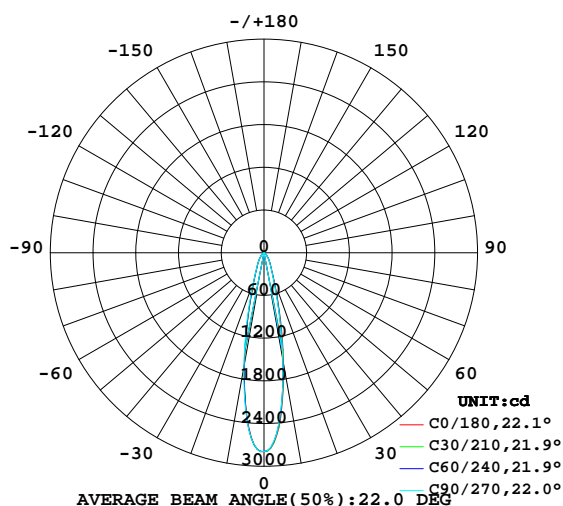


LUMINAIRE PHOTOMETRIC TEST REPORT

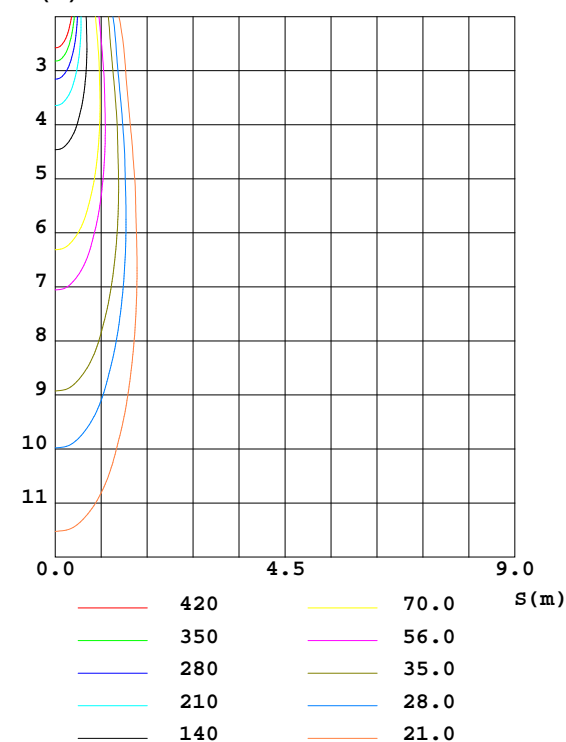
Test:U:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:725.213x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 85.12 lm/W			
MODEL	M022-9W-930-S-24	Imax(cd)	2796	S/MH(C0/180)	0.38
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.37
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	725.21	η UP,DN(C0-180)	1.2,48.1
NOMINAL FLUX(lm)	725.213	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,49.3
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	1584	1576	1527	1579	1589	1554	1627	1619	0- 10	204.4	204.4	28.2,28.2
20	416.9	414.0	385.9	412.3	412.0	403.2	424.5	435.7	10- 20	231.8	436.2	60.1,60.1
30	162.5	170.7	163.3	166.3	169.2	169.6	171.2	166.7	20- 30	117.4	553.6	76.3,76.3
40	76.69	87.71	85.06	76.58	76.52	83.47	84.10	79.90	30- 40	74.32	627.9	86.6,86.6
50	32.74	40.18	37.67	30.56	30.88	36.62	40.53	33.79	40- 50	42.18	670.1	92.4,92.4
60	13.20	13.78	12.92	12.21	11.75	12.56	13.54	13.75	50- 60	19.46	689.5	95.1,95.1
70	6.826	7.090	6.867	6.282	6.410	6.492	6.791	6.603	60- 70	9.203	698.7	96.3,96.3
80	3.939	3.485	6.502	3.303	3.770	3.244	5.287	3.410	70- 80	5.493	704.2	97.1,97.1
90	1.416	1.273	1.571	1.380	1.694	1.552	1.824	1.638	80- 90	2.715	706.9	97.5,97.5
100	1.249	1.098	1.490	1.216	1.805	1.644	1.935	1.712	90-100	1.634	708.6	97.7,97.7
110	1.653	1.402	1.817	1.504	2.000	1.827	2.169	1.885	100-110	1.727	710.3	97.9,97.9
120	2.116	1.923	2.381	2.028	2.377	2.205	2.553	2.233	110-120	1.953	712.2	98.2,98.2
130	3.021	2.968	3.283	3.072	3.239	3.155	3.382	3.170	120-130	2.344	714.6	98.5,98.5
140	4.324	4.332	4.618	4.412	4.476	4.437	4.621	4.440	130-140	2.945	717.5	98.9,98.9
150	5.148	5.128	5.377	5.200	5.273	5.218	5.390	5.222	140-150	3.065	720.6	99.4,99.4
160	5.536	5.532	5.567	5.541	5.586	5.590	5.616	5.562	150-160	2.509	723.1	99.7,99.7
170	5.546	5.527	5.539	5.529	5.574	5.604	5.607	5.604	160-170	1.587	724.7	99.9,99.9
180	5.418	5.410	5.441	5.436	5.418	5.405	5.441	5.440	170-180	0.5223	725.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

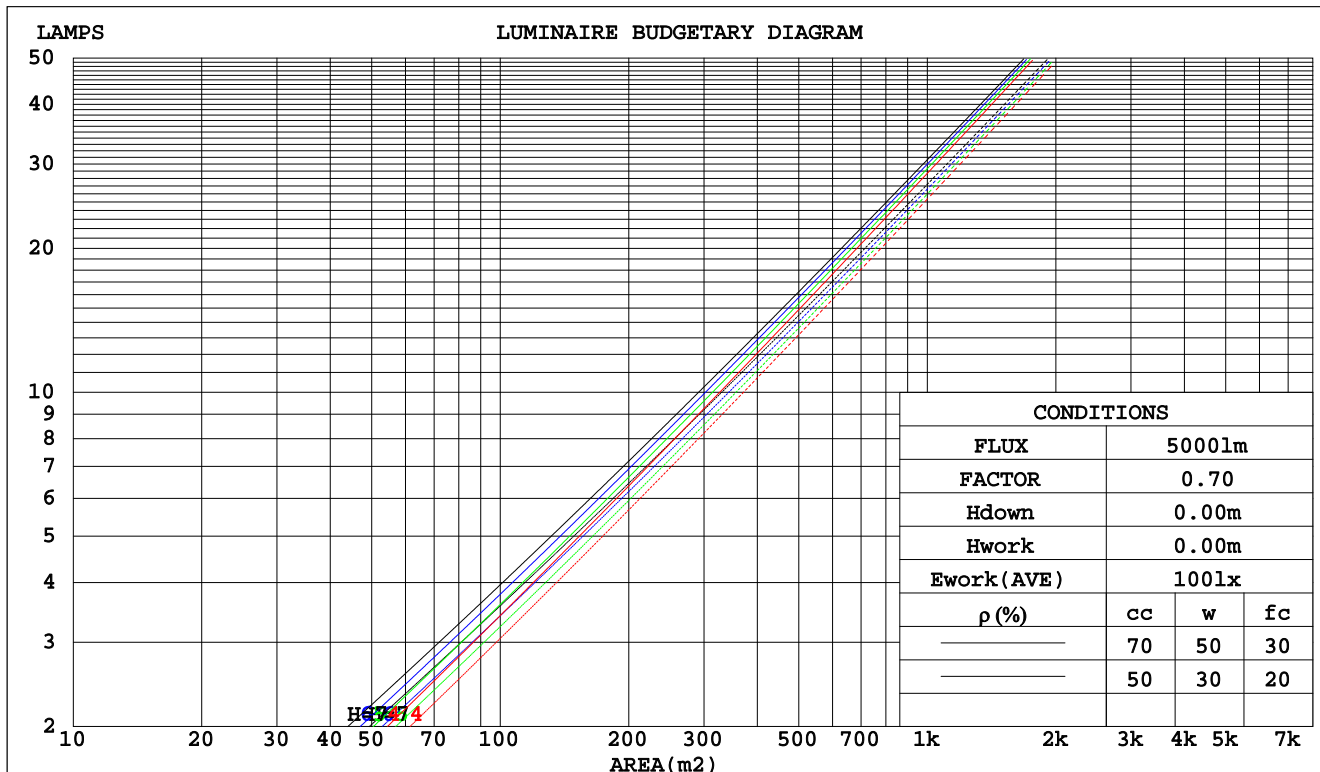
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:725.213x1 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	.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	.73	.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	.64	.70	.67	.64	.63
10.0	.71	.66	.63	.71	.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:725.213x1 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	.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	.134	.072	.022	.124	.068	.021	.115	.064	.020	
4.0	.140	.073	.021	.135	.071	.021	.126	.067	.020	.118	.064	.019	.111	.060	.018	
5.0	.132	.067	.019	.127	.065	.019	.120	.062	.018	.113	.059	.018	.106	.057	.017	
6.0	.124	.062	.018	.121	.061	.018	.114	.058	.017	.108	.056	.016	.102	.054	.016	
7.0	.117	.058	.016	.114	.057	.016	.108	.055	.016	.103	.053	.015	.098	.051	.015	
8.0	.111	.054	.015	.109	.054	.015	.103	.052	.015	.098	.050	.014	.094	.048	.014	
9.0	.106	.051	.014	.104	.050	.014	.099	.049	.014	.094	.047	.014	.090	.046	.013	
10.0	.101	.048	.013	.099	.048	.013	.095	.046	.013	.090	.045	.013	.087	.044	.013	

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.104	.098	.064	.060	.057	.021	.019	.018	
2.0	.174	.152	.134	.149	.131	.115	.102	.091	.081	.059	.053	.047	.019	.017	.015	
3.0	.161	.133	.111	.138	.115	.096	.095	.080	.068	.055	.047	.040	.018	.015	.013	
4.0	.150	.118	.094	.128	.102	.082	.088	.071	.058	.051	.042	.034	.016	.014	.011	
5.0	.140	.106	.082	.120	.092	.071	.083	.064	.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	.118	.083	.058	.102	.072	.051	.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	.007	
10.0	.108	.073	.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:725.213x1 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	20.2	21.0	20.5	21.2	21.4	20.6	21.4	20.8	21.6	21.8
	3H	20.4	21.2	20.7	21.4	21.7	20.8	21.5	21.1	21.8	22.0
	4H	20.6	21.3	20.9	21.6	21.8	20.9	21.6	21.2	21.9	22.1
	6H	20.7	21.4	21.1	21.7	22.0	21.6	22.3	21.9	22.6	22.9
	8H	20.8	21.5	21.2	21.8	22.1	21.8	22.5	22.2	22.8	23.1
	12H	21.0	21.6	21.3	21.9	22.2	22.0	22.6	22.3	22.9	23.2
4H	2H	20.2	20.9	20.5	21.2	21.5	20.6	21.3	20.9	21.5	21.8
	3H	20.6	21.2	21.0	21.5	21.9	20.9	21.5	21.2	21.8	22.1
	4H	20.8	21.4	21.2	21.7	22.1	21.1	21.7	21.5	22.0	22.4
	6H	21.1	21.6	21.5	22.0	22.4	22.2	22.7	22.6	23.1	23.5
	8H	21.2	21.7	21.7	22.1	22.5	22.6	23.1	23.0	23.5	23.9
	12H	21.4	21.9	21.9	22.3	22.7	22.8	23.2	23.3	23.7	24.1
8H	4H	20.9	21.3	21.3	21.7	22.1	21.1	21.6	21.6	22.0	22.4
	6H	21.2	21.6	21.7	22.1	22.5	22.3	22.7	22.8	23.2	23.6
	8H	21.4	21.8	21.9	22.2	22.7	22.8	23.2	23.3	23.6	24.1
	12H	21.7	22.0	22.2	22.5	23.0	23.2	23.5	23.7	23.9	24.5
12H	4H	20.9	21.3	21.3	21.7	22.1	21.1	21.5	21.6	22.0	22.4
	6H	21.2	21.6	21.7	22.1	22.5	22.3	22.7	22.8	23.1	23.6
	8H	21.5	21.8	22.0	22.3	22.8	22.8	23.1	23.4	23.6	24.1
Variations with the observer position at spacings:											
S = 1.0H	+ 1.0 / - 1.5					+ 0.9 / - 1.2					
1.5H	+ 1.3 / - 1.2					+ 1.2 / - 1.2					
2.0H	+ 1.9 / - 1.3					+ 1.9 / - 1.4					

CIE Pub.117 Corrected 725.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.1)

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:725.213x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

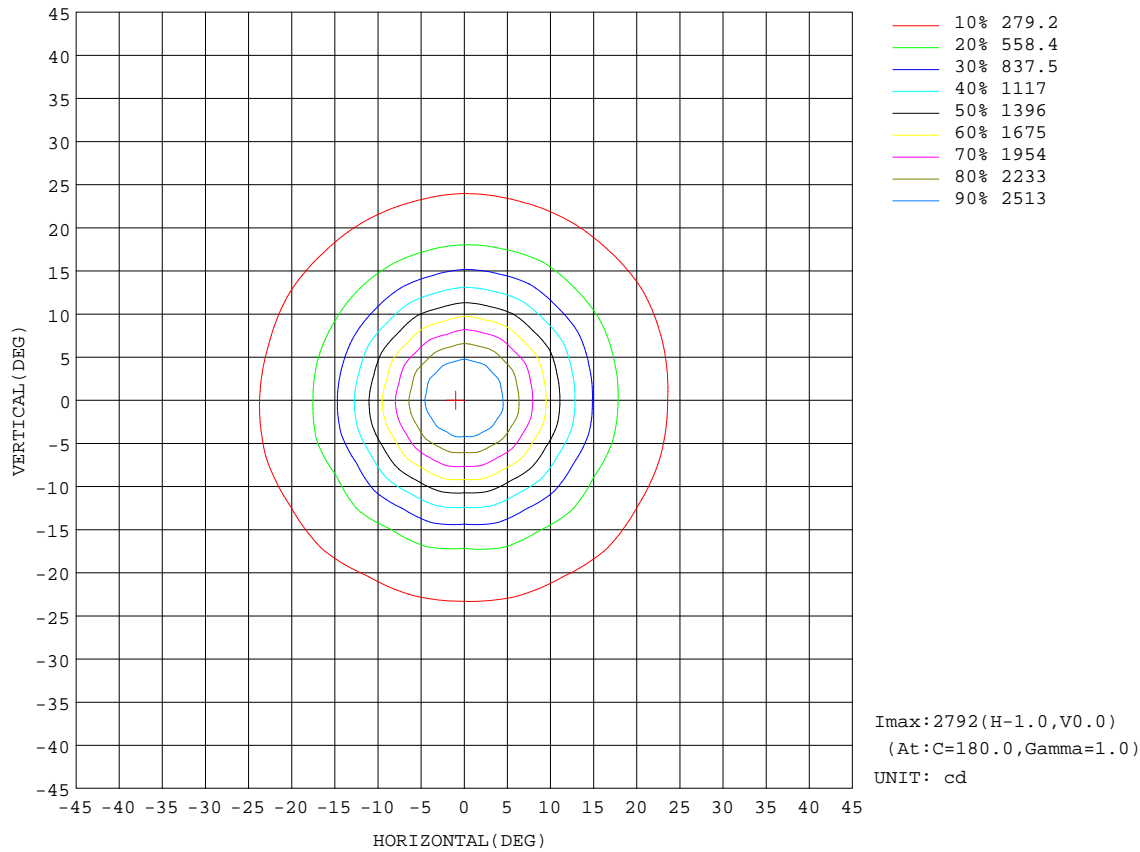
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	83	76	72	83	76	72	82	75	72	68
0.80	91	84	80	90	84	80	89	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:725.213x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

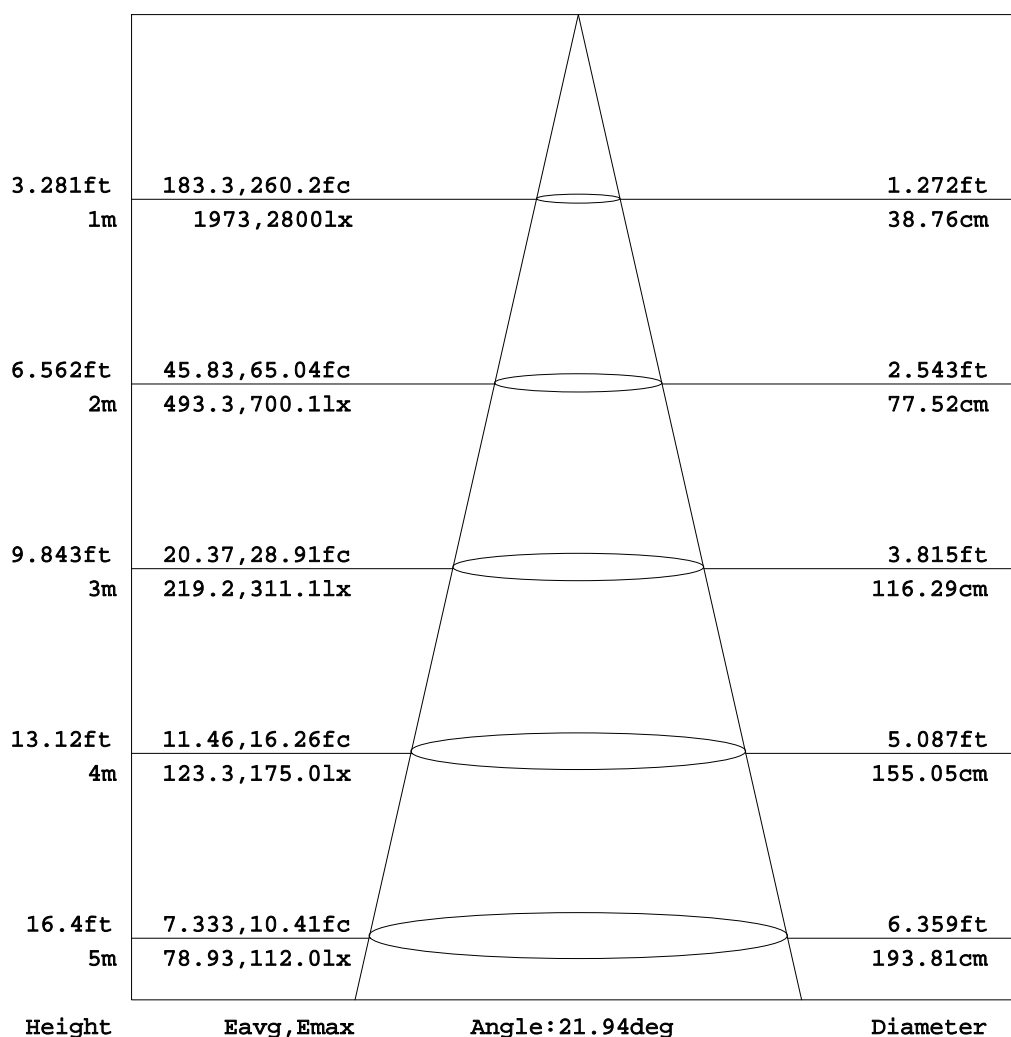


C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Temperature:25.3DEG	Humidity:65.0%
Operators:ZhangXiao	Test Distance:6.590m [K=1.0000]
Test Date:2015-12-07	Remarks:

AAI Figure

Test:U:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:725.213x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:234.2 lm



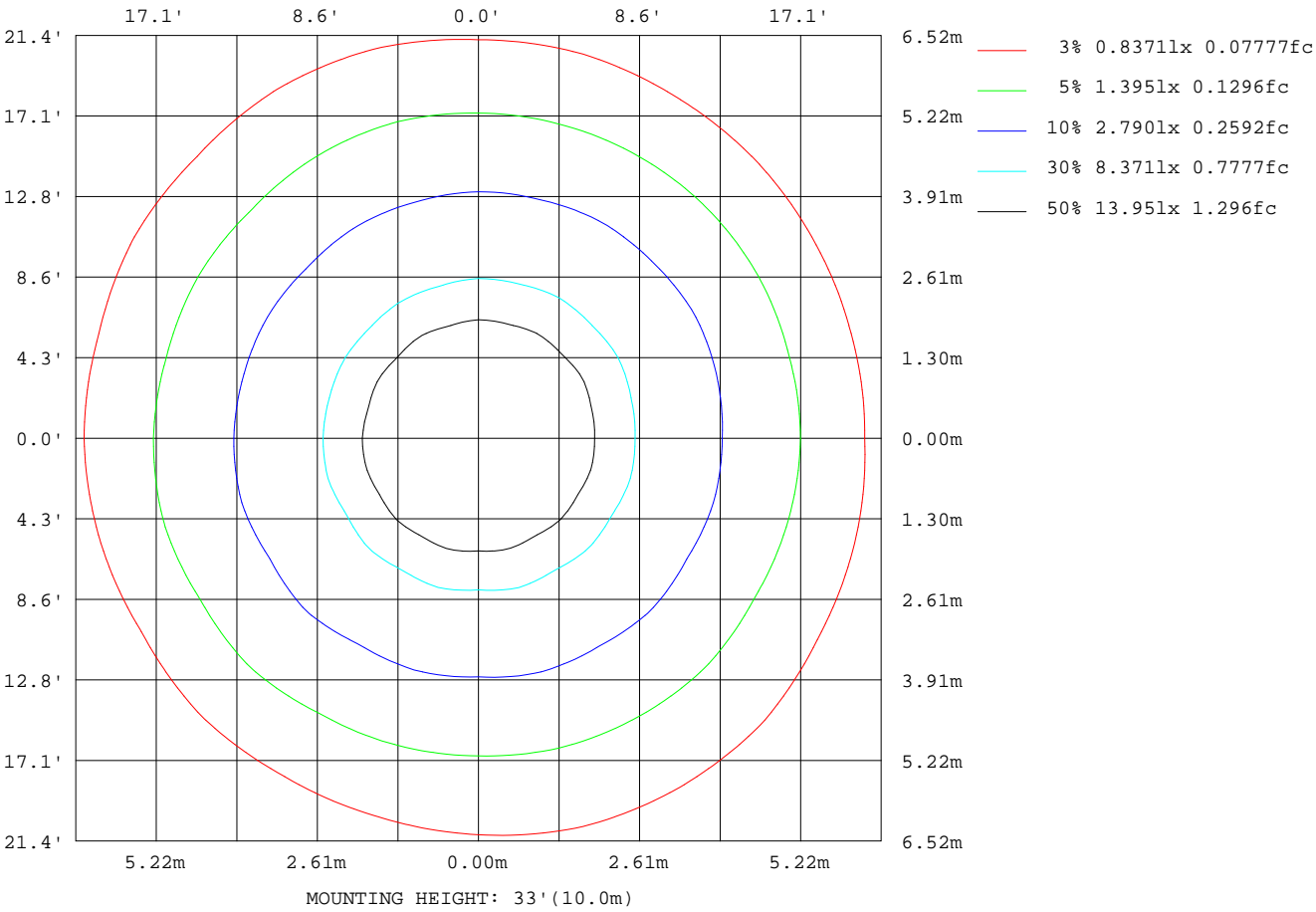
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

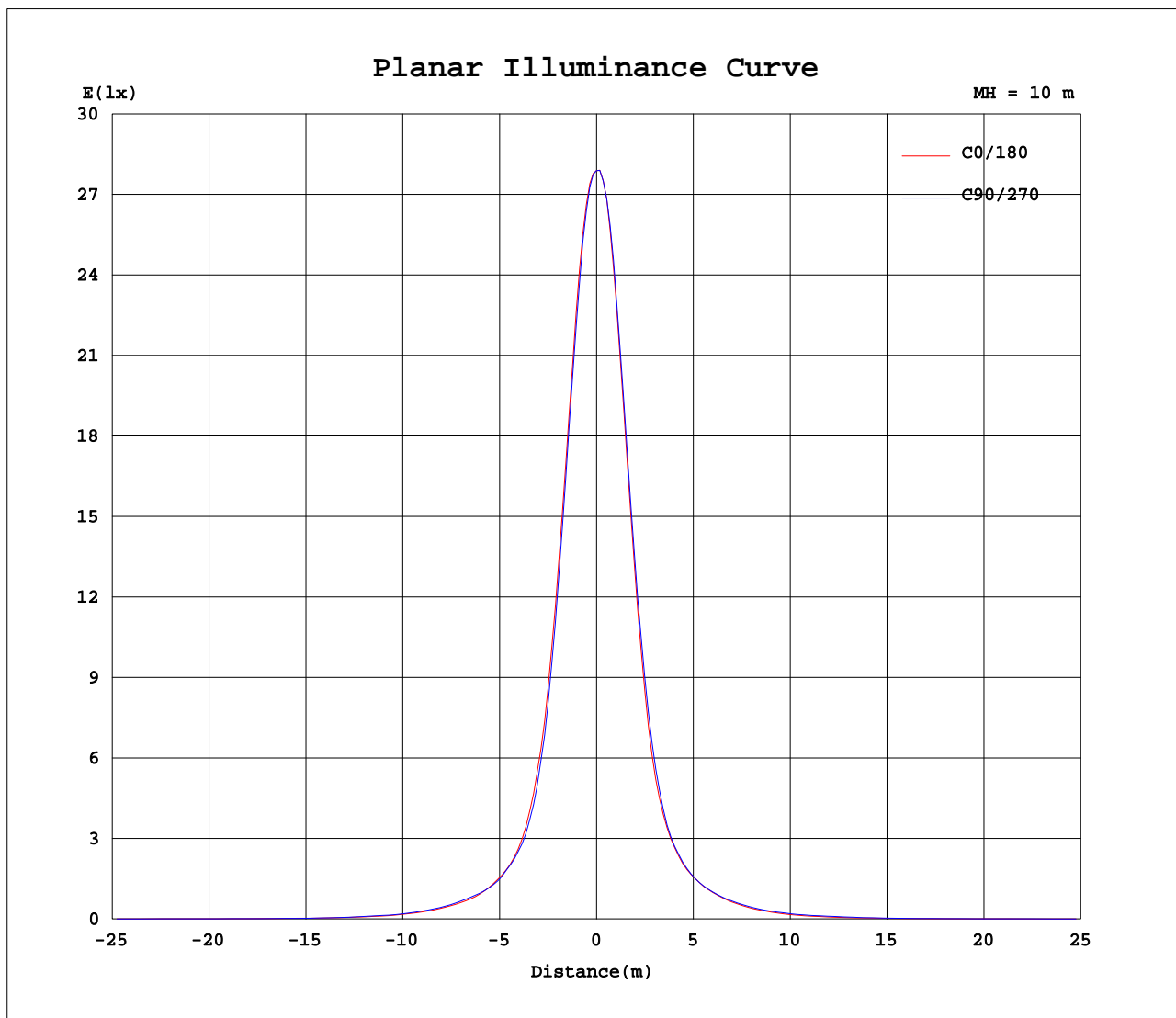
Test:U:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:725.213x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:725.213x1 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	2793	2793	2793	2793	2793	2793	2793	2793	2793	2793	2793	2793	2793	2793	2793	2793	2793	2793	2793
5	2452	2462	2437	2445	2413	2428	2402	2434	2407	2445	2418	2449	2459	2436	2480	2447	2479	2462	2486
10	1584	1591	1546	1576	1524	1562	1527	1565	1532	1579	1538	1581	1589	1545	1589	1554	1606	1576	1627
15	820	827	788	815	775	802	762	800	763	810	764	810	801	795	803	802	827	824	857
20	417	414	398	414	397	409	386	400	388	412	393	417	412	406	408	403	416	414	424
25	246	244	243	251	245	250	244	240	238	246	243	252	249	242	246	243	248	252	254
30	162	163	165	171	171	169	163	162	162	166	164	169	169	168	170	170	173	175	171
35	112	114	118	126	126	127	122	118	114	114	111	113	116	115	121	122	125	125	122
40	76.7	79.2	82.8	87.7	86.9	87.5	85.1	81.5	78.0	76.6	76.6	78.7	76.5	75.9	81.9	83.5	85.2	85.6	84.1
45	50.1	52.2	55.6	58.8	59.1	59.0	55.8	54.1	49.5	49.3	48.8	49.3	48.0	48.0	52.9	55.3	56.9	56.6	57.3
50	32.7	34.6	38.0	40.2	41.1	40.5	37.7	35.0	32.8	30.6	29.8	30.5	30.9	30.5	34.4	36.6	38.7	40.8	40.5
55	20.1	21.4	23.8	22.8	21.8	21.2	20.8	20.5	18.9	17.6	17.2	18.2	17.5	19.0	21.1	21.4	22.3	21.6	23.5
60	13.2	13.3	14.1	13.8	13.1	12.8	12.9	12.4	12.0	12.2	11.5	11.9	11.8	12.0	13.1	12.6	12.8	13.2	13.5
65	9.26	9.38	10.1	9.79	9.44	9.29	9.20	8.93	8.61	8.35	8.11	8.53	8.41	8.51	9.34	8.90	9.15	9.25	9.41
70	6.83	6.79	7.31	7.09	7.03	6.98	6.87	6.61	6.48	6.28	6.07	6.37	6.41	6.38	6.94	6.49	6.71	6.74	6.79
75	5.01	4.97	5.16	5.15	5.12	5.21	5.20	4.98	4.83	4.74	4.61	4.78	4.75	4.70	5.07	4.79	4.92	4.97	5.04
80	3.94	3.35	3.40	3.48	3.43	8.35	6.50	3.51	3.36	3.30	3.19	3.74	3.77	3.20	3.36	3.24	3.35	7.63	5.29
85	2.66	2.07	2.08	2.12	2.10	3.10	2.76	2.27	2.20	2.14	2.08	2.21	2.38	2.11	2.15	2.13	2.17	2.97	2.81
90	1.42	1.25	1.27	1.27	1.29	1.49	1.57	1.49	1.45	1.38	1.39	1.49	1.69	1.54	1.54	1.55	1.54	1.75	1.82
95	1.32	1.10	1.13	1.12	1.14	1.49	1.48	1.30	1.29	1.23	1.24	1.40	1.77	1.56	1.59	1.58	1.60	1.89	1.84
100	1.25	1.08	1.11	1.10	1.12	1.68	1.49	1.28	1.26	1.22	1.22	1.40	1.81	1.63	1.66	1.64	1.67	2.16	1.93
105	1.41	1.19	1.19	1.21	1.21	1.79	1.60	1.38	1.34	1.31	1.29	1.57	1.91	1.71	1.74	1.73	1.75	2.39	2.06
110	1.65	1.37	1.38	1.40	1.41	1.92	1.82	1.57	1.53	1.50	1.49	1.77	2.00	1.81	1.84	1.83	1.85	2.38	2.17
115	1.93	1.61	1.63	1.64	1.65	2.19	2.08	1.81	1.78	1.74	1.74	2.00	2.14	1.96	1.98	1.97	1.99	2.44	2.32
120	2.12	1.89	1.92	1.92	1.94	2.40	2.38	2.10	2.05	2.03	2.04	2.23	2.38	2.19	2.21	2.20	2.21	2.60	2.55
125	2.53	2.31	2.34	2.35	2.38	2.69	2.76	2.53	2.49	2.46	2.48	2.67	2.77	2.59	2.59	2.59	2.59	2.89	2.90
130	3.02	2.92	2.97	2.97	3.01	3.23	3.28	3.15	3.11	3.07	3.09	3.25	3.24	3.16	3.15	3.15	3.16	3.35	3.38
135	3.69	3.63	3.67	3.68	3.73	3.91	4.01	3.85	3.81	3.77	3.79	3.94	3.89	3.82	3.81	3.83	3.82	3.98	4.02
140	4.32	4.29	4.32	4.33	4.36	4.56	4.62	4.49	4.43	4.41	4.43	4.50	4.48	4.43	4.44	4.44	4.45	4.55	4.62
145	4.83	4.78	4.79	4.81	4.84	5.02	5.08	4.96	4.91	4.89	4.89	4.95	4.96	4.91	4.91	4.91	4.91	5.03	5.10
150	5.15	5.11	5.12	5.13	5.15	5.31	5.38	5.28	5.22	5.20	5.21	5.26	5.27	5.21	5.23	5.22	5.24	5.34	5.39
155	5.40	5.33	5.35	5.36	5.36	5.55	5.58	5.48	5.43	5.42	5.41	5.46	5.45	5.43	5.44	5.45	5.46	5.55	5.60
160	5.54	5.51	5.53	5.53	5.52	5.55	5.57	5.55	5.53	5.54	5.52	5.53	5.59	5.56	5.59	5.59	5.59	5.59	5.62
165	5.61	5.58	5.59	5.60	5.59	5.60	5.61	5.58	5.59	5.60	5.59	5.59	5.64	5.64	5.65	5.66	5.66	5.66	5.67
170	5.55	5.51	5.54	5.53	5.53	5.53	5.54	5.52	5.53	5.53	5.53	5.52	5.57	5.57	5.60	5.60	5.60	5.61	5.61
175	5.39	5.36	5.38	5.37	5.38	5.37	5.39	5.38	5.39	5.38	5.40	5.39	5.42	5.43	5.44	5.46	5.44	5.47	5.46
180	5.42	5.40	5.41	5.41	5.41	5.42	5.44	5.44	5.44	5.44	5.42	5.43	5.42	5.39	5.41	5.41	5.41	5.43	5.44

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:725.213x1 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	2793	2793	2793	2793	2793														
5	2460	2485	2458	2474	2443														
10	1609	1644	1619	1642	1596														
15	855	884	861	874	836														
20	427	444	436	438	424														
25	251	251	252	255	251														
30	171	167	167	163	161														
35	120	117	116	112	111														
40	83.3	81.0	79.9	78.6	76.6														
45	55.3	54.4	52.7	53.1	51.4														
50	37.5	34.9	33.8	33.7	33.9														
55	22.6	22.4	20.3	20.1	20.1														
60	13.2	13.5	13.7	12.7	13.3														
65	9.08	9.46	9.06	8.95	9.25														
70	6.59	6.86	6.60	6.55	6.69														
75	4.91	4.96	4.89	4.83	4.91														
80	3.48	3.46	3.41	3.38	3.91														
85	2.31	2.28	2.25	2.22	2.36														
90	1.69	1.65	1.64	1.61	1.74														
95	1.71	1.68	1.66	1.66	1.82														
100	1.79	1.74	1.71	1.72	1.86														
105	1.86	1.81	1.79	1.81	2.01														
110	1.94	1.91	1.88	1.91	2.22														
115	2.08	2.05	2.02	2.06	2.32														
120	2.30	2.26	2.23	2.28	2.49														
125	2.68	2.63	2.61	2.64	2.79														
130	3.24	3.18	3.17	3.20	3.34														
135	3.90	3.83	3.83	3.85	3.95														
140	4.50	4.44	4.44	4.46	4.53														
145	4.96	4.91	4.91	4.93	4.99														
150	5.28	5.23	5.22	5.25	5.28														
155	5.48	5.45	5.45	5.45	5.55														
160	5.58	5.57	5.56	5.56	5.55														
165	5.64	5.62	5.63	5.61	5.62														
170	5.61	5.59	5.60	5.58	5.59														
175	5.47	5.45	5.46	5.45	5.45														
180	5.44	5.44	5.44	5.42	5.43														

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: