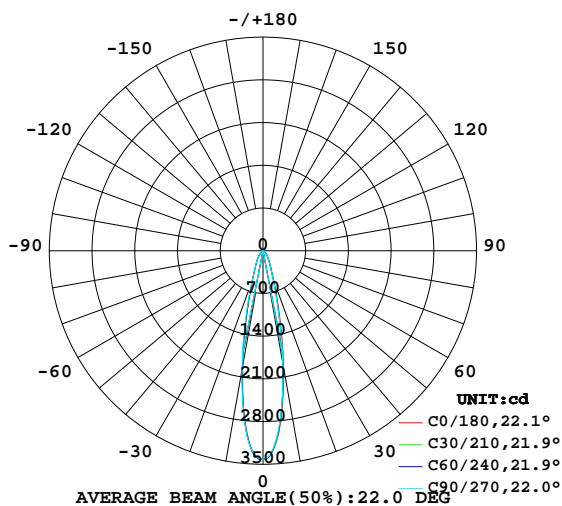


LUMINAIRE PHOTOMETRIC TEST REPORT

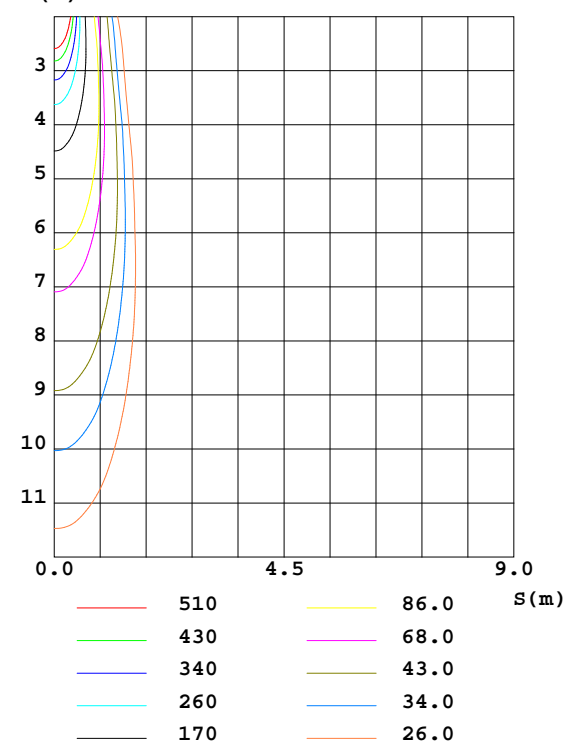
Test:U:226.5V I:0.0590A P:10.70W PF:0.7900 Lamp Flux:886.135x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 82.82 lm/W			
MODEL	M032-11W-930-S-24	Imax(cd)	3419	S/MH(C0/180)	0.38
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.37
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	886.14	η UP,DN(C0-180)	1.2,48.1
NOMINAL FLUX(lm)	886.135	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,49.3
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	1935	1914	1866	1925	1935	1904	1989	1980	0- 10	250.2	250.2	28.2,28.2
20	507.4	502.9	470.9	503.6	502.1	491.0	518.5	532.6	10- 20	283.4	533.7	60.2,60.2
30	197.7	207.5	199.1	203.0	205.1	206.5	207.7	203.6	20- 30	143.0	676.7	76.4,76.4
40	92.81	106.2	103.1	92.77	91.89	101.5	101.9	97.03	30- 40	90.42	767.1	86.6,86.6
50	39.54	48.97	45.66	37.01	37.29	44.33	49.23	41.04	40- 50	51.29	818.4	92.4,92.4
60	16.08	16.79	15.71	14.88	14.33	15.29	16.48	16.74	50- 60	23.69	842.1	95,95
70	8.350	8.649	8.365	7.680	7.824	7.914	8.308	8.084	60- 70	11.22	853.3	96.3,96.3
80	4.851	4.292	7.950	4.074	4.653	3.990	6.494	4.203	70- 80	6.737	860.1	97.1,97.1
90	1.783	1.611	1.973	1.744	2.120	1.941	2.273	2.127	80- 90	3.375	863.5	97.4,97.4
100	1.583	1.392	1.860	1.537	2.255	2.064	2.409	2.159	90-100	2.052	865.5	97.7,97.7
110	2.077	1.759	2.277	1.888	2.496	2.290	2.692	2.353	100-110	2.164	867.7	97.9,97.9
120	2.632	2.395	2.976	2.527	2.956	2.746	3.167	2.790	110-120	2.438	870.1	98.2,98.2
130	3.740	3.674	4.073	3.802	3.998	3.907	4.168	3.935	120-130	2.915	873.0	98.5,98.5
140	5.334	5.341	5.709	5.451	5.510	5.479	5.703	5.485	130-140	3.640	876.7	98.9,98.9
150	6.342	6.320	6.621	6.411	6.488	6.436	6.622	6.455	140-150	3.784	880.4	99.4,99.4
160	6.785	6.786	6.848	6.818	6.863	6.865	6.900	6.850	150-160	3.091	883.5	99.7,99.7
170	6.807	6.795	6.804	6.803	6.851	6.884	6.899	6.895	160-170	1.954	885.5	99.9,99.9
180	6.660	6.660	6.685	6.691	6.657	6.660	6.687	6.691	170-180	0.6429	886.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

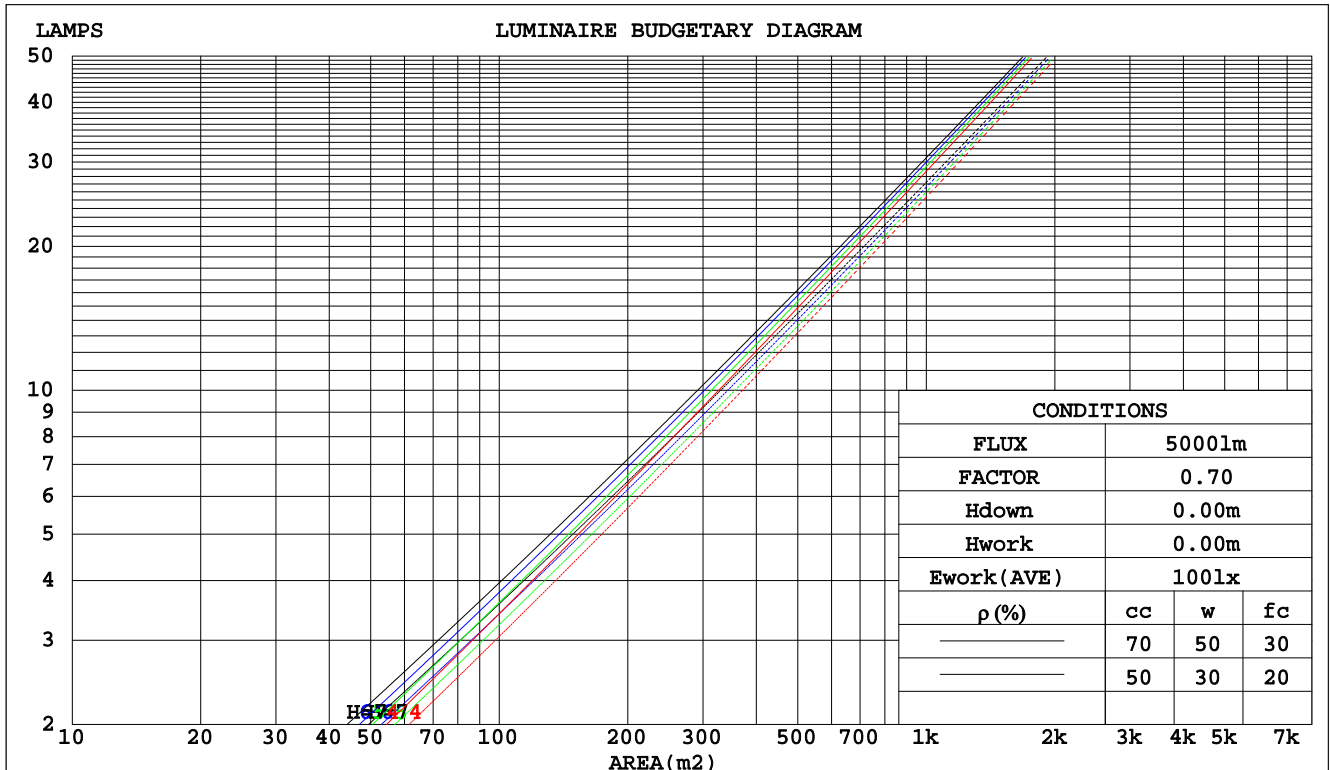
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:0.0590A P:10.70W PF:0.7900 Lamp Flux:886.135x1 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	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.04	.00	.97	1.02	.98	.95	.98	.95	.93	.95	.93	.91	.92	.90	.88	.87
3.0	.98	.93	.89	.96	.92	.89	.93	.90	.87	.90	.88	.85	.88	.86	.84	.82
4.0	.92	.87	.84	.91	.87	.83	.89	.85	.82	.86	.83	.81	.84	.82	.79	.78
5.0	.88	.83	.79	.87	.82	.78	.85	.81	.77	.83	.79	.77	.81	.78	.76	.74
6.0	.84	.78	.75	.83	.78	.74	.81	.77	.74	.80	.76	.73	.78	.75	.72	.71
7.0	.80	.75	.71	.79	.74	.71	.78	.74	.70	.76	.73	.70	.75	.72	.69	.68
8.0	.77	.72	.68	.76	.71	.68	.75	.71	.67	.74	.70	.67	.73	.69	.67	.65
9.0	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.65	.70	.67	.64	.63
10.0	.71	.66	.63	.71	.66	.63	.70	.65	.63	.69	.65	.62	.68	.65	.62	.61



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:0.0590A P:10.70W PF:0.7900 Lamp Flux:886.135x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0	
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
p _{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.170	.097	.031	.163	.093	.029	.149	.085	.027	.136	.078	.025	.124	.072	.023		
2.0	.159	.087	.027	.153	.084	.026	.141	.078	.024	.130	.073	.023	.120	.068	.021		
3.0	.149	.079	.024	.144	.077	.023	.133	.072	.022	.124	.068	.021	.115	.064	.020		
4.0	.140	.073	.021	.135	.071	.021	.126	.067	.020	.118	.063	.019	.111	.060	.018		
5.0	.131	.067	.019	.127	.065	.019	.120	.062	.018	.113	.059	.018	.106	.057	.017		
6.0	.124	.062	.018	.120	.061	.018	.114	.058	.017	.107	.056	.016	.102	.053	.016		
7.0	.117	.058	.016	.114	.057	.016	.108	.055	.016	.103	.053	.015	.097	.051	.015		
8.0	.111	.054	.015	.109	.053	.015	.103	.052	.015	.098	.050	.014	.094	.048	.014		
9.0	.106	.051	.014	.103	.050	.014	.099	.049	.014	.094	.047	.014	.090	.046	.013		
10.0	.101	.048	.013	.099	.048	.013	.094	.046	.013	.090	.045	.013	.087	.044	.012		

pcc	80%			70%			50%			30%			10%			0	
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
p _{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.210	.210	.210	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022		
1.0	.190	.177	.165	.163	.152	.142	.111	.105	.098	.064	.060	.057	.021	.019	.018		
2.0	.174	.152	.134	.149	.131	.116	.102	.091	.081	.059	.053	.047	.019	.017	.015		
3.0	.161	.133	.111	.138	.115	.097	.095	.080	.068	.055	.047	.040	.018	.015	.013		
4.0	.150	.119	.095	.129	.102	.082	.088	.071	.058	.051	.042	.034	.016	.014	.011		
5.0	.140	.107	.082	.120	.092	.071	.083	.065	.050	.048	.038	.030	.015	.012	.010		
6.0	.132	.097	.072	.113	.084	.063	.078	.059	.044	.045	.035	.026	.015	.011	.009		
7.0	.125	.089	.064	.107	.077	.056	.074	.054	.040	.043	.032	.024	.014	.010	.008		
8.0	.119	.083	.058	.102	.072	.051	.071	.050	.036	.041	.030	.022	.013	.010	.007		
9.0	.113	.077	.053	.097	.067	.047	.067	.047	.033	.039	.028	.020	.013	.009	.007		
10.0	.108	.073	.049	.093	.063	.043	.065	.045	.031	.038	.026	.018	.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:0.0590A P:10.70W PF:0.7900 Lamp Flux:886.135x1 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		20.9	21.7	21.1	21.9	22.1	21.2	22.0	21.5	22.2	22.4
	3H	21.1	21.9	21.4	22.1	22.3	21.4	22.2	21.7	22.4	22.7
	4H	21.3	22.0	21.6	22.2	22.5	21.6	22.3	21.9	22.5	22.8
	6H	21.4	22.1	21.8	22.4	22.7	22.3	23.0	22.6	23.2	23.5
	8H	21.5	22.2	21.9	22.5	22.8	22.5	23.2	22.9	23.5	23.8
	12H	21.7	22.3	22.0	22.6	22.9	22.6	23.3	23.0	23.6	23.9
4H	2H	20.9	21.6	21.2	21.9	22.1	21.2	21.9	21.5	22.2	22.5
	3H	21.3	21.9	21.6	22.2	22.5	21.5	22.2	21.9	22.5	22.8
	4H	21.5	22.1	21.9	22.4	22.8	21.8	22.4	22.2	22.7	23.1
	6H	21.8	22.3	22.2	22.7	23.1	22.9	23.4	23.3	23.8	24.2
	8H	21.9	22.4	22.4	22.8	23.2	23.3	23.8	23.7	24.2	24.6
	12H	22.1	22.6	22.6	23.0	23.4	23.5	23.9	24.0	24.4	24.8
8H	4H	21.5	22.0	22.0	22.4	22.8	21.8	22.3	22.2	22.7	23.1
	6H	21.9	22.3	22.4	22.7	23.2	23.0	23.4	23.5	23.8	24.3
	8H	22.1	22.5	22.6	22.9	23.4	23.5	23.9	24.0	24.3	24.8
	12H	22.4	22.7	22.9	23.2	23.7	23.9	24.2	24.4	24.6	25.2
12H	4H	21.5	22.0	22.0	22.4	22.8	21.8	22.2	22.2	22.6	23.1
	6H	21.9	22.3	22.4	22.7	23.2	23.0	23.4	23.5	23.8	24.3
	8H	22.2	22.5	22.7	23.0	23.5	23.5	23.8	24.0	24.3	24.8
Variations with the observer position at spacings:											
S = 1.0H	+ 1.0 / - 1.5					+ 0.9 / - 1.2					
1.5H	+ 1.3 / - 1.2					+ 1.1 / - 1.2					
2.0H	+ 1.9 / - 1.2					+ 1.9 / - 1.3					

CIE Pub.117 Corrected 886.1 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.4)

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:

UTILIZATION FACTORS TABLE

Test:U:226.5V I:0.0590A P:10.70W PF:0.7900 Lamp Flux:886.135x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

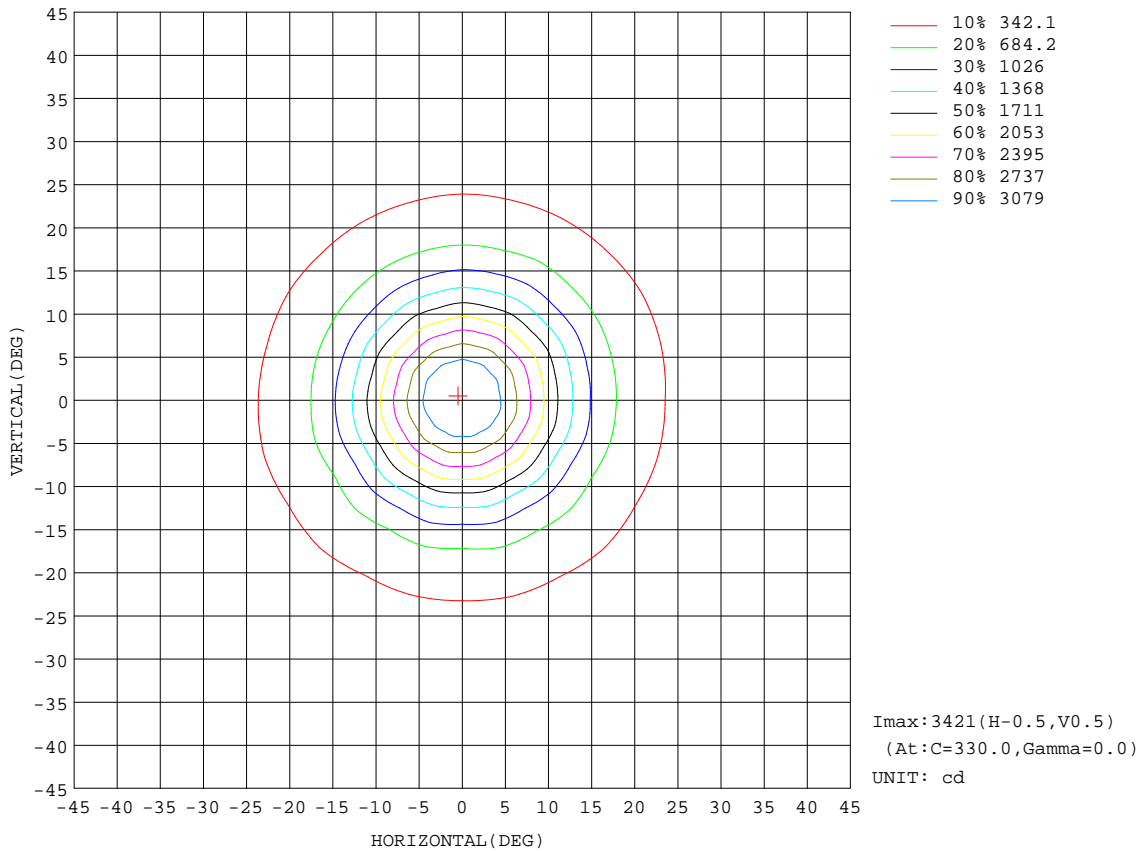
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	83	76	72	82	75	72	68
0.80	91	84	80	90	84	80	89	83	80	75
1.00	96	90	86	95	89	85	93	89	85	80
1.25	100	94	90	99	94	90	97	92	89	84
1.50	103	98	94	102	97	93	99	95	92	87
2.00	106	102	98	105	100	97	101	98	95	89
2.50	108	104	101	106	102	99	103	100	97	91
3.00	110	106	103	108	104	102	104	101	99	92
4.00	112	109	107	110	107	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	104	95
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:0.0590A P:10.70W PF:0.7900 Lamp Flux:886.135x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

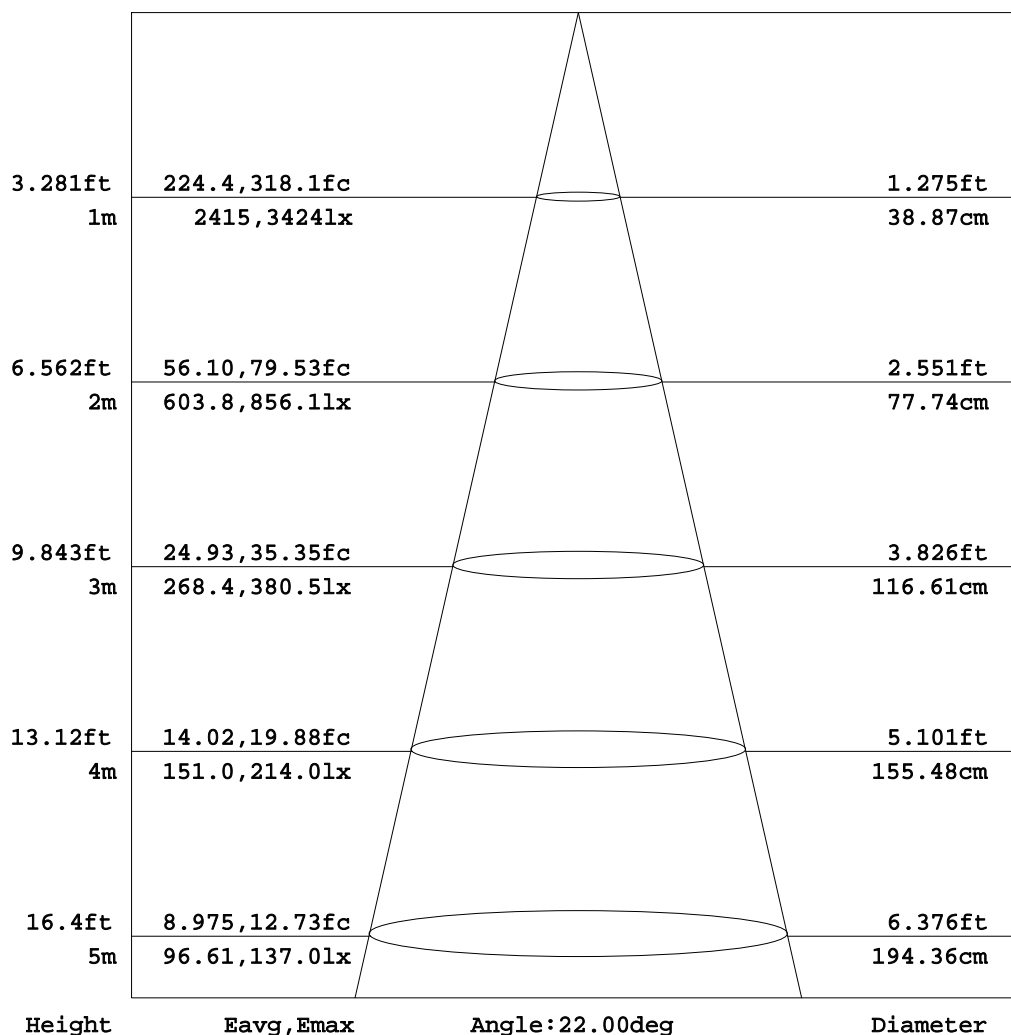


C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Temperature:25.3DEG	Humidity:65.0%
Operators:ZhangXiao	Test Distance:6.590m [K=1.0000]
Test Date:2015-12-07	Remarks:

AAI Figure

Test:U:226.5V I:0.0590A P:10.70W PF:0.7900 Lamp Flux:886.135x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:286.7 lm



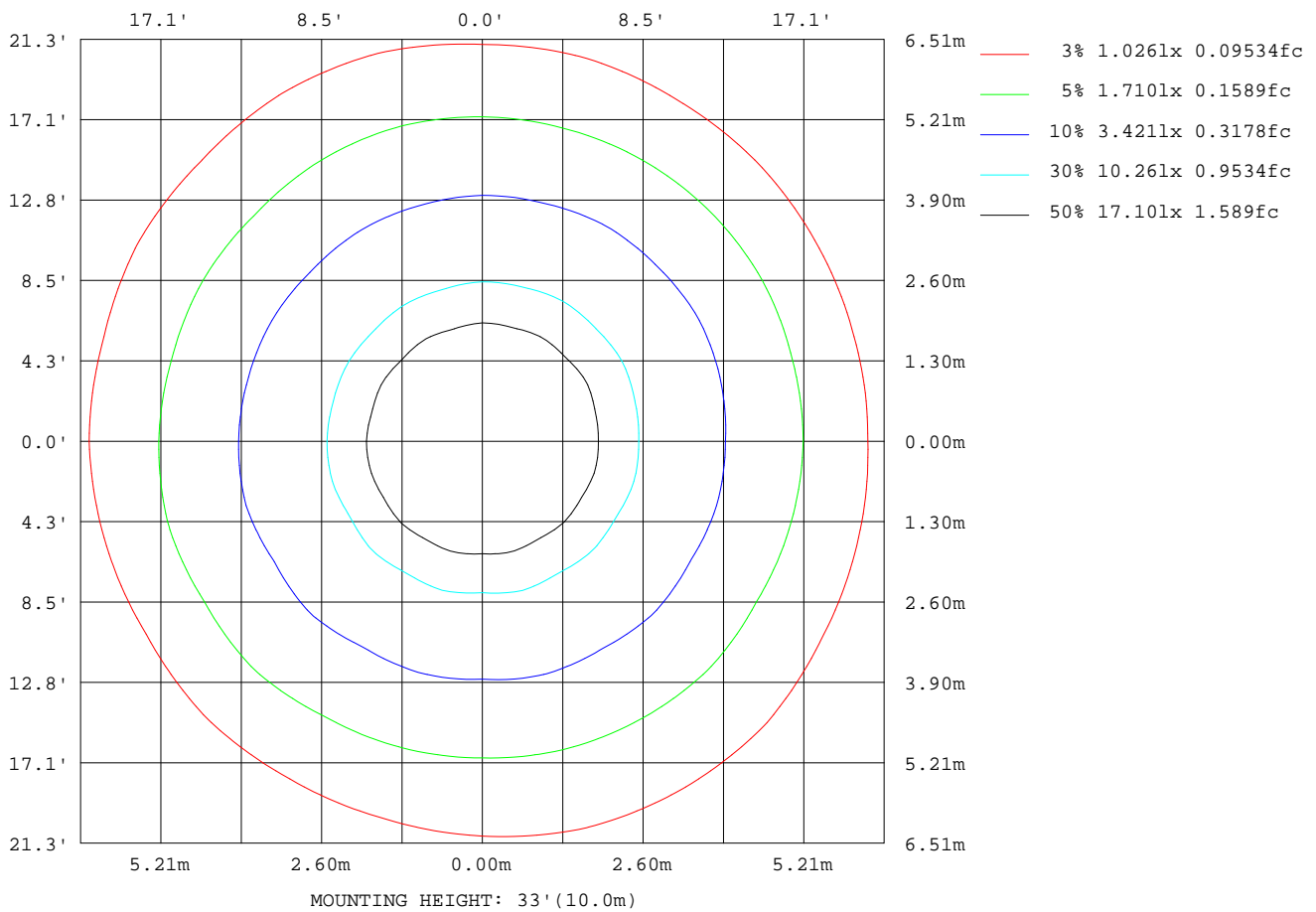
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

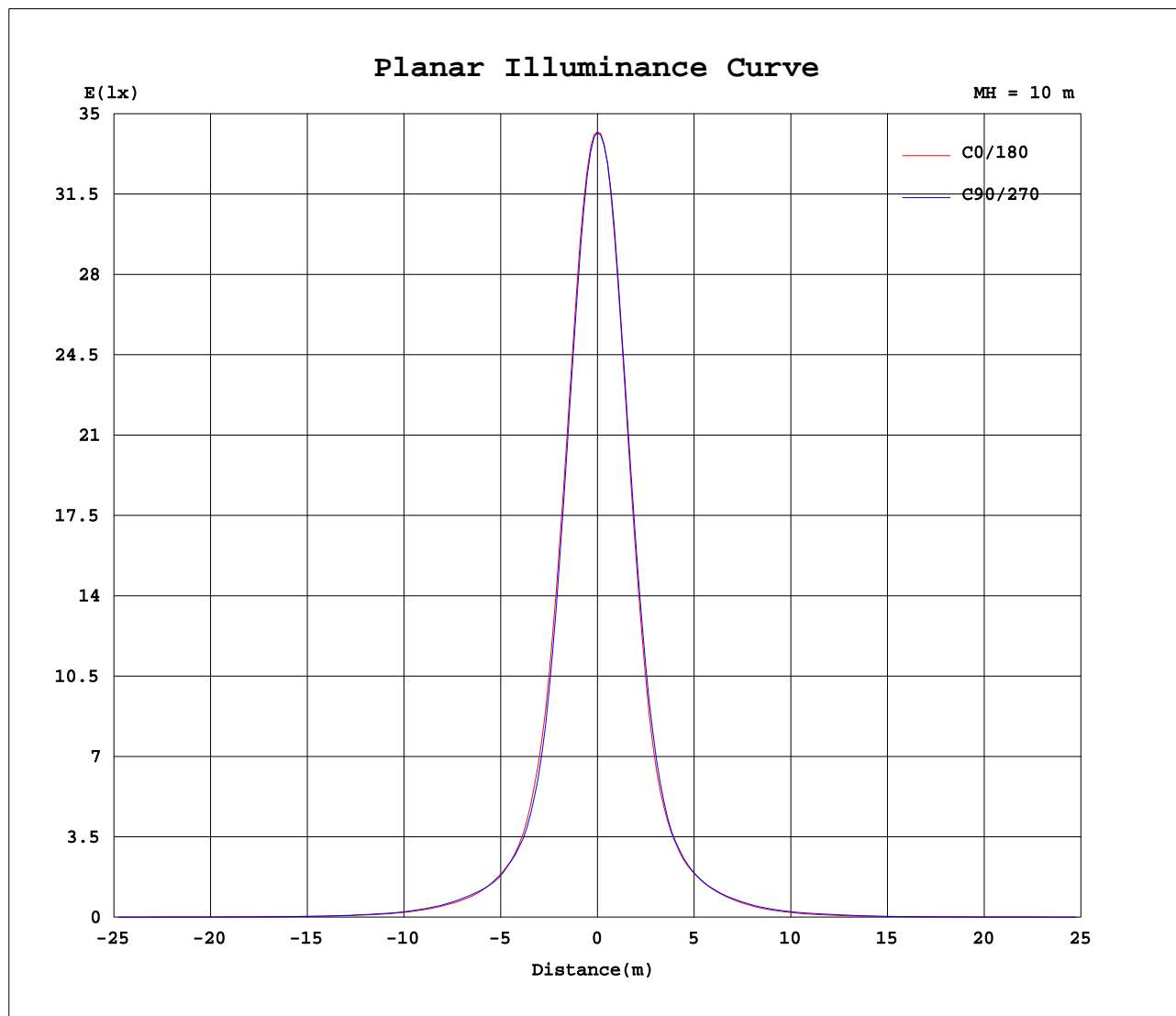
Test:U:226.5V I:0.0590A P:10.70W PF:0.7900 Lamp Flux:886.135x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.0590A P:10.70W PF:0.7900 Lamp Flux:886.135x1 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	3419	3419	3419	3419	3419	3419	3419	3419	3419	3419	3419	3419	3419	3419	3419	3419	3419	3419	3419
5	2994	3016	2976	2985	2954	2972	2943	2973	2954	2984	2965	3003	3007	2987	3031	2999	3034	3008	3041
10	1935	1944	1891	1914	1865	1902	1866	1908	1880	1925	1889	1930	1935	1897	1939	1904	1959	1932	1989
15	1001	1011	961	992	946	979	931	978	934	988	936	990	981	976	983	981	1011	1008	1045
20	507	505	484	503	483	498	471	487	473	504	481	510	502	496	496	491	507	506	518
25	299	297	295	305	298	304	297	293	291	301	297	308	302	295	300	297	303	307	309
30	198	198	200	207	208	206	199	198	198	203	201	206	205	204	206	207	210	213	208
35	136	139	143	152	153	155	149	143	138	139	135	138	141	141	147	148	153	152	148
40	92.8	96.1	100	106	105	106	103	98.7	94.5	92.8	93.3	95.5	91.9	92.2	99.4	101	104	104	102
45	60.8	63.6	67.9	71.9	72.1	72.1	68.3	66.2	60.4	60.0	59.8	60.7	58.2	58.5	64.0	67.1	69.7	69.7	70.4
50	39.5	42.2	46.3	49.0	49.7	49.1	45.7	42.4	39.9	37.0	36.1	37.0	37.3	36.9	41.6	44.3	47.1	49.5	49.2
55	24.5	26.2	28.8	27.8	26.7	25.8	25.3	25.0	23.0	21.4	21.0	22.3	21.2	23.2	25.6	26.1	27.2	26.5	28.6
60	16.1	16.3	17.1	16.8	15.9	15.7	15.7	15.2	14.6	14.9	14.1	14.6	14.3	14.7	15.9	15.3	15.6	16.0	16.5
65	11.3	11.5	12.3	11.9	11.5	11.4	11.2	10.9	10.5	10.2	9.91	10.4	10.2	10.4	11.3	10.8	11.2	11.3	11.5
70	8.35	8.31	8.91	8.65	8.58	8.52	8.37	8.08	7.94	7.68	7.44	7.79	7.82	7.80	8.42	7.91	8.20	8.29	8.31
75	6.13	6.11	6.32	6.31	6.30	6.41	6.37	6.12	5.95	5.82	5.67	5.89	5.82	5.78	6.18	5.86	6.04	6.13	6.19
80	4.85	4.14	4.18	4.29	4.23	10.2	7.95	4.33	4.14	4.07	3.94	4.60	4.65	3.96	4.12	3.99	4.13	9.38	6.49
85	3.32	2.59	2.59	2.65	2.61	3.84	3.42	2.83	2.73	2.67	2.60	2.76	2.97	2.63	2.67	2.65	2.70	3.68	3.47
90	1.78	1.58	1.60	1.61	1.63	1.89	1.97	1.86	1.83	1.74	1.75	1.87	2.12	1.94	1.93	1.94	1.93	2.18	2.27
95	1.67	1.40	1.43	1.41	1.44	1.87	1.82	1.64	1.63	1.56	1.57	1.75	2.21	1.97	1.99	1.98	2.00	2.36	2.29
100	1.58	1.38	1.41	1.39	1.40	2.09	1.86	1.62	1.60	1.54	1.52	1.76	2.25	2.05	2.07	2.06	2.09	2.70	2.41
105	1.79	1.49	1.50	1.52	1.53	2.18	1.99	1.74	1.69	1.66	1.63	1.97	2.38	2.16	2.17	2.16	2.19	2.98	2.56
110	2.08	1.73	1.74	1.76	1.78	2.40	2.28	1.97	1.92	1.89	1.89	2.21	2.50	2.27	2.29	2.29	2.31	2.94	2.69
115	2.38	2.01	2.04	2.04	2.07	2.73	2.59	2.26	2.21	2.17	2.19	2.49	2.66	2.45	2.46	2.46	2.48	3.06	2.88
120	2.63	2.36	2.38	2.40	2.43	2.99	2.98	2.62	2.57	2.53	2.56	2.78	2.96	2.74	2.74	2.75	2.77	3.26	3.17
125	3.14	2.88	2.92	2.92	2.98	3.35	3.44	3.16	3.11	3.06	3.10	3.32	3.43	3.23	3.21	3.22	3.22	3.59	3.59
130	3.74	3.63	3.68	3.67	3.74	4.00	4.07	3.90	3.86	3.80	3.84	4.02	4.00	3.93	3.90	3.91	3.90	4.14	4.17
135	4.55	4.50	4.54	4.54	4.61	4.82	4.95	4.76	4.72	4.66	4.69	4.86	4.78	4.74	4.70	4.72	4.71	4.91	4.95
140	5.33	5.30	5.34	5.34	5.40	5.62	5.71	5.55	5.50	5.45	5.48	5.57	5.51	5.50	5.47	5.48	5.48	5.62	5.70
145	5.96	5.90	5.92	5.93	5.97	6.19	6.26	6.12	6.07	6.03	6.05	6.12	6.11	6.06	6.05	6.05	6.06	6.22	6.27
150	6.34	6.30	6.32	6.32	6.36	6.54	6.62	6.51	6.45	6.41	6.44	6.51	6.49	6.44	6.43	6.44	6.45	6.59	6.62
155	6.64	6.58	6.59	6.59	6.62	6.84	6.88	6.75	6.69	6.66	6.68	6.73	6.69	6.69	6.70	6.69	6.71	6.84	6.87
160	6.79	6.78	6.79	6.79	6.80	6.84	6.85	6.83	6.82	6.82	6.81	6.81	6.86	6.86	6.87	6.86	6.88	6.89	6.90
165	6.88	6.89	6.89	6.88	6.89	6.89	6.90	6.90	6.90	6.90	6.90	6.90	6.94	6.94	6.95	6.95	6.96	6.96	6.94
170	6.81	6.80	6.80	6.79	6.81	6.80	6.80	6.79	6.81	6.80	6.81	6.82	6.85	6.87	6.87	6.88	6.89	6.91	6.90
175	6.63	6.62	6.62	6.62	6.62	6.63	6.64	6.64	6.64	6.65	6.64	6.66	6.67	6.69	6.68	6.70	6.71	6.72	6.72
180	6.66	6.66	6.66	6.66	6.67	6.68	6.68	6.69	6.69	6.69	6.69	6.69	6.66	6.66	6.66	6.66	6.67	6.68	6.69

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:0.0590A P:10.70W PF:0.7900 Lamp Flux:886.135x1 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	3419	3419	3419	3419	3419														
5	3016	3045	3011	3034	2991														
10	1967	2013	1980	2015	1953														
15	1046	1081	1055	1071	1025														
20	521	544	533	536	520														
25	306	307	307	312	307														
30	208	204	204	200	197														
35	146	143	141	137	136														
40	101	98.3	97.0	95.8	93.9														
45	67.5	66.1	64.1	64.8	63.2														
50	45.6	42.6	41.0	41.0	41.2														
55	27.5	27.2	24.7	24.5	24.6														
60	16.1	16.5	16.7	15.6	16.3														
65	11.1	11.5	11.1	11.0	11.3														
70	8.07	8.41	8.08	8.03	8.23														
75	6.04	6.09	6.00	5.95	6.05														
80	4.29	4.26	4.20	4.18	4.81														
85	2.88	2.85	2.81	2.78	2.95														
90	2.11	2.06	2.13	2.03	2.18														
95	2.16	2.11	2.08	2.08	2.27														
100	2.23	2.18	2.16	2.16	2.35														
105	2.32	2.27	2.24	2.26	2.53														
110	2.44	2.39	2.35	2.39	2.76														
115	2.60	2.55	2.52	2.56	2.90														
120	2.88	2.81	2.79	2.83	3.09														
125	3.34	3.27	3.25	3.29	3.47														
130	4.02	3.93	3.93	3.96	4.13														
135	4.81	4.73	4.73	4.75	4.90														
140	5.56	5.49	5.49	5.50	5.61														
145	6.14	6.07	6.06	6.08	6.17														
150	6.52	6.46	6.45	6.48	6.53														
155	6.76	6.71	6.70	6.72	6.86														
160	6.88	6.86	6.85	6.85	6.86														
165	6.95	6.95	6.95	6.94	6.95														
170	6.90	6.89	6.89	6.88	6.89														
175	6.73	6.71	6.72	6.71	6.72														
180	6.69	6.69	6.69	6.68	6.70														

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: