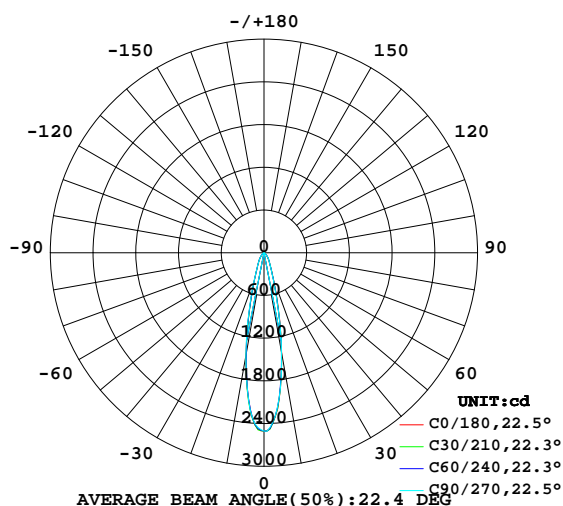


LUMINAIRE PHOTOMETRIC TEST REPORT

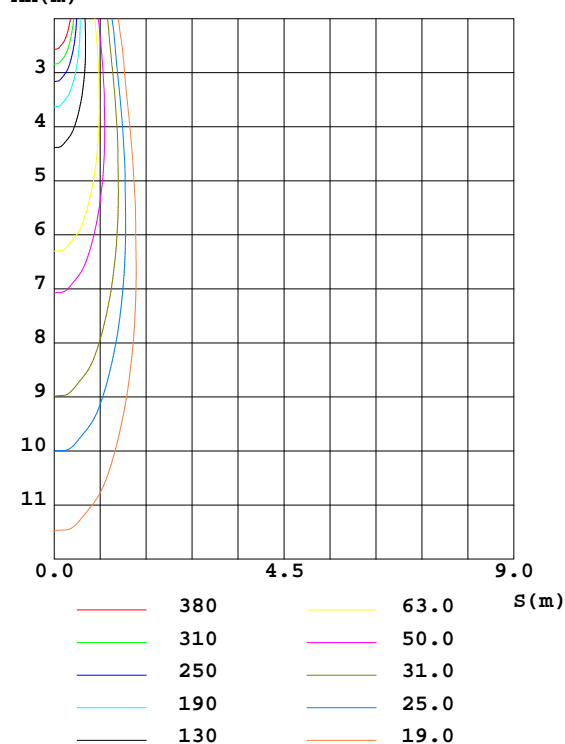
Test:U:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:663.421x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 77.87 lm/W			
MODEL	M022-9W-927-S-24	Imax(cd)	2513	S/MH(C0/180)	0.38
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.38
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	663.42	η UP,DN(C0-180)	1.2,48.7
NOMINAL FLUX(lm)	663.421	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.8
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.4	η down(%)	97.5	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	1429	1452	1420	1462	1450	1407	1466	1453	0- 10	184.7	184.7	27.8,27.8
20	384.6	395.8	363.1	390.8	386.8	368.4	389.5	396.2	10- 20	214.3	398.9	60.1,60.1
30	145.0	158.5	150.1	155.8	153.7	153.0	153.0	149.1	20- 30	107.7	506.6	76.4,76.4
40	69.44	80.15	77.26	72.73	69.00	76.98	75.07	69.51	30- 40	67.81	574.5	86.6,86.6
50	30.47	37.44	34.83	28.23	27.98	34.94	35.74	29.95	40- 50	38.64	613.1	92.4,92.4
60	11.89	12.12	11.58	10.68	10.93	11.63	12.25	11.71	50- 60	17.96	631.1	95.1,95.1
70	6.064	6.302	5.917	5.596	5.794	6.007	6.042	5.742	60- 70	8.332	639.4	96.4,96.4
80	2.960	3.106	3.080	2.890	2.852	2.905	3.100	2.964	70- 80	4.955	644.4	97.1,97.1
90	1.122	1.146	1.273	1.220	1.378	1.388	1.510	1.490	80- 90	2.467	646.8	97.5,97.5
100	0.9840	0.9880	1.125	1.075	1.481	1.490	1.616	1.533	90-100	1.480	648.3	97.7,97.7
110	1.221	1.264	1.365	1.340	1.652	1.658	1.784	1.692	100-110	1.569	649.9	98,98
120	1.707	1.740	1.857	1.829	2.000	2.003	2.118	2.033	110-120	1.775	651.6	98.2,98.2
130	2.666	2.689	2.814	2.774	2.870	2.885	2.978	2.898	120-130	2.130	653.8	98.5,98.5
140	3.909	3.938	4.035	3.996	4.038	4.051	4.131	4.045	130-140	2.669	656.4	98.9,98.9
150	4.648	4.683	4.754	4.767	4.766	4.759	4.842	4.771	140-150	2.783	659.2	99.4,99.4
160	5.015	5.028	5.037	5.042	5.086	5.093	5.096	5.059	150-160	2.280	661.5	99.7,99.7
170	5.044	5.028	5.035	5.023	5.060	5.101	5.084	5.087	160-170	1.444	662.9	99.9,99.9
180	4.929	4.939	4.949	4.946	4.932	4.939	4.944	4.944	170-180	0.4755	663.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

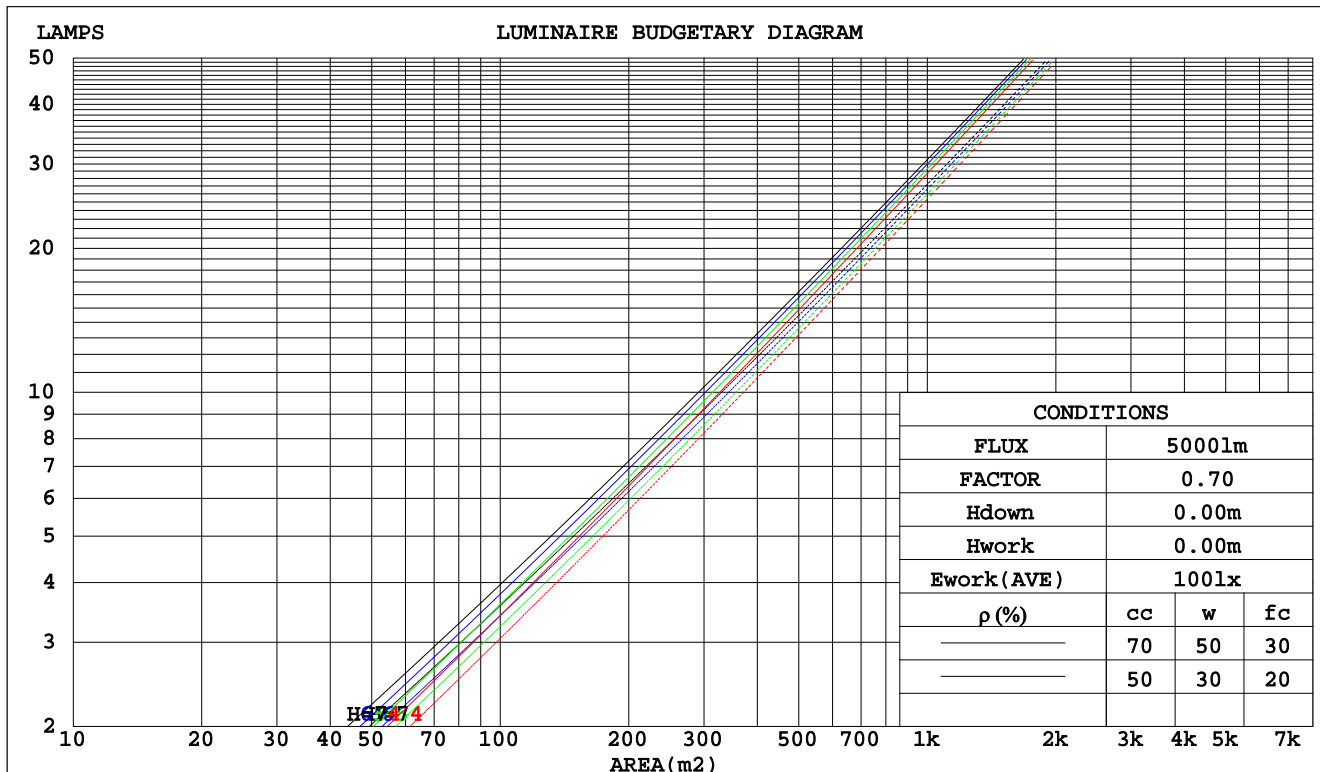
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:663.42lx1 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	.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	.86	.83	.89	.85	.82	.86	.83	.81	.84	.82	.79	.78
5.0	.88	.83	.79	.87	.82	.78	.85	.81	.77	.83	.79	.76	.81	.78	.76	.74
6.0	.84	.78	.75	.83	.78	.74	.81	.77	.74	.79	.76	.73	.78	.75	.72	.71
7.0	.80	.75	.71	.79	.74	.71	.78	.73	.70	.76	.73	.70	.75	.72	.69	.68
8.0	.77	.71	.68	.76	.71	.68	.75	.70	.67	.74	.70	.67	.73	.69	.67	.65
9.0	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.64	.70	.67	.64	.63
10.0	.71	.66	.63	.70	.66	.63	.70	.65	.62	.69	.65	.62	.68	.64	.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:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:663.42lx1 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	.170	.097	.031	.163	.093	.030	.149	.085	.027	.136	.078	.025	.124	.072	.023		
2.0	.159	.087	.027	.153	.084	.026	.141	.079	.024	.130	.073	.023	.120	.068	.021		
3.0	.149	.079	.024	.144	.077	.023	.134	.072	.022	.124	.068	.021	.116	.064	.020		
4.0	.140	.073	.021	.135	.071	.021	.127	.067	.020	.118	.064	.019	.111	.060	.018		
5.0	.132	.067	.019	.128	.066	.019	.120	.062	.018	.113	.060	.018	.106	.057	.017		
6.0	.124	.062	.018	.121	.061	.018	.114	.058	.017	.108	.056	.016	.102	.054	.016		
7.0	.118	.058	.016	.115	.057	.016	.109	.055	.016	.103	.053	.015	.098	.051	.015		
8.0	.112	.055	.015	.109	.054	.015	.104	.052	.015	.099	.050	.014	.094	.048	.014		
9.0	.106	.051	.014	.104	.051	.014	.099	.049	.014	.094	.047	.014	.090	.046	.013		
10.0	.101	.049	.013	.099	.048	.013	.095	.046	.013	.091	.045	.013	.087	.044	.013		

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	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.190	.177	.165	.162	.152	.142	.111	.104	.098	.064	.060	.057	.020	.019	.018	
2.0	.174	.152	.133	.149	.131	.115	.102	.090	.080	.059	.053	.047	.019	.017	.015	
3.0	.161	.133	.111	.138	.115	.096	.095	.080	.067	.055	.047	.040	.018	.015	.013	
4.0	.149	.118	.094	.128	.102	.082	.088	.071	.058	.051	.042	.034	.016	.014	.011	
5.0	.140	.106	.081	.120	.092	.071	.083	.064	.050	.048	.038	.030	.015	.012	.010	
6.0	.132	.097	.072	.113	.084	.062	.078	.059	.044	.045	.034	.026	.015	.011	.009	
7.0	.124	.089	.064	.107	.077	.056	.074	.054	.040	.043	.032	.024	.014	.010	.008	
8.0	.118	.082	.058	.102	.072	.050	.070	.050	.036	.041	.030	.021	.013	.010	.007	
9.0	.113	.077	.053	.097	.067	.046	.067	.047	.033	.039	.028	.020	.013	.009	.006	
10.0	.108	.072	.049	.093	.063	.043	.064	.044	.030	.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:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:663.42lx1 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	20.0	20.8	20.3	21.0	21.2	20.4	21.2	20.6	21.4	21.6
	3H	20.3	21.0	20.5	21.3	21.5	20.5	21.3	20.8	21.5	21.8
	4H	20.4	21.1	20.7	21.4	21.6	20.7	21.4	21.0	21.6	21.9
	6H	20.5	21.2	20.8	21.4	21.7	21.0	21.7	21.4	22.0	22.3
	8H	20.5	21.2	20.9	21.5	21.8	21.1	21.8	21.5	22.1	22.4
	12H	20.6	21.2	20.9	21.5	21.8	21.2	21.9	21.6	22.2	22.5
4H	2H	20.0	20.8	20.3	21.0	21.3	20.3	21.1	20.6	21.3	21.6
	3H	20.4	21.0	20.7	21.3	21.6	20.6	21.3	21.0	21.6	21.9
	4H	20.6	21.2	21.0	21.5	21.9	20.9	21.5	21.3	21.8	22.2
	6H	20.8	21.3	21.2	21.7	22.1	21.8	22.3	22.2	22.7	23.1
	8H	20.9	21.4	21.3	21.8	22.2	22.1	22.6	22.5	22.9	23.4
	12H	21.0	21.4	21.5	21.8	22.3	22.2	22.7	22.7	23.1	23.5
8H	4H	20.6	21.1	21.1	21.5	21.9	21.0	21.4	21.4	21.8	22.3
	6H	21.0	21.3	21.4	21.8	22.2	22.3	22.7	22.7	23.1	23.6
	8H	21.1	21.5	21.6	21.9	22.4	22.8	23.1	23.2	23.6	24.1
	12H	21.3	21.6	21.8	22.1	22.6	23.1	23.4	23.6	23.8	24.4
12H	4H	20.7	21.2	21.2	21.6	22.0	20.9	21.4	21.4	21.8	22.2
	6H	21.1	21.4	21.6	21.9	22.4	22.3	22.6	22.8	23.1	23.6
	8H	21.3	21.6	21.8	22.0	22.6	22.8	23.1	23.3	23.6	24.1
Variations with the observer position at spacings:											
S = 1.0H		+ 1.1 / - 1.6					+ 0.9 / - 1.1				
1.5H		+ 1.4 / - 1.4					+ 1.1 / - 0.9				
2.0H		+ 2.1 / - 1.5					+ 1.9 / - 1.2				

CIE Pub.117 Corrected 663.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.4)

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:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:663.42lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

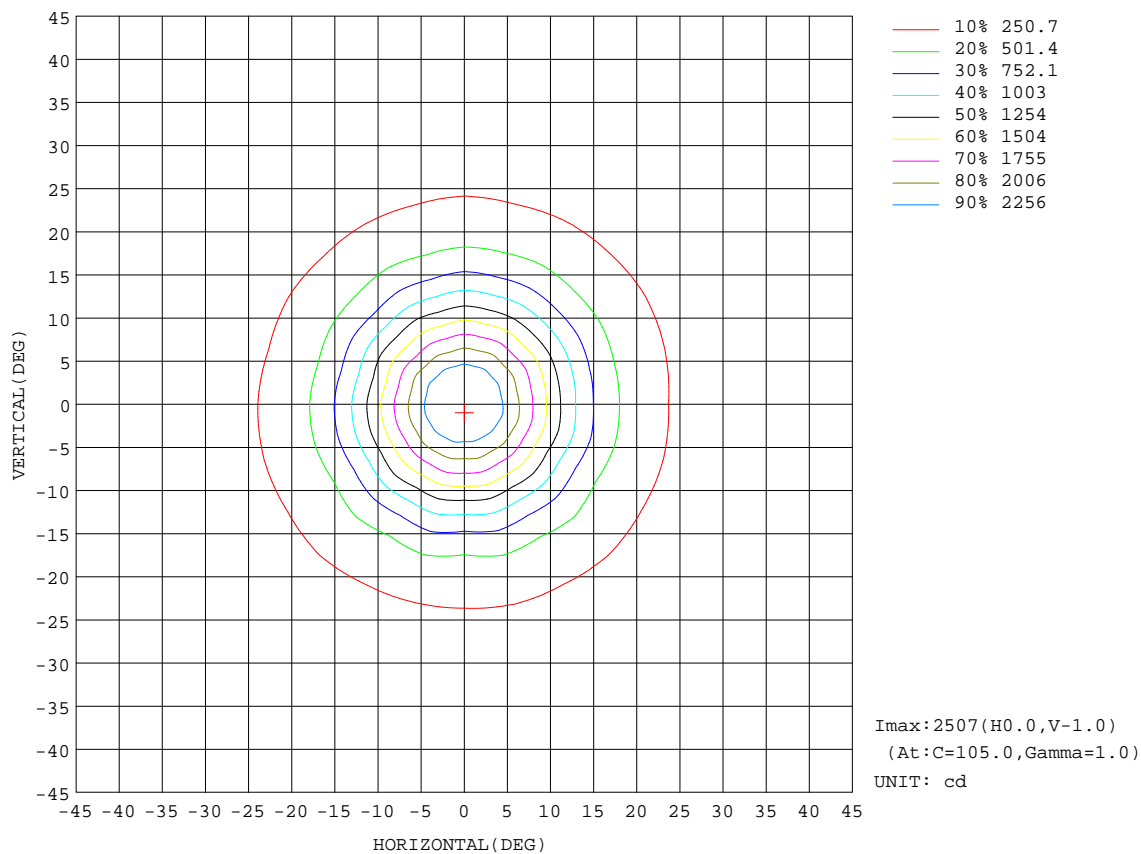
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	83	76	72	82	75	72	68
0.80	91	84	80	90	84	80	89	83	80	75
1.00	96	90	86	95	89	85	93	89	85	80
1.25	100	94	91	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	102	98	95	89
2.50	108	104	101	106	103	100	103	100	97	91
3.00	110	106	103	108	105	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:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:663.42lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



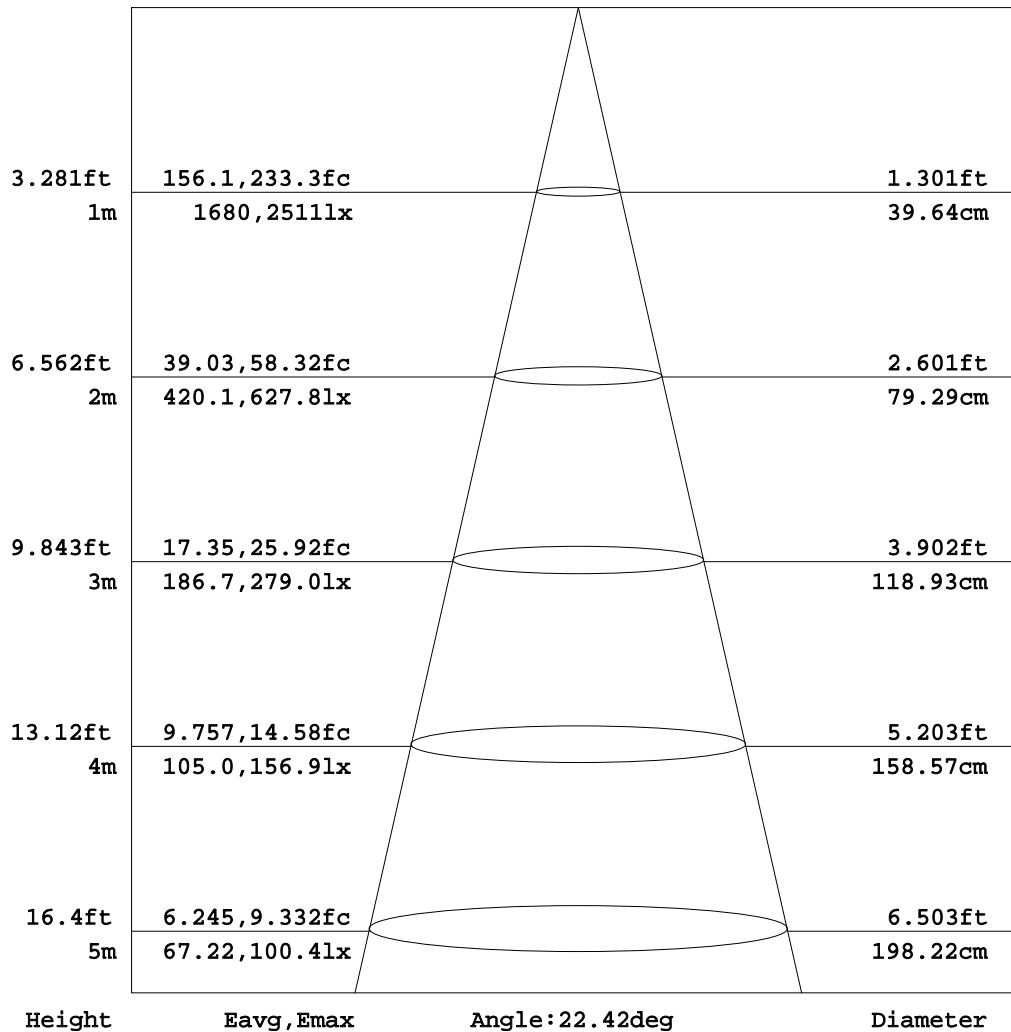
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:663.42lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:238.5 lm



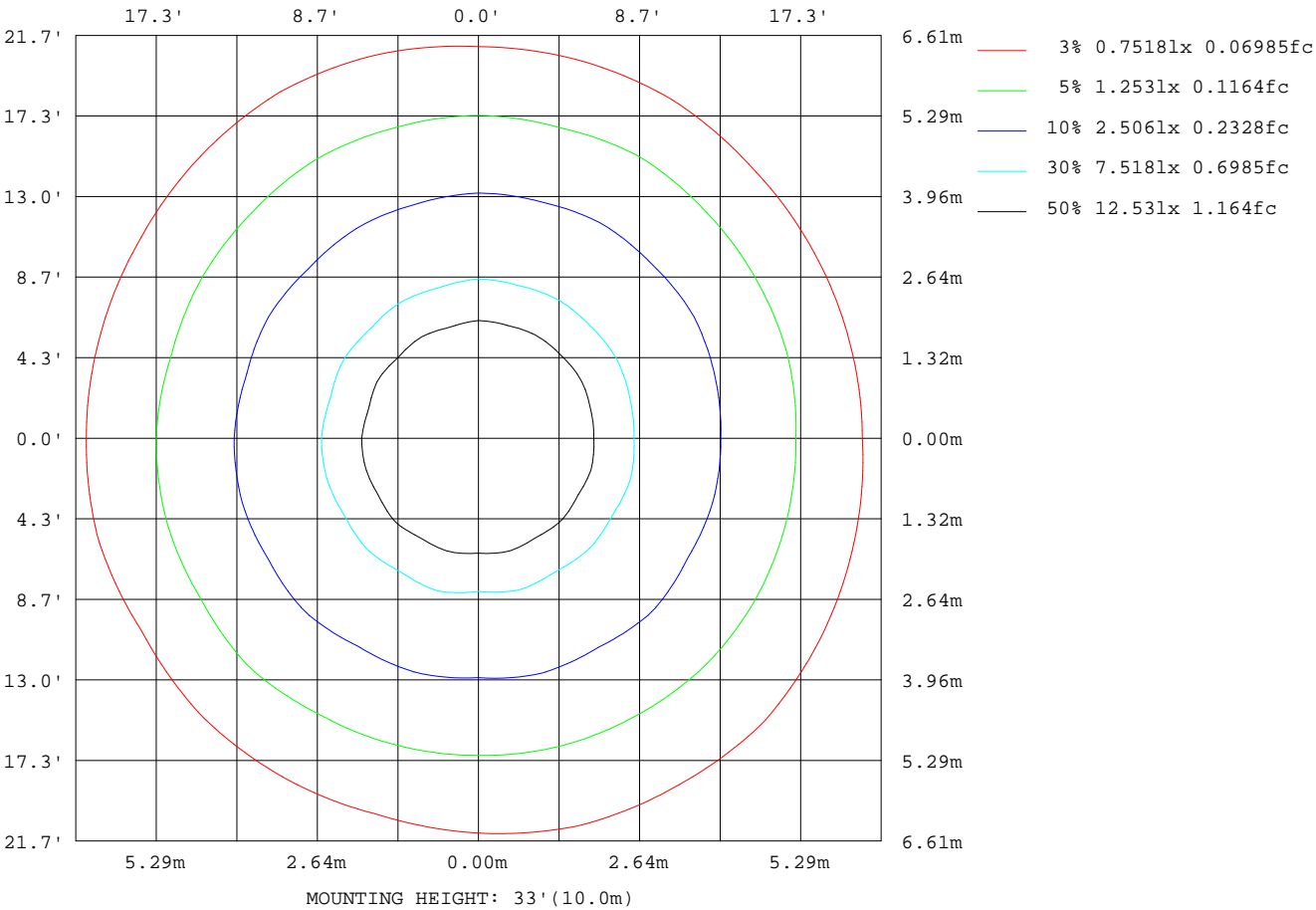
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

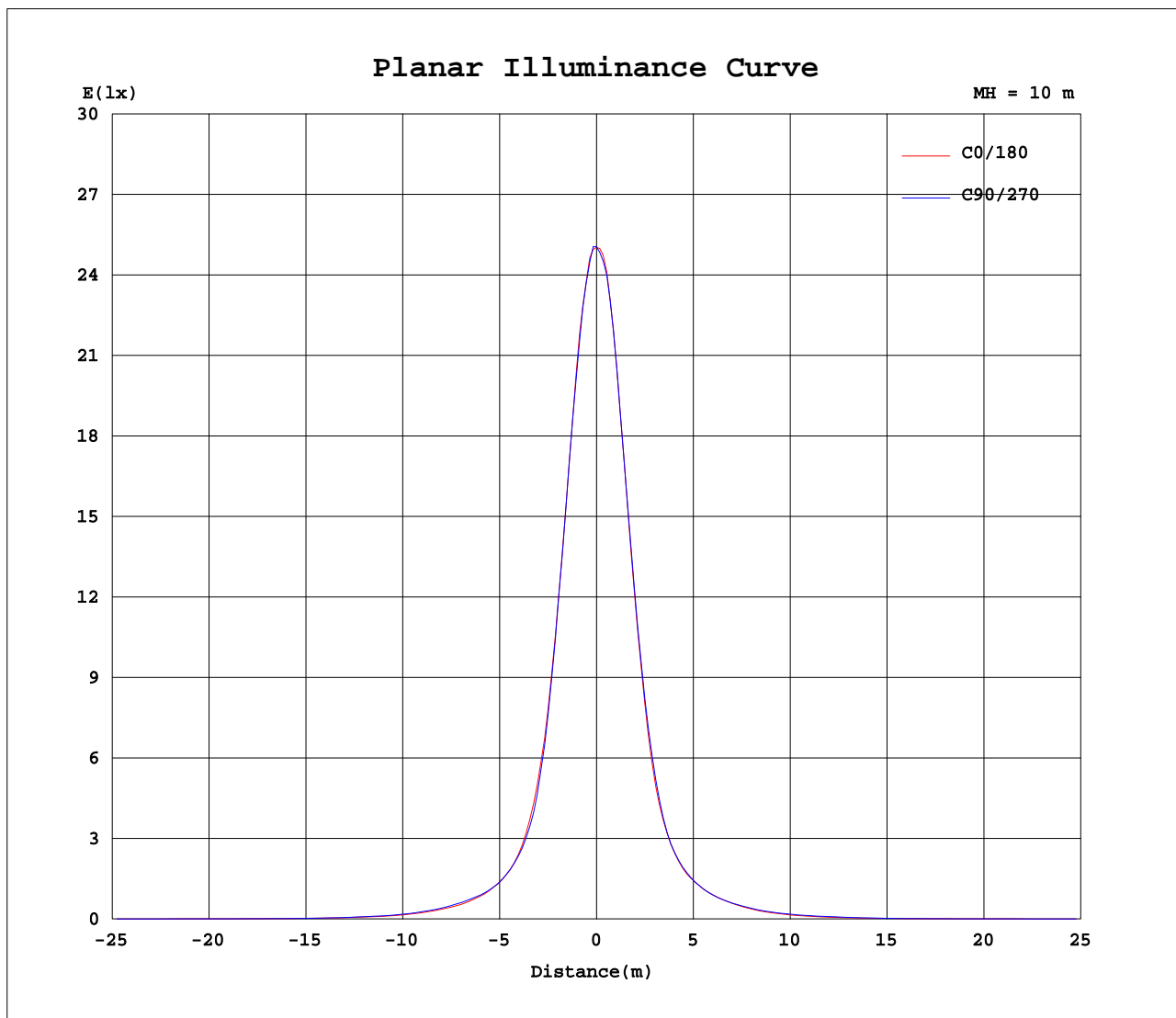
Test:U:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:663.42lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:663.421x1 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	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504	2504
5	2203	2216	2197	2199	2183	2191	2176	2211	2193	2212	2199	2221	2213	2198	2224	2194	2212	2190	2217
10	1429	1449	1418	1452	1418	1451	1420	1450	1430	1462	1425	1448	1450	1404	1451	1407	1444	1417	1466
15	748	770	734	766	729	767	720	780	733	769	731	764	760	724	755	727	762	746	789
20	385	385	371	396	372	388	363	384	366	391	371	387	387	365	377	368	384	378	390
25	221	226	227	230	227	227	221	220	222	230	223	228	225	215	221	219	223	224	232
30	145	151	155	158	154	154	150	151	151	156	153	157	154	153	154	153	156	156	153
35	99.5	106	111	117	117	115	111	107	104	106	102	106	107	105	108	111	113	112	108
40	69.4	74.4	77.3	80.1	80.5	80.9	77.3	73.7	69.9	72.7	70.5	71.8	69.0	71.0	75.8	77.0	76.6	76.2	75.1
45	44.6	49.8	53.0	55.0	54.5	55.5	51.2	48.9	46.0	45.1	44.8	45.6	44.3	45.5	50.1	51.4	51.0	52.2	51.3
50	30.5	33.6	36.3	37.4	38.5	37.1	34.8	31.4	29.4	28.2	29.2	28.8	28.0	29.2	33.1	34.9	37.5	37.7	35.7
55	18.8	21.4	20.4	20.8	20.5	20.1	19.5	19.2	17.3	16.4	16.8	16.7	17.4	18.4	20.2	19.8	20.0	20.5	21.0
60	11.9	13.1	12.5	12.1	11.8	12.2	11.6	11.4	11.3	10.7	10.7	11.3	10.9	11.3	12.4	11.6	11.8	12.0	12.2
65	8.22	8.63	8.94	8.59	8.46	8.78	8.20	7.92	7.85	7.55	7.61	7.80	7.73	8.15	8.55	8.28	8.20	8.39	8.21
70	6.06	6.28	6.46	6.30	6.15	6.37	5.92	5.91	5.64	5.60	5.65	5.76	5.79	5.97	6.18	6.01	6.00	6.08	6.04
75	4.46	4.50	4.65	4.63	4.62	4.80	4.45	4.44	4.26	4.18	4.24	4.29	4.27	4.33	4.43	4.34	4.45	4.49	4.44
80	2.96	3.05	3.05	3.11	7.61	7.71	3.08	3.08	2.93	2.89	2.99	3.72	2.85	2.90	2.93	2.90	6.21	5.74	3.10
85	1.81	1.85	1.85	1.89	2.98	3.18	1.96	1.99	1.90	1.87	1.95	2.26	1.88	1.90	1.91	1.90	2.55	2.64	2.03
90	1.12	1.11	1.14	1.15	1.31	1.41	1.27	1.29	1.26	1.22	1.35	1.38	1.38	1.39	1.39	1.39	1.53	1.69	1.51
95	1.01	1.00	1.02	0.99	1.31	1.35	1.14	1.15	1.13	1.08	1.27	1.34	1.43	1.41	1.43	1.42	1.67	1.68	1.56
100	0.98	0.98	0.98	0.99	1.44	1.48	1.13	1.12	1.10	1.08	1.25	1.31	1.48	1.48	1.50	1.49	1.86	1.86	1.62
105	1.04	1.06	1.07	1.08	1.58	1.60	1.18	1.20	1.16	1.16	1.41	1.47	1.56	1.55	1.57	1.57	2.05	1.98	1.69
110	1.22	1.24	1.27	1.26	1.63	1.71	1.37	1.37	1.34	1.34	1.66	1.66	1.65	1.64	1.67	1.66	2.06	2.07	1.78
115	1.44	1.45	1.46	1.48	1.89	1.96	1.58	1.58	1.55	1.56	1.85	1.87	1.79	1.77	1.80	1.79	2.22	2.17	1.91
120	1.71	1.72	1.72	1.74	2.15	2.22	1.86	1.85	1.82	1.83	2.09	2.11	2.00	2.00	2.01	2.00	2.45	2.39	2.12
125	2.10	2.11	2.12	2.13	2.36	2.48	2.25	2.23	2.22	2.22	2.44	2.36	2.36	2.35	2.36	2.36	2.67	2.67	2.47
130	2.67	2.66	2.68	2.69	2.84	2.97	2.81	2.78	2.77	2.77	2.93	2.81	2.87	2.87	2.87	2.89	3.01	3.14	2.98
135	3.32	3.32	3.34	3.35	3.46	3.58	3.46	3.42	3.41	3.41	3.54	3.42	3.47	3.48	3.48	3.50	3.58	3.71	3.58
140	3.91	3.91	3.93	3.94	4.03	4.12	4.03	4.01	3.99	4.00	4.08	3.96	4.04	4.05	4.03	4.05	4.09	4.22	4.13
145	4.35	4.35	4.36	4.38	4.50	4.56	4.47	4.46	4.43	4.45	4.50	4.44	4.47	4.46	4.47	4.48	4.55	4.65	4.54
150	4.65	4.66	4.66	4.68	4.73	4.80	4.75	4.75	4.72	4.77	4.78	4.73	4.77	4.76	4.77	4.76	4.84	4.91	4.84
155	4.85	4.87	4.86	4.88	4.88	4.99	4.93	4.94	4.91	4.92	4.97	4.94	4.96	4.95	4.97	4.96	5.02	5.11	5.01
160	5.02	5.03	5.02	5.03	5.02	5.04	5.04	5.04	5.03	5.04	5.02	5.04	5.09	5.07	5.08	5.09	5.10	5.09	5.10
165	5.08	5.10	5.10	5.09	5.10	5.09	5.09	5.08	5.08	5.09	5.09	5.10	5.14	5.14	5.15	5.14	5.14	5.14	5.13
170	5.04	5.03	5.04	5.03	5.04	5.02	5.04	5.03	5.04	5.02	5.04	5.04	5.06	5.08	5.08	5.10	5.08	5.10	5.08
175	4.91	4.89	4.91	4.89	4.91	4.90	4.91	4.90	4.91	4.91	4.92	4.92	4.95	4.95	4.95	4.97	4.95	4.97	4.96
180	4.93	4.93	4.93	4.94	4.94	4.94	4.95	4.95	4.94	4.95	4.94	4.95	4.93	4.93	4.93	4.94	4.94	4.94	4.94

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:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:663.421x1 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	2504	2504	2504	2504	2504														
5	2205	2227	2204	2215	2192														
10	1441	1475	1453	1474	1442														
15	771	792	779	788	759														
20	392	407	396	402	388														
25	224	231	230	233	231														
30	154	154	149	147	147														
35	105	106	101	101	102														
40	72.6	71.9	69.5	69.0	70.0														
45	49.1	47.8	46.5	47.2	45.8														
50	32.4	31.5	30.0	30.2	30.1														
55	20.3	19.2	17.4	18.2	18.0														
60	11.9	12.9	11.7	11.6	12.0														
65	8.34	8.50	7.96	8.11	8.24														
70	6.08	5.89	5.74	5.86	5.85														
75	4.46	4.33	4.25	4.28	4.46														
80	3.07	3.01	2.96	3.00	4.27														
85	2.01	1.99	1.95	2.00	2.80														
90	1.49	1.46	1.49	1.53	1.61														
95	1.51	1.50	1.48	1.66	1.72														
100	1.56	1.56	1.53	1.72	1.73														
105	1.63	1.63	1.60	1.82	1.81														
110	1.72	1.71	1.69	1.92	1.90														
115	1.86	1.84	1.82	2.08	2.00														
120	2.06	2.04	2.03	2.26	2.21														
125	2.41	2.38	2.38	2.53	2.46														
130	2.93	2.89	2.90	2.97	2.90														
135	3.52	3.48	3.49	3.56	3.49														
140	4.07	4.04	4.05	4.10	4.04														
145	4.49	4.47	4.47	4.53	4.50														
150	4.77	4.76	4.77	4.82	4.77														
155	4.96	4.95	4.96	5.04	4.99														
160	5.07	5.07	5.06	5.07	5.07														
165	5.12	5.14	5.14	5.13	5.13														
170	5.10	5.07	5.09	5.07	5.10														
175	4.97	4.95	4.97	4.95	4.97														
180	4.95	4.94	4.94	4.94	4.96														

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: