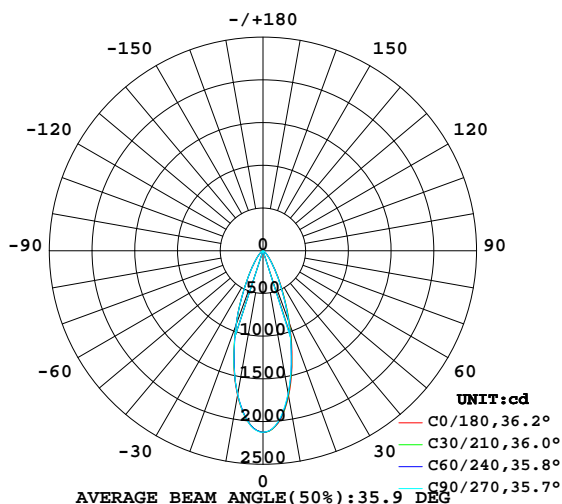


LUMINAIRE PHOTOMETRIC TEST REPORT

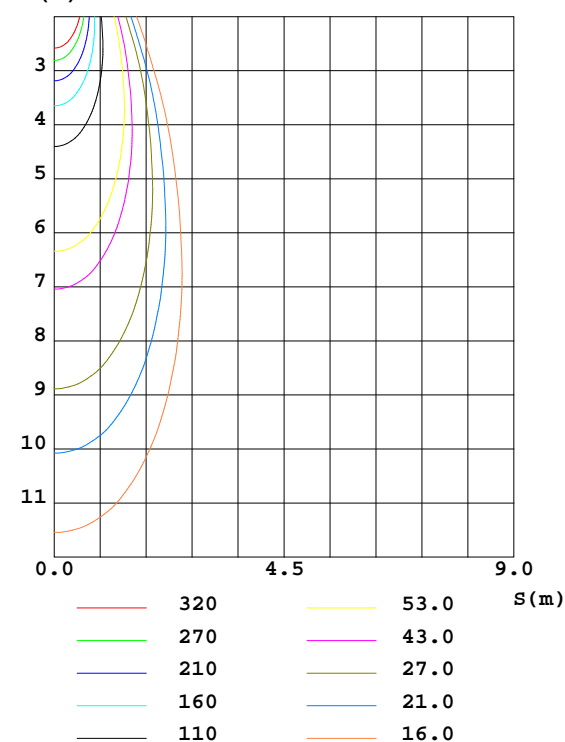
Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:1063.64x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.34 lm/W			
MODEL	M032-11W-827-S-38	Imax(cd)	2126	S/MH(C0/180)	0.59
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.57
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1063.6	η UP,DN(C0-180)	1.2,48.7
NOMINAL FLUX(lm)	1063.64	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.7
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.4	η down(%)	97.4	CIBSE SHR MAX	0.60

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	1726	1717	1694	1721	1721	1697	1707	1709	0- 10	182.5	182.5	17.2,17.2
20	909.6	898.6	881.1	911.2	918.4	900.2	918.0	910.4	10- 20	358.9	541.4	50.9,50.9
30	345.2	327.4	323.7	330.2	339.4	323.0	333.8	330.1	20- 30	261.8	803.1	75.5,75.5
40	120.5	111.1	110.8	120.7	123.6	116.2	119.1	113.9	30- 40	124.5	927.7	87.2,87.2
50	43.65	42.75	44.19	50.77	48.72	42.15	42.42	41.07	40- 50	57.71	985.4	92.6,92.6
60	19.06	17.95	18.72	21.10	21.29	18.92	18.13	17.71	50- 60	25.78	1011	95.1,95.1
70	9.895	9.819	9.574	10.41	10.53	9.890	9.738	9.521	60- 70	13.83	1025	96.4,96.4
80	4.682	5.545	4.453	5.442	5.020	4.740	4.652	5.915	70- 80	7.656	1033	97.1,97.1
90	2.058	2.248	1.901	2.110	2.367	2.522	2.260	2.560	80- 90	3.689	1036	97.4,97.4
100	2.001	2.403	1.868	2.055	2.549	2.811	2.445	2.711	90-100	2.495	1039	97.7,97.7
110	2.345	2.812	2.215	2.646	2.889	3.198	2.789	3.232	100-110	2.653	1041	97.9,97.9
120	3.267	3.608	3.157	3.440	3.642	3.763	3.542	3.840	110-120	3.065	1045	98.2,98.2
130	4.680	4.767	4.598	4.655	4.907	4.955	4.826	4.919	120-130	3.685	1048	98.6,98.6
140	6.262	6.359	6.204	6.191	6.405	6.480	6.350	6.410	130-140	4.296	1053	99.99
150	7.495	7.614	7.449	7.476	7.592	7.729	7.558	7.676	140-150	4.382	1057	99.4,99.4
160	8.040	8.050	8.034	8.029	8.130	8.131	8.137	8.141	150-160	3.649	1061	99.7,99.7
170	8.108	8.108	8.095	8.085	8.160	8.172	8.172	8.172	160-170	2.303	1063	99.9,99.9
180	8.288	8.279	8.272	8.282	8.292	8.279	8.275	8.284	170-180	0.7790	1064	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

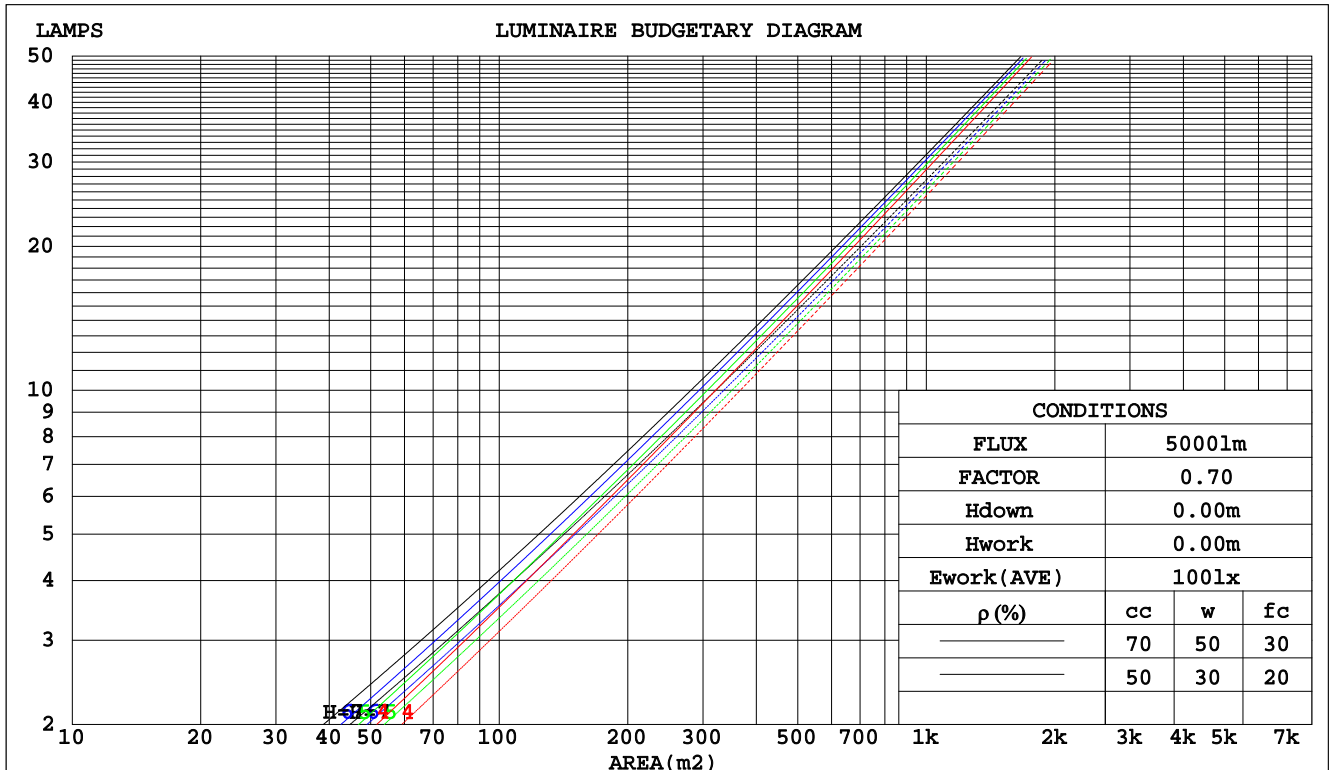
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:0.0590A P:10.60W PF:0.7890 Lamp Flux:1063.64x1 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	1.10	1.08	1.05	1.08	1.05	1.03	1.03	1.01	.00	.99	.98	.96	.95	.94	.93	.91
2.0	1.03	.99	.95	1.01	.97	.94	.97	.94	.92	.94	.91	.89	.91	.89	.87	.85
3.0	.96	.91	.87	.95	.90	.87	.92	.88	.85	.89	.86	.83	.86	.84	.82	.80
4.0	.90	.85	.81	.89	.84	.80	.87	.82	.79	.84	.81	.78	.82	.79	.77	.75
5.0	.85	.80	.76	.84	.79	.75	.82	.78	.74	.80	.76	.73	.78	.75	.72	.71
6.0	.81	.75	.71	.80	.74	.71	.78	.73	.70	.76	.72	.69	.75	.71	.69	.67
7.0	.76	.71	.67	.76	.70	.67	.74	.70	.66	.73	.69	.66	.72	.68	.65	.64
8.0	.73	.67	.63	.72	.67	.63	.71	.66	.63	.70	.65	.62	.69	.65	.62	.61
9.0	.69	.64	.60	.69	.64	.60	.68	.63	.60	.67	.62	.59	.66	.62	.59	.58
10.0	.66	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.63	.59	.56	.55



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:0.0590A P:10.60W PF:0.7890 Lamp Flux:1063.64x1 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	.179	.102	.032	.171	.098	.031	.157	.090	.029	.144	.083	.027	.133	.077	.025		
2.0	.169	.092	.028	.162	.089	.028	.150	.084	.026	.139	.078	.024	.129	.073	.023		
3.0	.159	.084	.025	.153	.082	.025	.143	.077	.024	.133	.073	.022	.125	.069	.021		
4.0	.149	.078	.023	.145	.076	.022	.136	.072	.022	.128	.068	.021	.120	.065	.020		
5.0	.141	.072	.021	.137	.070	.020	.129	.067	.020	.122	.064	.019	.115	.062	.018		
6.0	.134	.067	.019	.130	.066	.019	.123	.063	.018	.117	.061	.018	.111	.058	.017		
7.0	.127	.063	.018	.124	.062	.018	.118	.060	.017	.112	.057	.017	.107	.055	.016		
8.0	.121	.059	.017	.118	.058	.016	.113	.056	.016	.107	.054	.016	.103	.053	.015		
9.0	.116	.056	.016	.113	.055	.015	.108	.053	.015	.103	.052	.015	.099	.050	.015		
10.0	.110	.053	.015	.108	.052	.015	.104	.051	.014	.099	.049	.014	.095	.048	.014		

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	.191	.177	.164	.163	.152	.142	.112	.105	.098	.064	.060	.057	.021	.019	.018		
2.0	.176	.152	.133	.150	.131	.115	.103	.091	.080	.059	.053	.047	.019	.017	.015		
3.0	.163	.134	.110	.140	.115	.095	.096	.080	.067	.055	.047	.039	.018	.015	.013		
4.0	.152	.119	.093	.131	.103	.081	.090	.072	.057	.052	.042	.034	.017	.014	.011		
5.0	.143	.107	.081	.123	.093	.070	.085	.065	.049	.049	.038	.029	.016	.012	.010		
6.0	.135	.098	.071	.116	.085	.062	.080	.059	.044	.047	.035	.026	.015	.011	.009		
7.0	.129	.090	.063	.111	.078	.055	.076	.055	.039	.044	.032	.023	.014	.011	.008		
8.0	.123	.084	.057	.106	.073	.050	.073	.051	.035	.042	.030	.021	.014	.010	.007		
9.0	.117	.079	.052	.101	.068	.046	.070	.048	.032	.041	.028	.019	.013	.009	.006		
10.0	.112	.074	.049	.097	.064	.042	.067	.045	.030	.039	.027	.018	.013	.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:0.0590A P:10.60W PF:0.7890 Lamp Flux:1063.64x1 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	21.4	22.3	21.6	22.5	22.7	21.2	22.1	21.4	22.3	22.5
	3H	21.6	22.4	21.9	22.7	22.9	21.4	22.2	21.7	22.5	22.7
	4H	21.8	22.5	22.1	22.8	23.1	21.5	22.3	21.8	22.6	22.8
	6H	21.9	22.6	22.2	22.9	23.2	21.6	22.4	22.0	22.6	22.9
	8H	21.9	22.6	22.3	22.9	23.2	21.7	22.4	22.0	22.7	23.0
	12H	22.0	22.6	22.3	23.0	23.3	21.7	22.4	22.1	22.7	23.0
4H	2H	21.3	22.1	21.7	22.4	22.6	21.2	21.9	21.5	22.2	22.5
	3H	21.7	22.4	22.1	22.7	23.0	21.5	22.2	21.9	22.5	22.8
	4H	22.0	22.6	22.3	22.9	23.3	21.7	22.3	22.1	22.7	23.0
	6H	22.2	22.7	22.6	23.1	23.5	22.0	22.5	22.4	22.9	23.3
	8H	22.3	22.8	22.7	23.2	23.6	22.0	22.5	22.5	22.9	23.4
	12H	22.4	22.8	22.8	23.3	23.7	22.1	22.6	22.6	23.0	23.5
8H	4H	22.0	22.5	22.4	22.9	23.3	21.8	22.3	22.2	22.7	23.1
	6H	22.3	22.7	22.8	23.2	23.6	22.2	22.6	22.7	23.1	23.6
	8H	22.5	22.8	23.0	23.3	23.8	22.4	22.8	22.9	23.3	23.8
	12H	22.7	23.0	23.2	23.5	24.0	22.6	22.9	23.1	23.4	23.9
12H	4H	22.0	22.4	22.4	22.9	23.3	21.8	22.2	22.2	22.7	23.1
	6H	22.4	22.7	22.8	23.2	23.7	22.3	22.6	22.8	23.1	23.6
	8H	22.6	22.9	23.1	23.4	23.9	22.5	22.8	23.0	23.3	23.9
Variations with the observer position at spacings:											
S = 1.0H	+ 1.4 / - 1.6					+ 1.2 / - 1.4					
1.5H	+ 2.4 / - 1.5					+ 2.1 / - 1.3					
2.0H	+ 2.4 / - 1.0					+ 2.0 / - 1.1					

CIE Pub.117 Corrected 1064 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.2)

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:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:1063.64x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

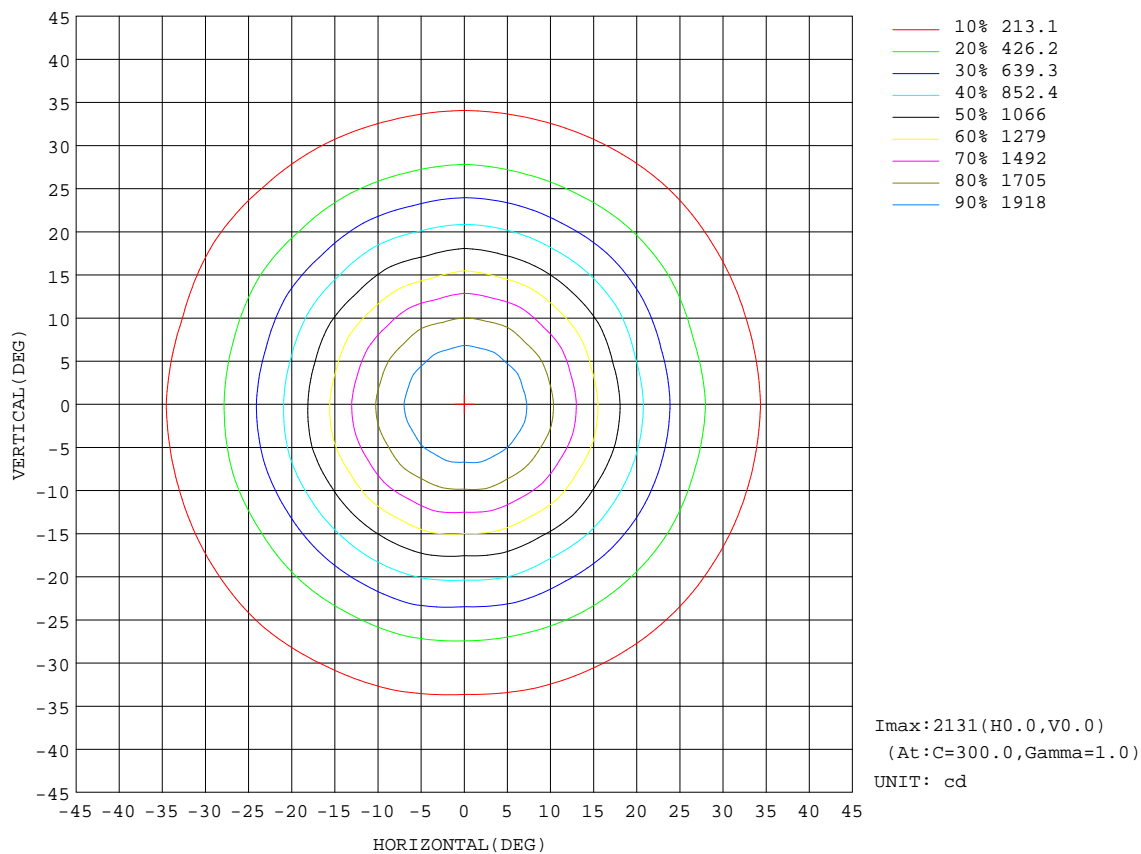
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	84	77	73	83	76	72	82	76	72	68
0.80	91	85	81	90	84	81	89	84	80	76
1.00	96	90	86	95	89	86	93	89	85	80
1.25	100	95	91	99	94	90	97	93	89	85
1.50	103	98	94	102	97	94	99	95	92	87
2.00	106	102	98	105	101	97	102	98	96	90
2.50	108	104	101	106	103	100	103	100	98	91
3.00	110	106	103	108	105	102	104	102	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:0.0590A P:10.60W PF:0.7890 Lamp Flux:1063.64x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



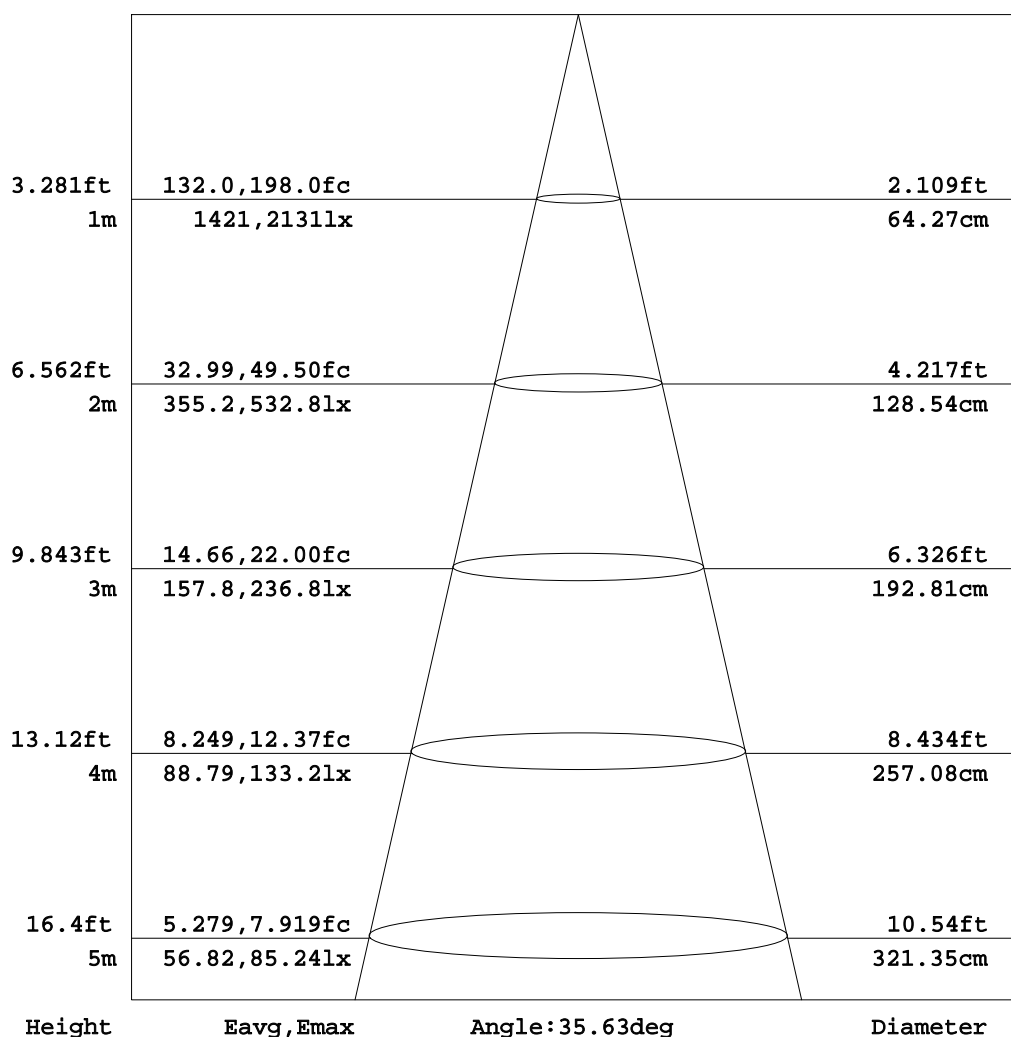
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZhangXiao
 Test Date: 2015-12-07

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:0.0590A P:10.60W PF:0.7890 Lamp Flux:1063.64x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:471.2 lm



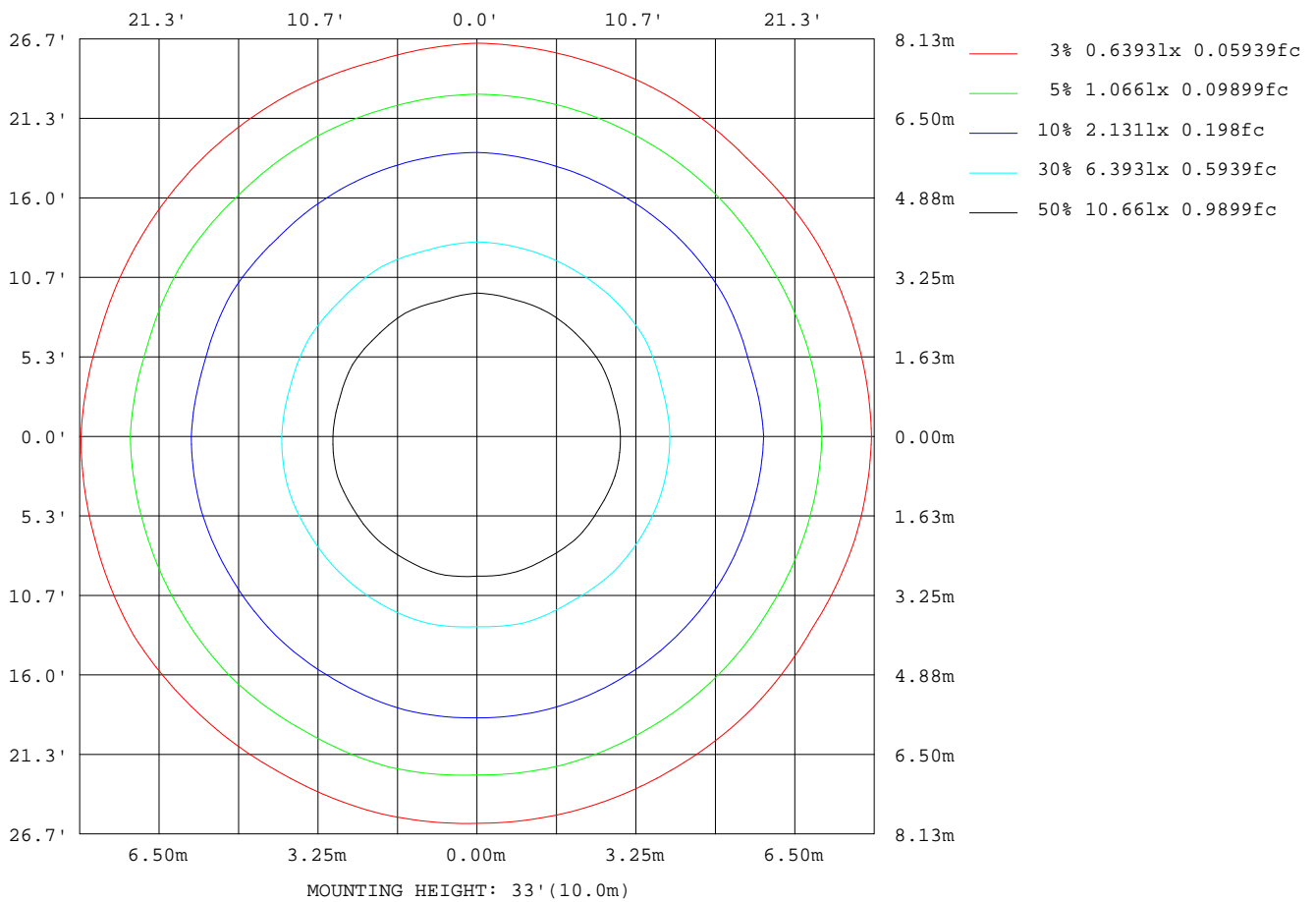
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

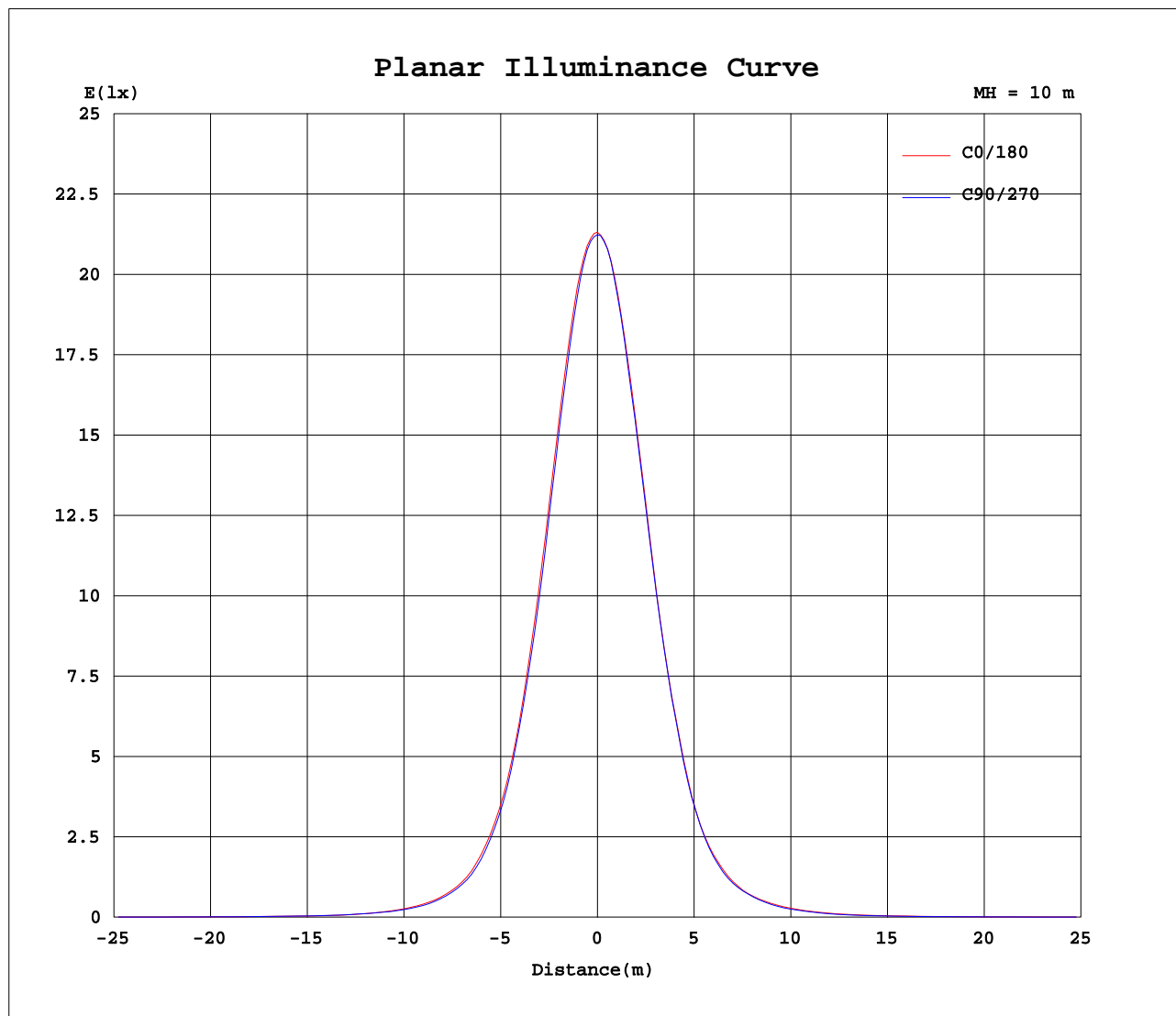
Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:1063.64x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.0590A P:10.60W PF:0.7890 Lamp Flux:1063.64x1 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	2125	2125	2125	2125	2125	2125	2125	2125	2125	2125	2125	2125	2125	2125	2125	2125	2125	2125	2125
5	2027	2029	2020	2027	2017	2022	2012	2016	2009	2016	2013	2018	2013	2008	2009	1999	2007	1999	2011
10	1726	1731	1715	1717	1703	1714	1694	1706	1702	1721	1712	1725	1721	1704	1710	1697	1711	1691	1707
15	1316	1324	1299	1307	1284	1293	1279	1309	1301	1324	1317	1338	1327	1307	1318	1302	1306	1282	1318
20	910	908	898	899	880	898	881	906	913	911	919	937	918	908	918	900	922	899	918
25	568	561	560	556	549	554	544	570	560	565	565	581	580	562	573	558	568	560	572
30	345	334	333	327	326	326	324	330	325	330	332	341	339	326	335	323	326	329	334
35	198	193	187	187	185	187	186	193	191	198	197	199	202	192	192	186	188	189	193
40	121	119	110	111	111	112	111	114	116	121	126	123	124	117	118	116	116	116	119
45	74.7	73.9	68.8	71.5	70.9	68.6	67.3	72.5	73.5	79.6	78.4	79.6	79.2	73.3	72.1	71.5	70.9	72.4	71.4
50	43.6	42.6	41.2	42.7	43.1	42.6	44.2	44.0	44.9	50.8	50.2	49.7	48.7	45.7	47.6	42.1	44.9	44.2	42.4
55	26.5	26.5	26.8	24.9	27.0	25.5	27.8	27.4	29.2	31.6	30.3	30.4	30.6	29.2	28.1	26.8	28.7	27.9	25.4
60	19.1	19.5	19.4	18.0	18.4	17.8	18.7	19.3	20.2	21.1	20.7	20.7	21.3	20.1	19.5	18.9	19.3	18.8	18.1
65	13.8	13.9	13.8	13.4	12.8	12.9	13.3	14.0	14.4	14.8	14.5	14.5	14.8	14.0	14.0	13.7	13.8	13.7	13.6
70	9.90	10.2	9.94	9.82	9.34	9.40	9.57	10.0	10.3	10.4	10.3	10.3	10.5	10.1	10.2	9.89	9.85	9.95	9.74
75	7.00	7.10	6.92	6.97	6.68	6.60	6.80	7.00	7.14	7.25	7.12	7.14	7.36	7.14	7.15	7.00	6.97	7.02	6.89
80	4.68	4.71	4.63	5.54	6.80	4.40	4.45	4.66	4.69	5.44	5.93	4.89	5.02	4.81	4.86	4.74	4.74	4.65	4.65
85	2.90	2.90	2.84	3.19	3.73	2.68	2.69	2.77	2.75	3.34	4.04	2.97	3.23	3.10	3.10	3.44	5.09	2.96	2.98
90	2.06	2.04	2.04	2.25	2.48	1.89	1.90	1.88	1.89	2.11	2.54	2.11	2.37	2.36	2.35	2.52	2.71	2.26	2.26
95	1.99	1.99	1.98	2.34	2.35	1.85	1.84	1.84	1.85	2.05	2.47	2.02	2.45	2.42	2.43	2.64	2.67	2.32	2.34
100	2.00	2.01	2.00	2.40	2.31	1.87	1.87	1.87	1.87	2.05	2.50	2.01	2.55	2.52	2.54	2.81	2.82	2.42	2.45
105	2.11	2.12	2.11	2.67	2.43	1.99	1.97	1.97	1.97	2.27	2.76	2.12	2.69	2.66	2.67	3.13	2.94	2.57	2.59
110	2.34	2.35	2.35	2.81	2.70	2.23	2.22	2.21	2.21	2.65	3.17	2.35	2.89	2.87	2.88	3.20	3.15	2.78	2.79
115	2.74	2.73	2.74	3.15	3.10	2.61	2.61	2.60	2.61	3.08	3.42	2.73	3.20	3.18	3.19	3.40	3.42	3.09	3.11
120	3.27	3.26	3.28	3.61	3.62	3.15	3.16	3.13	3.16	3.44	3.79	3.26	3.64	3.63	3.62	3.76	3.84	3.54	3.54
125	3.93	3.91	3.95	4.16	4.16	3.82	3.82	3.80	3.83	4.04	4.36	3.92	4.21	4.20	4.19	4.26	4.27	4.13	4.13
130	4.68	4.67	4.70	4.77	4.72	4.58	4.60	4.57	4.59	4.66	4.84	4.69	4.91	4.90	4.89	4.95	4.89	4.84	4.83
135	5.49	5.48	5.52	5.57	5.51	5.41	5.42	5.39	5.41	5.42	5.62	5.50	5.67	5.66	5.65	5.73	5.65	5.61	5.60
140	6.26	6.26	6.30	6.36	6.27	6.20	6.20	6.18	6.20	6.19	6.38	6.27	6.40	6.40	6.39	6.48	6.40	6.36	6.35
145	6.95	6.95	6.99	7.06	7.08	6.90	6.90	6.87	6.89	6.89	7.10	6.98	7.06	7.06	7.05	7.13	7.07	7.03	7.02
150	7.49	7.50	7.53	7.61	7.71	7.45	7.45	7.43	7.44	7.48	7.63	7.52	7.59	7.59	7.59	7.73	7.74	7.56	7.56
155	7.86	7.87	7.89	7.91	7.84	7.84	7.84	7.82	7.83	7.90	8.16	7.91	7.96	7.94	7.95	8.16	8.17	7.94	7.93
160	8.04	8.05	8.04	8.05	8.04	8.04	8.03	8.03	8.03	8.03	8.04	8.04	8.13	8.13	8.12	8.13	8.12	8.13	8.14
165	8.10	8.10	8.10	8.09	8.09	8.10	8.09	8.08	8.08	8.07	8.09	8.08	8.16	8.17	8.17	8.17	8.17	8.17	8.18
170	8.11	8.11	8.10	8.11	8.10	8.10	8.09	8.09	8.09	8.09	8.10	8.09	8.16	8.16	8.16	8.17	8.16	8.17	8.17
175	8.15	8.16	8.15	8.16	8.14	8.15	8.15	8.14	8.15	8.14	8.15	8.15	8.19	8.19	8.19	8.19	8.19	8.18	8.20
180	8.29	8.29	8.28	8.28	8.28	8.28	8.27	8.28	8.28	8.28	8.29	8.29	8.29	8.28	8.29	8.28	8.28	8.28	8.27

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:0.0590A P:10.60W PF:0.7890 Lamp Flux:1063.64x1 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	2125	2125	2125	2125	2125														
5	2007	2017	2009	2025	2021														
10	1701	1723	1709	1729	1722														
15	1299	1319	1311	1323	1305														
20	907	902	910	920	894														
25	563	555	568	568	555														
30	324	323	330	335	326														
35	190	189	188	187	194														
40	116	116	114	118	118														
45	73.3	71.7	71.3	70.8	74.9														
50	43.8	42.0	41.1	43.2	43.1														
55	25.7	25.6	25.8	26.4	26.2														
60	17.9	18.0	17.7	18.3	18.4														
65	12.9	13.3	13.0	13.1	13.2														
70	9.54	9.66	9.52	9.69	9.55														
75	6.89	6.84	7.02	7.05	6.82														
80	4.66	4.63	5.91	6.93	4.72														
85	2.99	2.97	4.04	4.86	3.11														
90	2.28	2.27	2.56	3.00	2.43														
95	2.33	2.35	2.63	3.11	2.47														
100	2.44	2.45	2.71	3.13	2.59														
105	2.58	2.60	2.94	3.35	2.75														
110	2.79	2.80	3.23	3.67	2.95														
115	3.11	3.13	3.51	3.86	3.27														
120	3.56	3.57	3.84	4.14	3.72														
125	4.14	4.15	4.30	4.62	4.29														
130	4.85	4.85	4.92	5.07	5.00														
135	5.62	5.61	5.66	5.82	5.76														
140	6.37	6.36	6.41	6.54	6.49														
145	7.03	7.03	7.09	7.24	7.14														
150	7.56	7.56	7.68	7.81	7.65														
155	7.93	7.94	8.05	8.18	7.99														
160	8.13	8.14	8.14	8.15	8.15														
165	8.18	8.18	8.18	8.18	8.18														
170	8.17	8.18	8.17	8.19	8.17														
175	8.19	8.21	8.20	8.21	8.20														
180	8.27	8.29	8.28	8.29	8.29														

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: