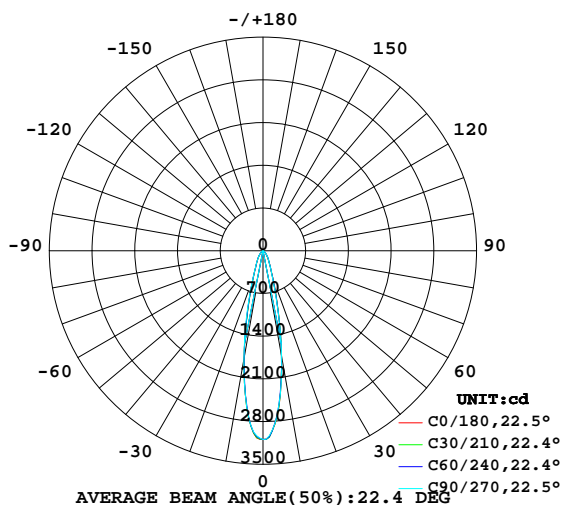


LUMINAIRE PHOTOMETRIC TEST REPORT

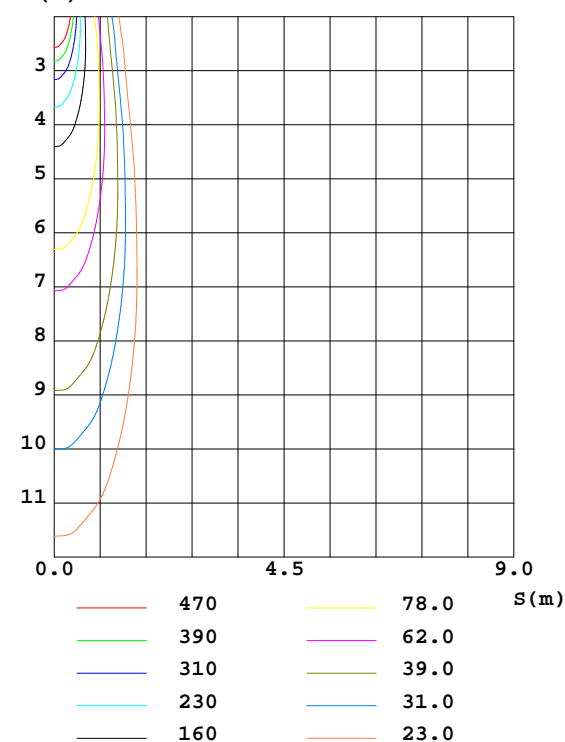
Test:U:226.4V I:0.0600A P:10.80W PF:0.7920 Lamp Flux:820.831x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.00 lm/W			
MODEL	M032-11W-927-S-24	Imax(cd)	3097	S/MH(C0/180)	0.38
NOMINAL POWER(W)	12	LOR(%)	100.0	S/MH(C90/270)	0.38
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	820.83	η UP,DN(C0-180)	1.2,48.6
NOMINAL FLUX(lm)	820.831	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.8
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	1764	1789	1759	1807	1788	1741	1804	1793	0- 10	227.9	227.9	27.8,27.8
20	474.2	490.6	449.3	483.7	478.3	456.0	483.0	490.3	10- 20	264.7	492.7	60,60
30	179.9	196.8	186.5	192.5	189.9	190.3	190.2	184.1	20- 30	133.5	626.1	76.3,76.3
40	86.07	99.57	96.17	90.64	85.88	95.54	93.74	86.71	30- 40	83.96	710.1	86.5,86.5
50	37.75	46.50	43.19	35.01	34.77	43.38	44.33	37.43	40- 50	47.88	758.0	92.3,92.3
60	14.72	15.06	14.40	13.30	13.55	14.51	15.21	14.59	50- 60	22.25	780.2	95.1,95.1
70	7.548	7.831	7.399	6.993	7.237	7.466	7.525	7.173	60- 70	10.38	790.6	96.3,96.3
80	3.710	3.892	3.878	3.642	3.586	3.662	3.895	3.726	70- 80	6.196	796.8	97.1,97.1
90	1.444	1.479	1.625	1.563	1.759	1.772	1.921	1.861	80- 90	3.114	799.9	97.5,97.5
100	1.261	1.281	1.426	1.386	1.887	1.900	2.054	1.968	90-100	1.891	801.8	97.7,97.7
110	1.574	1.618	1.750	1.707	2.094	2.114	2.256	2.158	100-110	1.999	803.8	97.9,97.9
120	2.174	2.211	2.362	2.313	2.530	2.543	2.677	2.574	110-120	2.253	806.1	98.2,98.2
130	3.362	3.390	3.550	3.482	3.612	3.635	3.734	3.650	120-130	2.689	808.8	98.5,98.5
140	4.886	4.919	5.049	4.994	5.045	5.066	5.148	5.064	130-140	3.343	812.1	98.9,98.9
150	5.813	5.840	5.956	5.943	5.947	5.956	6.044	5.961	140-150	3.478	815.6	99.4,99.4
160	6.263	6.285	6.303	6.282	6.349	6.350	6.359	6.319	150-160	2.847	818.4	99.7,99.7
170	6.289	6.285	6.282	6.273	6.335	6.362	6.347	6.343	160-170	1.802	820.2	99.9,99.9
180	6.163	6.173	6.175	6.172	6.170	6.173	6.179	6.172	170-180	0.5937	820.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

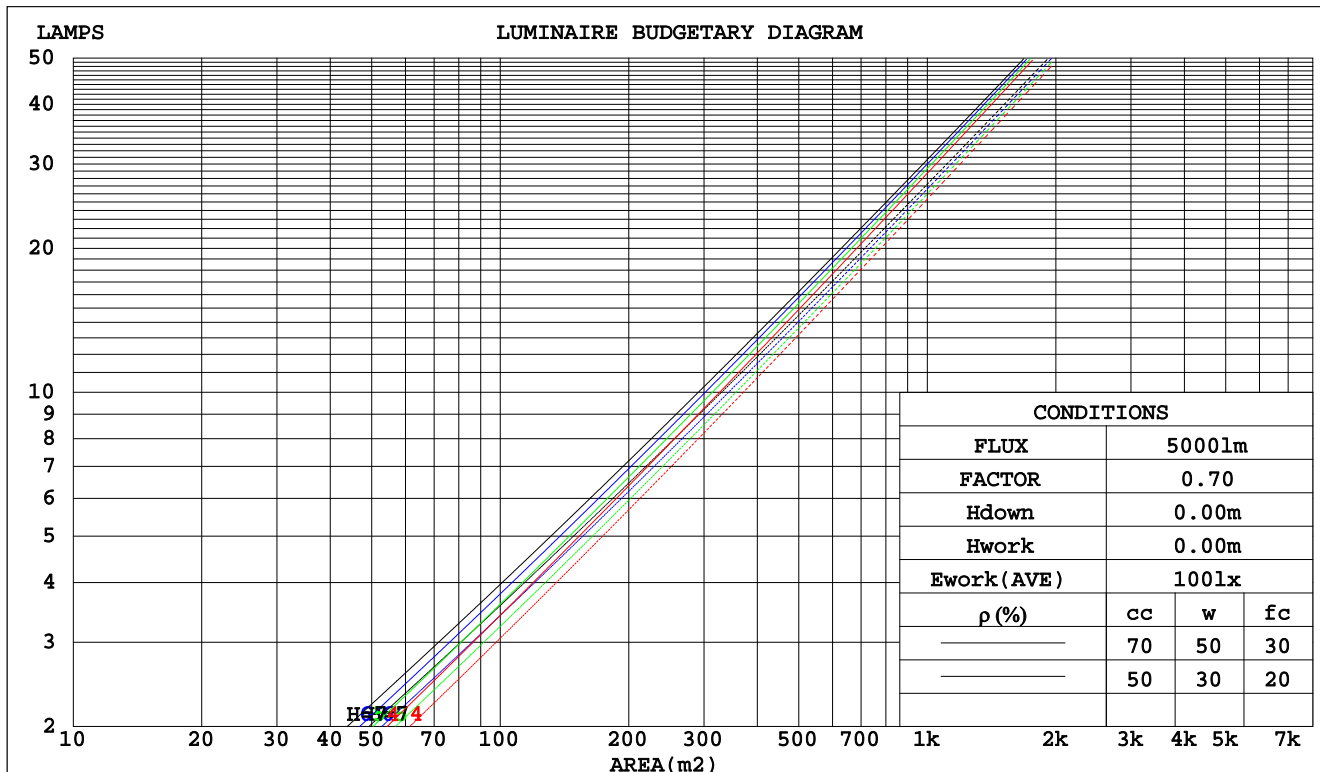
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:0.0600A P:10.80W PF:0.7920 Lamp Flux:820.83lx1 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	1.11	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	.93	.91	.92	.90	.88	.87
3.0	.98	.93	.89	.96	.92	.89	.93	.90	.87	.90	.88	.85	.88	.86	.84	.82
4.0	.92	.87	.84	.91	.86	.83	.89	.85	.82	.86	.83	.80	.84	.82	.79	.78
5.0	.88	.82	.79	.87	.82	.78	.85	.80	.77	.83	.79	.76	.81	.78	.76	.74
6.0	.84	.78	.75	.83	.78	.74	.81	.77	.74	.79	.76	.73	.78	.75	.72	.71
7.0	.80	.75	.71	.79	.74	.71	.78	.73	.70	.76	.73	.70	.75	.72	.69	.68
8.0	.77	.71	.68	.76	.71	.68	.75	.70	.67	.74	.70	.67	.72	.69	.66	.65
9.0	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.64	.70	.67	.64	.63
10.0	.71	.66	.63	.70	.66	.63	.70	.65	.62	.69	.65	.62	.68	.64	.62	.61



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:0.0600A P:10.80W PF:0.7920 Lamp Flux:820.83lx1 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	.163	.093	.030	.149	.086	.027	.136	.079	.025	.124	.072	.023			
2.0	.160	.087	.027	.153	.084	.026	.141	.079	.024	.131	.073	.023	.120	.068	.021			
3.0	.149	.080	.024	.144	.077	.023	.134	.073	.022	.124	.068	.021	.116	.064	.020			
4.0	.140	.073	.021	.135	.071	.021	.127	.067	.020	.119	.064	.019	.111	.060	.018			
5.0	.132	.067	.019	.128	.066	.019	.120	.063	.018	.113	.060	.018	.106	.057	.017			
6.0	.124	.062	.018	.121	.061	.018	.114	.059	.017	.108	.056	.016	.102	.054	.016			
7.0	.118	.058	.017	.115	.057	.016	.109	.055	.016	.103	.053	.015	.098	.051	.015			
8.0	.112	.055	.015	.109	.054	.015	.104	.052	.015	.099	.050	.014	.094	.048	.014			
9.0	.106	.051	.014	.104	.051	.014	.099	.049	.014	.095	.047	.014	.090	.046	.013			
10.0	.101	.049	.013	.099	.048	.013	.095	.046	.013	.091	.045	.013	.087	.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	.134	.149	.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	.118	.094	.129	.102	.082	.088	.071	.058	.051	.042	.034	.016	.014	.011	
5.0	.140	.107	.082	.120	.092	.071	.083	.064	.050	.048	.038	.030	.015	.012	.010	
6.0	.132	.097	.072	.113	.084	.063	.078	.059	.044	.045	.035	.026	.015	.011	.009	
7.0	.125	.089	.064	.107	.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	.097	.067	.047	.067	.047	.033	.039	.028	.020	.013	.009	.007	
10.0	.108	.073	.049	.093	.063	.043	.065	.044	.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:226.4V I:0.0600A P:10.80W PF:0.7920 Lamp Flux:820.83lx1 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	20.8	21.6	21.1	21.8	22.0	21.1	21.9	21.4	22.1	22.3
	3H	21.0	21.8	21.3	22.0	22.3	21.3	22.1	21.6	22.3	22.5
	4H	21.2	21.9	21.5	22.1	22.4	21.4	22.1	21.7	22.4	22.7
	6H	21.3	22.0	21.6	22.2	22.5	21.8	22.5	22.1	22.8	23.0
	8H	21.3	22.0	21.7	22.3	22.6	21.9	22.6	22.3	22.9	23.2
	12H	21.4	22.0	21.7	22.3	22.6	22.0	22.6	22.4	22.9	23.3
4H	2H	20.8	21.5	21.1	21.8	22.1	21.1	21.8	21.4	22.1	22.3
	3H	21.2	21.8	21.5	22.1	22.4	21.4	22.0	21.8	22.3	22.7
	4H	21.4	22.0	21.8	22.3	22.6	21.7	22.2	22.0	22.6	22.9
	6H	21.6	22.1	22.0	22.5	22.9	22.6	23.1	23.0	23.5	23.9
	8H	21.7	22.2	22.1	22.6	23.0	22.9	23.3	23.3	23.7	24.1
	12H	21.8	22.2	22.3	22.6	23.1	23.0	23.5	23.5	23.9	24.3
8H	4H	21.4	21.9	21.9	22.3	22.7	21.7	22.2	22.2	22.6	23.0
	6H	21.7	22.1	22.2	22.6	23.0	23.1	23.4	23.5	23.9	24.3
	8H	21.9	22.3	22.4	22.7	23.2	23.5	23.9	24.0	24.3	24.8
	12H	22.1	22.4	22.6	22.9	23.4	23.9	24.1	24.4	24.6	25.2
12H	4H	21.5	21.9	22.0	22.4	22.8	21.7	22.1	22.2	22.6	23.0
	6H	21.9	22.2	22.3	22.7	23.2	23.1	23.4	23.5	23.9	24.4
	8H	22.1	22.3	22.6	22.8	23.4	23.6	23.9	24.1	24.4	24.9
Variations with the observer position at spacings:											
S = 1.0H	+ 1.1 / - 1.5					+ 0.8 / - 1.1					
1.5H	+ 1.4 / - 1.4					+ 1.0 / - 0.9					
2.0H	+ 2.1 / - 1.5					+ 1.8 / - 1.1					

CIE Pub.117 Corrected 820.8 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.7)

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:0.0600A P:10.80W PF:0.7920 Lamp Flux:820.83lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

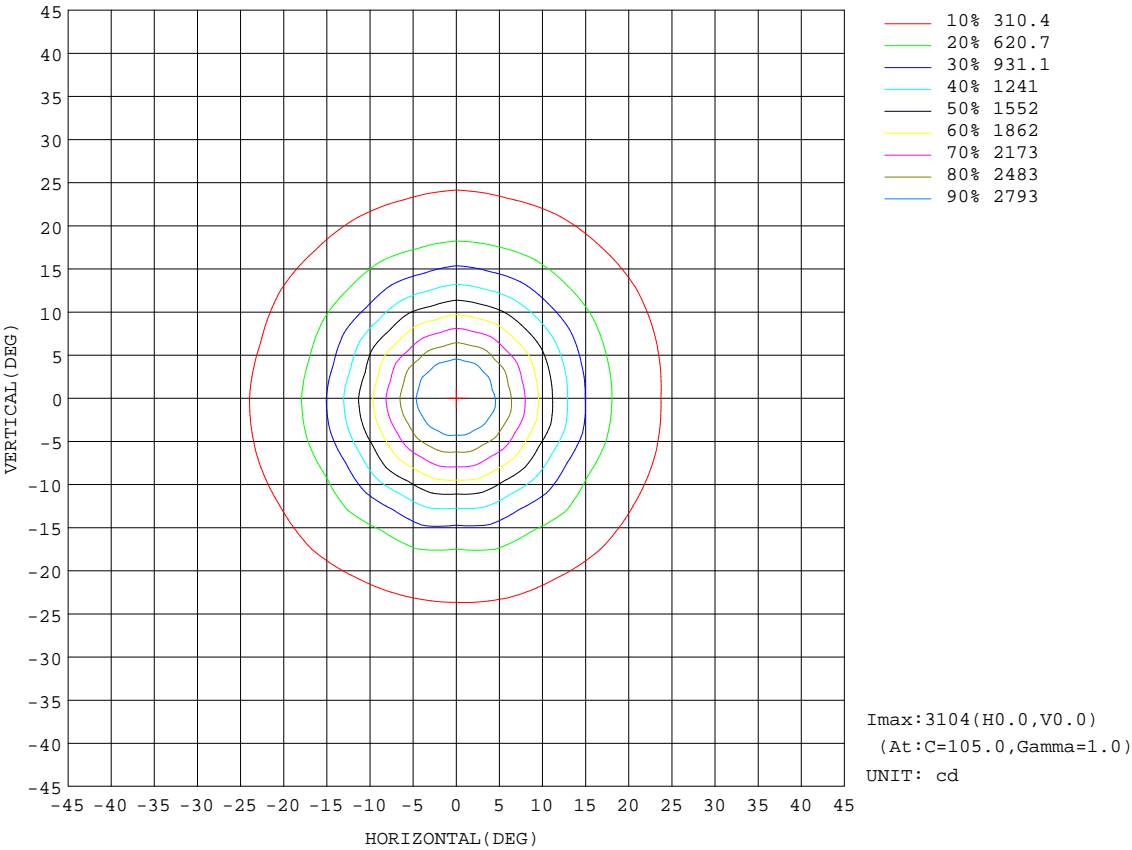
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	82	76	72	82	75	72	68
0.80	91	84	80	90	84	80	89	83	80	75
1.00	96	90	86	95	89	85	93	89	85	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	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:0.0600A P:10.80W PF:0.7920 Lamp Flux:820.83lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



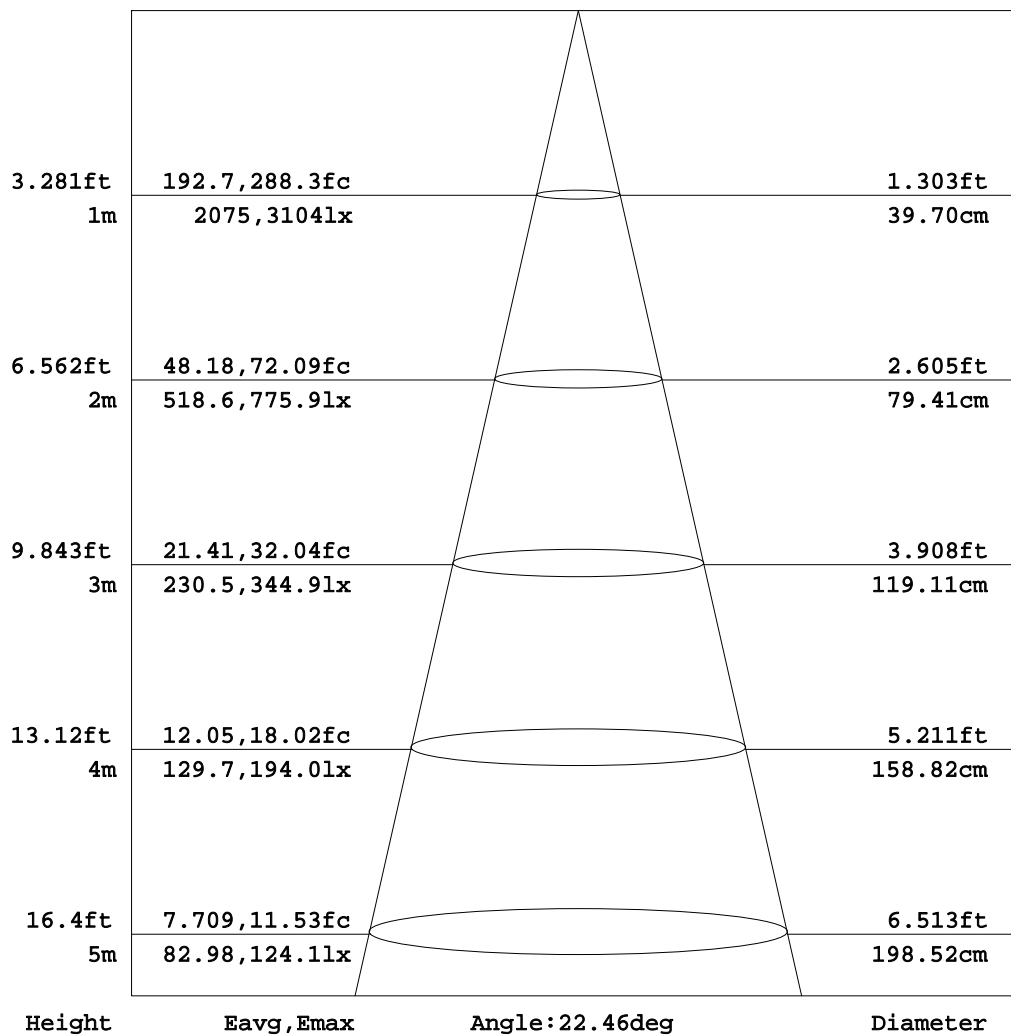
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:0.0600A P:10.80W PF:0.7920 Lamp Flux:820.83lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:294.5 lm



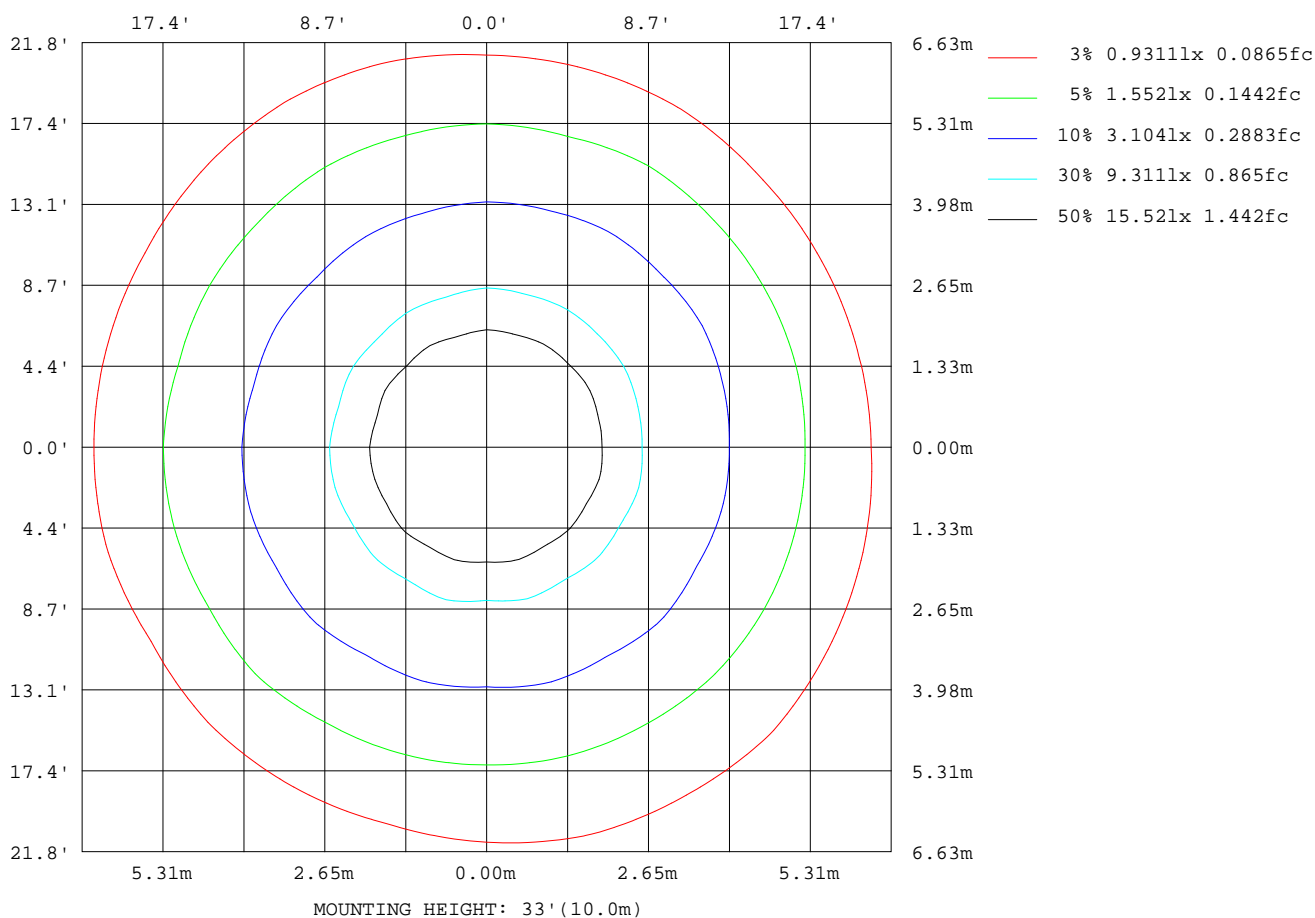
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

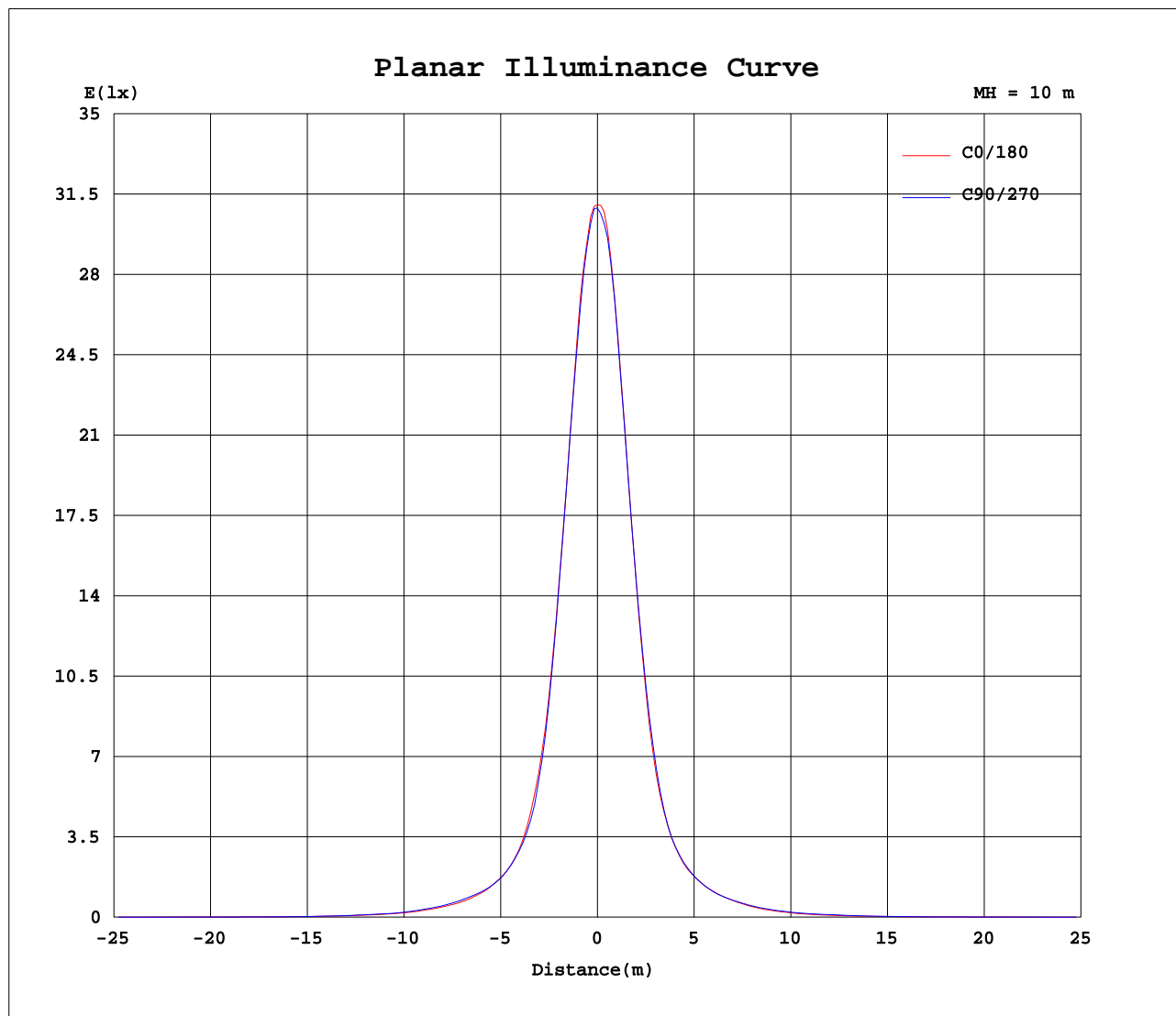
Test:U:226.4V I:0.0600A P:10.80W PF:0.7920 Lamp Flux:820.83lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.0600A P:10.80W PF:0.7920 Lamp Flux:820.831x1 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	3091	3091	3091	3091	3091	3091	3091	3091	3091	3091	3091	3091	3091	3091	3091	3091	3091	3091	3091
5	2724	2745	2712	2719	2695	2709	2692	2728	2707	2731	2715	2742	2732	2711	2741	2702	2731	2703	2736
10	1764	1789	1749	1789	1748	1797	1759	1801	1761	1807	1759	1789	1788	1736	1791	1741	1785	1750	1804
15	920	950	906	948	900	950	891	965	905	951	903	944	936	894	931	899	943	922	975
20	474	476	458	491	461	482	449	475	453	484	459	478	478	452	467	456	476	470	483
25	274	280	282	285	282	282	274	272	275	284	276	282	280	267	276	272	277	278	288
30	180	187	192	197	192	191	186	187	187	192	188	193	190	190	191	190	194	194	190
35	123	131	138	146	145	143	138	132	129	130	126	130	133	130	134	138	141	139	134
40	86.1	92.7	95.9	99.6	100	101	96.2	92.1	86.7	90.6	87.3	89.7	85.9	87.8	93.7	95.5	95.3	95.1	93.7
45	55.2	61.6	65.4	68.0	67.2	68.9	63.2	60.5	56.8	55.5	55.3	56.1	54.8	56.2	62.0	63.4	62.6	64.2	62.9
50	37.8	41.5	45.0	46.5	48.0	46.0	43.2	39.0	36.5	35.0	36.3	35.5	34.8	36.4	41.0	43.4	46.6	46.7	44.3
55	23.3	26.6	25.1	25.4	25.3	24.8	24.2	23.8	21.5	20.4	20.8	20.8	21.7	22.7	25.0	24.5	24.7	25.3	26.1
60	14.7	16.2	15.6	15.1	14.7	15.3	14.4	14.1	14.1	13.3	13.3	14.0	13.6	14.0	15.5	14.5	14.7	14.9	15.2
65	10.2	10.8	11.1	10.7	10.5	11.0	10.2	9.90	9.76	9.42	9.49	9.71	9.64	10.1	10.6	10.3	10.3	10.5	10.2
70	7.55	7.81	8.08	7.83	7.69	7.96	7.40	7.39	7.05	6.99	7.04	7.20	7.24	7.46	7.70	7.47	7.50	7.60	7.52
75	5.57	5.62	5.81	5.80	5.80	6.00	5.60	5.58	5.34	5.24	5.31	5.38	5.33	5.43	5.54	5.45	5.58	5.62	5.57
80	3.71	3.83	3.82	3.89	9.49	9.59	3.88	3.88	3.68	3.64	3.76	4.63	3.59	3.66	3.69	3.66	7.74	7.14	3.89
85	2.30	2.36	2.35	2.40	3.77	4.00	2.48	2.53	2.41	2.37	2.47	2.84	2.38	2.40	2.42	2.41	3.22	3.32	2.58
90	1.44	1.43	1.47	1.48	1.67	1.80	1.63	1.65	1.61	1.56	1.72	1.76	1.76	1.77	1.76	1.77	1.95	2.15	1.92
95	1.30	1.30	1.31	1.30	1.68	1.73	1.47	1.47	1.46	1.41	1.63	1.72	1.81	1.81	1.83	1.82	2.11	2.14	1.98
100	1.26	1.27	1.27	1.28	1.85	1.88	1.43	1.45	1.41	1.39	1.60	1.66	1.89	1.89	1.91	1.90	2.35	2.34	2.05
105	1.36	1.38	1.37	1.40	1.98	2.03	1.53	1.55	1.50	1.49	1.81	1.86	1.98	1.97	2.00	2.00	2.60	2.51	2.15
110	1.57	1.60	1.59	1.62	2.10	2.21	1.75	1.75	1.71	1.71	2.11	2.11	2.09	2.09	2.11	2.11	2.61	2.62	2.26
115	1.85	1.86	1.86	1.88	2.41	2.50	2.02	2.01	1.98	1.98	2.33	2.36	2.26	2.26	2.27	2.28	2.80	2.75	2.42
120	2.17	2.18	2.19	2.21	2.71	2.80	2.36	2.35	2.31	2.31	2.64	2.66	2.53	2.53	2.54	2.54	3.09	3.03	2.68
125	2.66	2.66	2.69	2.69	3.00	3.14	2.85	2.82	2.81	2.80	3.09	2.98	2.97	2.98	2.98	2.99	3.37	3.38	3.11
130	3.36	3.36	3.39	3.39	3.59	3.74	3.55	3.51	3.50	3.48	3.68	3.53	3.61	3.62	3.61	3.63	3.77	3.95	3.73
135	4.16	4.15	4.18	4.18	4.34	4.49	4.35	4.29	4.27	4.27	4.43	4.27	4.35	4.36	4.35	4.37	4.48	4.65	4.46
140	4.89	4.89	4.91	4.92	5.04	5.16	5.05	5.01	4.99	4.99	5.09	4.94	5.05	5.05	5.04	5.07	5.12	5.28	5.15
145	5.45	5.45	5.46	5.47	5.62	5.70	5.59	5.57	5.54	5.55	5.63	5.53	5.58	5.59	5.58	5.60	5.69	5.82	5.67
150	5.81	5.82	5.82	5.84	5.92	6.00	5.96	5.92	5.90	5.94	5.98	5.90	5.95	5.94	5.95	5.96	6.04	6.14	6.04
155	6.08	6.08	6.08	6.10	6.10	6.23	6.18	6.17	6.13	6.14	6.22	6.16	6.19	6.17	6.18	6.19	6.27	6.38	6.25
160	6.26	6.27	6.27	6.29	6.27	6.30	6.30	6.29	6.27	6.28	6.27	6.28	6.35	6.34	6.35	6.35	6.37	6.37	6.36
165	6.35	6.36	6.36	6.37	6.36	6.36	6.35	6.36	6.35	6.35	6.35	6.34	6.41	6.41	6.42	6.41	6.42	6.42	6.41
170	6.29	6.29	6.29	6.28	6.29	6.28	6.28	6.28	6.27	6.27	6.28	6.28	6.33	6.35	6.34	6.36	6.36	6.37	6.35
175	6.13	6.13	6.13	6.13	6.13	6.13	6.14	6.13	6.13	6.13	6.13	6.13	6.17	6.18	6.18	6.20	6.20	6.21	6.19
180	6.16	6.17	6.16	6.17	6.17	6.18	6.17	6.18	6.17	6.17	6.17	6.18	6.17	6.16	6.17	6.17	6.18	6.18	6.18

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:0.0600A P:10.80W PF:0.7920 Lamp Flux:820.83lx1 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	3091	3091	3091	3091	3091														
5	2718	2745	2716	2735	2699														
10	1783	1815	1793	1820	1777														
15	953	979	963	973	937														
20	486	504	490	498	479														
25	278	287	285	289	285														
30	191	190	184	180	181														
35	131	131	125	125	126														
40	90.1	89.5	86.7	86.1	86.0														
45	60.8	59.1	57.5	58.0	56.2														
50	40.2	39.1	37.4	37.6	37.5														
55	25.1	23.8	21.6	22.6	22.3														
60	14.8	16.0	14.6	14.5	14.9														
65	10.4	10.6	9.90	10.1	10.2														
70	7.59	7.35	7.17	7.29	7.27														
75	5.58	5.42	5.31	5.36	5.56														
80	3.85	3.78	3.73	3.78	5.34														
85	2.54	2.52	2.46	2.54	3.52														
90	1.89	1.87	1.86	1.95	2.03														
95	1.92	1.91	1.90	2.11	2.19														
100	2.00	1.98	1.97	2.18	2.18														
105	2.08	2.06	2.05	2.30	2.28														
110	2.19	2.17	2.16	2.43	2.40														
115	2.35	2.32	2.31	2.63	2.54														
120	2.61	2.57	2.57	2.86	2.80														
125	3.05	3.01	3.02	3.19	3.09														
130	3.68	3.63	3.65	3.72	3.65														
135	4.41	4.35	4.38	4.46	4.37														
140	5.09	5.04	5.06	5.11	5.05														
145	5.62	5.58	5.60	5.66	5.62														
150	5.97	5.94	5.96	6.00	5.96														
155	6.20	6.18	6.19	6.29	6.23														
160	6.35	6.32	6.32	6.32	6.33														
165	6.40	6.40	6.39	6.39	6.40														
170	6.36	6.34	6.34	6.33	6.35														
175	6.21	6.18	6.19	6.17	6.19														
180	6.19	6.17	6.17	6.17	6.18														

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: