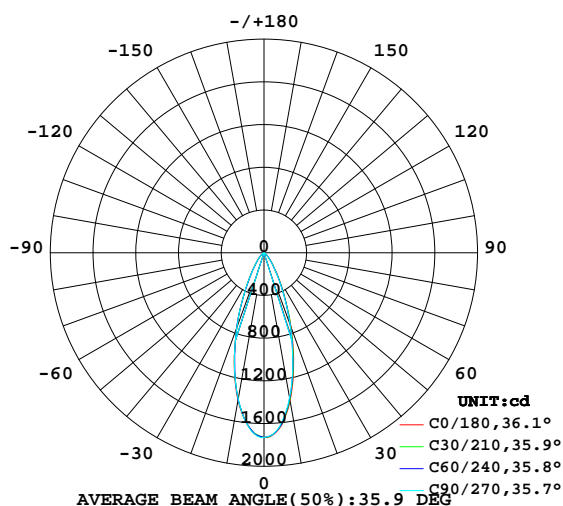


LUMINAIRE PHOTOMETRIC TEST REPORT

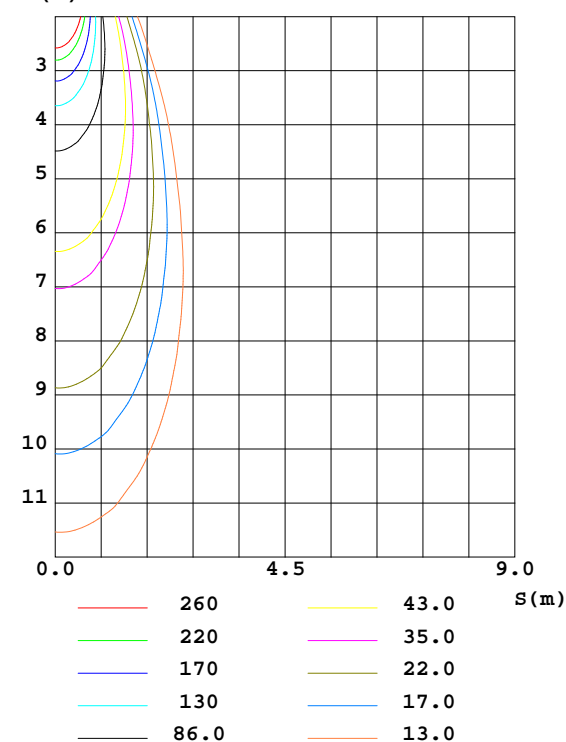
Test:U:226.4V I:0.0440A P:8.550W PF:0.8410 Lamp Flux:865.261x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 101.20 lm/W			
MODEL	M022-9W-827-S-38	Imax(cd)	1732	S/MH(C0/180)	0.59
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.57
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	865.27	η UP,DN(C0-180)	1.2,48.7
NOMINAL FLUX(lm)	865.261	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.8
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.4	η down(%)	97.5	CIBSE SHR MAX	0.60

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	1407	1398	1379	1400	1400	1382	1390	1391	0- 10	148.6	148.6	17.2,17.2
20	742.4	730.2	717.0	739.6	747.0	732.5	747.5	740.0	10- 20	292.1	440.6	50.9,50.9
30	281.4	265.7	263.4	268.2	276.3	262.7	272.0	269.0	20- 30	213.1	653.8	75.6,75.6
40	98.03	90.22	90.26	98.06	100.3	94.32	97.02	92.77	30- 40	101.3	755.1	87.3,87.3
50	35.48	34.64	35.93	41.21	39.58	34.32	34.47	33.49	40- 50	46.93	802.0	92.7,92.7
60	15.43	14.50	15.18	17.09	17.25	15.33	14.70	14.34	50- 60	20.94	822.9	95.1,95.1
70	8.020	7.917	7.745	8.406	8.508	8.005	7.869	7.692	60- 70	11.20	834.1	96.4,96.4
80	3.766	4.446	3.586	4.392	4.048	4.350	3.747	4.781	70- 80	6.196	840.3	97.1,97.1
90	1.639	1.786	1.506	1.744	1.888	2.020	1.791	2.039	80- 90	2.996	843.3	97.5,97.5
100	1.596	1.913	1.478	1.632	2.033	2.241	1.946	2.152	90-100	1.985	845.3	97.7,97.7
110	1.859	2.247	1.755	2.111	2.311	2.526	2.233	2.576	100-110	2.109	847.4	97.9,97.9
120	2.606	2.884	2.515	2.760	2.912	3.009	2.837	3.071	110-120	2.446	849.9	98.2,98.2
130	3.768	3.837	3.697	3.751	3.951	3.986	3.894	3.956	120-130	2.963	852.8	98.6,98.6
140	5.048	5.133	4.995	4.989	5.175	5.198	5.127	5.164	130-140	3.460	856.3	99.99
150	6.058	6.159	6.045	6.047	6.146	6.221	6.110	6.186	140-150	3.539	859.8	99.4,99.4
160	6.491	6.495	6.495	6.481	6.571	6.558	6.582	6.562	150-160	2.948	862.8	99.7,99.7
170	6.550	6.544	6.548	6.527	6.596	6.598	6.612	6.599	160-170	1.860	864.6	99.9,99.9
180	6.694	6.684	6.682	6.683	6.694	6.687	6.687	6.683	170-180	0.6295	865.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

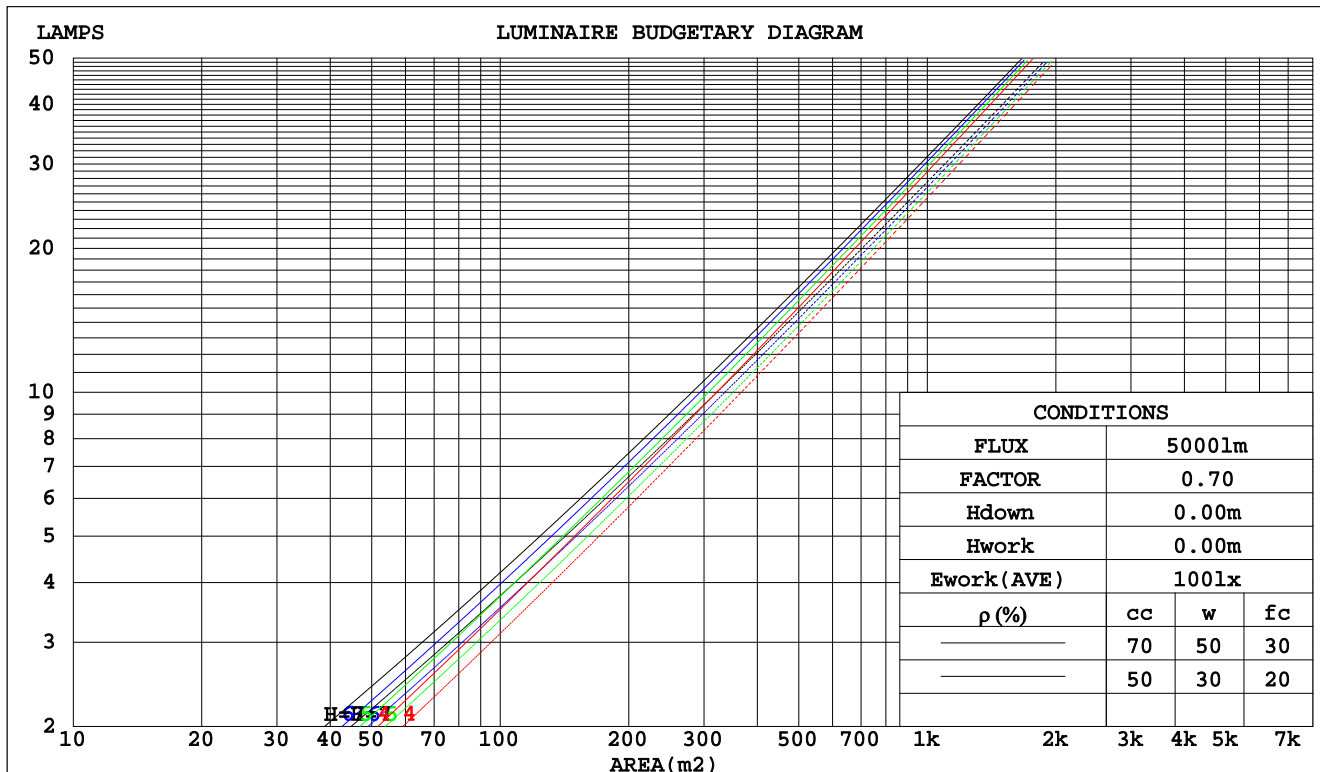
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:8.550W PF:0.8410 Lamp Flux:865.26lx1 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	1.05	1.08	1.05	1.03	1.03	1.01	.00	.99	.98	.96	.95	.94	.93	.91
2.0	1.03	.99	.95	1.01	.97	.94	.97	.94	.92	.94	.91	.89	.91	.89	.87	.85
3.0	.96	.91	.87	.95	.90	.87	.92	.88	.85	.89	.86	.83	.86	.84	.82	.80
4.0	.90	.85	.81	.89	.84	.80	.87	.82	.79	.84	.81	.78	.82	.79	.77	.75
5.0	.85	.80	.76	.84	.79	.75	.82	.78	.74	.80	.76	.73	.78	.75	.73	.71
6.0	.81	.75	.71	.80	.74	.71	.78	.73	.70	.76	.72	.69	.75	.71	.69	.67
7.0	.77	.71	.67	.76	.70	.67	.74	.70	.66	.73	.69	.66	.72	.68	.65	.64
8.0	.73	.67	.63	.72	.67	.63	.71	.66	.63	.70	.65	.62	.69	.65	.62	.61
9.0	.69	.64	.60	.69	.64	.60	.68	.63	.60	.67	.62	.59	.66	.62	.59	.58
10.0	.66	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.63	.59	.56	.55



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:8.550W PF:0.8410 Lamp Flux:865.26lx1 lm								
NAME:			TYPE:			WEIGHT:		
DIM.:			SPEC.:			SERIAL No.:		
MFR.: Rayconn			SUR.:			PROTECTION ANGLE:		

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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.179	.102	.032	.171	.098	.031	.157	.090	.029	.144	.083	.027	.133	.077	.025	
2.0	.168	.092	.028	.162	.089	.028	.150	.084	.026	.139	.078	.024	.129	.073	.023	
3.0	.158	.084	.025	.153	.082	.025	.143	.077	.024	.133	.073	.022	.125	.069	.021	
4.0	.149	.078	.023	.145	.076	.022	.136	.072	.022	.127	.068	.021	.120	.065	.020	
5.0	.141	.072	.021	.137	.070	.020	.129	.067	.020	.122	.064	.019	.115	.062	.018	
6.0	.134	.067	.019	.130	.066	.019	.123	.063	.018	.117	.061	.018	.111	.058	.017	
7.0	.127	.063	.018	.124	.062	.018	.118	.060	.017	.112	.057	.017	.107	.055	.016	
8.0	.121	.059	.017	.118	.058	.016	.113	.056	.016	.107	.054	.016	.103	.053	.015	
9.0	.115	.056	.016	.113	.055	.015	.108	.053	.015	.103	.052	.015	.099	.050	.015	
10.0	.110	.053	.015	.108	.052	.015	.104	.051	.014	.099	.049	.014	.095	.048	.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	.210	.210	.210	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.191	.177	.164	.163	.152	.141	.112	.104	.098	.064	.060	.057	.021	.019	.018	
2.0	.175	.152	.133	.150	.131	.115	.103	.091	.080	.059	.053	.047	.019	.017	.015	
3.0	.163	.133	.110	.139	.115	.095	.096	.080	.067	.055	.047	.039	.018	.015	.013	
4.0	.152	.119	.093	.130	.102	.081	.090	.071	.057	.052	.042	.034	.017	.014	.011	
5.0	.143	.107	.080	.123	.093	.070	.085	.065	.049	.049	.038	.029	.016	.012	.010	
6.0	.135	.098	.071	.116	.084	.061	.080	.059	.043	.046	.035	.026	.015	.011	.009	
7.0	.128	.090	.063	.110	.078	.055	.076	.055	.039	.044	.032	.023	.014	.011	.008	
8.0	.122	.084	.057	.105	.072	.050	.073	.051	.035	.042	.030	.021	.014	.010	.007	
9.0	.117	.078	.052	.101	.068	.045	.070	.048	.032	.041	.028	.019	.013	.009	.006	
10.0	.112	.074	.048	.097	.064	.042	.067	.045	.030	.039	.027	.018	.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:226.4V I:0.0440A P:8.550W PF:0.8410 Lamp Flux:865.26lx1 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	20.6	21.5	20.9	21.7	21.9	20.4	21.3	20.7	21.5	21.7
3H	20.9	21.7	21.2	21.9	22.2	20.7	21.5	21.0	21.7	22.0
4H	21.0	21.8	21.3	22.0	22.3	20.8	21.6	21.1	21.8	22.1
6H	21.1	21.8	21.5	22.1	22.4	20.9	21.6	21.2	21.9	22.2
8H	21.2	21.9	21.5	22.2	22.5	20.9	21.6	21.3	21.9	22.2
12H	21.2	21.9	21.6	22.2	22.5	21.0	21.6	21.3	22.0	22.3
4H 2H	20.6	21.4	20.9	21.6	21.9	20.4	21.2	20.7	21.5	21.7
3H	21.0	21.7	21.3	22.0	22.3	20.8	21.5	21.1	21.8	22.1
4H	21.2	21.8	21.6	22.2	22.5	21.0	21.6	21.4	21.9	22.3
6H	21.4	22.0	21.8	22.3	22.7	21.2	21.8	21.6	22.1	22.5
8H	21.5	22.0	21.9	22.4	22.8	21.3	21.8	21.7	22.2	22.6
12H	21.6	22.1	22.1	22.5	22.9	21.4	21.9	21.8	22.3	22.7
8H 4H	21.2	21.7	21.7	22.1	22.6	21.1	21.6	21.5	22.0	22.4
6H	21.6	22.0	22.0	22.4	22.9	21.5	21.9	22.0	22.3	22.8
8H	21.7	22.1	22.2	22.5	23.0	21.7	22.1	22.2	22.5	23.0
12H	21.9	22.2	22.4	22.7	23.2	21.9	22.2	22.4	22.7	23.2
12H 4H	21.2	21.7	21.7	22.1	22.6	21.1	21.5	21.5	21.9	22.4
6H	21.6	22.0	22.1	22.4	22.9	21.5	21.9	22.0	22.3	22.8
8H	21.8	22.1	22.3	22.6	23.1	21.8	22.1	22.3	22.6	23.1
Variations with the observer position at spacings:										
S = 1.0H	+ 1.4 / - 1.6					+ 1.2 / - 1.4				
1.5H	+ 2.4 / - 1.5					+ 2.1 / - 1.3				
2.0H	+ 2.4 / - 1.0					+ 2.0 / - 1.1				

CIE Pub.117 Corrected 865.3 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.5)

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:8.550W PF:0.8410 Lamp Flux:865.26lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

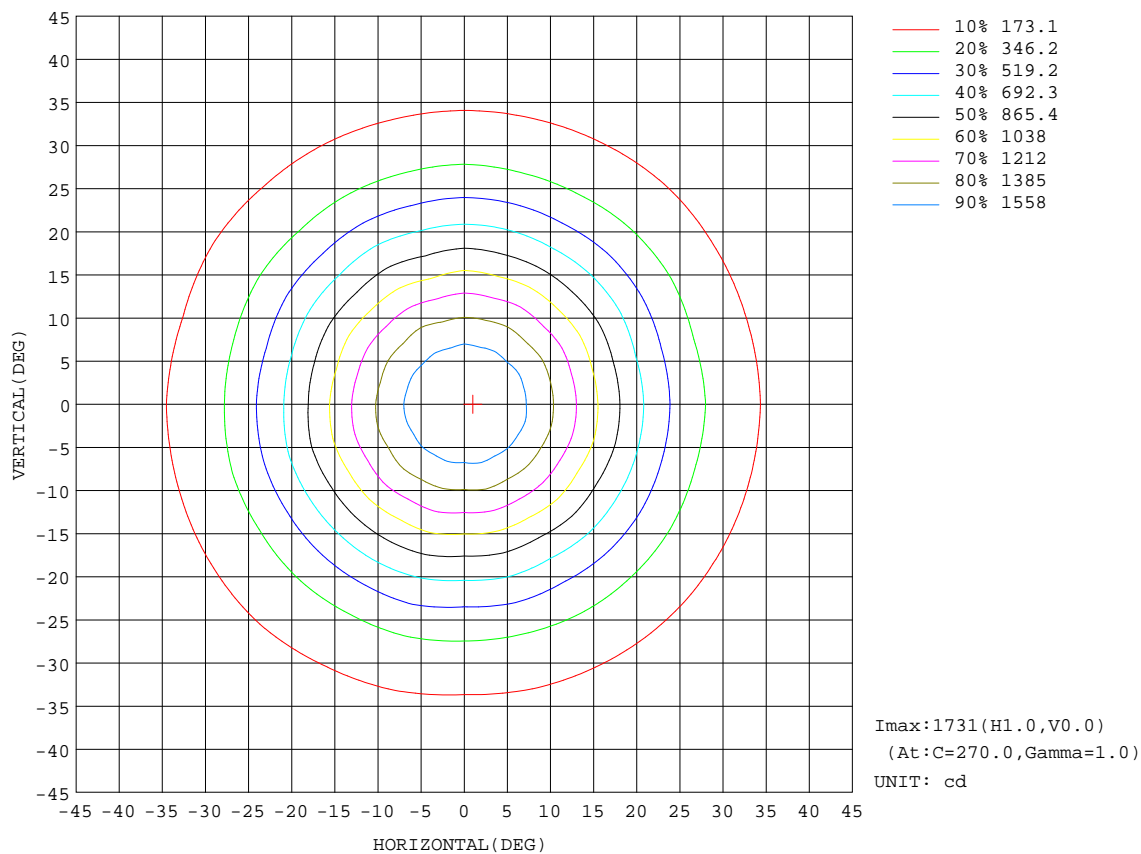
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	84	77	73	83	77	73	82	76	72	68
0.80	91	85	81	90	84	81	89	84	80	76
1.00	96	90	86	95	89	86	93	89	85	80
1.25	100	95	91	99	94	90	97	93	89	85
1.50	103	98	94	102	97	94	99	95	92	87
2.00	106	102	98	105	101	97	102	98	96	90
2.50	108	104	101	106	103	100	103	100	98	91
3.00	110	106	103	108	105	102	104	102	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:0.0440A P:8.550W PF:0.8410 Lamp Flux:865.26lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



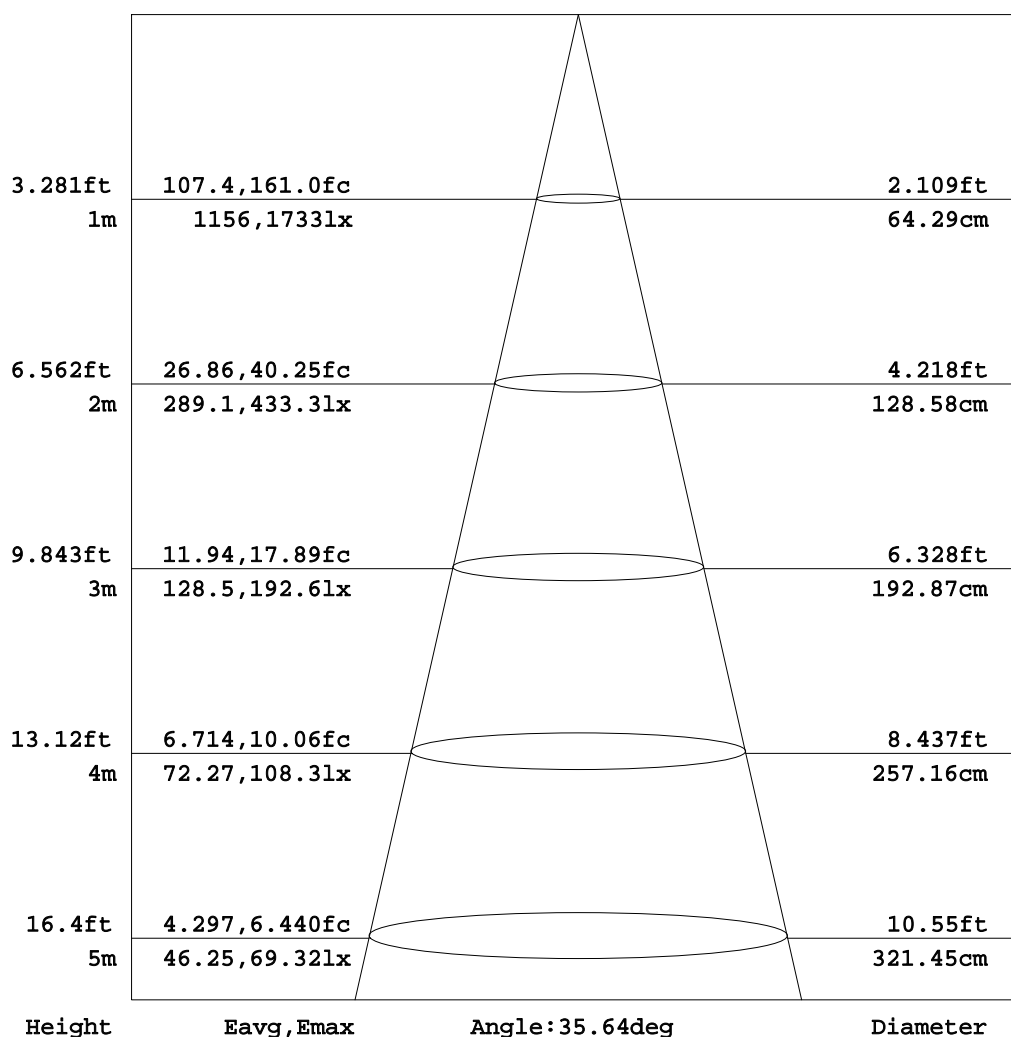
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:8.550W PF:0.8410 Lamp Flux:865.26lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:383.5 lm



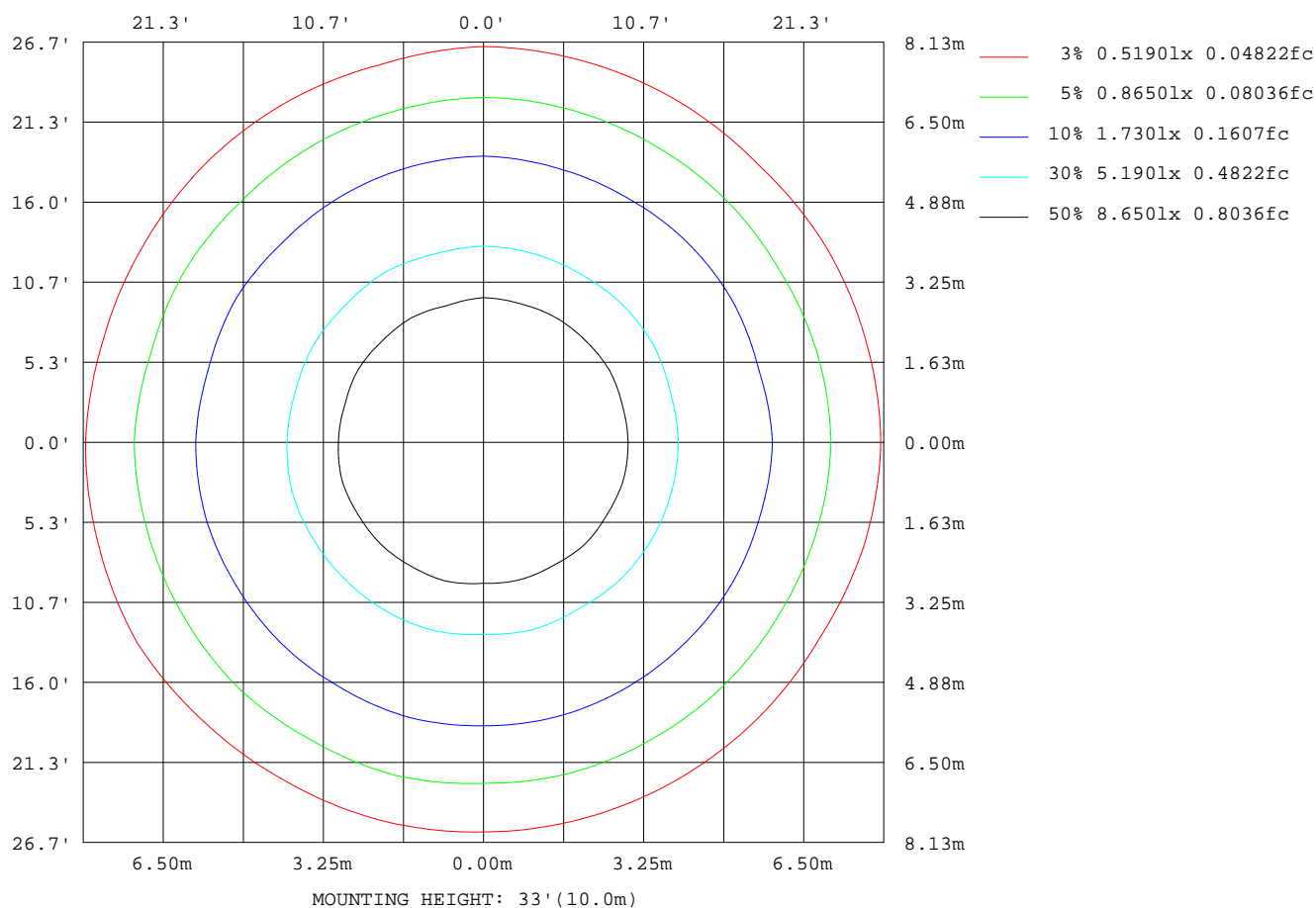
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

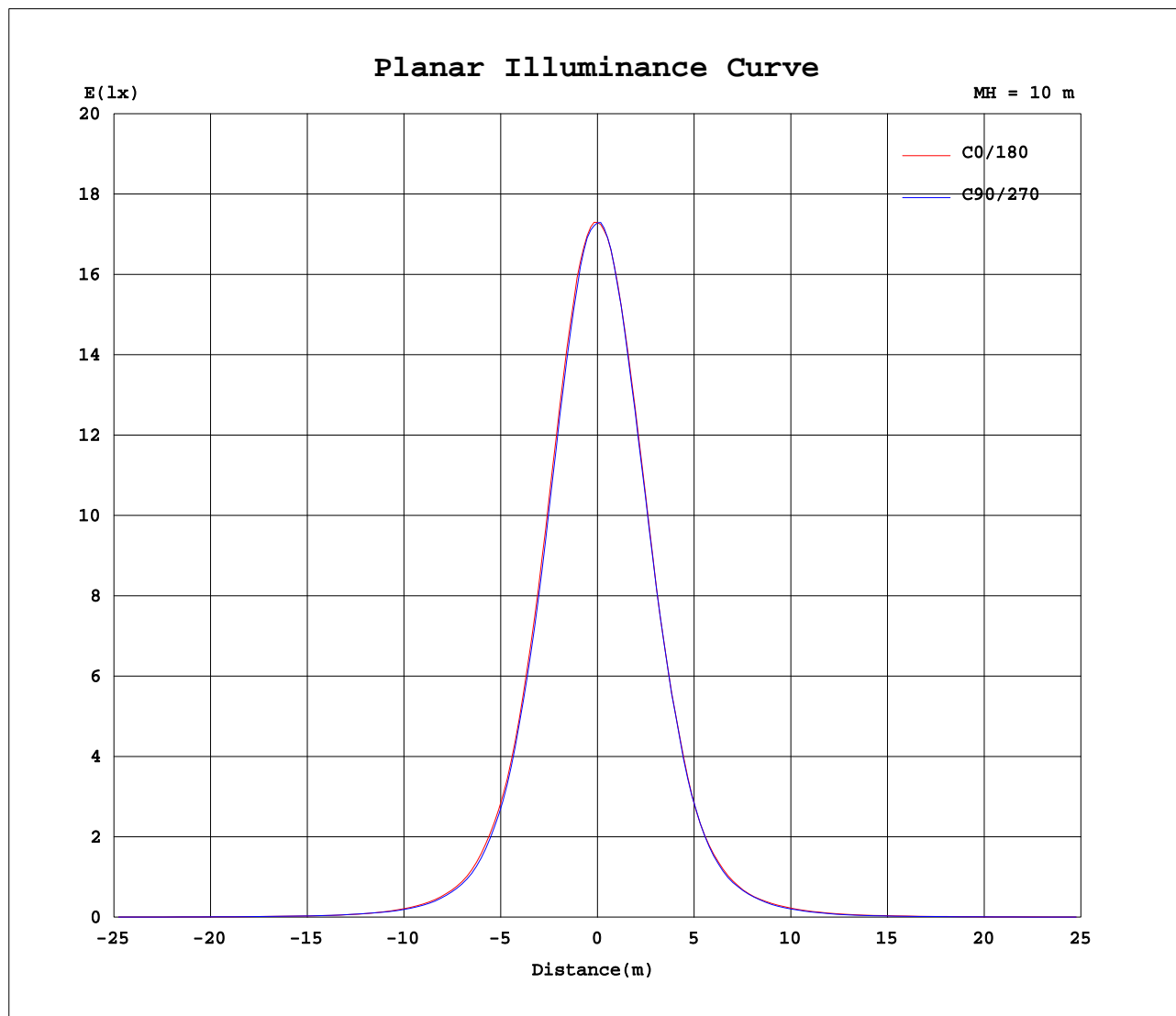
Test:U:226.4V I:0.0440A P:8.550W PF:0.8410 Lamp Flux:865.26lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:8.550W PF:0.8410 Lamp Flux:865.26lx1 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	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730	1730
5	1652	1648	1647	1648	1646	1646	1640	1644	1633	1639	1638	1644	1640	1636	1636	1627	1633	1626	1640
10	1407	1408	1398	1398	1385	1393	1379	1391	1387	1400	1391	1408	1400	1387	1395	1382	1399	1376	1390
15	1072	1078	1056	1063	1044	1052	1043	1065	1056	1074	1071	1088	1082	1064	1072	1059	1065	1041	1074
20	742	739	729	730	715	728	717	738	741	740	747	762	747	739	748	732	751	732	748
25	461	457	456	453	447	450	444	465	456	459	460	472	470	459	467	454	463	455	465
30	281	271	271	266	265	265	263	268	264	268	271	277	276	266	272	263	266	268	272
35	161	157	152	152	151	152	151	157	156	161	160	161	165	156	156	151	153	153	158
40	98.0	96.5	89.4	90.2	90.5	91.3	90.3	92.5	94.6	98.1	102	100	100	94.8	95.8	94.3	94.2	94.2	97.0
45	60.7	59.9	55.8	57.9	57.6	55.7	54.9	58.9	59.9	64.6	64.0	64.6	64.2	59.7	58.4	58.3	57.6	58.4	58.1
50	35.5	34.5	33.5	34.6	35.1	34.6	35.9	35.8	36.5	41.2	40.8	40.4	39.6	37.1	38.7	34.3	36.5	36.0	34.5
55	21.5	21.5	21.7	20.3	22.0	20.6	22.6	22.2	23.7	25.6	24.6	24.7	24.9	23.7	22.7	21.8	23.4	22.7	20.6
60	15.4	15.8	15.7	14.5	14.9	14.4	15.2	15.7	16.4	17.1	16.8	16.8	17.2	16.3	15.8	15.3	15.7	15.3	14.7
65	11.2	11.3	11.2	10.8	10.4	10.4	10.8	11.3	11.7	12.0	11.8	11.7	12.0	11.3	11.4	11.1	11.2	11.1	11.0
70	8.02	8.19	8.04	7.92	7.55	7.57	7.74	8.11	8.30	8.41	8.30	8.31	8.51	8.16	8.21	8.01	7.95	8.06	7.87
75	5.64	5.73	5.57	5.62	5.39	5.32	5.47	5.66	5.77	5.86	5.74	5.78	5.94	5.76	5.80	5.66	5.65	5.66	5.57
80	3.77	3.79	3.71	4.45	5.48	3.53	3.59	3.76	3.77	4.39	4.78	3.92	4.05	3.89	3.93	4.35	6.12	3.73	3.75
85	2.32	2.30	2.26	2.54	2.98	2.14	2.15	2.20	2.19	2.66	3.25	2.37	2.58	2.49	2.49	2.80	4.16	2.36	2.38
90	1.64	1.61	1.62	1.79	1.98	1.48	1.51	1.54	1.50	1.74	2.02	1.66	1.89	1.89	1.88	2.02	2.15	1.80	1.79
95	1.58	1.58	1.57	1.87	1.87	1.46	1.46	1.45	1.46	1.64	1.97	1.59	1.95	1.93	1.94	2.09	2.12	1.86	1.87
100	1.60	1.60	1.59	1.91	1.85	1.48	1.48	1.47	1.48	1.63	1.98	1.60	2.03	2.00	2.02	2.24	2.25	1.93	1.95
105	1.67	1.68	1.67	2.13	1.92	1.58	1.55	1.57	1.56	1.81	2.19	1.69	2.15	2.12	2.13	2.42	2.31	2.04	2.06
110	1.86	1.87	1.87	2.25	2.15	1.77	1.76	1.77	1.76	2.11	2.52	1.88	2.31	2.28	2.30	2.53	2.47	2.21	2.23
115	2.17	2.18	2.18	2.52	2.47	2.09	2.08	2.08	2.07	2.46	2.73	2.18	2.56	2.54	2.54	2.75	2.77	2.47	2.48
120	2.61	2.61	2.62	2.88	2.89	2.51	2.51	2.51	2.51	2.76	3.04	2.61	2.91	2.89	2.89	3.01	3.03	2.83	2.84
125	3.16	3.14	3.16	3.34	3.34	3.07	3.08	3.07	3.06	3.25	3.50	3.16	3.39	3.38	3.36	3.42	3.55	3.31	3.32
130	3.77	3.76	3.78	3.84	3.80	3.69	3.70	3.69	3.69	3.75	3.90	3.79	3.95	3.94	3.93	3.99	3.95	3.89	3.89
135	4.42	4.41	4.43	4.49	4.43	4.36	4.36	4.34	4.35	4.37	4.52	4.45	4.56	4.55	4.55	4.60	4.55	4.52	4.52
140	5.05	5.05	5.06	5.13	5.05	4.99	5.00	4.99	4.98	4.99	5.15	5.06	5.17	5.16	5.14	5.20	5.16	5.13	5.13
145	5.62	5.62	5.64	5.71	5.72	5.57	5.58	5.57	5.56	5.57	5.75	5.64	5.71	5.70	5.69	5.74	5.69	5.68	5.68
150	6.06	6.07	6.08	6.16	6.24	6.03	6.05	6.03	6.00	6.05	6.16	6.08	6.15	6.12	6.12	6.22	6.25	6.10	6.11
155	6.35	6.36	6.37	6.39	6.33	6.32	6.34	6.32	6.33	6.38	6.60	6.39	6.43	6.40	6.42	6.57	6.59	6.40	6.41
160	6.49	6.50	6.50	6.50	6.49	6.49	6.50	6.50	6.49	6.48	6.49	6.50	6.57	6.55	6.57	6.56	6.57	6.55	6.58
165	6.53	6.54	6.54	6.53	6.54	6.53	6.54	6.54	6.53	6.52	6.53	6.54	6.60	6.60	6.60	6.60	6.61	6.60	6.62
170	6.55	6.55	6.55	6.54	6.55	6.54	6.55	6.54	6.53	6.53	6.54	6.54	6.60	6.59	6.60	6.60	6.60	6.59	6.61
175	6.58	6.59	6.59	6.59	6.58	6.58	6.57	6.58	6.58	6.57	6.59	6.58	6.62	6.63	6.61	6.62	6.62	6.61	6.64
180	6.69	6.69	6.70	6.68	6.69	6.68	6.68	6.69	6.69	6.68	6.70	6.70	6.69	6.69	6.69	6.69	6.69	6.68	6.69

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:8.550W PF:0.8410 Lamp Flux:865.26lx1 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	1730	1730	1730	1730	1730													
5	1638	1640	1631	1651	1647													
10	1388	1401	1391	1410	1406													
15	1060	1074	1066	1076	1063													
20	739	734	740	749	728													
25	459	453	465	464	453													
30	265	263	269	273	266													
35	155	153	153	153	158													
40	94.8	95.0	92.8	95.9	96.4													
45	59.2	58.4	58.0	57.6	61.2													
50	35.7	34.2	33.5	35.2	35.1													
55	20.9	20.8	21.0	21.5	21.3													
60	14.5	14.6	14.3	14.8	14.9													
65	10.5	10.8	10.6	10.6	10.7													
70	7.73	7.81	7.69	7.83	7.72													
75	5.56	5.53	5.66	5.68	5.52													
80	3.75	3.72	4.78	5.60	3.80													
85	2.39	2.36	3.24	3.92	2.49													
90	1.81	1.81	2.04	2.39	1.94													
95	1.86	1.87	2.09	2.49	1.97													
100	1.93	1.96	2.15	2.50	2.06													
105	2.05	2.07	2.33	2.68	2.18													
110	2.23	2.24	2.58	2.93	2.36													
115	2.48	2.50	2.80	3.12	2.61													
120	2.85	2.86	3.07	3.32	2.98													
125	3.34	3.34	3.45	3.73	3.45													
130	3.91	3.90	3.96	4.10	4.02													
135	4.53	4.53	4.56	4.69	4.63													
140	5.14	5.14	5.16	5.28	5.23													
145	5.68	5.68	5.73	5.85	5.76													
150	6.12	6.12	6.19	6.30	6.17													
155	6.42	6.42	6.49	6.60	6.45													
160	6.58	6.58	6.56	6.58	6.57													
165	6.62	6.61	6.60	6.60	6.61													
170	6.62	6.61	6.60	6.60	6.60													
175	6.64	6.64	6.63	6.64	6.64													
180	6.70	6.69	6.68	6.70	6.71													

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: