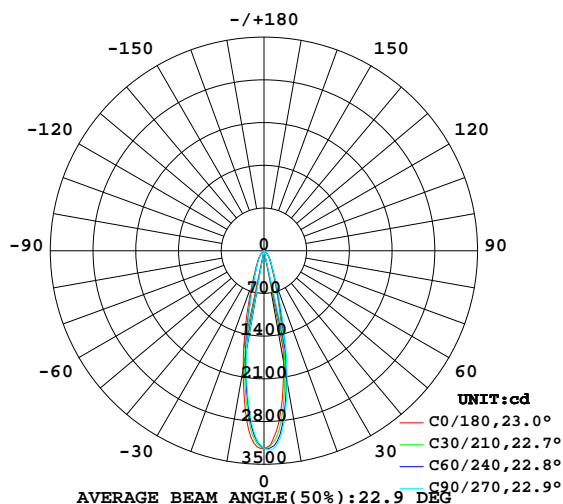


LUMINAIRE PHOTOMETRIC TEST REPORT

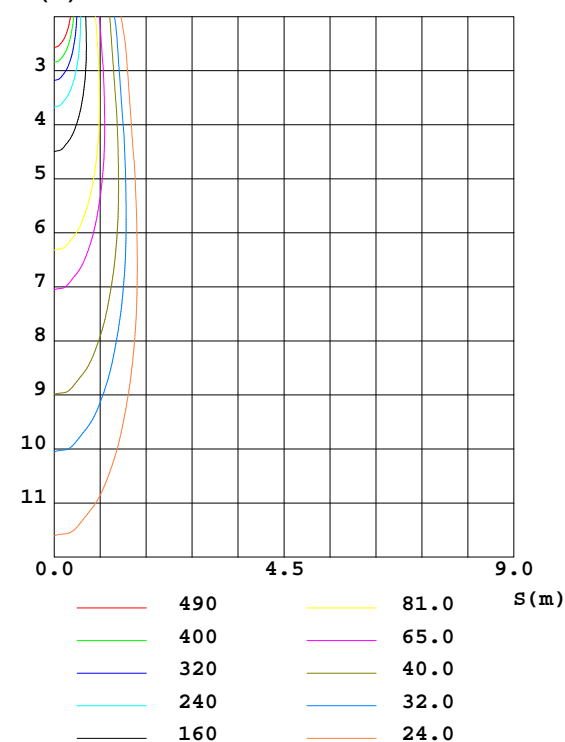
Test:U:226.5V I:0.0440A P:8.470W PF:0.8400 Lamp Flux:902.993x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 106.61 lm/W			
MODEL	M022-9W-840-S-24	Imax(cd)	3280	S/MH(C0/180)	0.38
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.43
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	902.99	η UP,DN(C0-180)	1.2,52.4
NOMINAL FLUX(lm)	902.993	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,45.1
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.4	η down(%)	97.4	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	1851	2068	2194	2179	1973	1723	1675	1689	0- 10	242.5	242.5	26.9,26.9
20	508.2	562.8	595.0	640.4	562.5	467.0	452.5	467.1	10- 20	290.7	533.1	59,59
30	209.6	226.9	231.8	228.1	213.5	201.5	201.1	199.9	20- 30	150.6	683.8	75.7,75.7
40	98.80	117.4	117.2	104.4	98.20	96.92	98.74	98.29	30- 40	94.84	778.6	86.2,86.2
50	40.31	51.80	54.39	45.21	42.50	42.95	44.60	38.50	40- 50	54.21	832.8	92.2,92.2
60	15.74	17.11	17.88	19.27	17.64	16.19	15.43	15.41	50- 60	25.08	857.9	95,95
70	8.318	9.160	8.915	8.657	8.874	8.206	8.066	7.521	60- 70	11.81	869.7	96.3,96.3
80	4.116	4.790	4.594	4.459	4.444	4.168	3.833	3.690	70- 80	6.808	876.5	97.1,97.1
90	1.764	1.985	1.840	1.773	2.069	2.142	1.978	1.977	80- 90	3.377	879.9	97.4,97.4
100	1.554	1.633	1.465	1.445	2.212	2.275	2.148	2.114	90-100	2.120	882.0	97.7,97.7
110	1.916	1.984	1.753	1.737	2.436	2.516	2.393	2.357	100-110	2.195	884.2	97.9,97.9
120	2.589	2.657	2.397	2.374	2.897	3.022	2.933	2.907	110-120	2.486	886.7	98.2,98.2
130	3.892	3.863	3.592	3.582	4.039	4.255	4.198	4.169	120-130	2.989	889.7	98.5,98.5
140	5.522	5.545	5.262	5.250	5.595	5.785	5.716	5.703	130-140	3.696	893.4	98.9,98.9
150	6.503	6.551	6.362	6.363	6.581	6.669	6.606	6.598	140-150	3.837	897.2	99.4,99.4
160	6.938	6.903	6.896	6.885	6.990	7.015	7.011	6.981	150-160	3.138	900.3	99.7,99.7
170	6.973	7.013	6.999	6.953	7.034	7.036	6.964	6.920	160-170	1.989	902.3	99.9,99.9
180	6.903	6.891	6.848	6.785	6.901	6.896	6.845	6.792	170-180	0.6577	903.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

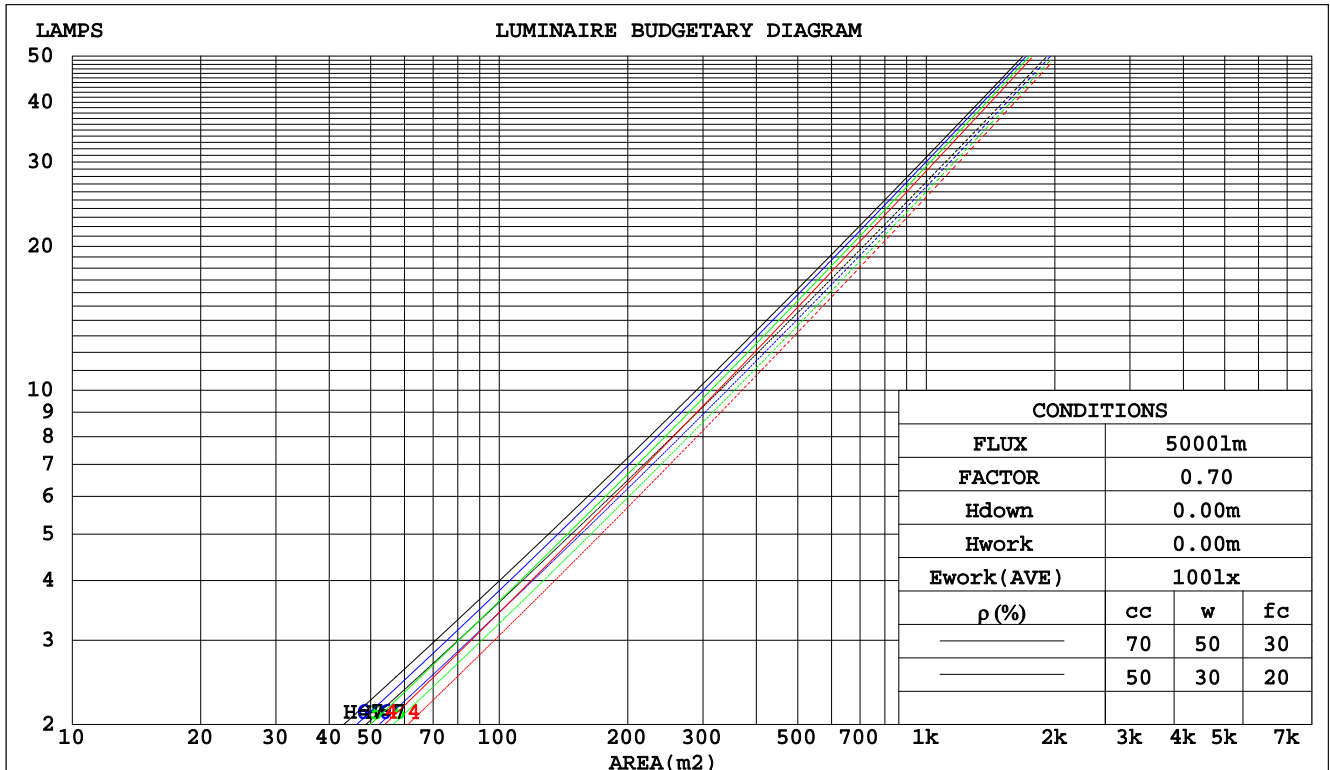
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
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:226.5V I:0.0440A P:8.470W PF:0.8400 Lamp Flux:902.993x1 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	1.03	.00	.96	1.02	.98	.95	.98	.95	.93	.95	.92	.90	.91	.90	.88	.86
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	.84	.81	.86	.83	.80	.84	.81	.79	.77
5.0	.87	.82	.78	.86	.81	.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	.77	.74	.72	.70
7.0	.79	.74	.70	.79	.74	.70	.77	.73	.70	.76	.72	.69	.75	.71	.69	.67
8.0	.76	.71	.67	.75	.71	.67	.74	.70	.67	.73	.69	.66	.72	.68	.66	.65
9.0	.73	.68	.65	.73	.68	.64	.71	.67	.64	.70	.67	.64	.70	.66	.63	.62
10.0	.70	.65	.62	.70	.65	.62	.69	.65	.62	.68	.64	.61	.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:226.5V I:0.0440A P:8.470W PF:0.8400 Lamp Flux:902.993x1 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	.172	.098	.031	.164	.094	.030	.150	.086	.028	.137	.079	.025	.126	.073	.023	
2.0	.161	.088	.027	.155	.085	.026	.143	.079	.025	.132	.074	.023	.122	.069	.022	
3.0	.151	.080	.024	.145	.078	.023	.135	.073	.022	.126	.069	.021	.117	.065	.020	
4.0	.141	.074	.022	.137	.072	.021	.128	.068	.020	.120	.064	.019	.112	.061	.019	
5.0	.133	.068	.020	.129	.066	.019	.121	.063	.019	.114	.060	.018	.108	.057	.017	
6.0	.126	.063	.018	.122	.062	.018	.115	.059	.017	.109	.057	.017	.103	.054	.016	
7.0	.119	.059	.017	.116	.058	.016	.110	.056	.016	.104	.053	.016	.099	.051	.015	
8.0	.113	.055	.016	.110	.054	.015	.105	.052	.015	.100	.051	.015	.095	.049	.014	
9.0	.107	.052	.015	.105	.051	.014	.100	.050	.014	.096	.048	.014	.091	.046	.013	
10.0	.103	.049	.014	.100	.048	.014	.096	.047	.013	.092	.046	.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	.105	.098	.064	.060	.057	.021	.019	.018	
2.0	.175	.152	.134	.150	.131	.116	.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	.119	.094	.129	.102	.082	.089	.071	.058	.051	.042	.034	.017	.014	.011	
5.0	.141	.107	.082	.121	.092	.071	.083	.065	.050	.048	.038	.030	.016	.012	.010	
6.0	.133	.097	.072	.114	.084	.063	.079	.059	.044	.046	.035	.026	.015	.011	.009	
7.0	.125	.089	.064	.108	.078	.056	.075	.054	.040	.043	.032	.024	.014	.010	.008	
8.0	.119	.083	.058	.103	.072	.051	.071	.051	.036	.041	.030	.021	.013	.010	.007	
9.0	.114	.078	.053	.098	.067	.046	.068	.047	.033	.040	.028	.020	.013	.009	.007	
10.0	.109	.073	.049	.094	.063	.043	.065	.045	.031	.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:226.5V I:0.0440A P:8.470W PF:0.8400 Lamp Flux:902.993x1 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	21.1	21.9	21.3	22.1	22.3	22.0	22.8	22.3	23.0	23.2
	3H	21.3	22.1	21.6	22.3	22.5	22.2	22.9	22.5	23.2	23.4
	4H	21.4	22.2	21.7	22.4	22.7	22.3	23.0	22.6	23.3	23.5
	6H	21.6	22.2	21.9	22.5	22.8	22.5	23.1	22.8	23.4	23.7
	8H	21.6	22.3	22.0	22.6	22.9	22.5	23.2	22.9	23.5	23.8
	12H	21.7	22.3	22.0	22.6	22.9	22.6	23.3	23.0	23.6	23.9
4H	2H	21.1	21.8	21.4	22.1	22.4	22.0	22.7	22.3	23.0	23.2
	3H	21.5	22.1	21.8	22.4	22.7	22.2	22.9	22.6	23.2	23.5
	4H	21.7	22.3	22.1	22.6	23.0	22.4	23.0	22.8	23.4	23.7
	6H	21.9	22.4	22.3	22.8	23.2	22.8	23.3	23.2	23.7	24.1
	8H	22.0	22.5	22.5	22.9	23.3	23.0	23.5	23.5	23.9	24.3
	12H	22.2	22.6	22.6	23.0	23.5	23.2	23.6	23.6	24.0	24.5
8H	4H	21.7	22.2	22.2	22.6	23.0	22.4	22.9	22.9	23.3	23.7
	6H	22.1	22.5	22.6	22.9	23.4	23.0	23.3	23.4	23.8	24.3
	8H	22.3	22.6	22.8	23.1	23.6	23.3	23.6	23.8	24.1	24.6
	12H	22.5	22.8	23.0	23.3	23.8	23.6	23.9	24.1	24.4	24.9
12H	4H	21.7	22.2	22.2	22.6	23.0	22.4	22.9	22.9	23.3	23.7
	6H	22.1	22.5	22.6	22.9	23.4	23.0	23.3	23.5	23.8	24.3
	8H	22.4	22.7	22.9	23.1	23.7	23.3	23.6	23.8	24.1	24.6
Variations with the observer position at spacings:											
S = 1.0H	+ 1.1 / - 1.7					+ 1.1 / - 1.6					
1.5H	+ 1.4 / - 1.5					+ 1.5 / - 1.5					
2.0H	+ 2.0 / - 1.4					+ 2.3 / - 1.7					

CIE Pub.117 Corrected 903.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.4)

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:226.5V I:0.0440A P:8.470W PF:0.8400 Lamp Flux:902.993x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

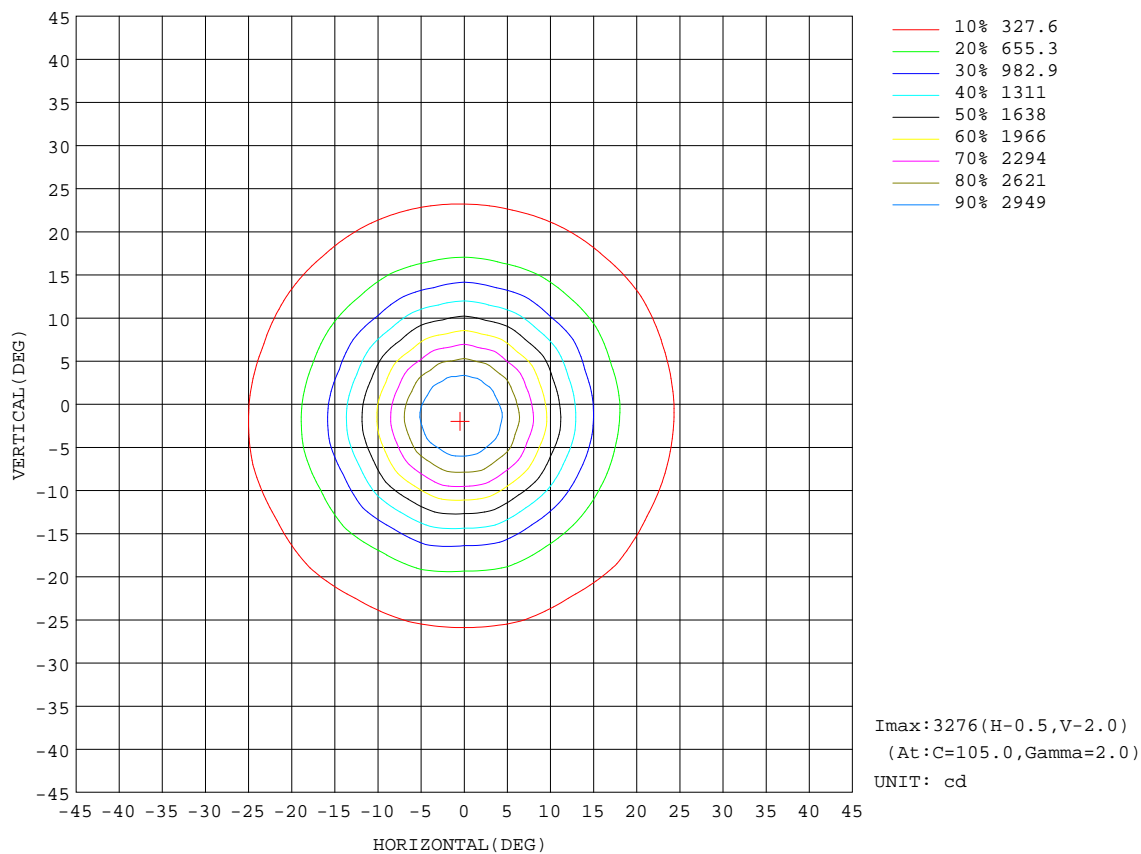
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	82	76	72	81	75	71	67
0.80	91	84	80	90	84	80	88	83	79	75
1.00	96	89	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	100	106	102	99	103	100	97	90
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	103	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:226.5V I:0.0440A P:8.470W PF:0.8400 Lamp Flux:902.993x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



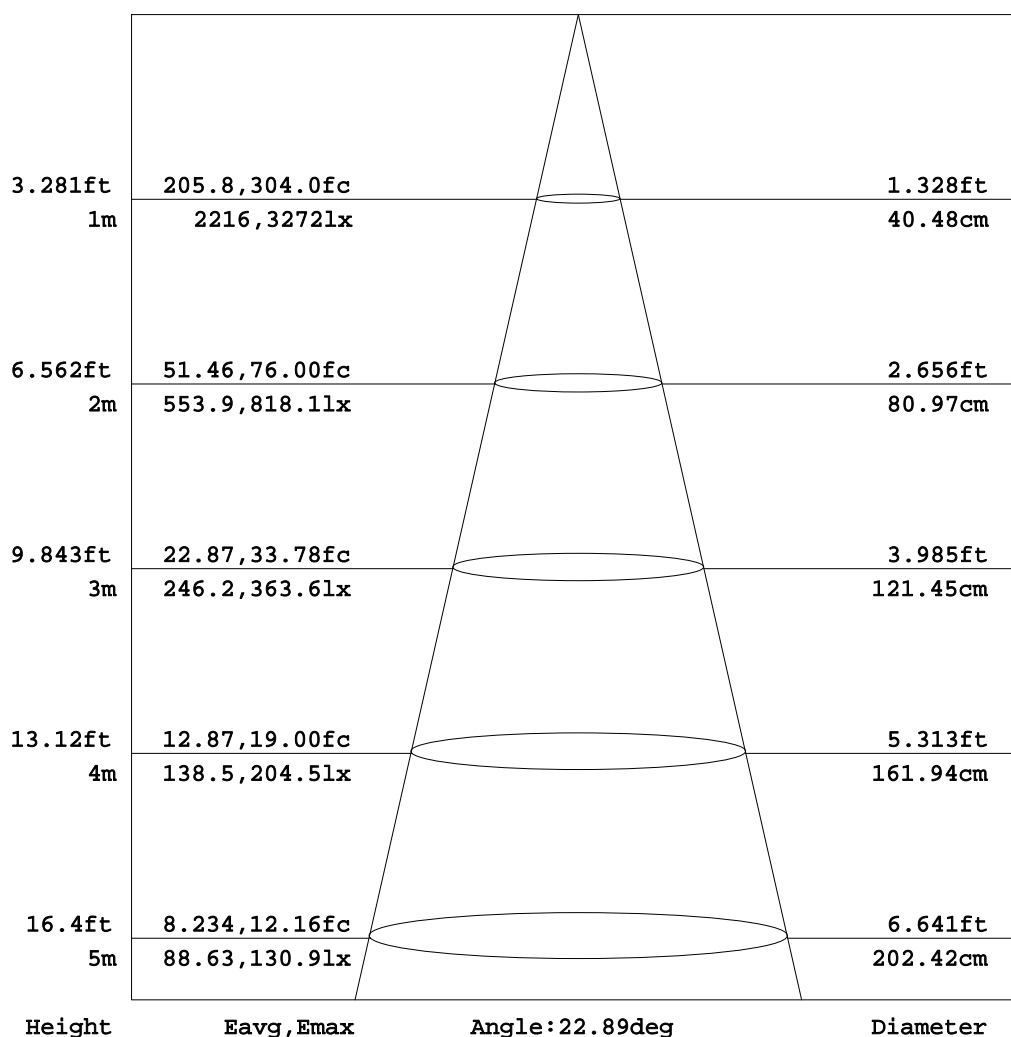
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:226.5V I:0.0440A P:8.470W PF:0.8400 Lamp Flux:902.993x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:314.5 lm



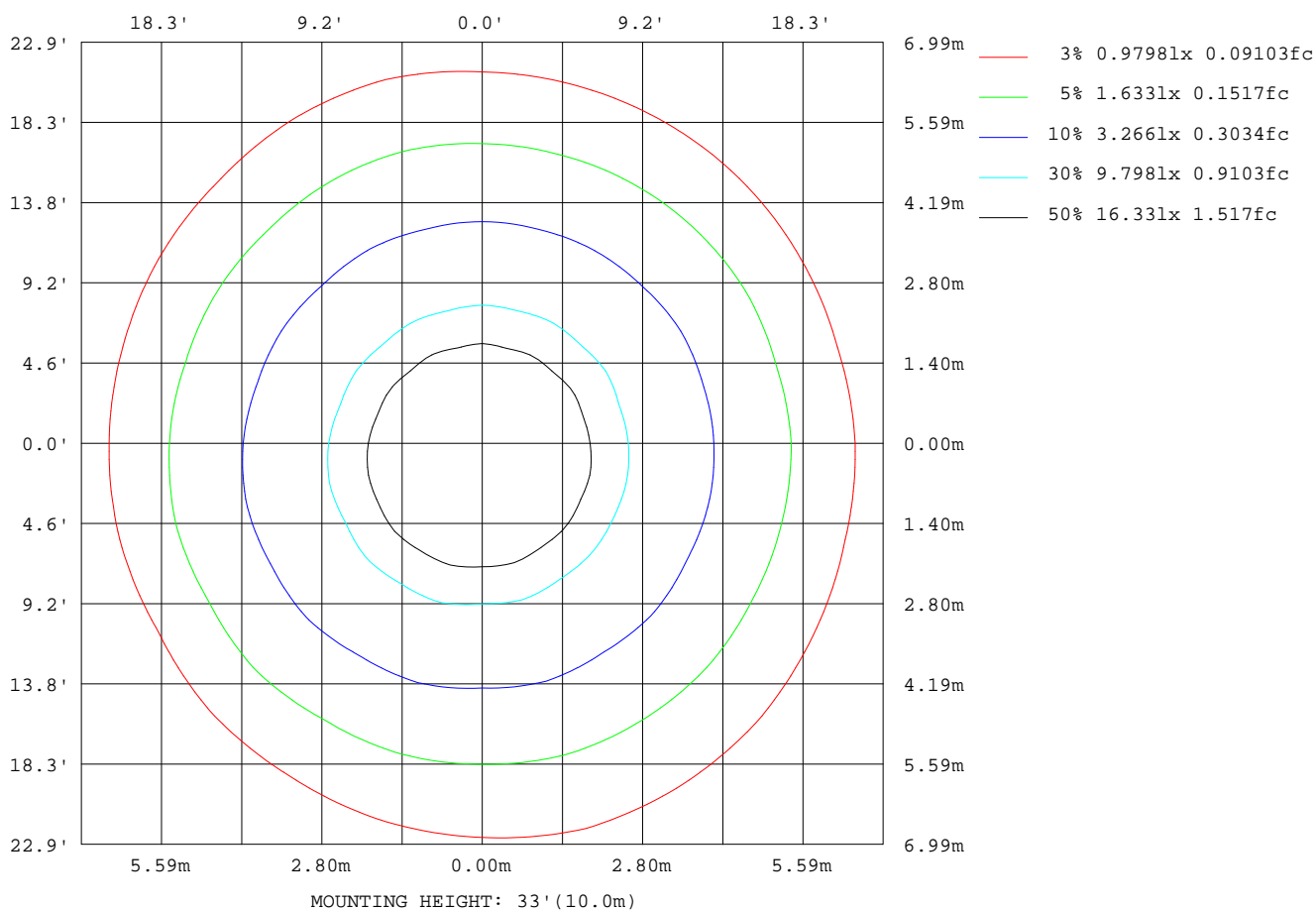
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

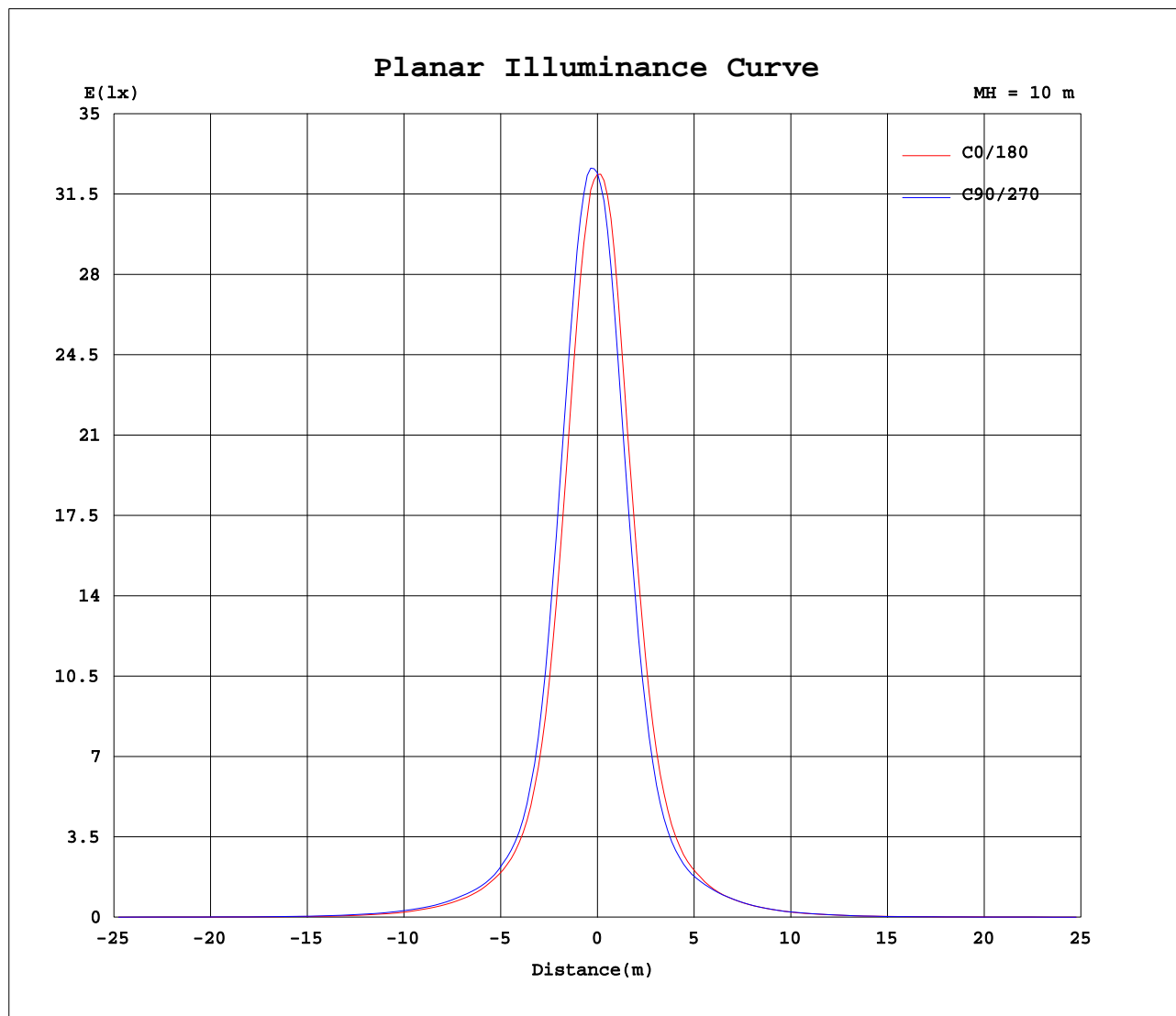
Test:U:226.5V I:0.0440A P:8.470W PF:0.8400 Lamp Flux:902.993x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:226.5V I:0.0440A P:8.470W PF:0.8400 Lamp Flux:902.993x1 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	3238	3238	3238	3238	3238	3238	3238	3238	3238	3238	3238	3238	3238	3238	3238	3238	3238	3238	3238
5	2820	2904	2925	3004	3025	3070	3074	3104	3066	3077	3029	3011	2933	2859	2813	2727	2719	2662	2673
10	1851	1940	1965	2068	2104	2196	2194	2241	2182	2179	2092	2050	1973	1859	1825	1723	1723	1656	1675
15	975	1017	1039	1106	1125	1215	1194	1259	1220	1238	1149	1153	1085	988	961	886	889	851	869
20	508	525	532	563	571	613	595	635	621	640	597	600	562	516	495	467	469	451	452
25	310	314	318	337	336	352	351	358	348	355	338	341	326	306	299	291	290	286	279
30	210	213	219	227	231	236	232	233	225	228	220	221	213	208	205	202	204	205	201
35	145	147	155	166	171	176	170	165	157	153	144	147	144	143	144	144	148	148	145
40	98.8	102	110	117	120	123	117	115	108	104	103	103	98.2	95.5	96.5	96.9	99.3	98.3	98.7
45	63.1	65.9	71.4	77.8	79.9	82.5	82.4	79.8	73.9	70.7	69.4	70.5	64.6	61.0	64.0	64.1	63.6	64.2	65.0
50	40.3	41.6	46.5	51.8	53.6	56.4	54.4	53.6	47.8	45.2	43.7	44.7	42.5	39.6	42.0	42.9	44.9	44.4	44.6
55	23.3	25.2	28.8	30.2	31.3	34.0	32.5	32.6	30.8	28.4	26.5	29.0	25.9	25.6	27.3	25.5	24.6	23.0	23.9
60	15.7	15.8	17.0	17.1	16.6	17.3	17.9	18.7	18.5	19.3	17.7	17.9	17.6	17.1	17.6	16.2	15.6	15.6	15.4
65	11.5	11.5	12.1	12.3	12.0	12.4	12.2	12.3	12.0	12.4	11.7	12.2	12.3	11.8	12.4	11.5	11.1	11.3	11.0
70	8.32	8.62	9.07	9.16	8.83	9.05	8.92	8.85	8.69	8.66	8.42	8.86	8.87	8.70	8.94	8.21	8.00	8.19	8.07
75	6.10	6.45	6.48	6.84	6.66	6.80	6.66	6.62	6.43	6.42	6.27	6.56	6.45	6.22	6.38	5.94	5.89	6.99	5.76
80	4.12	4.43	4.52	4.79	5.30	7.55	4.59	4.68	4.45	4.46	6.18	5.06	4.44	4.25	4.36	4.17	4.41	6.37	3.83
85	2.64	2.86	2.92	3.11	3.19	4.07	2.96	3.00	2.87	2.85	3.92	3.52	2.87	2.81	2.85	2.77	2.78	2.94	2.48
90	1.76	1.86	1.89	1.98	2.02	1.96	1.84	1.85	1.80	1.77	2.07	2.11	2.07	2.09	2.12	2.14	2.17	2.08	1.98
95	1.59	1.61	1.65	1.67	1.79	1.67	1.53	1.50	1.52	1.48	2.00	1.82	2.13	2.12	2.16	2.19	2.34	2.29	2.05
100	1.55	1.59	1.60	1.63	1.78	1.77	1.46	1.47	1.45	1.44	2.00	1.78	2.21	2.20	2.24	2.28	2.47	2.45	2.15
105	1.68	1.70	1.70	1.74	1.97	1.94	1.53	1.54	1.52	1.53	2.11	1.87	2.31	2.30	2.33	2.37	2.62	2.56	2.25
110	1.92	1.93	1.93	1.98	2.28	2.17	1.75	1.76	1.73	1.74	2.35	2.11	2.44	2.43	2.46	2.52	2.77	2.69	2.39
115	2.22	2.22	2.22	2.29	2.63	2.42	2.04	2.03	2.03	2.03	2.65	2.40	2.61	2.61	2.64	2.71	2.93	2.90	2.60
120	2.59	2.57	2.57	2.66	3.00	2.71	2.40	2.38	2.37	2.37	2.90	2.77	2.90	2.90	2.94	3.02	3.25	3.19	2.93
125	3.15	3.10	3.10	3.16	3.48	3.16	2.88	2.86	2.87	2.87	3.27	3.26	3.36	3.40	3.42	3.53	3.74	3.61	3.47
130	3.89	3.83	3.82	3.86	4.06	3.72	3.59	3.56	3.57	3.58	3.79	3.92	4.04	4.08	4.12	4.25	4.39	4.32	4.20
135	4.75	4.68	4.67	4.73	4.83	4.54	4.44	4.40	4.41	4.43	4.58	4.72	4.83	4.88	4.92	5.07	5.19	5.07	5.00
140	5.52	5.49	5.47	5.54	5.61	5.32	5.26	5.24	5.24	5.25	5.36	5.52	5.60	5.64	5.66	5.79	5.87	5.78	5.72
145	6.12	6.09	6.08	6.14	6.21	6.00	5.91	5.90	5.89	5.91	6.04	6.18	6.19	6.21	6.23	6.32	6.42	6.35	6.24
150	6.50	6.48	6.48	6.55	6.60	6.46	6.36	6.36	6.34	6.36	6.47	6.61	6.58	6.60	6.60	6.67	6.77	6.68	6.61
155	6.76	6.77	6.74	6.74	6.71	6.78	6.66	6.68	6.67	6.68	6.79	6.90	6.85	6.84	6.84	6.90	7.04	6.97	6.84
160	6.94	6.93	6.89	6.90	6.88	6.94	6.90	6.90	6.88	6.89	6.90	6.93	6.99	7.00	6.98	7.02	7.03	7.04	7.01
165	7.03	7.04	7.02	7.04	7.03	7.04	7.02	7.03	7.00	7.00	7.00	7.02	7.08	7.10	7.08	7.10	7.09	7.10	7.07
170	6.97	6.99	6.99	7.01	7.01	7.02	7.00	6.99	6.97	6.95	6.95	6.96	7.03	7.05	7.02	7.04	7.01	7.02	6.96
175	6.85	6.87	6.86	6.87	6.88	6.88	6.86	6.84	6.83	6.79	6.78	6.77	6.90	6.91	6.87	6.88	6.85	6.86	6.80
180	6.90	6.91	6.89	6.89	6.88	6.89	6.85	6.84	6.81	6.78	6.76	6.77	6.90	6.91	6.88	6.90	6.87	6.89	6.85

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:226.5V I:0.0440A P:8.470W PF:0.8400 Lamp Flux:902.993x1 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	3238	3238	3238	3238	3238														
5	2646	2685	2678	2743	2765														
10	1642	1697	1689	1774	1778														
15	847	888	878	935	920														
20	447	463	467	487	485														
25	279	283	286	297	299														
30	200	200	200	201	201														
35	143	141	140	141	140														
40	99.2	97.7	98.3	101	99.8														
45	63.2	63.3	61.5	63.1	62.6														
50	41.8	39.8	38.5	38.0	39.0														
55	23.8	24.1	23.1	21.8	22.5														
60	15.3	15.3	15.4	14.6	15.3														
65	10.9	10.9	10.4	10.1	10.9														
70	8.05	7.88	7.52	7.47	7.99														
75	5.76	5.64	5.46	6.50	6.31														
80	3.79	3.76	3.69	5.45	4.98														
85	2.48	2.48	2.48	2.90	3.10														
90	1.98	1.97	1.98	2.38	2.37														
95	2.04	2.04	2.03	2.55	2.43														
100	2.13	2.13	2.11	2.67	2.48														
105	2.24	2.23	2.21	2.72	2.52														
110	2.38	2.37	2.36	2.82	2.64														
115	2.59	2.58	2.56	2.99	2.94														
120	2.94	2.92	2.91	3.31	3.22														
125	3.49	3.46	3.45	3.68	3.66														
130	4.22	4.18	4.17	4.31	4.27														
135	5.03	4.98	4.98	5.10	5.07														
140	5.74	5.70	5.70	5.84	5.82														
145	6.25	6.23	6.24	6.38	6.37														
150	6.61	6.58	6.60	6.72	6.72														
155	6.84	6.82	6.83	7.03	6.96														
160	7.01	6.99	6.98	6.99	7.00														
165	7.04	7.04	7.03	7.03	7.06														
170	6.97	6.93	6.92	6.90	6.95														
175	6.79	6.76	6.75	6.73	6.77														
180	6.84	6.81	6.79	6.76	6.77														

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: