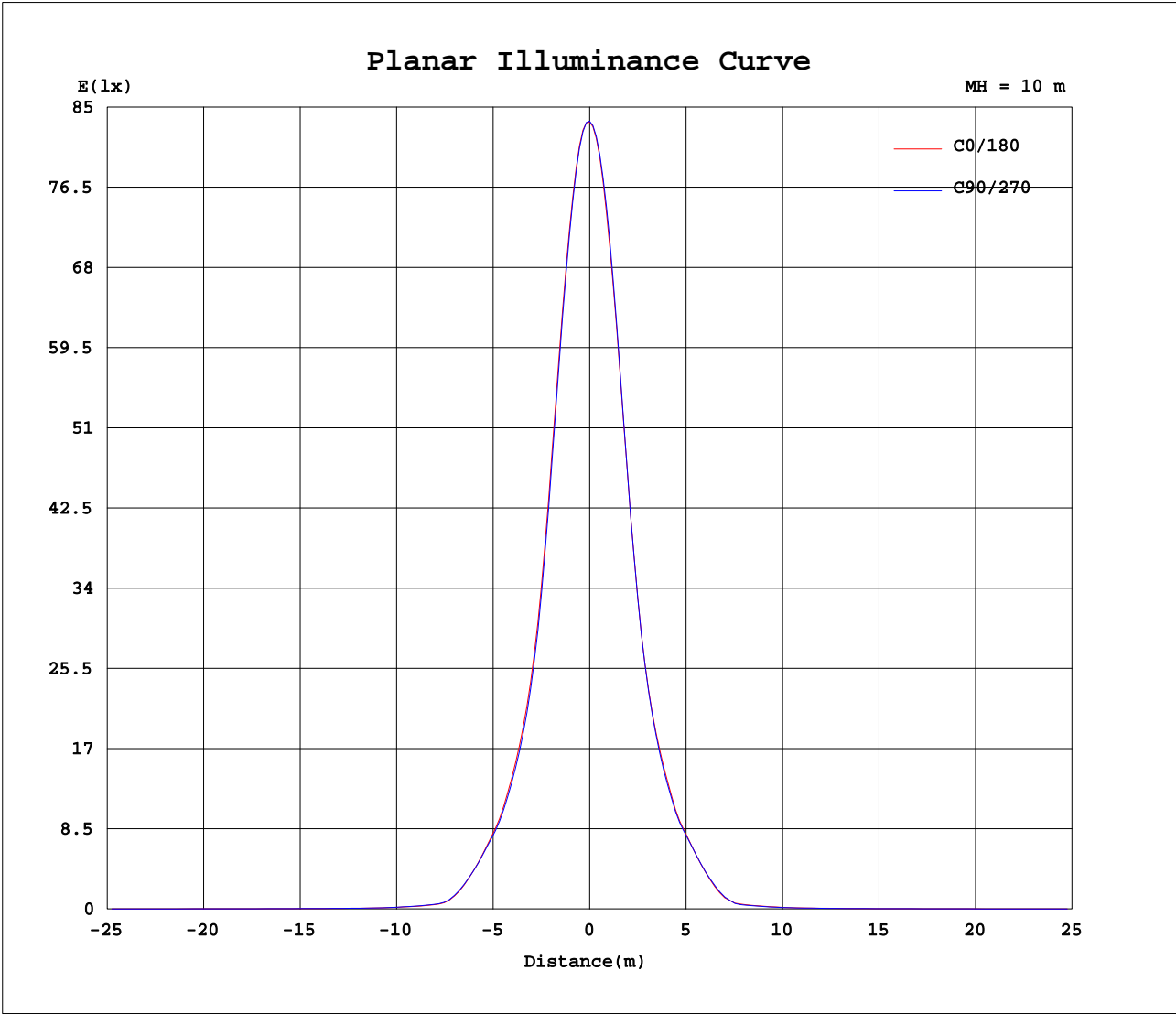
Test:U:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:2524.13x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:27.20W PF:0.9590 Lamp Flux:2524.13x1 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	8356	8356	8356	8356	8356	8356	8356	8356	8356	8356	8356	8356	8356	8356	8356	8356	8356	8356	8356
5	7636	7695	7640	7688	7626	7654	7583	7599	7523	7550	7482	7507	7472	7405	7454	7408	7468	7437	7527
10	5605	5703	5624	5688	5583	5628	5508	5534	5421	5464	5369	5426	5405	5313	5393	5303	5387	5306	5418
15	3380	3457	3385	3445	3355	3388	3281	3305	3212	3253	3183	3247	3255	3191	3262	3188	3244	3173	3244
20	2087	2128	2079	2109	2054	2078	2012	2031	1976	2007	1977	2021	2028	1984	2022	1979	2001	1950	1987
25	1290	1320	1295	1305	1262	1286	1253	1269	1233	1256	1241	1272	1257	1233	1245	1211	1232	1209	1234
30	758	795	774	787	747	771	750	752	724	752	725	755	732	709	729	700	723	699	736
35	253	282	278	293	276	282	264	268	243	246	222	231	219	207	228	224	235	214	233
40	87.6	90.9	92.2	93.8	92.9	94.7	94.5	97.6	96.8	96.6	92.3	91.4	89.2	86.4	86.2	82.6	81.0	78.1	79.6
45	52.7	55.2	55.9	57.5	56.7	57.6	56.8	58.4	57.2	57.1	54.3	53.9	52.5	50.7	51.1	49.2	48.9	47.3	48.3
50	34.2	34.8	34.8	35.2	34.7	34.6	34.3	34.5	34.2	34.1	33.3	33.1	32.8	32.5	32.7	32.1	32.2	31.8	32.1
55	28.5	29.0	29.0	29.0	28.7	28.6	28.4	28.5	28.5	28.3	27.7	27.4	27.1	26.9	27.0	26.7	26.9	26.7	26.8
60	23.1	23.7	23.7	23.9	23.7	23.9	23.6	23.8	23.5	23.3	22.6	22.2	21.8	21.6	21.7	21.4	21.7	21.6	21.8
65	17.5	18.0	18.1	18.4	18.2	18.3	18.1	18.2	17.8	17.7	17.2	17.0	16.7	16.6	16.7	16.4	16.5	16.4	16.5
70	13.0	13.5	13.6	13.8	13.7	13.8	13.6	13.7	13.4	13.3	13.0	13.0	12.8	12.8	12.9	12.6	12.6	12.4	12.5
75	9.59	9.80	9.84	10.0	9.91	9.98	9.90	9.98	9.85	9.87	9.70	9.69	9.57	9.49	9.47	9.29	9.28	9.16	9.22
80	6.79	6.87	6.86	6.93	6.81	6.87	6.82	6.92	6.88	6.95	6.84	6.82	6.89	6.82	6.86	6.75	6.76	6.70	6.75
85	5.18	5.15	5.16	5.13	5.15	5.12	5.15	5.12	5.15	5.12	5.15	5.12	5.70	5.70	5.68	5.68	5.68	5.68	5.67
90	4.83	4.81	4.82	4.79	4.80	4.78	4.79	4.76	4.78	4.75	4.77	4.75	5.85	5.84	5.84	5.84	5.83	5.83	5.83
95	4.44	4.41	4.43	4.40	4.41	4.38	4.40	4.36	4.38	4.35	4.39	4.36	5.97	5.96	5.96	5.96	5.95	5.95	5.95
100	4.26	4.24	4.25	4.23	4.23	4.21	4.22	4.21	4.22	4.21	4.23	4.22	6.09	6.09	6.08	6.08	6.08	6.08	6.08
105	4.47	4.46	4.45	4.44	4.44	4.43	4.44	4.44	4.46	4.45	4.48	4.48	6.33	6.36	6.32	6.35	6.32	6.35	6.31
110	5.10	5.06	5.07	5.04	5.06	5.04	5.07	5.05	5.10	5.08	5.13	5.11	6.74	6.76	6.73	6.75	6.72	6.74	6.71
115	6.02	5.96	5.99	5.94	5.97	5.93	5.98	5.95	6.02	5.98	6.06	6.03	7.40	7.44	7.40	7.43	7.38	7.41	7.37
120	7.24	7.16	7.20	7.13	7.18	7.12	7.20	7.14	7.24	7.19	7.29	7.25	8.44	8.49	8.43	8.48	8.41	8.44	8.38
125	8.93	8.83	8.90	8.80	8.88	8.80	8.91	8.84	8.96	8.90	9.04	8.97	9.96	10.0	9.96	10.0	9.93	9.98	9.89
130	11.1	11.0	11.1	11.0	11.1	11.0	11.1	11.1	11.2	11.2	11.3	11.2	12.0	12.1	12.0	12.1	12.0	12.0	11.9
135	13.6	13.5	13.6	13.5	13.6	13.5	13.6	13.6	13.7	13.7	13.8	13.7	14.3	14.4	14.3	14.4	14.3	14.3	14.2
140	16.0	15.9	15.9	15.9	15.9	15.9	16.0	15.9	16.0	16.0	16.1	16.0	16.5	16.6	16.5	16.6	16.5	16.5	16.4
145	17.9	17.8	17.9	17.8	17.9	17.8	17.9	17.9	17.9	17.9	18.0	17.9	18.3	18.4	18.3	18.4	18.3	18.4	18.3
150	19.3	19.3	19.3	19.2	19.3	19.2	19.3	19.3	19.3	19.3	19.3	19.3	19.7	19.7	19.7	19.7	19.6	19.7	19.6
155	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.5	20.5	20.5	20.5	20.5	20.5	20.5
160	20.7	20.7	20.6	20.7	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.9	20.9	20.9	20.9	20.9	20.9	20.9
165	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.7	20.8	20.7	21.0	21.0	21.0	21.0	20.9	21.0	21.0
170	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.5	20.5	20.5	20.5	20.5	20.8	20.8	20.7	20.7	20.7	20.7	20.7
175	20.4	20.4	20.3	20.3	20.3	20.3	20.3	20.2	20.2	20.2	20.2	20.2	20.5	20.5	20.4	20.4	20.4	20.4	20.4
180	20.6	20.5	20.5	20.5	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.6	20.5	20.5	20.5	20.4	20.4	20.4

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:27.20W PF:0.9590 Lamp Flux:2524.13x1 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	8356	8356	8356	8356	8356														
5	7503	7586	7561	7642	7607														
10	5358	5492	5451	5595	5540														
15	3182	3292	3248	3366	3320														
20	1947	2004	1999	2059	2048														
25	1201	1235	1235	1278	1268														
30	721	759	759	785	760														
35	227	248	239	257	248														
40	80.0	82.2	82.0	84.6	85.6														
45	48.0	49.6	49.2	50.9	50.9														
50	32.1	32.8	32.9	33.3	33.2														
55	26.8	27.2	27.3	27.6	27.6														
60	21.7	22.0	21.9	22.3	22.3														
65	16.4	16.6	16.6	16.8	16.8														
70	12.4	12.6	12.6	12.7	12.6														
75	9.22	9.36	9.37	9.46	9.41														
80	6.70	6.82	6.83	6.93	6.89														
85	5.67	5.67	5.67	5.67	5.67														
90	5.82	5.82	5.82	5.83	5.82														
95	5.94	5.95	5.95	5.94	5.94														
100	6.07	6.07	6.07	6.07	6.06														
105	6.33	6.30	6.31	6.29	6.30														
110	6.72	6.69	6.71	6.69	6.70														
115	7.38	7.34	7.36	7.32	7.35														
120	8.40	8.34	8.37	8.31	8.35														
125	9.92	9.82	9.88	9.79	9.84														
130	12.0	11.8	11.9	11.8	11.8														
135	14.3	14.1	14.2	14.1	14.1														
140	16.5	16.4	16.4	16.3	16.4														
145	18.3	18.2	18.3	18.2	18.2														
150	19.7	19.6	19.6	19.5	19.6														
155	20.5	20.4	20.5	20.4	20.4														
160	20.9	20.8	20.8	20.8	20.8														
165	21.0	20.9	21.0	21.0	21.0														
170	20.7	20.7	20.8	20.8	20.8														
175	20.4	20.4	20.4	20.4	20.5														
180	20.4	20.4	20.4	20.4	20.4														

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: