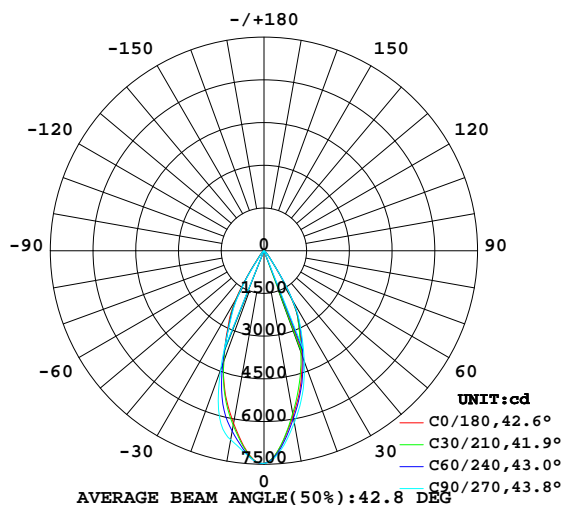


LUMINAIRE PHOTOMETRIC TEST REPORT

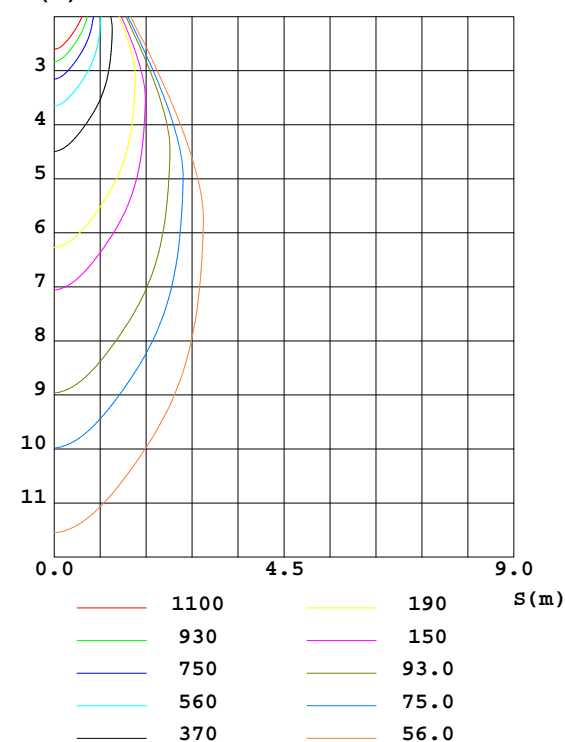
Test:U:226.6V I:0.1790A P:38.60W PF:0.9490 Lamp Flux:4274.31x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 110.73 lm/W			
MODEL	DL09-40W-840-W-45-02	Imax(cd)	7467	S/MH(C0/180)	0.65
NOMINAL POWER(W)	38	LOR(%)	100.0	S/MH(C90/270)	0.68
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	4274.3	η UP,DN(C0-180)	1.3,48.7
NOMINAL FLUX(lm)	4274.31	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.6
LAMPS INSIDE	1	η up(%)	2.7	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	226.6	η down(%)	97.3	CIBSE SHR MAX	0.75

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:2016-08-01

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [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	5879	5894	6135	6157	6153	6266	6742	6432	0- 10	643.1	643.1	15.15
20	3898	3897	4142	4136	4148	4094	4456	4261	10- 20	1461	2104	49.2,49.2
30	1936	2030	2009	2087	2009	1852	1776	1779	20- 30	1362	3466	81.1,81.1
40	272.9	310.3	265.2	281.1	258.4	226.5	203.0	208.0	30- 40	501.4	3968	92.8,92.8
50	71.68	79.38	68.01	70.34	65.88	60.48	57.26	57.80	40- 50	103.7	4072	95.3,95.3
60	30.59	31.69	30.54	31.40	30.28	29.27	28.93	28.68	50- 60	39.31	4111	96.2,96.2
70	18.02	18.29	18.13	18.42	18.14	17.94	17.39	17.44	60- 70	23.03	4134	96.7,96.7
80	11.68	11.87	11.64	11.76	12.33	12.63	12.26	12.34	70- 80	15.51	4149	97.1,97.1
90	8.141	8.894	8.137	8.149	9.613	10.85	9.752	9.709	80- 90	11.58	4161	97.3,97.3
100	8.043	8.239	8.059	8.085	10.31	10.58	10.36	10.38	90-100	9.920	4171	97.6,97.6
110	9.873	9.723	9.676	9.678	12.01	12.19	12.13	12.18	100-110	10.49	4181	97.8,97.8
120	13.85	13.59	13.68	13.58	15.43	15.61	15.68	15.76	110-120	12.50	4194	98.1,98.1
130	19.78	19.65	19.71	19.50	20.74	20.83	20.87	21.06	120-130	15.49	4209	98.5,98.5
140	26.48	26.31	26.21	26.06	26.94	27.00	26.91	27.12	130-140	18.11	4227	98.9,98.9
150	31.72	31.61	31.52	31.41	32.14	32.20	32.17	32.35	140-150	18.45	4246	99.3,99.3
160	33.97	33.93	33.93	33.80	34.33	34.34	34.29	34.25	150-160	15.35	4261	99.7,99.7
170	34.47	34.27	34.13	34.36	34.78	34.94	34.83	34.70	160-170	9.744	4271	99.9,99.9
180	35.18	35.25	35.37	35.35	35.17	35.25	35.36	35.35	170-180	3.318	4274	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

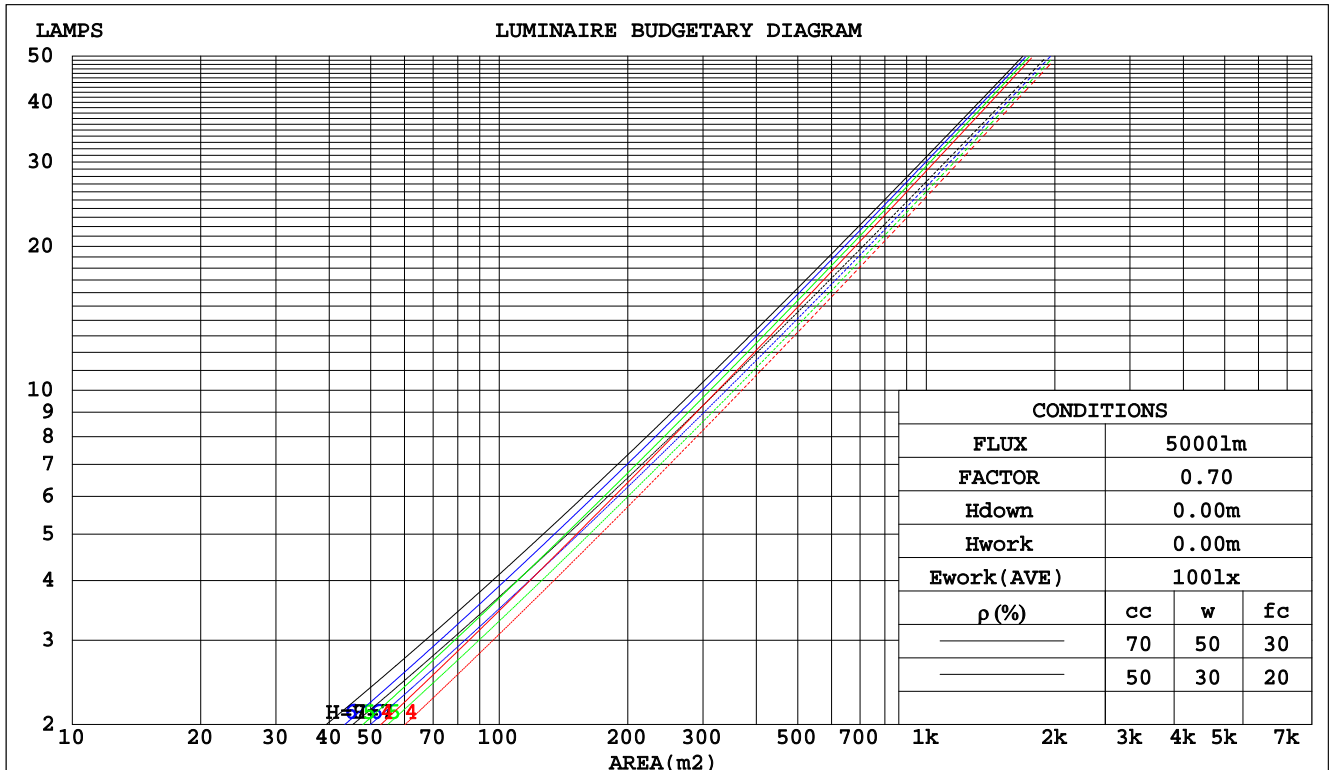
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.6V I:0.1790A P:38.60W PF:0.9490 Lamp Flux:4274.31lx1 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	1.06	1.08	1.06	1.04	1.04	1.02	1.00	.99	.98	.97	.96	.95	.94	.92
2.0	1.03	.00	.96	1.01	.98	.95	.98	.95	.93	.94	.92	.90	.91	.90	.88	.86
3.0	.97	.92	.89	.96	.91	.88	.93	.89	.86	.90	.87	.85	.87	.85	.83	.81
4.0	.92	.86	.83	.90	.86	.82	.88	.84	.81	.86	.82	.79	.83	.81	.78	.77
5.0	.86	.81	.77	.85	.80	.77	.83	.79	.76	.81	.78	.75	.80	.77	.74	.73
6.0	.82	.76	.72	.81	.76	.72	.79	.75	.71	.78	.74	.71	.76	.73	.70	.69
7.0	.78	.72	.68	.77	.72	.68	.75	.71	.68	.74	.70	.67	.73	.69	.67	.65
8.0	.74	.68	.65	.73	.68	.64	.72	.67	.64	.71	.67	.64	.70	.66	.63	.62
9.0	.70	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.67	.63	.60	.59
10.0	.67	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.64	.60	.57	.56



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.610m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:226.6V I:0.1790A P:38.60W PF:0.9490 Lamp Flux:4274.31x1 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	.171	.098	.031	.164	.094	.030	.150	.086	.027	.137	.079	.025	.125	.072	.023	
2.0	.161	.088	.027	.155	.085	.026	.143	.080	.025	.132	.074	.023	.122	.069	.022	
3.0	.152	.081	.024	.147	.078	.024	.136	.074	.022	.127	.070	.021	.118	.065	.020	
4.0	.144	.075	.022	.139	.073	.022	.130	.069	.021	.122	.065	.020	.114	.062	.019	
5.0	.136	.069	.020	.132	.068	.020	.124	.065	.019	.117	.062	.018	.111	.059	.018	
6.0	.130	.065	.019	.126	.064	.018	.119	.061	.018	.113	.059	.017	.107	.056	.017	
7.0	.124	.061	.017	.121	.060	.017	.114	.058	.017	.109	.056	.016	.103	.054	.016	
8.0	.118	.058	.016	.115	.057	.016	.110	.055	.016	.105	.053	.015	.100	.051	.015	
9.0	.113	.055	.015	.111	.054	.015	.106	.052	.015	.101	.051	.015	.097	.049	.014	
10.0	.109	.052	.014	.106	.051	.014	.102	.050	.014	.098	.048	.014	.094	.047	.014	

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	.211	.211	.211	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.191	.178	.166	.164	.153	.143	.112	.105	.099	.064	.061	.057	.021	.020	.019	
2.0	.175	.153	.134	.150	.132	.116	.103	.091	.081	.059	.053	.047	.019	.017	.015	
3.0	.162	.134	.112	.139	.116	.097	.096	.080	.068	.055	.047	.040	.018	.015	.013	
4.0	.152	.119	.095	.130	.103	.082	.089	.072	.058	.052	.042	.034	.017	.014	.011	
5.0	.142	.108	.082	.122	.093	.071	.084	.065	.050	.049	.038	.030	.016	.012	.010	
6.0	.135	.098	.072	.116	.085	.063	.080	.060	.044	.046	.035	.026	.015	.011	.009	
7.0	.128	.091	.064	.110	.078	.056	.076	.055	.040	.044	.032	.024	.014	.011	.008	
8.0	.122	.084	.058	.105	.073	.051	.073	.051	.036	.042	.030	.021	.014	.010	.007	
9.0	.117	.079	.053	.101	.069	.047	.070	.048	.033	.041	.028	.020	.013	.009	.007	
10.0	.112	.075	.049	.097	.065	.043	.067	.046	.031	.039	.027	.018	.013	.009	.006	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:226.6V I:0.1790A P:38.60W PF:0.9490 Lamp Flux:4274.31xl 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	19.2	20.0	19.4	20.2	20.4	19.3	20.2	19.6	20.4	20.6	
	3H	19.1	19.9	19.4	20.2	20.4	19.3	20.1	19.6	20.3	20.6
	4H	19.1	19.9	19.4	20.1	20.4	19.3	20.0	19.6	20.3	20.6
	6H	19.2	19.9	19.5	20.1	20.4	19.3	20.0	19.7	20.3	20.6
	8H	19.2	19.9	19.6	20.2	20.5	19.4	20.0	19.7	20.3	20.6
	12H	19.3	19.9	19.6	20.2	20.6	19.4	20.1	19.8	20.4	20.7
4H	2H	19.0	19.7	19.3	20.0	20.2	19.1	19.9	19.5	20.1	20.4
	3H	19.0	19.6	19.3	19.9	20.3	19.1	19.8	19.5	20.1	20.4
	4H	19.0	19.6	19.4	20.0	20.3	19.2	19.8	19.6	20.1	20.5
	6H	19.1	19.7	19.6	20.0	20.4	19.3	19.8	19.7	20.2	20.6
	8H	19.2	19.7	19.7	20.1	20.5	19.4	19.8	19.8	20.2	20.7
	12H	19.4	19.8	19.9	20.3	20.7	19.5	20.0	20.0	20.4	20.8
8H	4H	19.0	19.4	19.4	19.8	20.3	19.1	19.6	19.6	20.0	20.4
	6H	19.2	19.6	19.6	20.0	20.5	19.3	19.7	19.8	20.1	20.6
	8H	19.3	19.7	19.8	20.2	20.6	19.5	19.8	19.9	20.3	20.8
	12H	19.6	19.9	20.1	20.4	20.9	19.7	20.0	20.2	20.5	21.0
12H	4H	18.9	19.4	19.4	19.8	20.2	19.1	19.5	19.5	19.9	20.4
	6H	19.2	19.5	19.7	20.0	20.5	19.3	19.6	19.8	20.1	20.6
	8H	19.4	19.7	19.9	20.2	20.7	19.5	19.8	20.0	20.3	20.8
Variations with the observer position at spacings:											
S = 1.0H	+ 1.7 / - 2.4					+ 1.7 / - 2.3					
1.5H	+ 3.2 / - 2.1					+ 3.4 / - 2.1					
2.0H	+ 2.2 / - 0.9					+ 1.9 / - 0.8					

CIE Pub.117 Corrected 4274 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.0)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:226.6V I:0.1790A P:38.60W PF:0.9490 Lamp Flux:4274.31x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

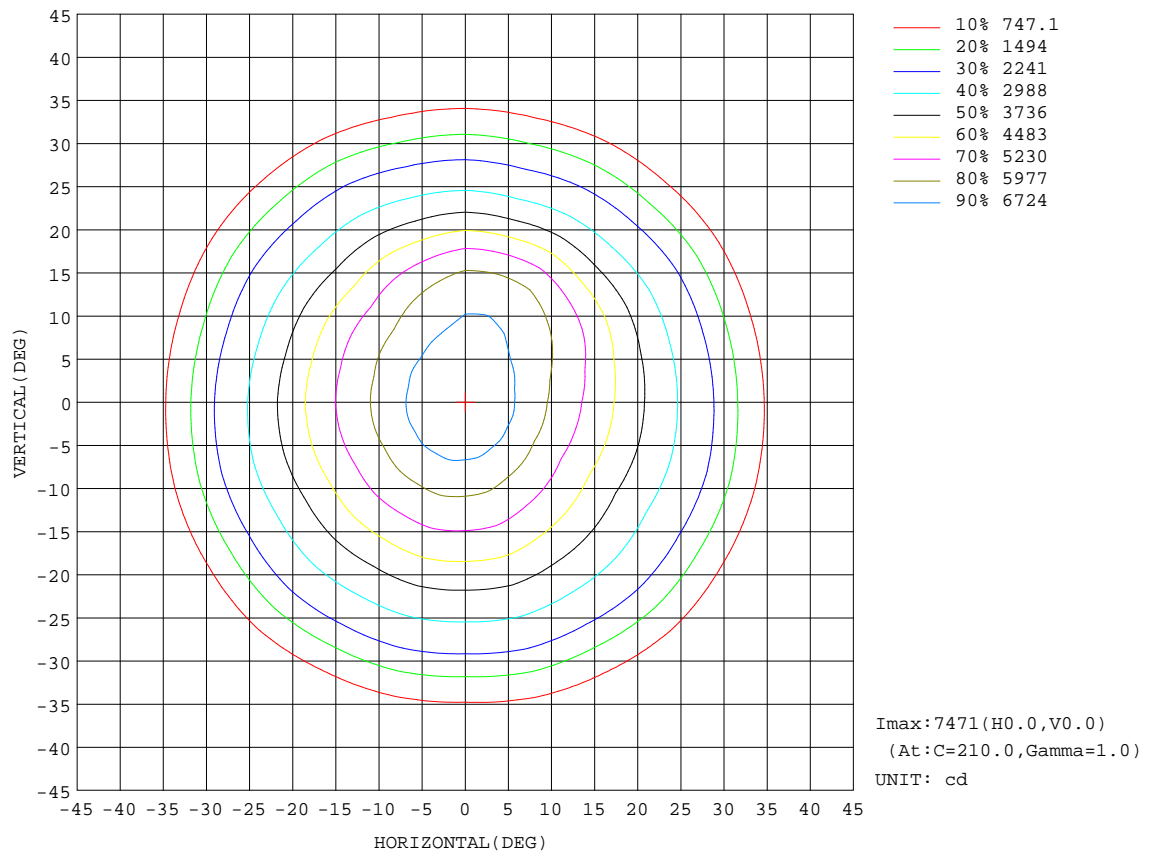
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	73
0.80	94	89	85	94	88	85	92	87	84	80
1.00	99	93	89	98	92	89	96	92	88	84
1.25	102	97	94	101	97	93	99	95	92	88
1.50	105	100	97	104	99	96	101	98	95	90
2.00	108	103	100	106	102	99	103	100	98	92
2.50	109	106	102	108	104	101	104	101	99	93
3.00	111	107	105	109	106	103	105	103	101	94
4.00	113	110	108	111	108	106	107	105	103	95
5.00	114	112	110	112	110	108	107	106	105	96
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:2016-08-01

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:226.6V I:0.1790A P:38.60W PF:0.9490 Lamp Flux:4274.31x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



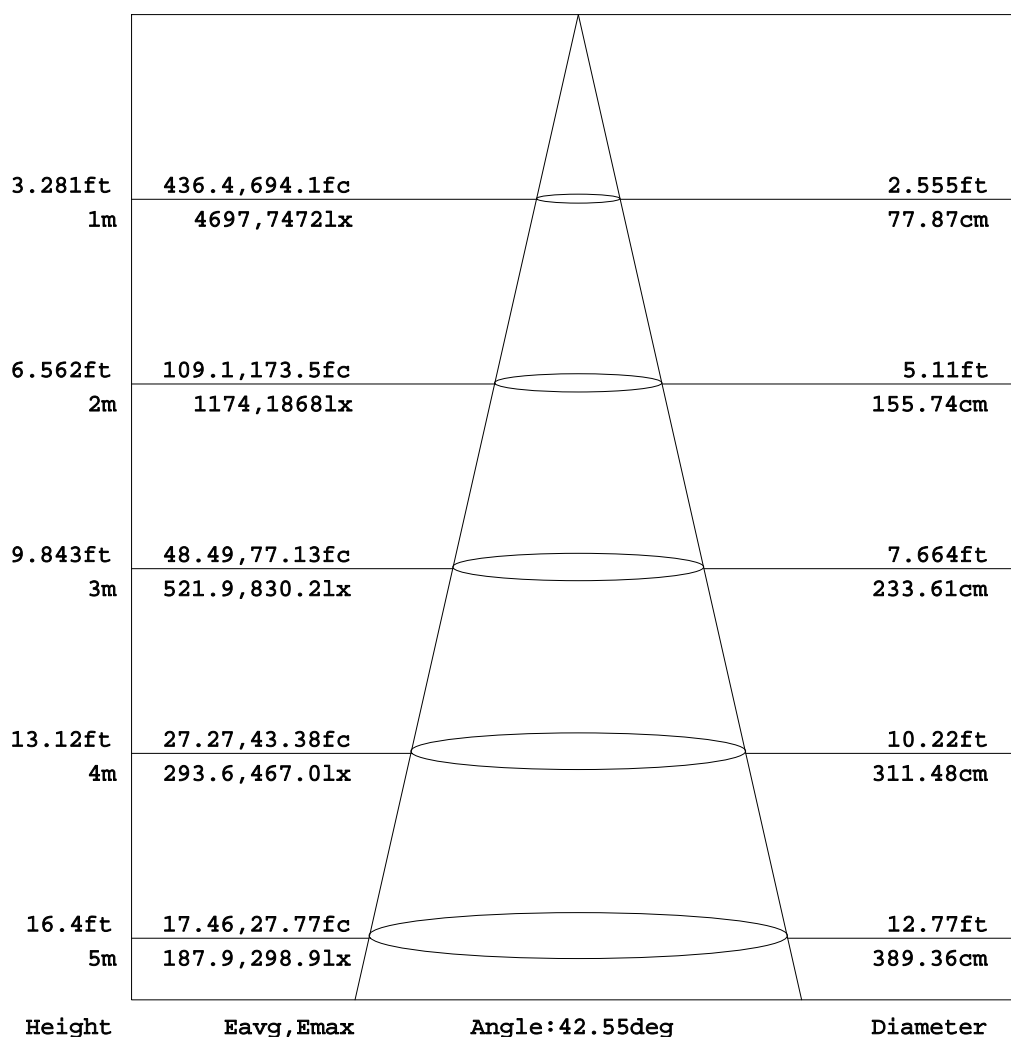
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.610m [K=1.0000]
Remarks:

AAI Figure

Test:U:226.6V I:0.1790A P:38.60W PF:0.9490 Lamp Flux:4274.31x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:2409 lm



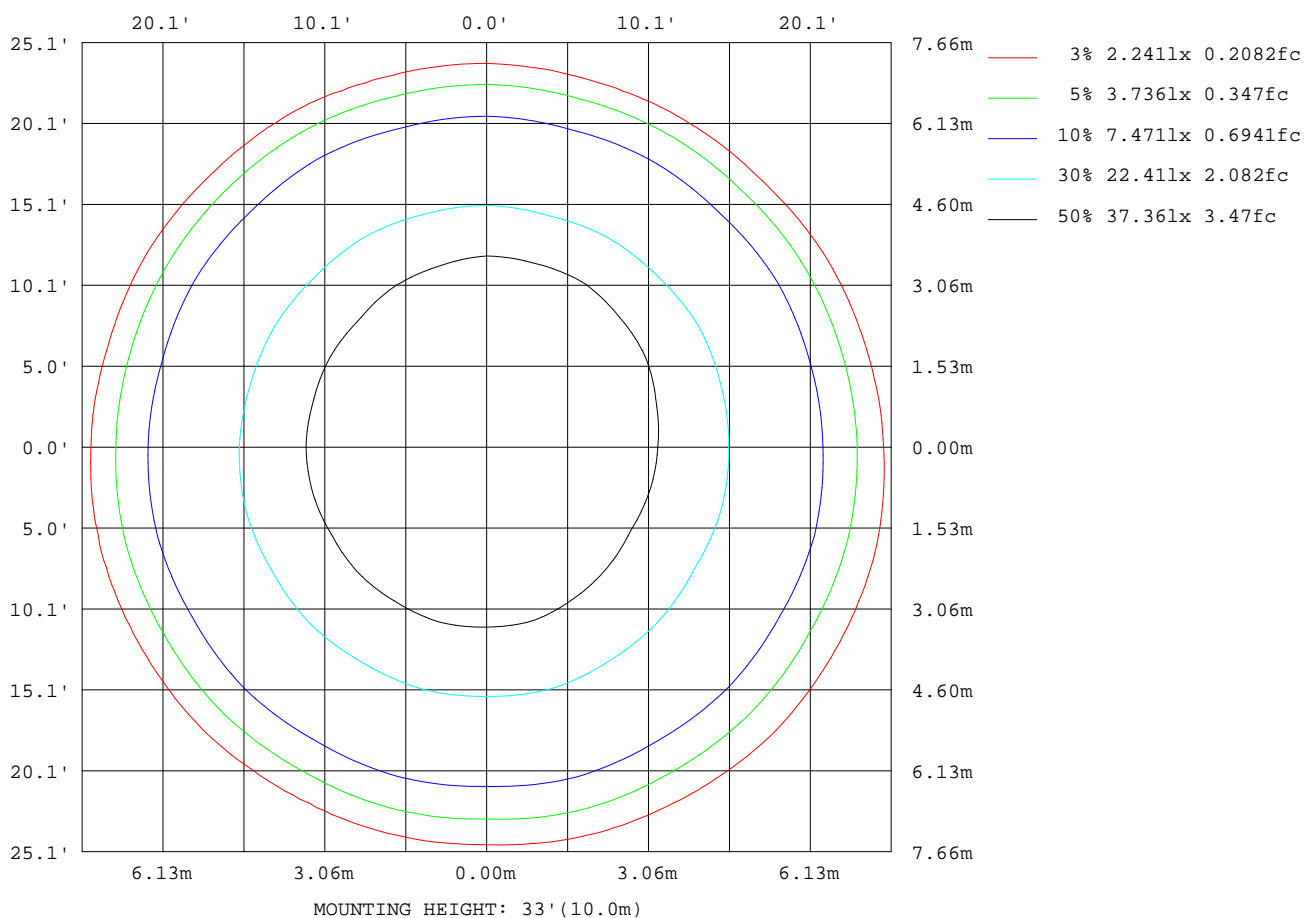
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

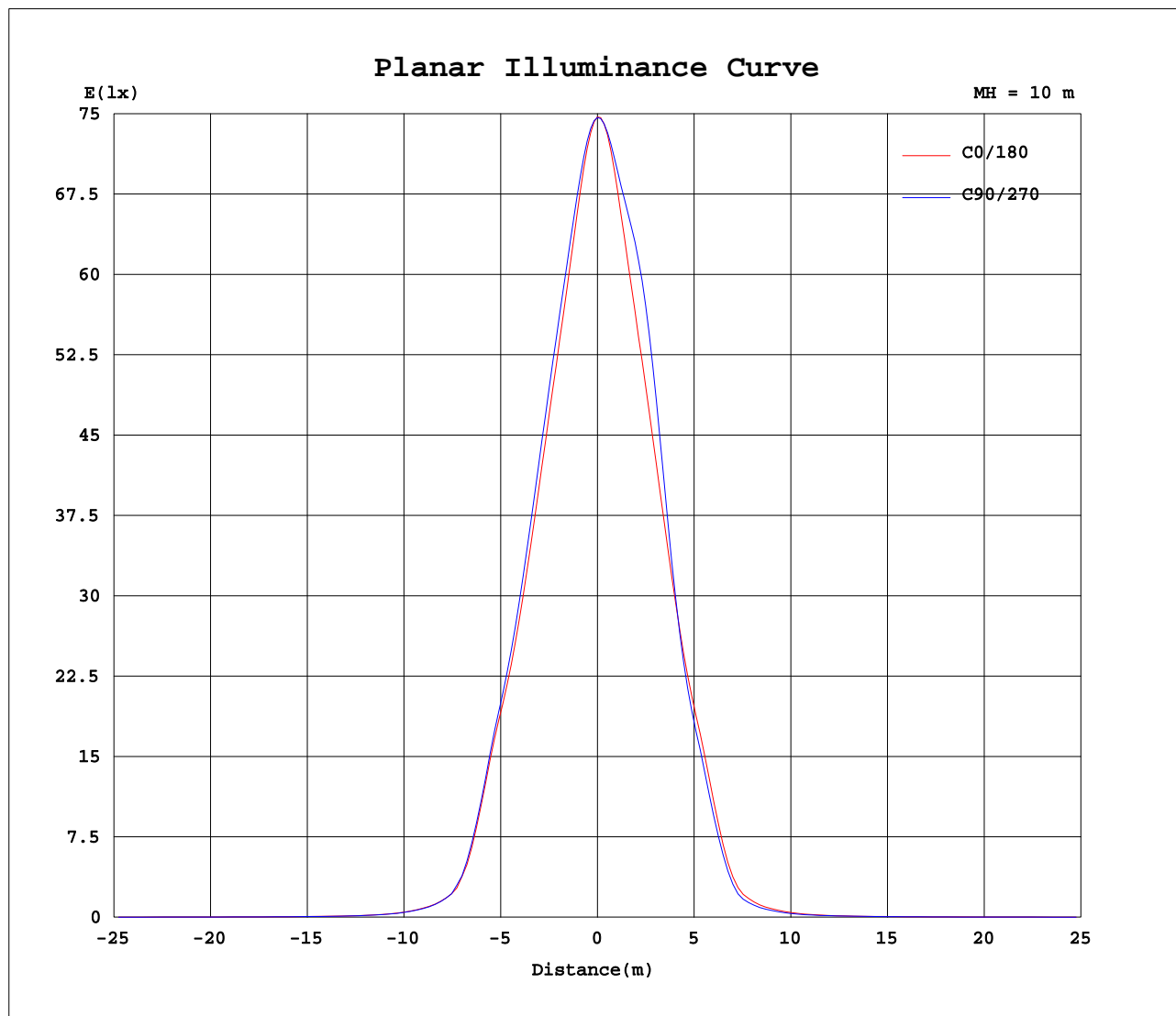
Test:U:226.6V I:0.1790A P:38.60W PF:0.9490 Lamp Flux:4274.31x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.610m [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: 2016-08-01

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.610m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.6V I:0.1790A P:38.60W PF:0.9490 Lamp Flux:4274.31x1 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	7467	7467	7467	7467	7467	7467	7467	7467	7467	7467	7467	7467	7467	7467	7467	7467	7467	7467	7467
5	6860	6871	6854	6908	6925	6992	7003	7045	7035	7059	7031	7057	7049	7032	7083	7082	7138	7142	7172
10	5879	5833	5805	5894	5969	6095	6135	6185	6151	6157	6116	6147	6153	6144	6225	6266	6437	6586	6742
15	4933	4861	4802	4913	5022	5179	5211	5253	5203	5207	5155	5205	5236	5223	5296	5337	5579	5786	6049
20	3898	3854	3792	3897	4005	4141	4142	4176	4120	4136	4090	4136	4148	4097	4128	4094	4249	4290	4456
25	2920	2935	2894	2972	3012	3099	3077	3106	3062	3088	3043	3074	3030	2960	2948	2891	2919	2862	2874
30	1936	2014	1966	2030	1996	2078	2009	2069	2022	2087	2022	2069	2009	1928	1937	1852	1861	1760	1776
35	688	715	701	745	722	756	701	733	707	750	713	730	687	661	640	622	603	575	562
40	273	298	304	310	293	282	265	270	270	281	275	273	258	243	239	226	221	207	203
45	135	151	154	156	144	139	129	131	131	138	133	131	125	118	117	110	108	102	100
50	71.7	77.5	79.4	79.4	73.9	70.6	68.0	68.0	69.2	70.3	69.6	68.3	65.9	63.2	62.9	60.5	59.9	57.8	57.3
55	43.7	46.0	46.4	46.5	44.7	43.6	42.6	43.0	43.2	43.8	43.2	43.0	42.0	41.1	41.1	40.2	40.1	39.6	39.6
60	30.6	31.5	31.3	31.7	31.3	31.2	30.5	31.0	31.0	31.4	30.9	30.9	30.3	29.8	29.9	29.3	29.3	28.9	28.9
65	23.2	23.6	23.3	23.6	23.5	23.6	23.3	23.5	23.5	23.7	23.4	23.5	23.1	22.9	22.8	22.5	22.5	22.0	21.9
70	18.0	18.3	18.1	18.3	18.3	18.3	18.1	18.3	18.3	18.4	18.3	18.3	18.1	18.0	18.1	17.9	17.7	17.4	17.4
75	14.5	14.7	14.5	14.7	14.6	14.6	14.6	14.7	14.6	14.7	14.5	14.5	14.7	14.7	14.7	14.7	14.6	14.5	14.4
80	11.7	11.8	11.7	11.9	11.7	11.8	11.6	11.7	11.7	11.8	11.7	11.7	12.3	12.4	12.5	12.6	12.4	12.3	12.3
85	9.98	9.95	10.0	10.3	10.0	9.96	9.86	9.86	9.85	9.92	10.00	10.1	11.1	11.1	11.4	11.8	11.2	11.1	11.1
90	8.14	8.08	8.28	8.89	8.35	8.11	8.14	8.16	8.10	8.15	8.12	8.18	9.61	9.63	9.87	10.8	9.91	9.68	9.75
95	7.98	7.91	8.16	8.69	8.24	7.91	8.02	7.97	8.01	7.99	8.02	8.00	9.93	9.95	10.3	10.7	10.1	9.99	10.0
100	8.04	8.00	8.06	8.24	8.17	8.02	8.06	8.07	8.10	8.08	8.10	8.09	10.3	10.4	10.4	10.6	10.4	10.4	10.4
105	8.67	8.60	8.64	8.65	8.65	8.56	8.60	8.58	8.62	8.61	8.68	8.66	11.0	11.0	11.0	11.2	11.1	11.1	11.0
110	9.87	9.76	9.79	9.72	9.74	9.64	9.68	9.62	9.69	9.68	9.79	9.77	12.0	12.1	12.1	12.2	12.1	12.2	12.1
115	11.6	11.5	11.5	11.4	11.4	11.3	11.3	11.3	11.4	11.3	11.5	11.4	13.5	13.6	13.6	13.7	13.6	13.7	13.7
120	13.8	13.7	13.7	13.6	13.7	13.6	13.7	13.6	13.7	13.6	13.7	13.6	15.4	15.5	15.5	15.6	15.6	15.7	15.7
125	16.6	16.4	16.5	16.4	16.5	16.4	16.5	16.4	16.5	16.3	16.4	16.3	17.9	18.0	17.9	18.0	18.0	18.1	18.1
130	19.8	19.7	19.8	19.7	19.7	19.6	19.7	19.6	19.7	19.5	19.6	19.5	20.7	20.8	20.7	20.8	20.8	20.9	20.9
135	23.2	23.1	23.2	23.1	23.1	23.0	23.0	22.9	23.0	22.8	23.0	22.9	23.9	23.9	23.8	23.9	23.9	24.0	23.9
140	26.5	26.4	26.5	26.3	26.3	26.2	26.2	26.1	26.2	26.1	26.2	26.2	26.9	27.0	26.9	27.0	26.9	27.1	26.9
145	29.4	29.3	29.6	29.3	29.2	29.0	29.1	29.1	29.1	29.0	29.1	29.1	30.0	29.9	29.8	29.9	30.2	30.9	29.8
150	31.7	31.6	31.8	31.6	31.6	31.5	31.5	31.5	31.5	31.4	31.5	31.5	32.1	32.2	32.1	32.2	32.3	32.5	32.2
155	33.2	33.2	33.2	33.1	33.2	33.1	33.1	33.1	33.1	33.0	33.0	33.0	33.6	33.6	33.6	33.6	33.6	33.7	33.6
160	34.0	33.9	34.0	33.9	34.0	33.9	33.9	33.9	33.9	33.8	33.8	33.8	34.3	34.4	34.3	34.3	34.3	34.3	34.3
165	34.3	34.3	34.3	34.3	34.2	34.2	34.1	34.1	34.1	34.1	34.2	34.3	34.7	34.8	34.8	34.8	34.7	34.7	34.6
170	34.5	34.4	34.4	34.3	34.2	34.1	34.1	34.2	34.3	34.4	34.5	34.5	34.8	34.9	34.9	34.9	34.9	34.9	34.8
175	34.7	34.6	34.6	34.5	34.6	34.6	34.7	34.7	34.8	34.8	34.9	34.8	34.9	35.0	35.0	35.1	35.1	35.1	35.1
180	35.2	35.2	35.2	35.2	35.3	35.3	35.4	35.4	35.4	35.3	35.3	35.3	35.2	35.2	35.2	35.2	35.3	35.3	35.4

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.6V I:0.1790A P:38.60W PF:0.9490 Lamp Flux:4274.31x1 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	7467	7467	7467	7467	7467														
5	7140	7111	7023	6977	6891														
10	6755	6659	6432	6224	6006														
15	6054	5984	5675	5412	5106														
20	4399	4449	4261	4181	3986														
25	2813	2885	2888	2951	2918														
30	1711	1774	1779	1894	1893														
35	547	544	569	604	647														
40	195	201	208	232	249														
45	96.3	99.6	102	113	121														
50	55.9	56.8	57.8	61.6	64.8														
55	39.1	39.3	39.3	40.4	41.2														
60	28.6	28.8	28.7	29.2	29.3														
65	21.8	21.9	21.9	22.3	22.4														
70	17.3	17.4	17.4	17.6	17.8														
75	14.3	14.4	14.4	14.5	14.6														
80	12.3	12.3	12.3	12.3	12.3														
85	11.1	11.1	11.1	11.1	11.1														
90	9.70	9.66	9.71	9.68	9.81														
95	10.0	9.97	10.0	9.95	10.0														
100	10.4	10.4	10.4	10.3	10.4														
105	11.1	11.0	11.1	11.0	11.1														
110	12.2	12.1	12.2	12.1	12.1														
115	13.8	13.7	13.7	13.6	13.7														
120	15.8	15.7	15.8	15.6	15.7														
125	18.2	18.1	18.2	18.1	18.2														
130	21.0	20.9	21.1	21.0	21.0														
135	24.0	23.9	24.1	24.0	24.1														
140	27.0	26.9	27.1	27.1	27.2														
145	29.8	29.8	30.3	30.2	29.9														
150	32.2	32.1	32.4	32.2	32.2														
155	33.7	33.6	33.7	33.6	33.5														
160	34.3	34.3	34.2	34.2	34.2														
165	34.6	34.6	34.6	34.5	34.6														
170	34.8	34.7	34.7	34.7	34.7														
175	35.1	35.0	35.0	34.9	34.9														
180	35.4	35.4	35.3	35.3	35.3														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks: