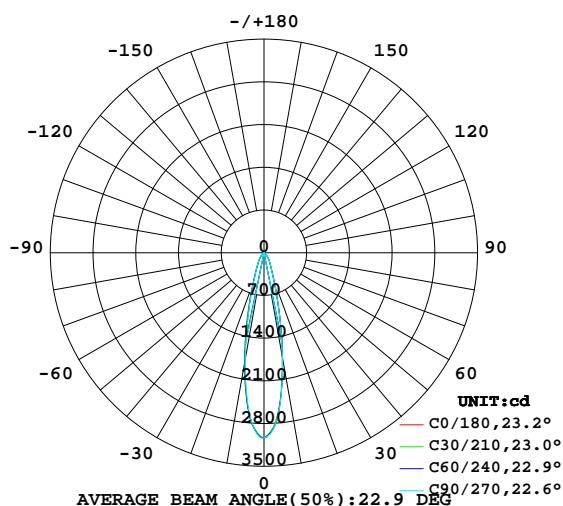


LUMINAIRE PHOTOMETRIC TEST REPORT

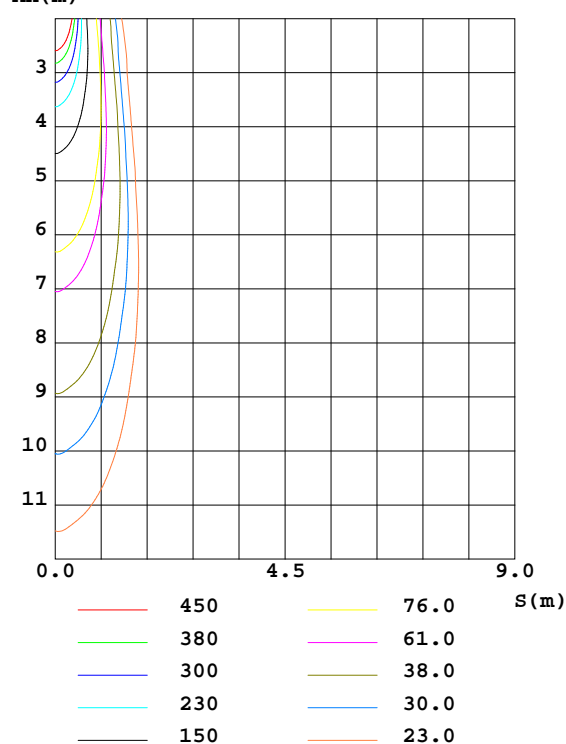
Test:U:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:832.047x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 97.66 lm/W			
MODEL	M022-9W-827-S-24	Imax(cd)	3037	S/MH(C0/180)	0.39
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.38
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	832.05	η UP,DN(C0-180)	1.2,48.8
NOMINAL FLUX(lm)	832.047	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.6
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	1750	1769	1744	1818	1837	1770	1770	1739	0- 10	224.9	224.9	27.27
20	476.7	483.0	463.6	509.9	520.7	499.2	489.6	462.6	10- 20	268.6	493.6	59.3,59.3
30	195.3	198.2	198.6	199.7	194.9	188.2	202.2	193.2	20- 30	137.9	631.5	75.9,75.9
40	95.12	93.61	98.30	96.80	89.89	85.67	101.1	100.4	30- 40	87.07	718.6	86.4,86.4
50	36.64	37.10	44.63	45.05	39.41	37.39	47.18	43.56	40- 50	49.60	768.1	92.3,92.3
60	13.73	13.95	14.85	15.81	15.75	15.26	15.49	14.80	50- 60	22.95	791.1	95.1,95.1
70	7.120	7.360	7.564	7.682	7.529	7.640	7.946	7.390	60- 70	10.67	801.8	96.4,96.4
80	3.684	4.333	3.669	5.606	3.853	3.816	3.919	6.551	70- 80	6.144	807.9	97.1,97.1
90	1.624	1.746	1.485	1.554	1.880	1.977	1.780	1.989	80- 90	3.073	811.0	97.5,97.5
100	1.436	1.582	1.308	1.559	2.009	2.203	1.921	2.287	90-100	1.899	812.9	97.7,97.7
110	1.730	1.945	1.635	1.979	2.212	2.412	2.133	2.447	100-110	2.012	814.9	97.9,97.9
120	2.338	2.687	2.254	2.508	2.631	2.884	2.573	2.792	110-120	2.259	817.2	98.2,98.2
130	3.539	3.696	3.445	3.523	3.678	3.794	3.661	3.752	120-130	2.718	819.9	98.5,98.5
140	5.029	5.145	4.961	4.990	5.101	5.199	5.090	5.149	130-140	3.373	823.2	98.9,98.9
150	5.946	6.022	5.887	5.950	6.015	6.105	5.994	6.070	140-150	3.507	826.8	99.4,99.4
160	6.349	6.332	6.346	6.372	6.400	6.393	6.407	6.398	150-160	2.872	829.6	99.7,99.7
170	6.342	6.341	6.381	6.370	6.405	6.426	6.418	6.428	160-170	1.821	831.4	99.9,99.9
180	6.255	6.257	6.273	6.272	6.248	6.267	6.269	6.272	170-180	0.6015	832.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

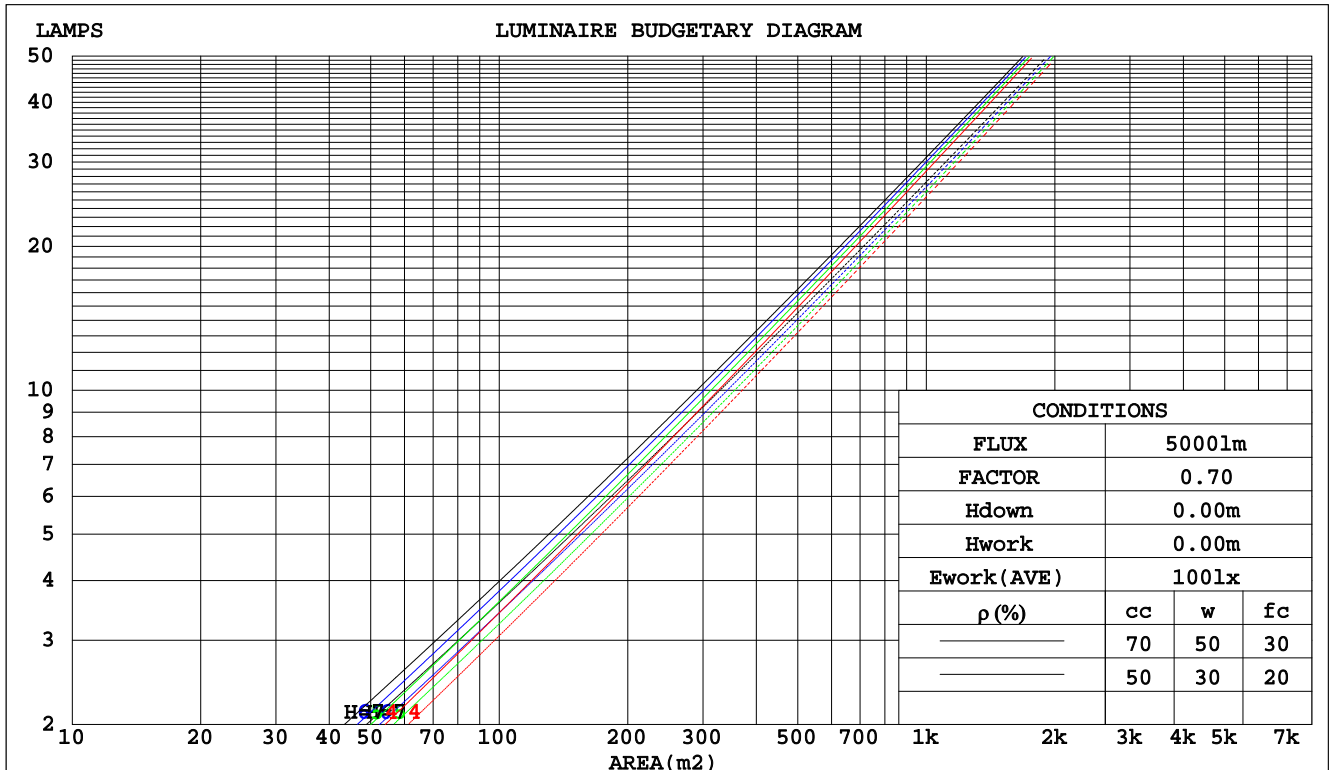
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:832.047x1 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	1.04	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	1.04	.00	.97	1.02	.98	.95	.98	.95	.93	.95	.92	.90	.92	.90	.88	.87
3.0	.97	.93	.89	.96	.92	.88	.93	.89	.87	.90	.87	.85	.88	.85	.83	.82
4.0	.92	.87	.83	.91	.86	.83	.88	.85	.81	.86	.83	.80	.84	.81	.79	.78
5.0	.87	.82	.78	.86	.82	.78	.84	.80	.77	.82	.79	.76	.81	.78	.75	.74
6.0	.83	.78	.74	.82	.77	.74	.81	.76	.73	.79	.75	.72	.78	.74	.72	.70
7.0	.80	.74	.71	.79	.74	.70	.77	.73	.70	.76	.72	.69	.75	.71	.69	.67
8.0	.76	.71	.67	.76	.71	.67	.74	.70	.67	.73	.69	.66	.72	.69	.66	.65
9.0	.73	.68	.65	.73	.68	.65	.72	.67	.64	.71	.67	.64	.70	.66	.64	.62
10.0	.70	.66	.62	.70	.65	.62	.69	.65	.62	.68	.64	.62	.67	.64	.61	.60



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:832.047x1 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	.097	.031	.164	.093	.030	.150	.086	.027	.137	.079	.025	.125	.073	.023	
2.0	.160	.088	.027	.154	.085	.026	.142	.079	.025	.131	.074	.023	.121	.069	.022	
3.0	.150	.080	.024	.145	.078	.023	.135	.073	.022	.125	.069	.021	.117	.065	.020	
4.0	.141	.073	.022	.136	.071	.021	.128	.068	.020	.119	.064	.019	.112	.061	.019	
5.0	.133	.068	.020	.129	.066	.019	.121	.063	.019	.114	.060	.018	.107	.057	.017	
6.0	.125	.063	.018	.122	.062	.018	.115	.059	.017	.109	.057	.017	.103	.054	.016	
7.0	.119	.059	.017	.116	.058	.016	.110	.055	.016	.104	.053	.016	.099	.051	.015	
8.0	.113	.055	.015	.110	.054	.015	.105	.052	.015	.099	.050	.015	.095	.049	.014	
9.0	.107	.052	.014	.105	.051	.014	.100	.049	.014	.095	.048	.014	.091	.046	.013	
10.0	.102	.049	.014	.100	.048	.013	.096	.047	.013	.092	.045	.013	.088	.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	.163	.152	.142	.111	.104	.098	.064	.060	.057	.021	.019	.018	
2.0	.174	.152	.133	.149	.131	.115	.102	.091	.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	.150	.118	.094	.129	.102	.082	.088	.071	.058	.051	.042	.034	.016	.014	.011	
5.0	.140	.107	.082	.121	.092	.071	.083	.064	.050	.048	.038	.030	.016	.012	.010	
6.0	.132	.097	.072	.114	.084	.062	.078	.059	.044	.045	.035	.026	.015	.011	.009	
7.0	.125	.089	.064	.108	.077	.056	.074	.054	.040	.043	.032	.024	.014	.010	.008	
8.0	.119	.083	.058	.102	.072	.051	.071	.050	.036	.041	.030	.021	.013	.010	.007	
9.0	.113	.077	.053	.098	.067	.046	.068	.047	.033	.039	.028	.020	.013	.009	.006	
10.0	.108	.073	.049	.093	.063	.043	.065	.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:832.047x1 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	20.4	21.2	20.7	21.4	21.6	20.7	21.6	21.0	21.8	22.0
	3H	20.6	21.4	20.9	21.6	21.9	21.0	21.7	21.3	22.0	22.2
	4H	20.7	21.5	21.1	21.7	22.0	21.1	21.8	21.4	22.1	22.3
	6H	20.9	21.6	21.2	21.8	22.1	21.2	21.9	21.5	22.2	22.5
	8H	20.9	21.6	21.3	21.9	22.2	21.2	21.9	21.6	22.2	22.5
	12H	21.0	21.6	21.4	22.0	22.3	21.3	21.9	21.7	22.2	22.6
4H	2H	20.4	21.1	20.7	21.4	21.7	20.7	21.4	21.0	21.7	21.9
	3H	20.7	21.4	21.1	21.7	22.0	21.0	21.7	21.4	22.0	22.3
	4H	20.9	21.5	21.3	21.9	22.2	21.3	21.8	21.7	22.2	22.5
	6H	21.2	21.7	21.6	22.1	22.5	21.6	22.1	22.0	22.4	22.8
	8H	21.3	21.8	21.7	22.2	22.6	21.7	22.1	22.1	22.5	22.9
	12H	21.4	21.9	21.9	22.3	22.7	21.8	22.2	22.2	22.6	23.0
8H	4H	21.0	21.5	21.5	21.9	22.3	21.4	21.9	21.8	22.3	22.7
	6H	21.4	21.8	21.8	22.2	22.7	22.1	22.5	22.5	22.9	23.4
	8H	21.6	21.9	22.0	22.4	22.9	22.3	22.6	22.8	23.1	23.6
	12H	21.8	22.1	22.3	22.6	23.1	22.5	22.8	23.0	23.3	23.8
12H	4H	21.1	21.5	21.5	21.9	22.4	21.4	21.8	21.8	22.2	22.6
	6H	21.5	21.8	22.0	22.3	22.8	22.1	22.4	22.6	22.9	23.4
	8H	21.7	22.0	22.2	22.5	23.0	22.4	22.7	22.9	23.2	23.7
Variations with the observer position at spacings:											
S = 1.0H	+ 1.1 / - 1.6					+ 1.0 / - 1.3					
1.5H	+ 1.7 / - 1.5					+ 1.6 / - 1.2					
2.0H	+ 2.4 / - 1.3					+ 2.2 / - 1.3					

CIE Pub.117 Corrected 832.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.6)

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:832.047x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

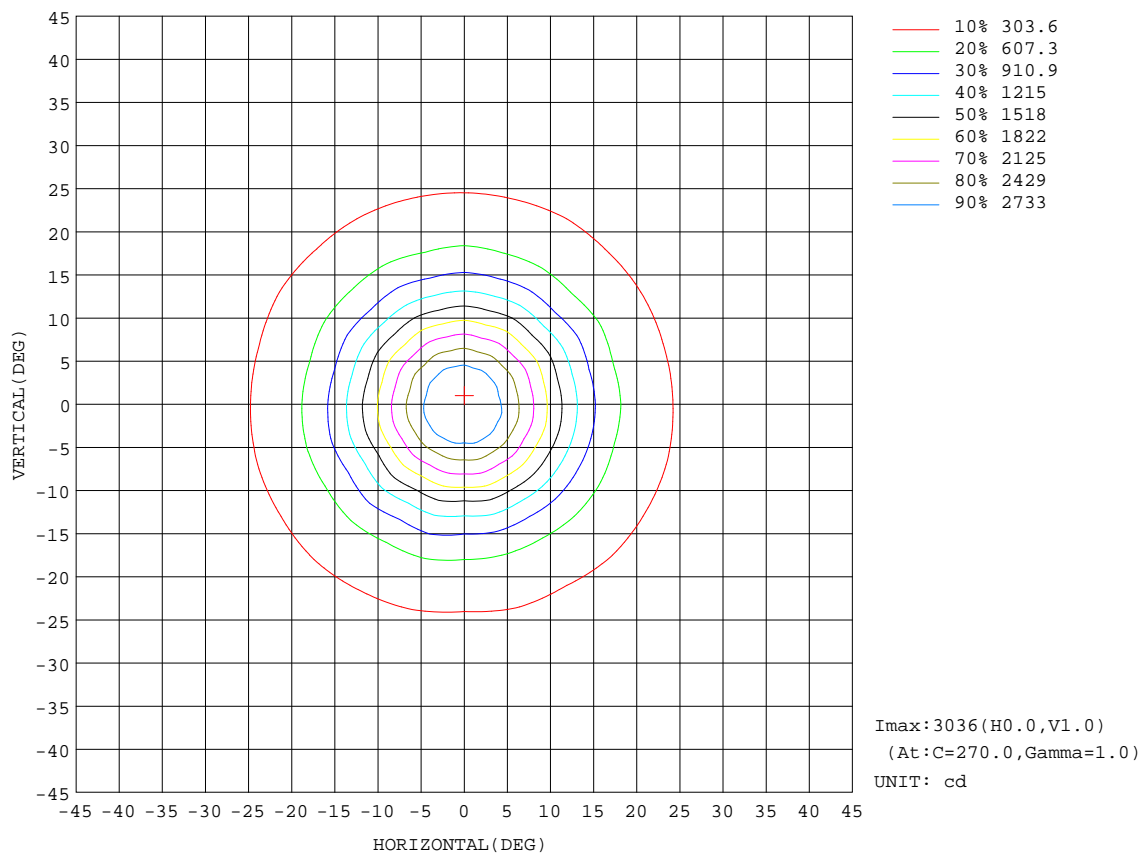
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	82	76	72	81	75	72	68
0.80	91	84	80	90	84	80	89	83	79	75
1.00	96	90	85	95	89	85	93	89	84	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	106	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:832.047x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

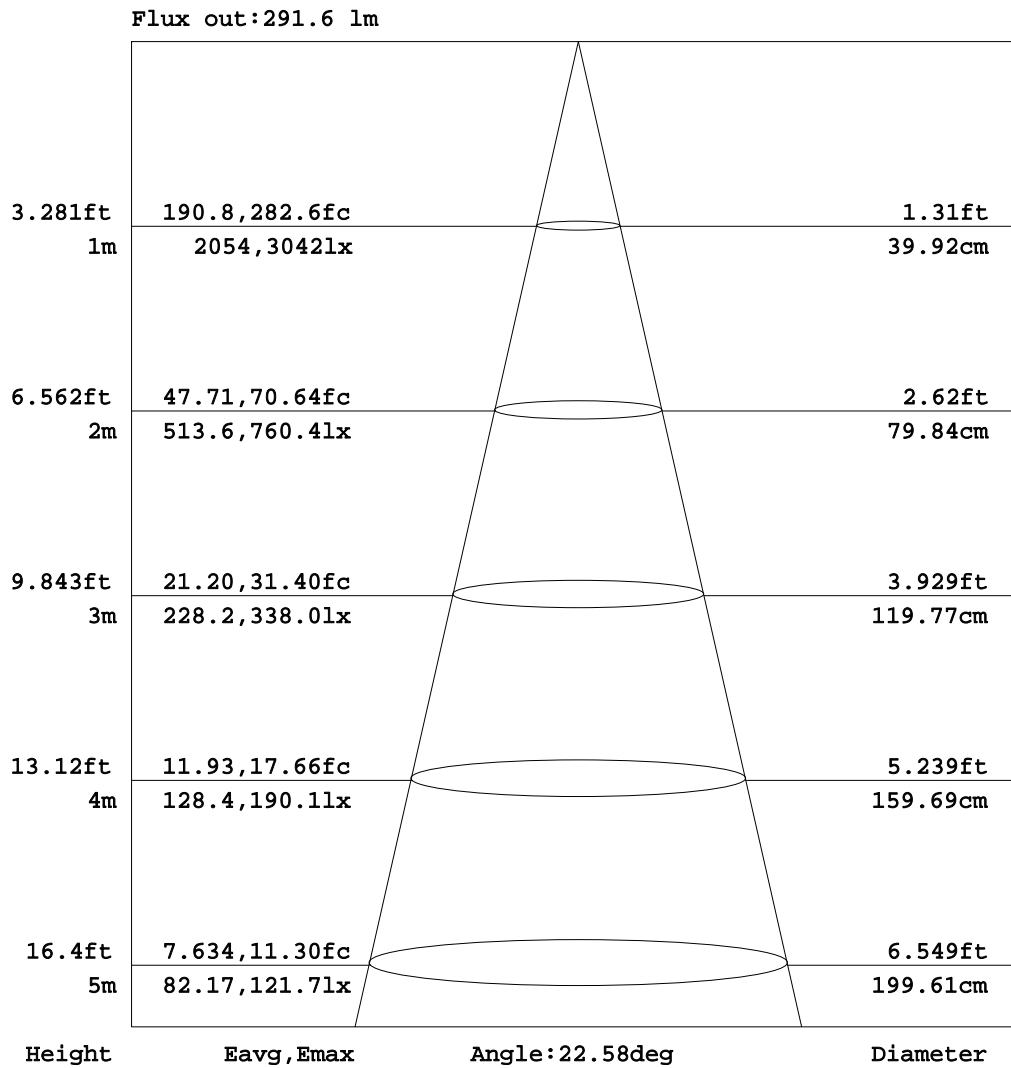


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2015-12-07

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:832.047x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



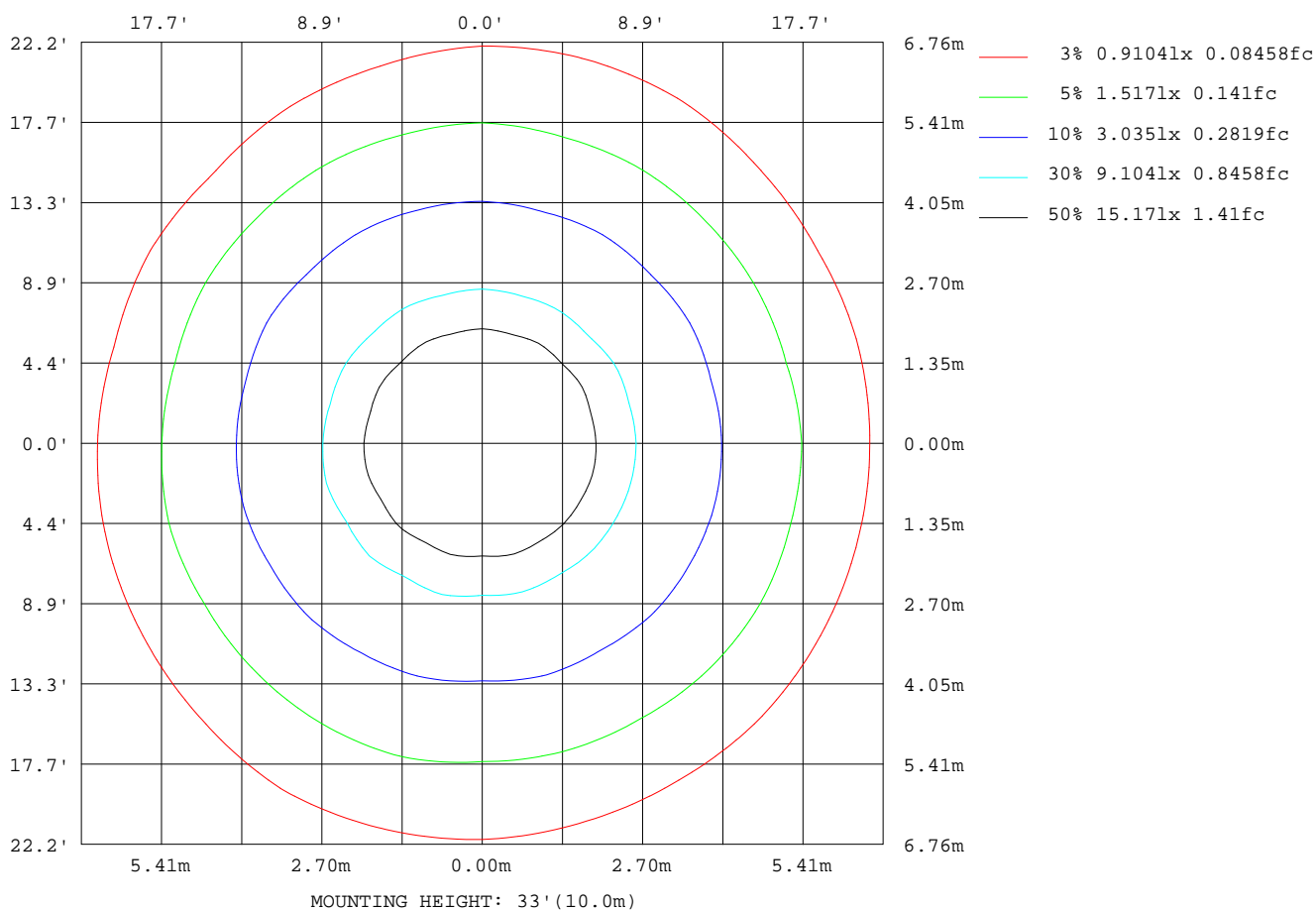
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

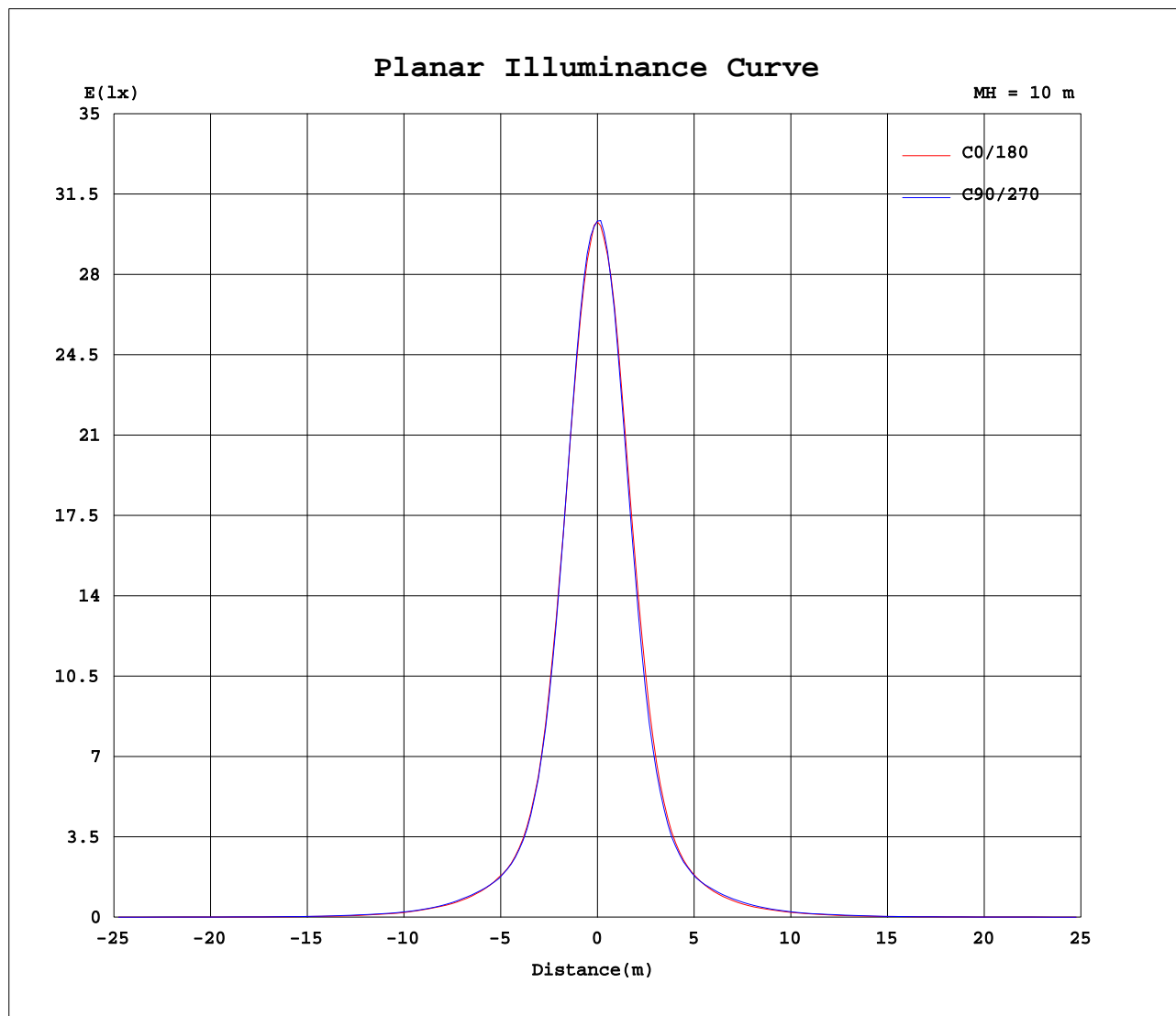
Test:U:226.4V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:832.047x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:832.047x1 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	3033	3033	3033	3033	3033	3033	3033	3033	3033	3033	3033	3033	3033	3033	3033	3033	3033	3033	3033
5	2642	2662	2656	2678	2674	2693	2667	2688	2688	2703	2699	2703	2701	2662	2698	2679	2693	2668	2678
10	1750	1767	1742	1769	1749	1784	1744	1784	1759	1818	1796	1835	1837	1794	1831	1770	1801	1753	1770
15	937	936	929	936	912	940	917	982	945	1018	978	1032	1016	980	996	954	972	928	942
20	477	475	476	483	465	472	464	493	489	510	512	524	521	501	517	499	503	480	490
25	283	286	284	285	277	285	280	291	294	299	297	299	297	293	301	293	295	294	292
30	195	196	197	198	196	197	199	203	204	200	198	198	195	188	193	188	194	195	202
35	135	135	137	138	137	142	145	148	149	142	137	136	132	126	129	128	134	140	146
40	95.1	94.5	94.6	93.6	92.9	97.1	98.3	99.7	99.3	96.8	93.8	93.2	89.9	88.5	88.5	85.7	92.5	95.7	101
45	59.6	61.1	60.6	57.6	59.2	64.6	65.4	65.0	66.8	66.2	64.5	61.3	61.2	60.1	59.2	56.6	61.0	64.3	68.1
50	36.6	38.9	37.6	37.1	37.4	42.3	44.6	48.1	47.3	45.1	42.3	40.4	39.4	38.7	39.1	37.4	40.1	44.3	47.2
55	21.1	21.7	21.4	22.0	23.5	26.0	25.7	26.0	26.5	26.6	25.4	24.6	23.4	23.2	24.2	23.3	26.3	26.5	27.4
60	13.7	14.2	14.3	13.9	14.5	15.9	14.8	15.5	15.4	15.8	15.3	16.3	15.8	15.3	15.8	15.3	16.7	16.2	15.5
65	9.63	9.87	9.96	9.78	10.3	11.0	10.6	10.9	11.0	10.6	10.5	10.8	10.4	10.4	10.9	10.4	10.6	11.3	11.1
70	7.12	7.29	7.34	7.36	7.48	7.94	7.56	7.99	7.94	7.68	7.61	7.44	7.53	7.51	7.64	7.64	7.57	8.20	7.95
75	5.33	5.47	5.45	5.49	5.49	5.68	5.50	5.86	5.73	5.67	5.64	5.48	5.54	5.43	5.62	5.62	5.46	5.88	5.84
80	3.68	3.78	3.73	4.33	8.84	3.75	3.67	3.90	3.81	5.61	4.80	3.82	3.85	3.70	3.84	3.82	3.87	3.89	3.92
85	2.40	2.42	2.39	2.62	3.24	2.33	2.30	2.37	2.33	2.91	3.10	2.44	2.52	2.46	2.50	2.87	4.28	2.48	2.52
90	1.62	1.59	1.61	1.75	1.88	1.47	1.48	1.46	1.48	1.55	1.85	1.60	1.88	1.87	1.87	1.98	1.95	1.77	1.78
95	1.46	1.45	1.46	1.63	1.77	1.32	1.35	1.32	1.35	1.49	1.71	1.46	1.94	1.89	1.92	2.09	2.14	1.82	1.84
100	1.44	1.42	1.44	1.58	1.86	1.31	1.31	1.32	1.32	1.56	1.78	1.45	2.01	1.97	2.00	2.20	2.45	1.90	1.92
105	1.51	1.52	1.52	1.73	2.04	1.43	1.41	1.43	1.41	1.86	1.93	1.54	2.10	2.06	2.09	2.30	2.46	2.01	2.01
110	1.73	1.73	1.74	1.94	2.19	1.65	1.63	1.64	1.64	1.98	2.17	1.77	2.21	2.18	2.20	2.41	2.58	2.12	2.13
115	2.00	2.00	2.01	2.28	2.48	1.92	1.91	1.91	1.91	2.20	2.38	2.03	2.37	2.34	2.37	2.59	2.66	2.29	2.30
120	2.34	2.34	2.36	2.69	2.75	2.26	2.25	2.25	2.26	2.51	2.70	2.37	2.63	2.60	2.63	2.88	2.84	2.56	2.57
125	2.84	2.83	2.86	3.11	3.05	2.75	2.75	2.74	2.76	2.91	3.16	2.86	3.07	3.04	3.07	3.23	3.18	3.02	3.02
130	3.54	3.51	3.55	3.70	3.64	3.44	3.44	3.42	3.44	3.52	3.76	3.55	3.68	3.67	3.68	3.79	3.72	3.66	3.66
135	4.32	4.29	4.34	4.43	4.40	4.23	4.24	4.21	4.24	4.28	4.51	4.33	4.40	4.39	4.40	4.51	4.43	4.40	4.39
140	5.03	5.02	5.05	5.15	5.07	4.96	4.96	4.95	4.96	4.99	5.17	5.03	5.10	5.08	5.10	5.20	5.16	5.10	5.09
145	5.58	5.57	5.60	5.72	5.67	5.53	5.52	5.51	5.52	5.57	5.73	5.59	5.65	5.62	5.65	5.77	5.74	5.63	5.63
150	5.95	5.93	5.96	6.02	5.97	5.90	5.89	5.88	5.90	5.95	6.08	5.97	6.02	5.98	6.01	6.11	6.07	6.00	5.99
155	6.19	6.17	6.20	6.20	6.15	6.16	6.16	6.16	6.17	6.22	6.36	6.23	6.25	6.22	6.25	6.35	6.34	6.24	6.24
160	6.35	6.32	6.33	6.33	6.33	6.35	6.35	6.34	6.36	6.37	6.38	6.34	6.40	6.37	6.39	6.39	6.40	6.40	6.41
165	6.41	6.39	6.40	6.42	6.42	6.44	6.45	6.44	6.45	6.44	6.44	6.41	6.47	6.45	6.47	6.48	6.48	6.49	6.49
170	6.34	6.32	6.35	6.34	6.37	6.38	6.38	6.37	6.40	6.37	6.39	6.35	6.40	6.40	6.41	6.43	6.42	6.43	6.42
175	6.20	6.18	6.21	6.20	6.23	6.23	6.24	6.22	6.25	6.23	6.24	6.20	6.25	6.26	6.26	6.28	6.26	6.29	6.28
180	6.26	6.24	6.25	6.26	6.27	6.27	6.27	6.27	6.28	6.27	6.27	6.25	6.25	6.24	6.25	6.27	6.27	6.28	6.27

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:0.0440A P:8.520W PF:0.8400 Lamp Flux:832.047x1 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	3033	3033	3033	3033	3033														
5	2643	2672	2635	2653	2619														
10	1733	1782	1739	1781	1732														
15	920	935	900	946	908														
20	470	481	463	486	461														
25	290	292	278	278	280														
30	196	198	193	193	190														
35	148	145	139	136	136														
40	101	103	100	96.6	91.5														
45	68.9	69.5	63.9	62.5	59.3														
50	48.2	46.8	43.6	40.3	37.6														
55	26.8	25.4	23.7	23.9	21.7														
60	15.3	15.1	14.8	14.2	14.2														
65	11.1	11.0	10.1	9.88	9.94														
70	8.10	8.06	7.39	7.33	7.05														
75	5.83	5.78	5.71	5.57	5.28														
80	3.91	3.89	6.55	5.32	3.69														
85	2.49	2.50	3.50	3.68	2.52														
90	1.79	1.80	1.99	2.23	1.93														
95	1.82	1.85	2.05	2.32	1.93														
100	1.90	1.93	2.29	2.45	2.01														
105	2.00	2.02	2.41	2.58	2.11														
110	2.12	2.14	2.45	2.68	2.23														
115	2.30	2.32	2.57	2.81	2.42														
120	2.57	2.59	2.79	3.14	2.70														
125	3.03	3.04	3.23	3.44	3.16														
130	3.68	3.68	3.75	3.94	3.81														
135	4.41	4.43	4.46	4.64	4.55														
140	5.10	5.11	5.15	5.29	5.19														
145	5.64	5.64	5.71	5.83	5.70														
150	5.99	6.01	6.07	6.16	6.04														
155	6.23	6.25	6.32	6.44	6.26														
160	6.40	6.42	6.40	6.42	6.37														
165	6.49	6.50	6.48	6.47	6.45														
170	6.44	6.43	6.43	6.41	6.39														
175	6.28	6.29	6.28	6.28	6.25														
180	6.27	6.28	6.27	6.27	6.25														

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: