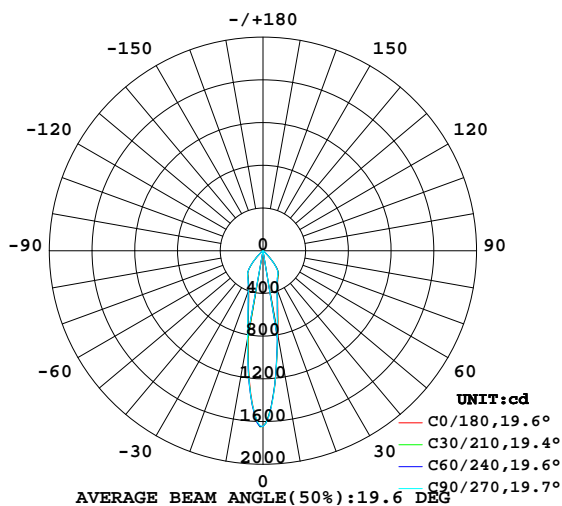


LUMINAIRE PHOTOMETRIC TEST REPORT

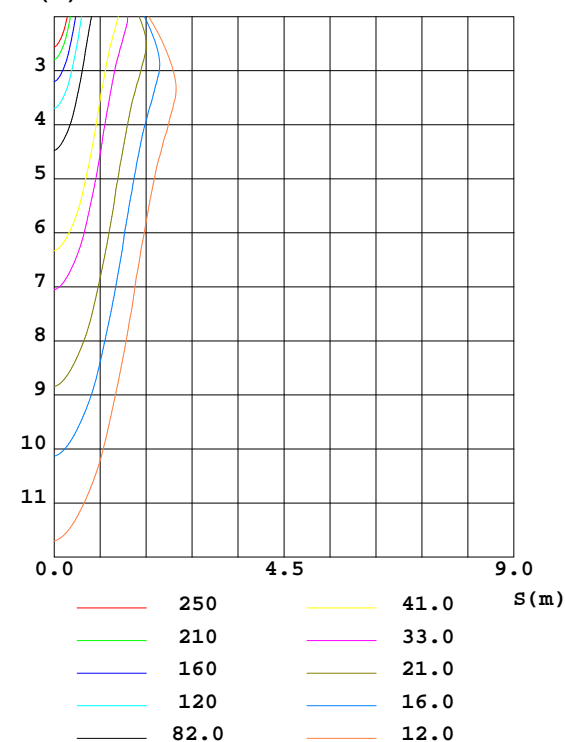
Test:U:226.5V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:665.518x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 78.11 lm/W			
MODEL	M021-9W-930-S-16	Imax(cd)	1650	S/MH(C0/180)	0.33
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.32
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	665.52	η UP,DN(C0-180)	1.1,48.3
NOMINAL FLUX(lm)	665.518	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,49.4
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.5	η down(%)	97.6	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	804.7	793.2	781.6	812.8	809.1	811.9	844.1	815.5	0- 10	107.5	107.5	16.2,16.2
20	398.7	391.7	384.9	393.1	391.5	395.1	405.6	402.1	10- 20	151.1	258.6	38.9,38.9
30	283.3	277.6	273.3	277.8	278.7	282.1	286.9	288.3	20- 30	150.3	408.9	61.4,61.4
40	180.1	179.2	168.8	171.8	168.6	170.6	171.9	175.6	30- 40	149.6	558.5	83.9,83.9
50	21.03	21.62	21.53	21.68	22.68	23.36	23.82	22.64	40- 50	62.06	620.5	93.2,93.2
60	9.336	9.200	9.407	9.422	9.798	10.10	10.30	9.919	50- 60	12.48	633.0	95.1,95.1
70	6.077	6.134	6.296	6.273	6.381	6.518	6.526	6.263	60- 70	7.692	640.7	96.3,96.3
80	4.337	4.495	4.623	4.531	4.455	4.336	4.457	4.304	70- 80	5.602	646.3	97.1,97.1
90	1.028	1.021	1.035	1.029	1.206	1.215	1.202	1.209	80- 90	3.550	649.9	97.6,97.6
100	1.112	1.131	1.125	1.142	1.442	1.424	1.434	1.418	90-100	1.291	651.1	97.8,97.8
110	1.486	1.509	1.510	1.528	1.780	1.758	1.765	1.747	100-110	1.531	652.7	98.1,98.1
120	1.961	1.983	1.993	2.010	2.227	2.195	2.202	2.190	110-120	1.839	654.5	98.3,98.3
130	2.691	2.712	2.725	2.734	2.904	2.881	2.877	2.870	120-130	2.164	656.7	98.7,98.7
140	3.611	3.621	3.636	3.651	3.749	3.720	3.715	3.710	130-140	2.508	659.2	99.99
150	4.143	4.162	4.159	4.172	4.247	4.220	4.221	4.225	140-150	2.482	661.7	99.4,99.4
160	4.564	4.573	4.575	4.600	4.642	4.622	4.632	4.625	150-160	2.028	663.7	99.7,99.7
170	4.892	4.893	4.890	4.925	4.937	4.923	4.937	4.937	160-170	1.350	665.1	99.9,99.9
180	4.977	4.984	4.982	5.007	4.974	4.984	4.984	5.007	170-180	0.4722	665.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

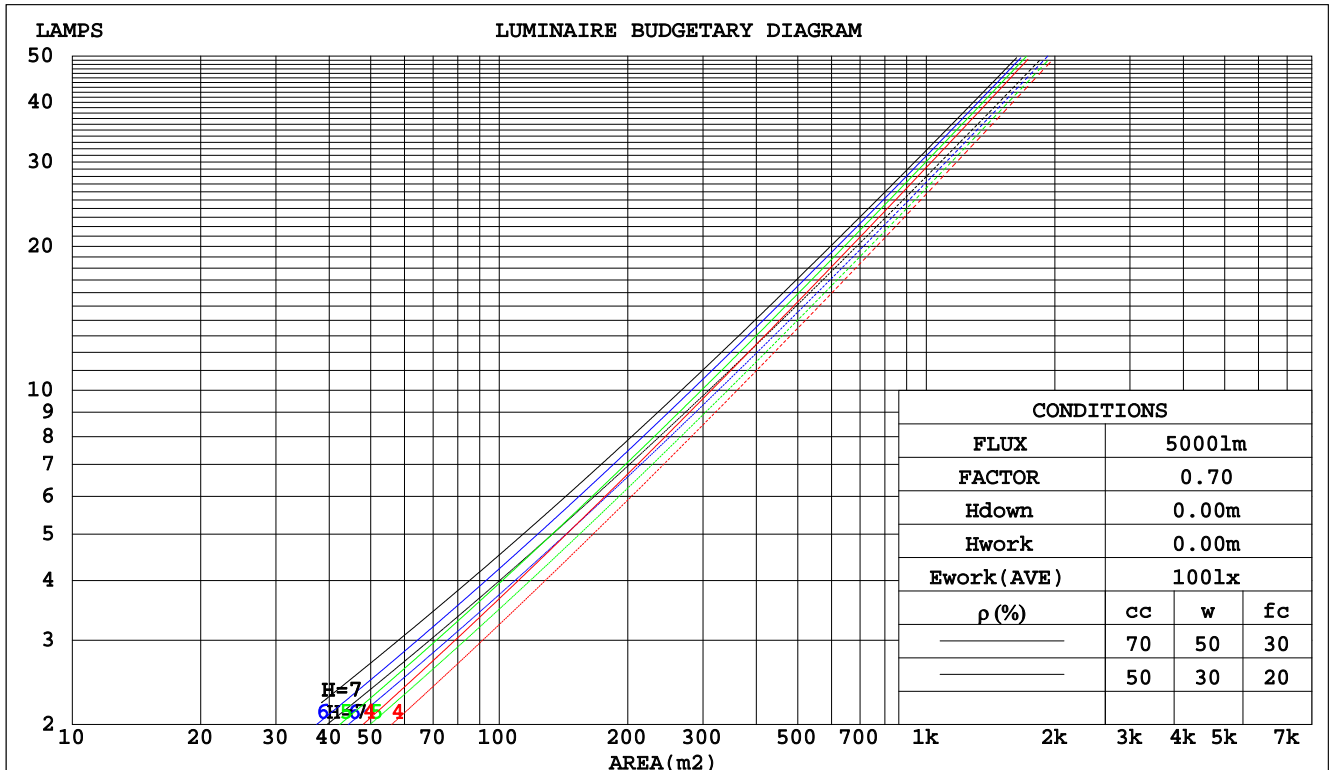
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:8.520W PF:0.8400 Lamp Flux:665.518x1 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	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.09	1.07	1.04	1.07	1.05	1.02	1.03	1.01	.99	.98	.97	.96	.95	.93	.92	.90
2.0	1.01	.97	.93	.99	.95	.92	.96	.93	.90	.92	.90	.88	.89	.87	.85	.84
3.0	.94	.89	.85	.93	.88	.84	.90	.85	.82	.87	.83	.81	.84	.81	.79	.77
4.0	.88	.82	.77	.86	.81	.77	.84	.79	.76	.82	.78	.75	.79	.76	.73	.72
5.0	.82	.76	.71	.81	.75	.71	.79	.74	.70	.77	.73	.69	.75	.71	.68	.67
6.0	.77	.71	.66	.76	.70	.66	.74	.69	.65	.73	.68	.65	.71	.67	.64	.63
7.0	.72	.66	.62	.71	.66	.62	.70	.65	.61	.69	.64	.61	.67	.63	.60	.59
8.0	.68	.62	.58	.67	.62	.58	.66	.61	.57	.65	.60	.57	.64	.60	.57	.55
9.0	.64	.58	.54	.64	.58	.54	.63	.58	.54	.62	.57	.54	.61	.56	.53	.52
10.0	.61	.55	.51	.61	.55	.51	.60	.55	.51	.59	.54	.51	.58	.54	.51	.49



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:8.520W PF:0.8400 Lamp Flux:665.518x1 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	.192	.109	.035	.185	.105	.033	.171	.098	.031	.158	.091	.029	.146	.085	.027	
2.0	.182	.100	.031	.176	.097	.030	.164	.091	.028	.153	.086	.027	.143	.081	.025	
3.0	.172	.092	.027	.166	.089	.027	.156	.085	.026	.147	.080	.025	.138	.076	.024	
4.0	.163	.085	.025	.158	.083	.024	.149	.079	.024	.140	.075	.023	.133	.072	.022	
5.0	.154	.078	.023	.150	.077	.022	.142	.074	.022	.135	.071	.021	.128	.068	.020	
6.0	.146	.073	.021	.142	.072	.021	.135	.069	.020	.129	.067	.020	.123	.065	.019	
7.0	.139	.069	.019	.136	.068	.019	.129	.065	.019	.123	.063	.018	.118	.061	.018	
8.0	.132	.065	.018	.129	.064	.018	.124	.062	.018	.118	.060	.017	.113	.058	.017	
9.0	.126	.061	.017	.123	.060	.017	.118	.059	.017	.114	.057	.016	.109	.055	.016	
10.0	.121	.058	.016	.118	.057	.016	.113	.056	.016	.109	.054	.015	.105	.053	.015	

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	.208	.208	.208	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.190	.175	.162	.163	.150	.139	.111	.103	.096	.064	.060	.056	.021	.019	.018	
2.0	.176	.151	.129	.151	.130	.112	.103	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.164	.132	.106	.141	.114	.092	.096	.079	.065	.056	.046	.038	.018	.015	.012	
4.0	.154	.117	.090	.132	.101	.078	.091	.071	.055	.053	.041	.032	.017	.013	.011	
5.0	.145	.106	.077	.125	.092	.067	.086	.064	.047	.050	.038	.028	.016	.012	.009	
6.0	.138	.097	.067	.119	.084	.059	.082	.059	.042	.047	.035	.025	.015	.011	.008	
7.0	.131	.089	.060	.113	.077	.052	.078	.054	.037	.045	.032	.022	.015	.010	.007	
8.0	.126	.083	.054	.108	.072	.047	.075	.051	.033	.043	.030	.020	.014	.010	.007	
9.0	.120	.078	.049	.104	.068	.043	.072	.048	.031	.042	.028	.018	.014	.009	.006	
10.0	.116	.074	.046	.100	.064	.040	.069	.045	.028	.040	.027	.017	.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:226.5V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:665.518x1 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	23.3	24.2	23.5	24.4	24.7	23.0	24.0	23.3	24.2	24.4	
	3H	23.2	24.1	23.5	24.3	24.6	23.0	23.9	23.3	24.1	24.4
	4H	23.2	24.1	23.5	24.3	24.6	23.0	23.9	23.3	24.1	24.4
	6H	23.3	24.1	23.6	24.4	24.6	23.1	23.9	23.4	24.2	24.5
	8H	23.3	24.1	23.7	24.4	24.7	23.2	23.9	23.5	24.2	24.6
	12H	23.4	24.2	23.8	24.5	24.8	23.3	24.0	23.7	24.3	24.7
4H	2H	23.0	23.9	23.4	24.2	24.4	22.8	23.7	23.1	23.9	24.2
	3H	23.1	23.8	23.4	24.1	24.4	22.8	23.6	23.2	23.9	24.2
	4H	23.1	23.8	23.5	24.1	24.5	22.9	23.6	23.3	23.9	24.3
	6H	23.3	23.9	23.7	24.2	24.6	23.1	23.7	23.6	24.1	24.5
	8H	23.4	24.0	23.9	24.4	24.8	23.3	23.8	23.7	24.2	24.7
	12H	23.6	24.1	24.1	24.5	25.0	23.5	24.0	24.0	24.5	24.9
8H	4H	23.1	23.6	23.5	24.0	24.4	22.9	23.4	23.3	23.8	24.3
	6H	23.3	23.8	23.8	24.2	24.7	23.2	23.7	23.7	24.1	24.6
	8H	23.6	24.0	24.1	24.4	24.9	23.5	23.9	24.0	24.4	24.8
	12H	23.9	24.3	24.4	24.7	25.3	23.9	24.2	24.4	24.7	25.2
12H	4H	23.1	23.5	23.5	24.0	24.4	22.9	23.4	23.3	23.8	24.2
	6H	23.4	23.8	23.9	24.2	24.7	23.2	23.6	23.7	24.1	24.6
	8H	23.7	24.0	24.2	24.5	25.0	23.6	23.9	24.1	24.4	24.9
Variations with the observer position at spacings:											
S = 1.0H	+ 2.0 / - 4.2					+ 2.0 / - 3.9					
1.5H	+ 4.1 / - 4.2					+ 3.9 / - 3.9					
2.0H	+ 4.3 / - 1.1					+ 4.0 / - 1.0					

CIE Pub.117 Corrected 665.5 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.4)

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:8.520W PF:0.8400 Lamp Flux:665.518x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

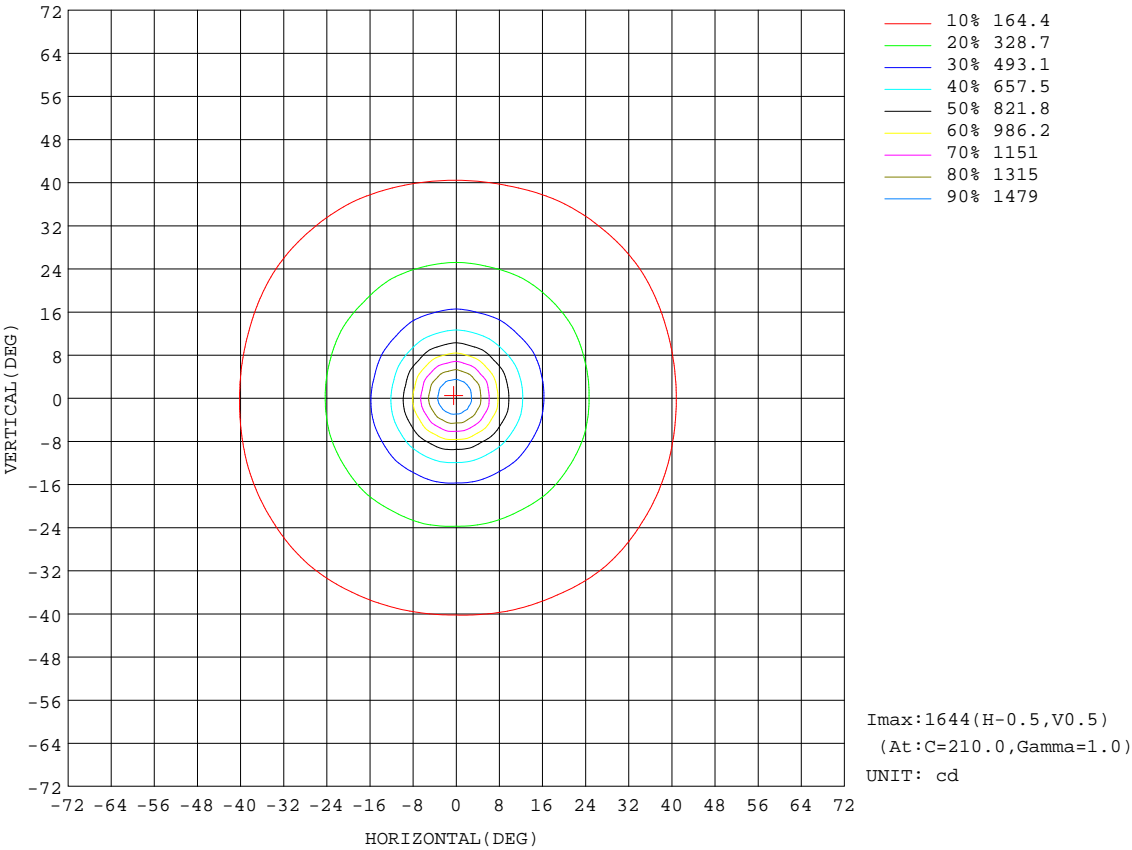
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	74	70	81	74	70	80	74	70	66
0.80	90	83	78	89	82	78	87	82	78	73
1.00	95	88	84	94	88	84	92	88	83	79
1.25	99	93	89	98	93	89	96	91	88	83
1.50	103	97	93	101	96	92	98	94	91	86
2.00	106	101	97	104	100	96	101	97	95	89
2.50	108	103	100	106	102	99	102	99	97	90
3.00	110	106	102	108	104	101	104	101	99	91
4.00	112	109	106	110	107	104	105	103	101	93
5.00	113	111	108	111	109	107	106	105	103	94
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:8.520W PF:0.8400 Lamp Flux:665.518x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



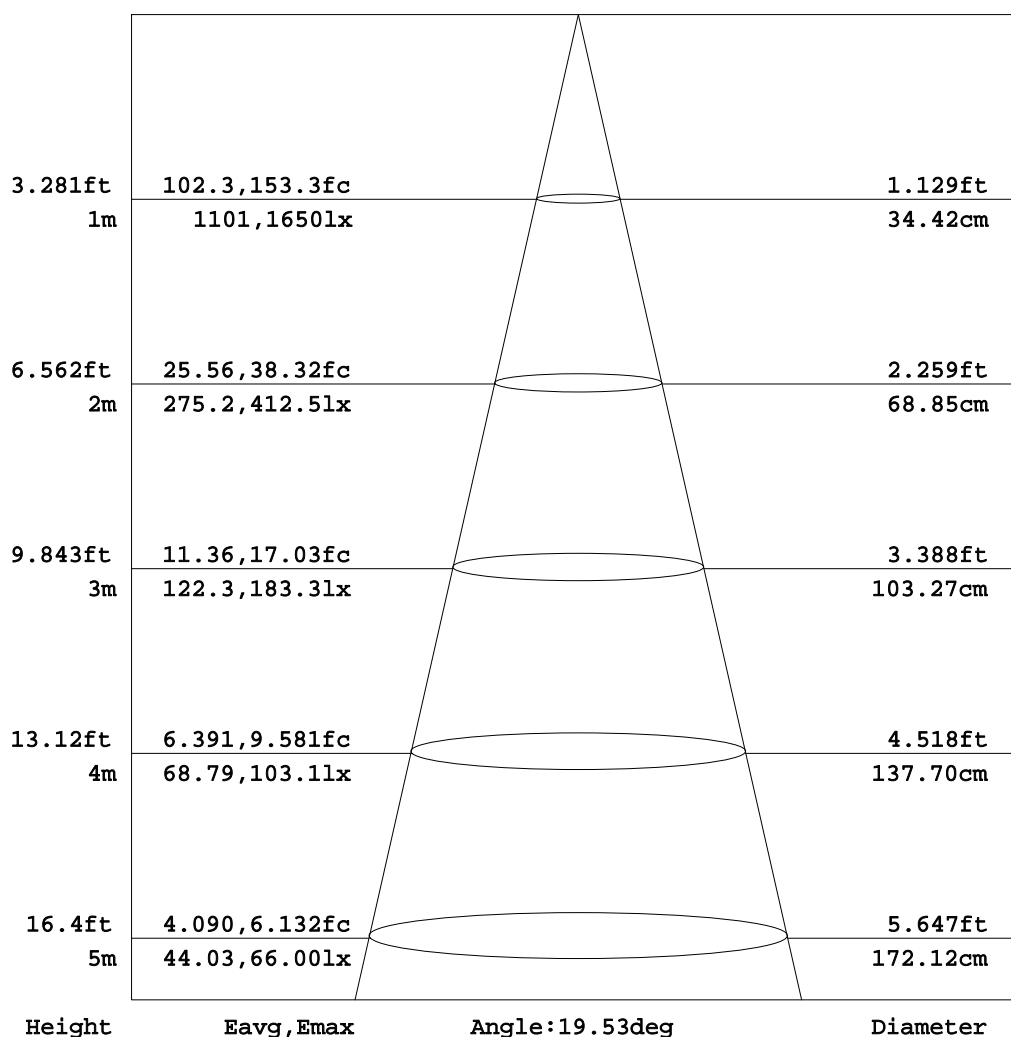
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:8.520W PF:0.8400 Lamp Flux:665.518x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:107.5 lm



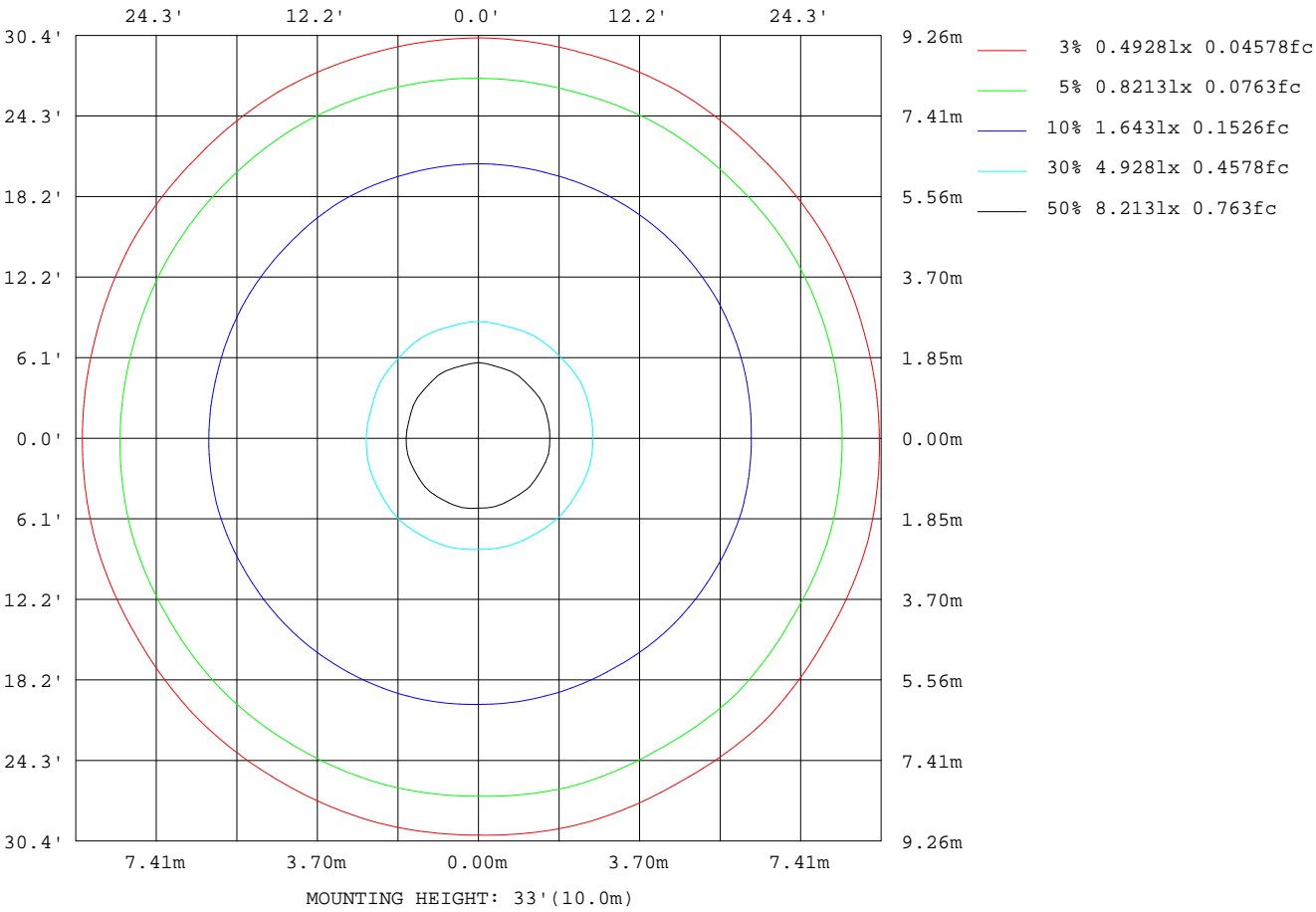
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

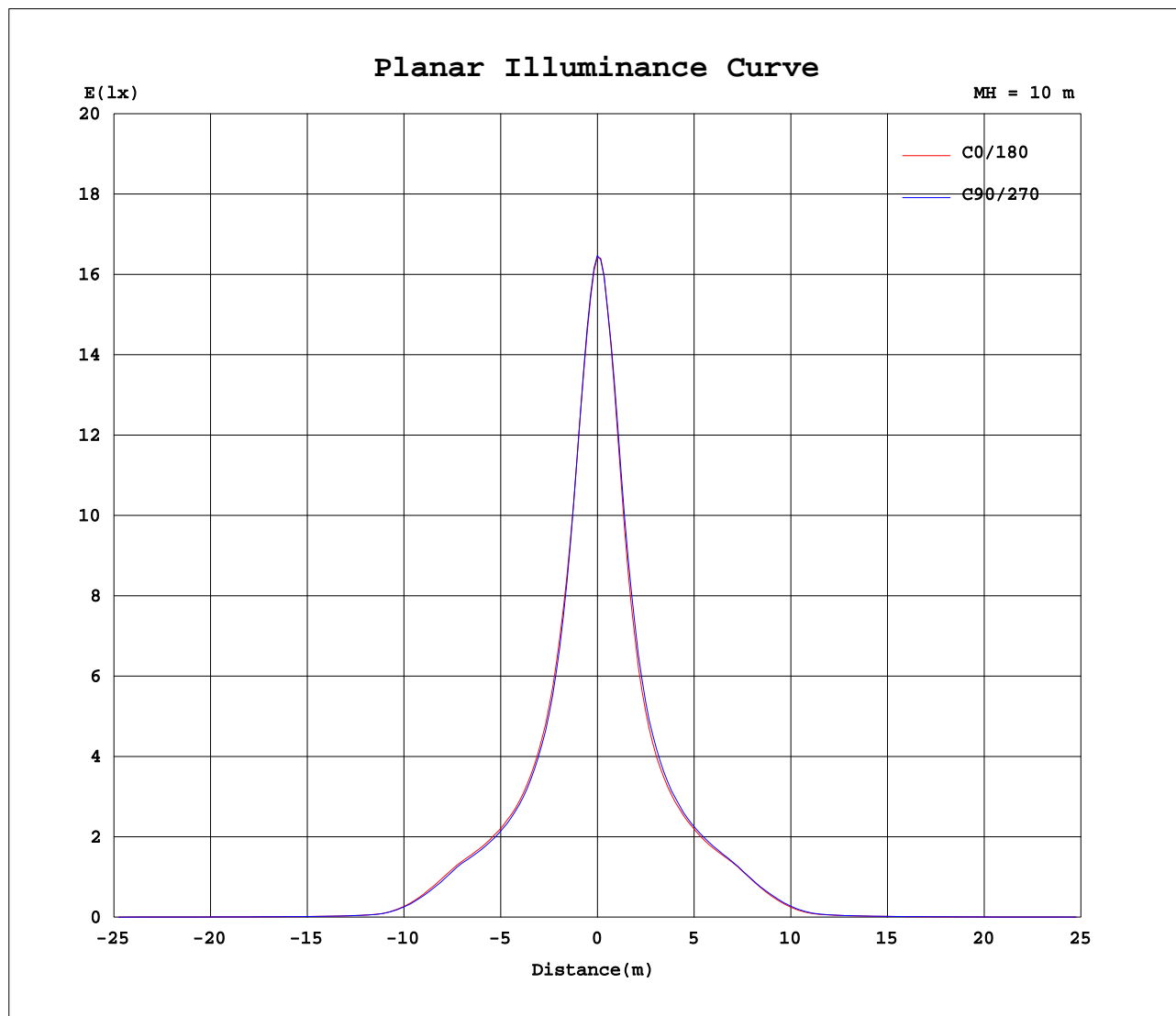
Test:U:226.5V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:665.518x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:8.520W PF:0.8400 Lamp Flux:665.518x1 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	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646	1646
5	1272	1278	1261	1273	1262	1280	1269	1295	1288	1313	1304	1327	1335	1319	1347	1335	1354	1331	1347
10	805	808	791	793	776	784	782	798	795	813	800	813	809	795	819	812	840	828	844
15	535	534	525	525	517	519	516	523	523	532	522	526	522	515	526	526	541	537	544
20	399	398	392	392	386	388	385	390	389	393	390	392	391	389	396	395	404	401	406
25	326	325	321	320	315	315	313	317	317	321	319	322	322	321	324	324	330	329	331
30	283	282	281	278	275	273	273	275	275	278	277	280	279	279	282	282	286	284	287
35	254	253	249	248	245	245	245	246	246	247	244	248	247	245	249	247	250	249	249
40	180	181	175	179	171	173	169	170	169	172	169	172	169	167	170	171	174	173	172
45	75.7	79.0	77.7	78.7	76.0	76.2	72.8	74.4	70.6	70.7	68.3	69.8	71.0	71.3	76.0	74.3	79.3	76.6	78.2
50	21.0	21.2	21.2	21.6	21.6	21.9	21.5	21.5	21.3	21.7	22.0	22.5	22.7	22.6	23.3	23.4	23.9	23.8	23.8
55	12.7	12.5	12.4	12.5	12.4	12.7	12.5	12.6	12.5	12.7	12.9	13.3	13.5	13.6	13.9	13.8	14.1	14.0	14.2
60	9.34	9.15	9.12	9.20	9.31	9.49	9.41	9.34	9.29	9.42	9.48	9.74	9.80	9.83	10.1	10.1	10.3	10.2	10.3
65	7.39	7.29	7.27	7.35	7.44	7.57	7.50	7.44	7.41	7.48	7.50	7.66	7.70	7.73	7.94	7.96	8.07	8.02	8.04
70	6.08	6.04	6.08	6.13	6.16	6.30	6.30	6.29	6.27	6.27	6.21	6.34	6.38	6.39	6.50	6.52	6.58	6.52	6.53
75	5.08	5.09	5.14	5.18	5.21	5.28	5.35	5.36	5.31	5.30	5.28	5.32	5.34	5.29	5.34	5.32	5.40	5.39	5.41
80	4.34	4.38	4.46	4.49	4.53	4.59	4.62	4.62	4.57	4.53	4.47	4.47	4.46	4.37	4.35	4.34	4.42	4.48	4.46
85	3.44	3.52	3.50	3.57	3.55	3.70	3.70	3.82	3.78	3.79	3.70	3.65	3.65	3.56	3.51	3.51	3.60	3.66	3.66
90	1.03	1.02	1.23	1.02	1.03	1.03	1.03	1.02	1.04	1.03	1.04	1.04	1.21	1.21	1.21	1.21	1.20	1.23	1.20
95	1.04	1.04	1.10	1.04	1.03	1.05	1.03	1.04	1.04	1.05	1.07	1.05	1.31	1.30	1.31	1.30	1.31	1.30	1.30
100	1.11	1.13	1.11	1.13	1.12	1.14	1.12	1.14	1.13	1.14	1.15	1.14	1.44	1.43	1.44	1.42	1.43	1.44	1.43
105	1.29	1.29	1.29	1.30	1.30	1.31	1.29	1.31	1.30	1.31	1.30	1.31	1.60	1.59	1.60	1.59	1.60	1.59	1.59
110	1.49	1.50	1.50	1.51	1.51	1.52	1.51	1.52	1.51	1.53	1.52	1.53	1.78	1.76	1.78	1.76	1.77	1.75	1.77
115	1.71	1.72	1.72	1.74	1.74	1.74	1.74	1.75	1.74	1.76	1.74	1.75	1.98	1.96	1.98	1.96	1.97	1.96	1.96
120	1.96	1.97	1.98	1.98	1.98	2.00	1.99	2.00	2.00	2.01	2.00	2.01	2.23	2.20	2.22	2.20	2.21	2.19	2.20
125	2.28	2.28	2.28	2.30	2.31	2.32	2.31	2.32	2.32	2.33	2.32	2.32	2.53	2.50	2.52	2.50	2.51	2.49	2.50
130	2.69	2.70	2.71	2.71	2.72	2.72	2.73	2.73	2.73	2.73	2.73	2.73	2.90	2.89	2.89	2.88	2.88	2.87	2.88
135	3.17	3.17	3.18	3.18	3.20	3.20	3.21	3.21	3.21	3.21	3.21	3.21	3.35	3.34	3.34	3.33	3.33	3.31	3.31
140	3.61	3.60	3.61	3.62	3.63	3.63	3.64	3.64	3.64	3.65	3.63	3.64	3.75	3.74	3.74	3.72	3.73	3.71	3.71
145	3.91	3.92	3.93	3.94	3.96	3.95	3.95	3.96	3.95	3.97	3.95	3.96	4.04	4.02	4.03	4.01	4.02	3.99	4.01
150	4.14	4.14	4.15	4.16	4.16	4.17	4.16	4.17	4.17	4.17	4.16	4.18	4.25	4.22	4.24	4.22	4.23	4.20	4.22
155	4.34	4.35	4.36	4.36	4.37	4.36	4.37	4.37	4.36	4.38	4.36	4.38	4.44	4.42	4.43	4.41	4.42	4.40	4.41
160	4.56	4.56	4.57	4.57	4.58	4.58	4.57	4.59	4.59	4.60	4.58	4.61	4.64	4.62	4.63	4.62	4.64	4.61	4.63
165	4.75	4.76	4.75	4.78	4.76	4.77	4.76	4.78	4.76	4.79	4.77	4.80	4.82	4.80	4.82	4.81	4.82	4.79	4.82
170	4.89	4.88	4.89	4.89	4.89	4.89	4.89	4.89	4.90	4.93	4.90	4.93	4.94	4.91	4.93	4.92	4.95	4.91	4.94
175	4.93	4.92	4.93	4.93	4.94	4.93	4.94	4.94	4.95	4.97	4.95	4.98	4.97	4.96	4.97	4.97	4.98	4.96	4.97
180	4.98	4.96	4.98	4.98	4.99	4.97	4.98	4.98	4.99	5.01	4.99	5.01	4.97	4.97	4.98	4.98	4.99	4.97	4.98

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:8.520W PF:0.8400 Lamp Flux:665.518x1 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	1646	1646	1646	1646	1646														
5	1318	1322	1300	1302	1277														
10	824	835	816	822	808														
15	539	545	540	546	539														
20	402	405	402	404	401														
25	329	331	330	329	326														
30	285	288	288	287	284														
35	248	252	253	254	254														
40	170	175	176	181	181														
45	76.8	76.3	73.3	74.6	74.1														
50	23.3	23.2	22.6	22.6	21.8														
55	14.0	14.0	13.6	13.4	13.0														
60	10.2	10.1	9.92	9.84	9.61														
65	7.90	7.91	7.77	7.71	7.57														
70	6.44	6.39	6.26	6.21	6.16														
75	5.31	5.27	5.18	5.13	5.13														
80	4.40	4.35	4.30	4.27	4.34														
85	3.60	3.55	3.49	3.50	3.50														
90	1.21	1.20	1.21	1.21	1.22														
95	1.29	1.30	1.30	1.31	1.30														
100	1.41	1.43	1.42	1.43	1.43														
105	1.58	1.59	1.59	1.59	1.59														
110	1.75	1.76	1.75	1.77	1.76														
115	1.95	1.96	1.96	1.96	1.96														
120	2.18	2.20	2.19	2.20	2.20														
125	2.48	2.49	2.49	2.50	2.50														
130	2.86	2.87	2.87	2.88	2.88														
135	3.31	3.30	3.31	3.32	3.33														
140	3.69	3.71	3.71	3.71	3.73														
145	3.99	4.01	4.01	4.01	4.02														
150	4.20	4.22	4.23	4.22	4.22														
155	4.40	4.42	4.41	4.42	4.42														
160	4.61	4.63	4.63	4.63	4.63														
165	4.80	4.82	4.81	4.81	4.81														
170	4.92	4.94	4.94	4.94	4.95														
175	4.96	4.98	4.98	4.98	4.98														
180	4.98	4.99	5.01	4.99	5.01														

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: