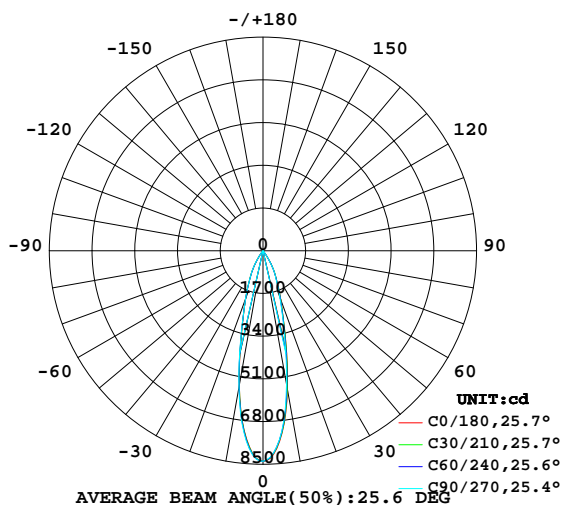


LUMINAIRE PHOTOMETRIC TEST REPORT

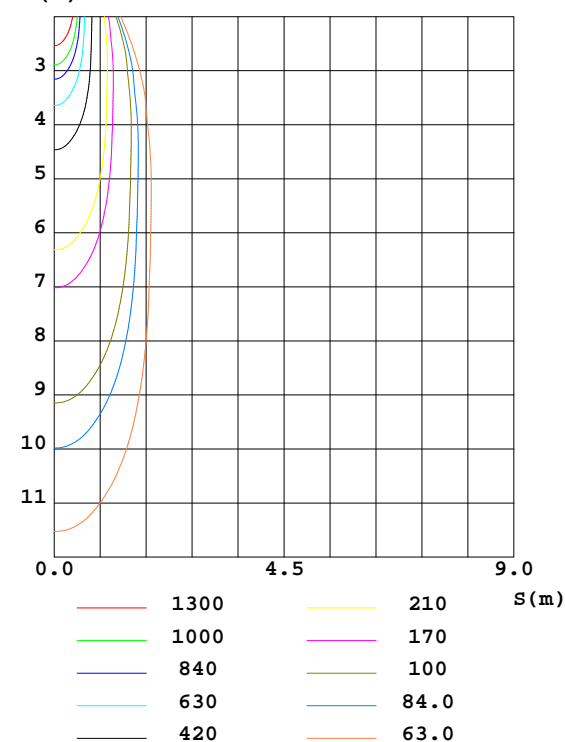
Test:U:226.5V I:0.1240A P:27.00W PF:0.9590 Lamp Flux:2528.79x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.66 lm/W			
MODEL	TL30-30W-830-B-24	Imax(cd)	8378	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)	2528.8	η UP,DN(C0-180)	1.2,48.9
NOMINAL FLUX(lm)	2528.79	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.5
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	5604	5610	5413	5442	5437	5389	5535	5520	0- 10	655.4	655.4	25.9,25.9
20	2074	2092	1973	2019	2034	1975	2031	2012	10- 20	929.6	1585	62.7,62.7
30	759.3	781.4	747.7	775.8	730.5	703.3	739.8	737.7	20- 30	589.6	2175	86,86
40	87.83	91.57	90.72	93.80	89.99	84.88	85.14	85.40	30- 40	187.2	2362	93.4,93.4
50	33.61	33.77	33.45	34.15	33.95	33.88	33.59	33.24	40- 50	42.36	2404	95.1,95.1
60	22.66	22.80	22.58	22.63	22.74	22.90	23.13	22.72	50- 60	25.02	2429	96.1,96.1
70	13.34	13.37	12.92	12.89	12.75	13.13	13.29	13.01	60- 70	17.34	2446	96.7,96.7
80	6.907	6.880	6.701	6.669	6.753	6.738	6.898	7.123	70- 80	10.28	2457	97.2,97.2
90	4.832	4.786	4.788	4.758	5.853	5.835	5.832	5.840	80- 90	6.115	2463	97.4,97.4
100	4.272	4.238	4.236	4.222	6.097	6.083	6.075	6.080	90-100	5.670	2469	97.6,97.6
110	5.122	5.075	5.108	5.106	6.741	6.743	6.706	6.720	100-110	5.757	2474	97.8,97.8
120	7.262	7.174	7.260	7.239	8.435	8.452	8.352	8.379	110-120	6.693	2481	98.1,98.1
130	11.19	11.10	11.23	11.22	11.99	12.02	11.87	11.89	120-130	8.508	2490	98.4,98.4
140	16.03	15.95	16.08	16.05	16.50	16.54	16.41	16.42	130-140	10.74	2500	98.9,98.9
150	19.36	19.30	19.36	19.34	19.70	19.72	19.63	19.64	140-150	11.29	2512	99.3,99.3
160	20.73	20.70	20.69	20.65	20.93	20.91	20.88	20.88	150-160	9.373	2521	99.7,99.7
170	20.66	20.61	20.57	20.54	20.83	20.78	20.79	20.81	160-170	5.911	2527	99.9,99.9
180	20.56	20.51	20.48	20.48	20.57	20.51	20.48	20.49	170-180	1.957	2529	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

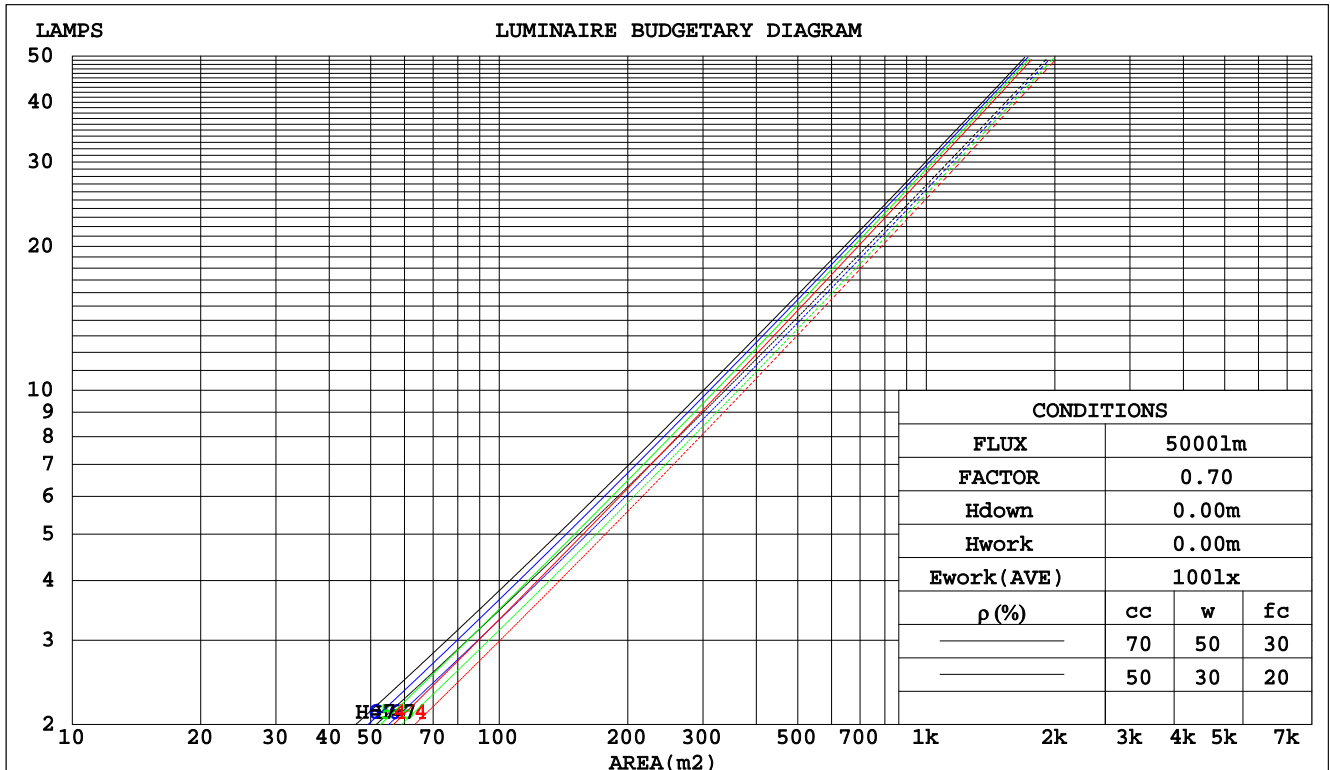
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:0.1240A P:27.00W PF:0.9590 Lamp Flux:2528.79x1 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:0.1240A P:27.00W PF:0.9590 Lamp Flux:2528.79x1 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:0.1240A P:27.00W PF:0.9590 Lamp Flux:2528.79x1 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	16.4	17.1	16.6	17.3	17.5	16.2	17.0	16.5	17.2	17.4	
	3H	16.6	17.3	16.9	17.6	17.8	16.5	17.2	16.8	17.4	17.7
	4H	16.8	17.5	17.1	17.7	18.0	16.7	17.3	17.0	17.6	17.8
	6H	17.0	17.6	17.3	17.9	18.2	16.8	17.4	17.1	17.7	18.0
	8H	17.0	17.6	17.4	17.9	18.2	16.9	17.5	17.2	17.8	18.1
	12H	17.2	17.7	17.5	18.0	18.4	17.0	17.6	17.4	17.9	18.2
4H	2H	16.3	17.0	16.6	17.3	17.5	16.2	16.9	16.5	17.1	17.4
	3H	16.8	17.3	17.1	17.6	18.0	16.6	17.2	17.0	17.5	17.8
	4H	17.0	17.5	17.4	17.9	18.2	16.9	17.4	17.3	17.7	18.1
	6H	17.3	17.8	17.7	18.1	18.5	17.1	17.6	17.6	18.0	18.4
	8H	17.4	17.9	17.9	18.3	18.7	17.3	17.7	17.7	18.1	18.5
	12H	17.6	18.0	18.1	18.4	18.9	17.5	17.9	17.9	18.3	18.7
8H	4H	17.1	17.5	17.5	17.9	18.3	16.9	17.4	17.3	17.7	18.2
	6H	17.5	17.8	17.9	18.2	18.7	17.3	17.7	17.8	18.1	18.6
	8H	17.7	18.0	18.2	18.5	18.9	17.5	17.9	18.0	18.3	18.8
	12H	18.0	18.3	18.5	18.8	19.3	17.9	18.1	18.4	18.6	19.1
12H	4H	17.0	17.4	17.5	17.8	18.3	16.9	17.3	17.3	17.7	18.2
	6H	17.5	17.8	18.0	18.2	18.7	17.3	17.7	17.8	18.1	18.6
	8H	17.7	18.0	18.2	18.5	19.0	17.6	17.9	18.1	18.4	18.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.6 / - 0.7					+ 0.7 / - 0.7					
1.5H	+ 1.4 / - 0.7					+ 1.6 / - 0.7					
2.0H	+ 0.6 / - 0.3					+ 0.7 / - 0.3					

CIE Pub.117 Corrected 2529 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:0.1240A P:27.00W PF:0.9590 Lamp Flux:2528.79x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

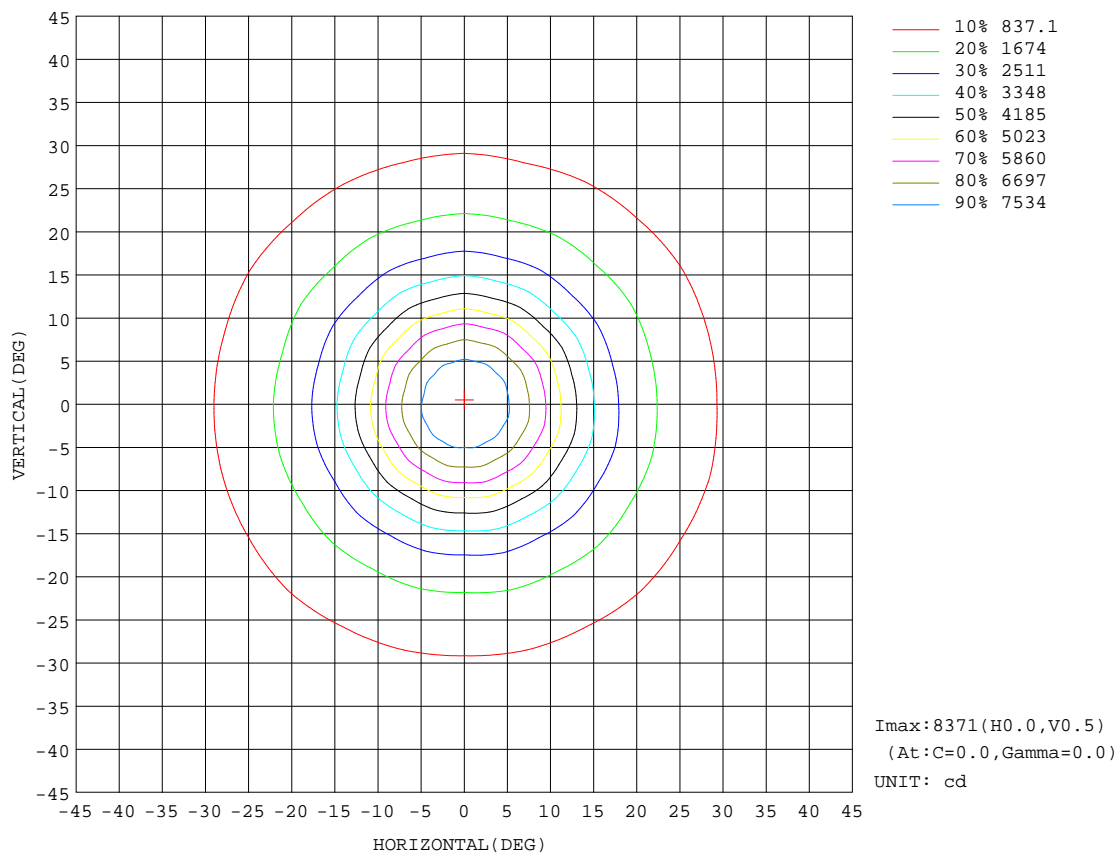
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	81	78	87	81	78	86	81	77	74
0.80	95	89	85	94	89	85	93	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	92	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:0.1240A P:27.00W PF:0.9590 Lamp Flux:2528.79x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



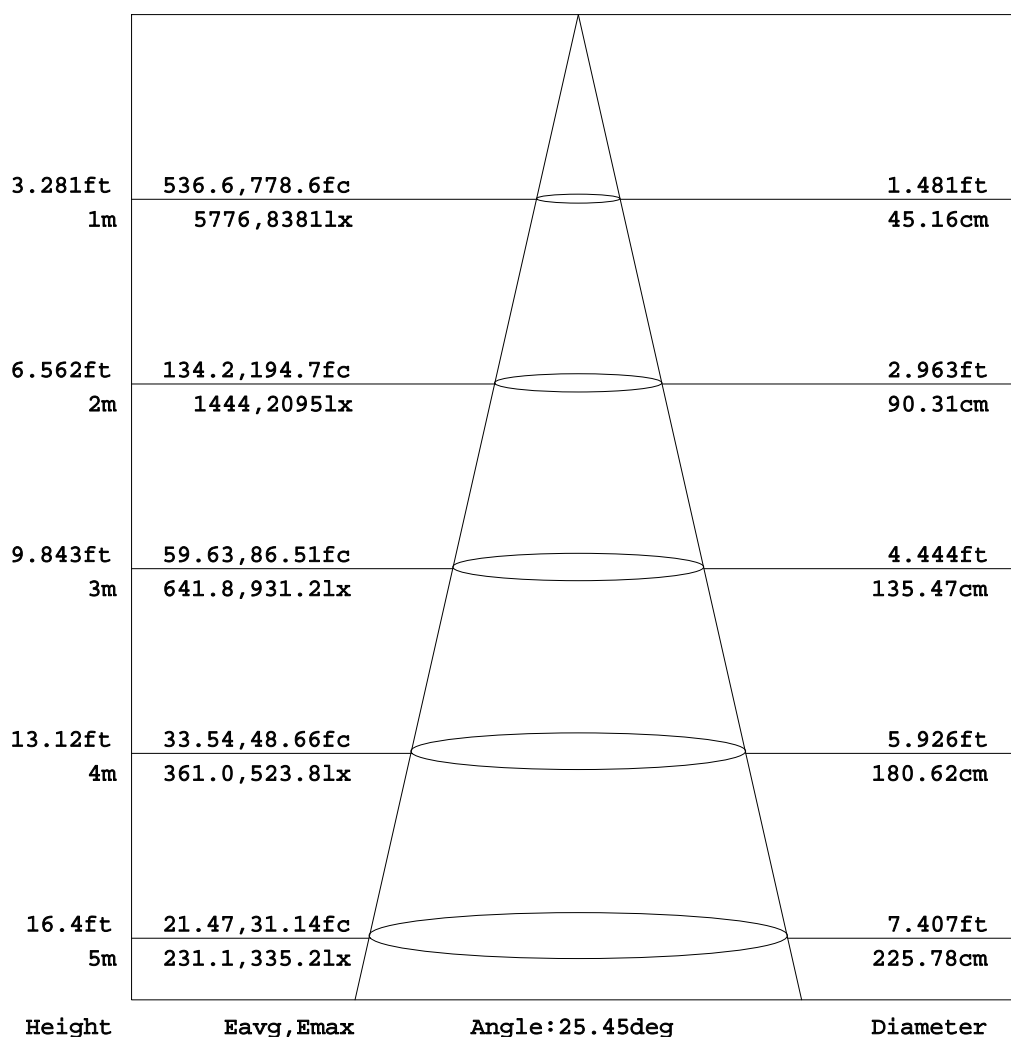
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZhangXiao
 Test Date: 2015-12-07

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:0.1240A P:27.00W PF:0.9590 Lamp Flux:2528.79x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:967.2 lm



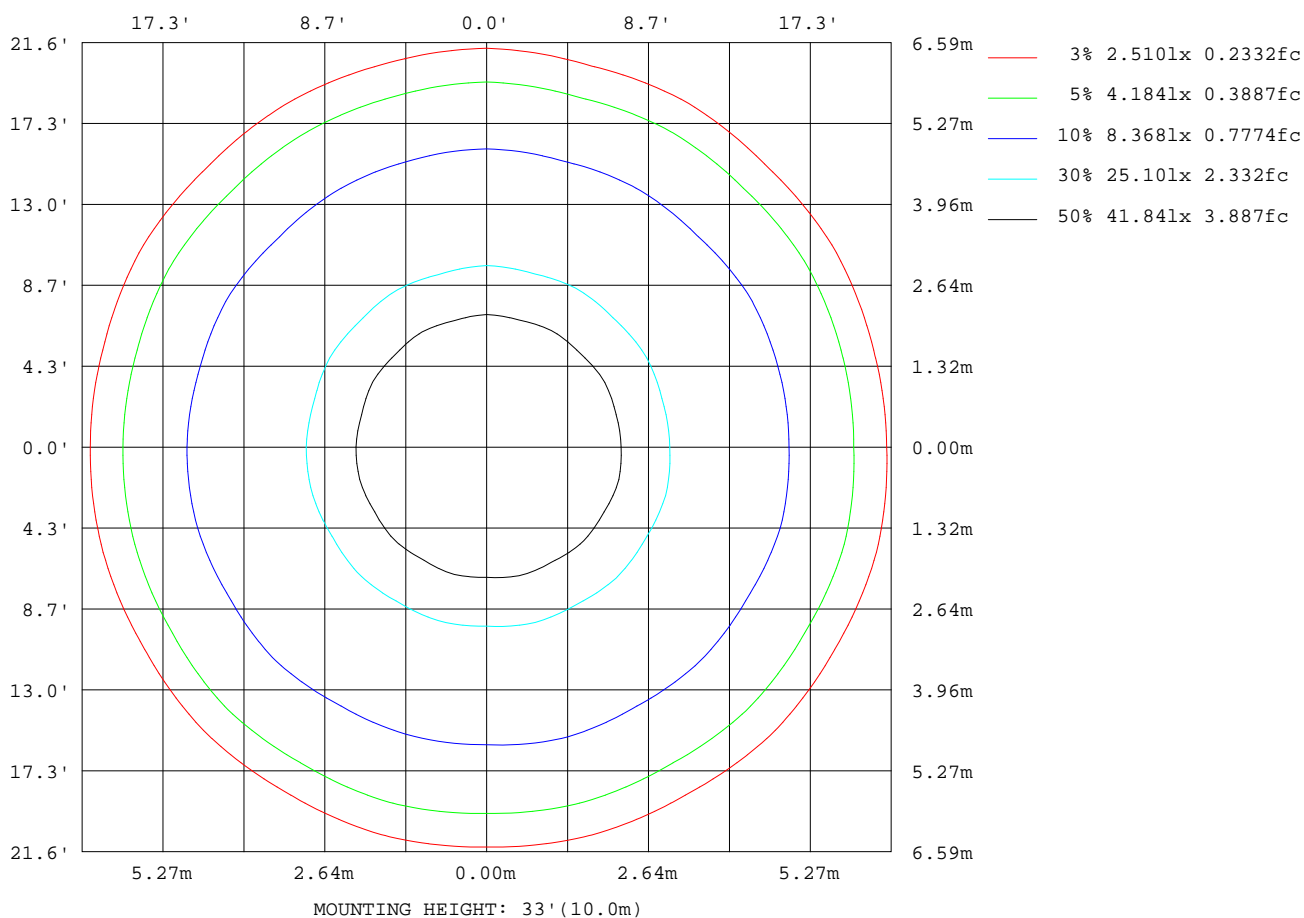
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

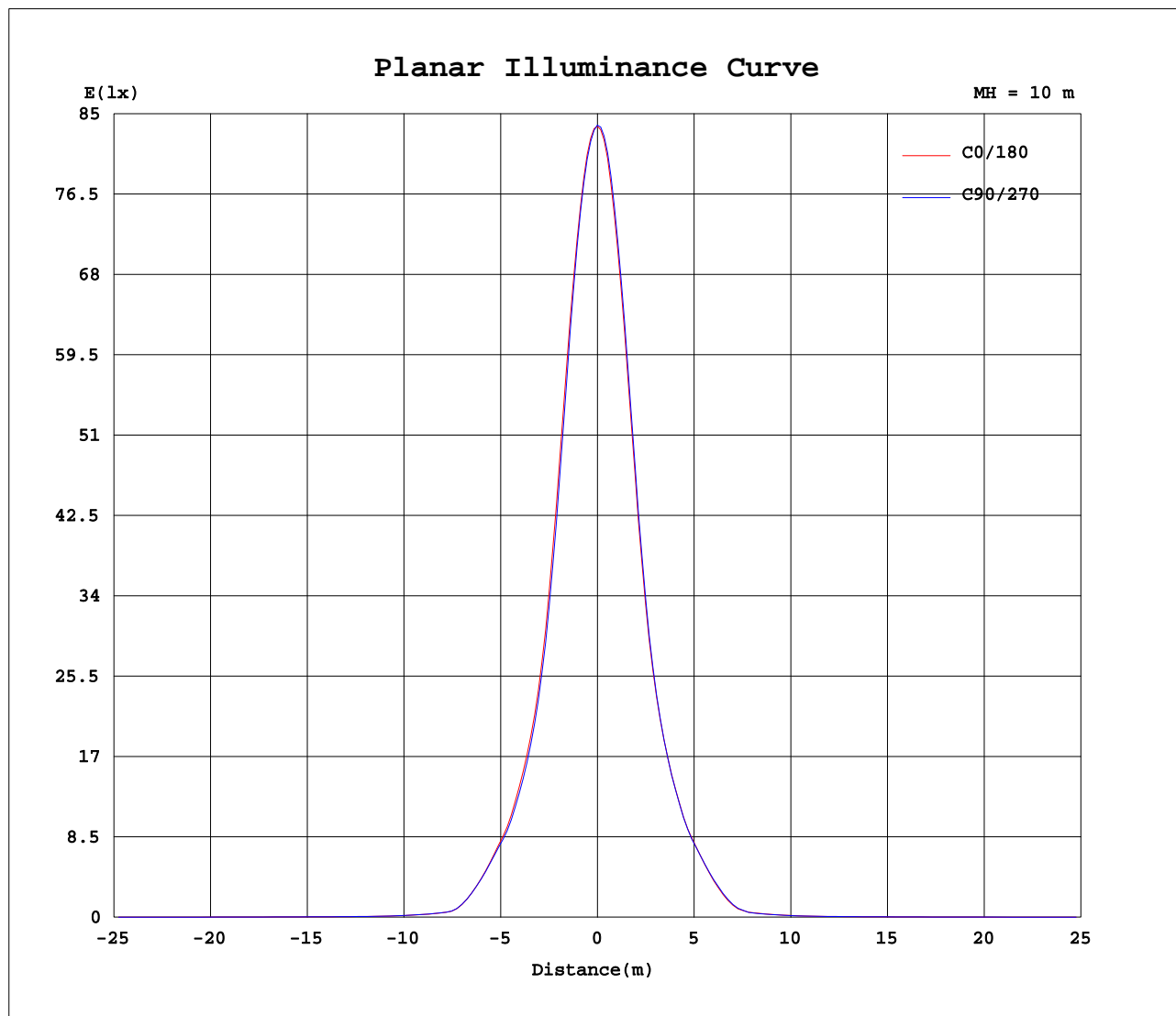
Test:U:226.5V I:0.1240A P:27.00W PF:0.9590 Lamp Flux:2528.79x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.1240A P:27.00W PF:0.9590 Lamp Flux:2528.79x1 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	8378	8378	8378	8378	8378	8378	8378	8378	8378	8378	8378	8378	8378	8378	8378	8378	8378	8378	8378
5	7609	7646	7581	7614	7556	7592	7542	7580	7531	7567	7511	7551	7524	7472	7542	7500	7578	7535	7607
10	5604	5675	5573	5610	5488	5521	5413	5457	5375	5442	5365	5441	5437	5352	5462	5389	5498	5424	5535
15	3375	3450	3371	3408	3300	3323	3226	3269	3202	3262	3199	3265	3263	3197	3275	3216	3298	3227	3311
20	2074	2118	2069	2092	2015	2035	1973	1997	1971	2019	1983	2031	2034	1988	2023	1975	2021	1989	2031
25	1286	1307	1274	1291	1254	1268	1230	1240	1224	1256	1235	1261	1260	1234	1253	1213	1237	1229	1255
30	759	793	765	781	749	767	748	766	749	776	741	742	731	717	734	703	718	714	740
35	245	269	266	285	261	263	249	263	242	252	234	242	234	231	248	235	245	233	246
40	87.8	91.1	90.7	91.6	89.2	90.0	90.7	93.7	92.9	93.8	91.9	92.4	90.0	88.0	88.4	84.9	85.1	83.2	85.1
45	52.4	54.7	54.7	55.9	54.4	54.9	54.1	56.0	55.0	55.3	53.7	54.2	53.1	52.1	53.3	51.7	52.1	50.9	52.0
50	33.6	34.1	33.8	33.8	33.4	33.6	33.4	33.9	33.9	34.1	33.7	33.9	34.0	33.9	34.1	33.9	33.8	33.3	33.6
55	27.7	27.9	27.7	27.7	27.8	27.9	27.8	28.0	28.1	28.2	28.0	28.3	28.3	28.4	28.5	28.2	28.2	27.8	27.9
60	22.7	22.9	22.6	22.8	22.7	22.9	22.6	22.7	22.5	22.6	22.4	22.7	22.7	22.8	23.1	22.9	23.0	22.8	23.1
65	17.4	17.6	17.5	17.5	17.4	17.4	17.1	17.2	17.0	17.1	16.9	17.2	17.1	17.2	17.6	17.5	17.6	17.5	17.7
70	13.3	13.6	13.4	13.4	13.1	13.1	12.9	12.9	12.9	12.9	12.7	12.8	12.8	12.8	13.2	13.1	13.3	13.1	13.3
75	9.87	10.00	9.83	9.81	9.61	9.60	9.45	9.55	9.48	9.53	9.37	9.42	9.37	9.38	9.55	9.52	9.63	9.58	9.72
80	6.91	6.96	6.88	6.88	6.78	6.80	6.70	6.72	6.62	6.67	6.58	6.63	6.75	6.72	6.81	6.74	6.77	6.76	6.90
85	5.18	5.14	5.17	5.13	5.16	5.12	5.15	5.12	5.15	5.12	5.14	5.11	5.70	5.70	5.69	5.68	5.68	5.68	5.68
90	4.83	4.80	4.81	4.79	4.80	4.77	4.79	4.76	4.78	4.76	4.78	4.76	5.85	5.85	5.84	5.84	5.83	5.83	5.83
95	4.45	4.41	4.43	4.40	4.41	4.38	4.40	4.37	4.40	4.37	4.39	4.37	5.97	5.96	5.96	5.95	5.95	5.94	5.95
100	4.27	4.26	4.26	4.24	4.25	4.23	4.24	4.22	4.23	4.22	4.24	4.23	6.10	6.09	6.09	6.08	6.08	6.08	6.07
105	4.49	4.48	4.48	4.47	4.47	4.46	4.47	4.46	4.48	4.47	4.49	4.49	6.33	6.34	6.32	6.33	6.31	6.32	6.31
110	5.12	5.08	5.10	5.08	5.10	5.07	5.11	5.09	5.13	5.11	5.15	5.13	6.74	6.75	6.73	6.74	6.72	6.73	6.71
115	6.04	5.98	6.02	5.97	6.02	5.97	6.03	5.99	6.06	6.02	6.08	6.04	7.41	7.43	7.39	7.41	7.37	7.39	7.35
120	7.26	7.19	7.24	7.17	7.24	7.18	7.26	7.21	7.29	7.24	7.32	7.26	8.44	8.48	8.42	8.45	8.39	8.42	8.35
125	8.97	8.87	8.96	8.87	8.96	8.88	8.99	8.91	9.03	8.95	9.07	8.98	9.96	10.0	9.93	9.98	9.89	9.94	9.85
130	11.2	11.1	11.2	11.1	11.2	11.1	11.2	11.2	11.3	11.2	11.3	11.3	12.0	12.1	12.0	12.0	11.9	12.0	11.9
135	13.7	13.6	13.7	13.6	13.7	13.6	13.7	13.7	13.8	13.7	13.8	13.7	14.3	14.4	14.3	14.3	14.2	14.3	14.2
140	16.0	15.9	16.0	15.9	16.0	16.0	16.1	16.0	16.1	16.1	16.1	16.1	16.5	16.6	16.5	16.5	16.5	16.5	16.4
145	18.0	17.9	17.9	17.9	18.0	17.9	18.0	17.9	18.0	18.0	18.0	18.0	18.3	18.4	18.3	18.4	18.3	18.4	18.3
150	19.4	19.3	19.3	19.3	19.3	19.3	19.4	19.3	19.4	19.3	19.4	19.3	19.7	19.7	19.7	19.7	19.7	19.7	19.6
155	20.3	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.5	20.6	20.5	20.5	20.5	20.5	20.5
160	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.9	20.9	20.9	20.9	20.9	20.9	20.9
165	20.9	20.9	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	21.0	21.0	21.0	21.0	21.0	21.0	21.0
170	20.7	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.5	20.5	20.5	20.5	20.8	20.8	20.8	20.8	20.8	20.8	20.8
175	20.4	20.4	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.2	20.3	20.3	20.5	20.5	20.5	20.5	20.5	20.5	20.5
180	20.6	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.6	20.5	20.5	20.5	20.5	20.5	20.5

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:0.1240A P:27.00W PF:0.9590 Lamp Flux:2528.79x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	8378	8378	8378	8378	8378														
5	7563	7629	7585	7644	7590														
10	5462	5588	5520	5635	5566														
15	3247	3338	3284	3385	3332														
20	1991	2040	2012	2073	2049														
25	1229	1261	1251	1293	1278														
30	707	742	738	776	764														
35	233	249	232	246	237														
40	85.5	87.4	85.4	86.0	85.1														
45	51.2	52.2	50.9	51.6	50.8														
50	33.5	33.7	33.2	33.2	32.9														
55	27.9	28.1	27.6	27.5	27.1														
60	23.0	23.2	22.7	22.6	22.1														
65	17.5	17.6	17.2	17.2	16.9														
70	13.2	13.2	13.0	13.1	13.0														
75	9.72	9.81	9.77	9.84	9.76														
80	6.96	7.09	7.12	7.17	7.07														
85	5.68	5.68	5.68	5.68	5.68														
90	5.83	5.84	5.84	5.84	5.84														
95	5.95	5.95	5.96	5.96	5.96														
100	6.08	6.08	6.08	6.08	6.08														
105	6.32	6.31	6.32	6.31	6.31														
110	6.72	6.70	6.72	6.70	6.71														
115	7.37	7.34	7.37	7.34	7.36														
120	8.39	8.34	8.38	8.33	8.37														
125	9.89	9.82	9.87	9.79	9.86														
130	11.9	11.8	11.9	11.8	11.9														
135	14.2	14.1	14.2	14.1	14.2														
140	16.5	16.4	16.4	16.3	16.4														
145	18.3	18.2	18.3	18.2	18.3														
150	19.7	19.6	19.6	19.6	19.6														
155	20.5	20.5	20.5	20.4	20.5														
160	20.9	20.9	20.9	20.9	20.9														
165	21.0	21.0	21.0	21.0	21.0														
170	20.8	20.8	20.8	20.8	20.8														
175	20.5	20.5	20.5	20.5	20.5														
180	20.5	20.5	20.5	20.5	20.5														

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: