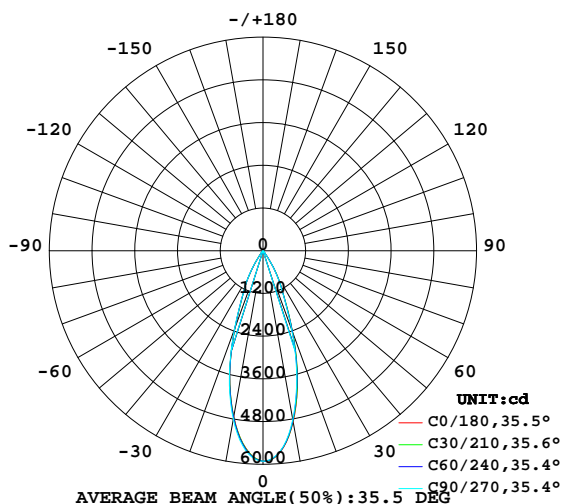


LUMINAIRE PHOTOMETRIC TEST REPORT

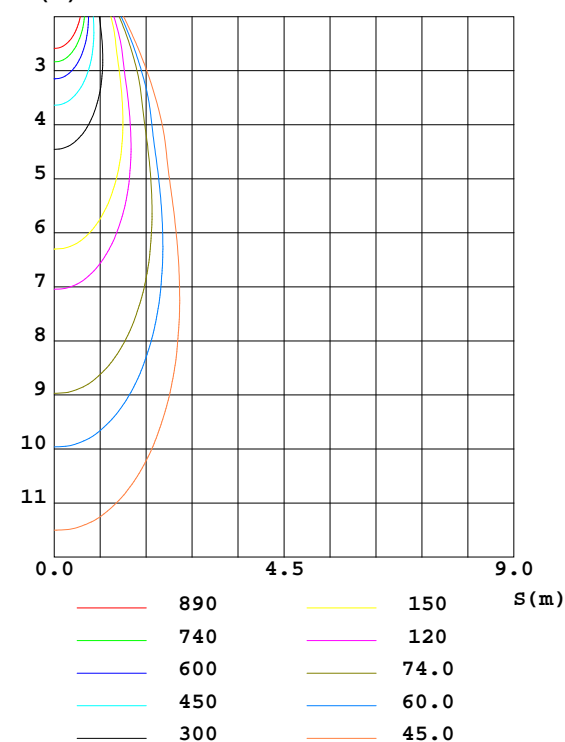
Test:U:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:2498.06x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 91.84 lm/W			
MODEL	TL30-30W-827-B-36	Imax(cd)	5916	S/MH(C0/180)	0.58
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.58
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2498.1	η UP,DN(C0-180)	1.2,49.2
NOMINAL FLUX(lm)	2498.06	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.2
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.5	η down(%)	97.4	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	4883	4888	4816	4790	4730	4710	4804	4843	0- 10	510.8	510.8	20.4,20.4
20	2430	2479	2364	2375	2317	2254	2348	2335	10- 20	993.4	1504	60.2,60.2
30	775.2	794.7	753.9	780.8	736.7	723.1	756.6	753.7	20- 30	636.6	2141	85.7,85.7
40	89.07	92.47	86.61	88.08	86.91	87.39	87.45	93.43	30- 40	185.5	2326	93.1,93.1
50	40.59	41.35	40.08	40.28	39.56	39.37	40.00	40.55	40- 50	45.91	2372	95,95
60	22.67	22.78	22.35	22.57	22.24	21.88	22.43	22.37	50- 60	27.25	2399	96.1,96.1
70	13.20	13.35	13.09	13.22	12.79	12.79	13.11	13.04	60- 70	17.07	2417	96.7,96.7
80	6.809	7.040	6.848	6.785	6.798	6.823	6.932	6.979	70- 80	10.43	2427	97.2,97.2
90	4.722	4.688	4.699	4.664	5.732	5.715	5.707	5.710	80- 90	5.953	2433	97.4,97.4
100	4.393	4.378	4.385	4.379	5.985	5.974	5.965	5.968	90-100	5.640	2439	97.6,97.6
110	5.048	5.023	5.064	5.075	6.658	6.662	6.630	6.646	100-110	5.734	2444	97.8,97.8
120	7.356	7.272	7.397	7.390	8.544	8.581	8.480	8.490	110-120	6.691	2451	98.1,98.1
130	11.16	11.09	11.24	11.25	11.98	12.03	11.89	11.88	120-130	8.626	2460	98.5,98.5
140	15.48	15.43	15.56	15.58	16.05	16.10	15.97	15.96	130-140	10.55	2470	98.9,98.9
150	18.90	18.88	18.96	18.97	19.30	19.33	19.25	19.25	140-150	10.99	2481	99.3,99.3
160	20.30	20.32	20.31	20.32	20.56	20.53	20.53	20.52	150-160	9.211	2490	99.7,99.7
170	20.11	20.12	20.09	20.06	20.31	20.26	20.27	20.30	160-170	5.778	2496	99.9,99.9
180	20.44	20.45	20.43	20.44	20.48	20.43	20.43	20.44	170-180	1.926	2498	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

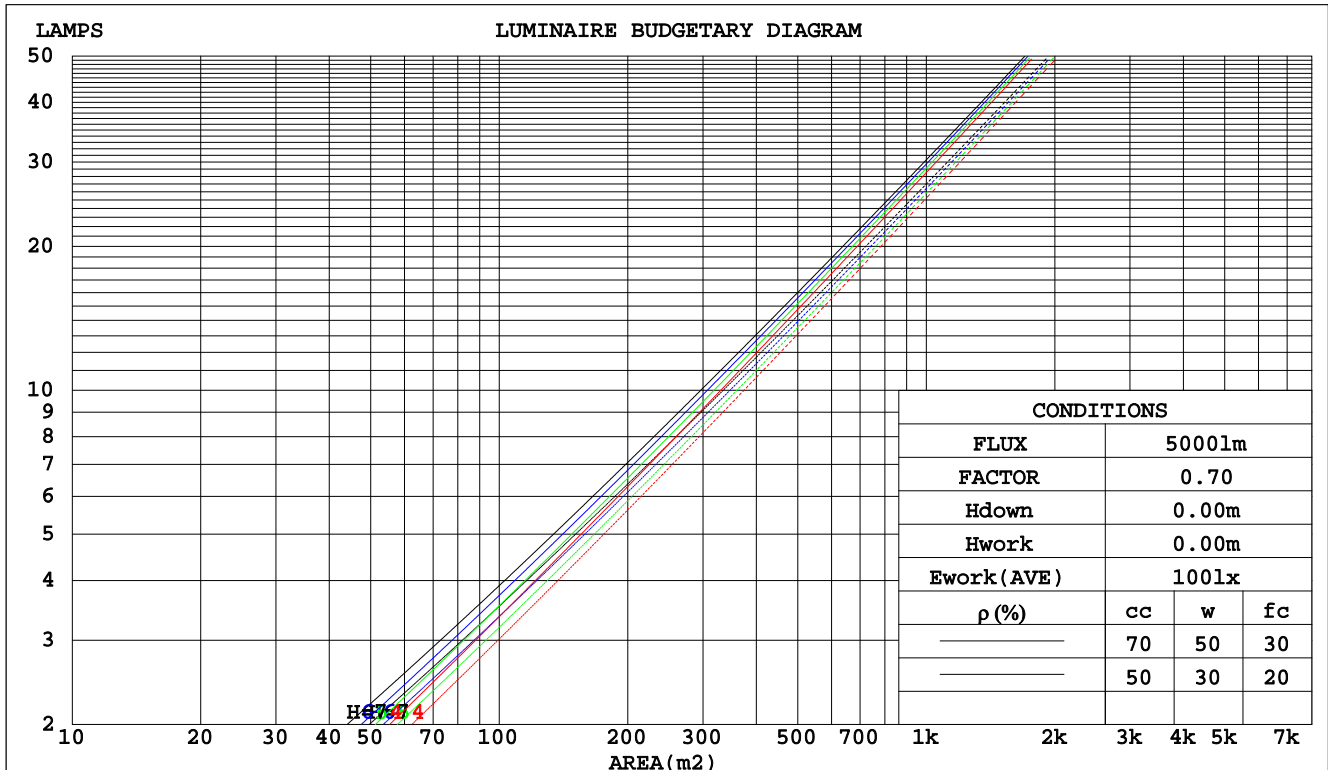
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:0.1250A P:27.20W PF:0.9590 Lamp Flux:2498.06x1 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	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.11	1.09	1.07	1.09	1.06	1.05	1.04	1.02	1.01	.00	.99	.98	.96	.95	.94	.92
2.0	1.04	1.01	.98	1.02	.99	.96	.99	.96	.94	.96	.93	.92	.92	.91	.89	.88
3.0	.99	.94	.91	.97	.93	.90	.94	.91	.88	.91	.89	.86	.89	.87	.85	.83
4.0	.93	.89	.85	.92	.88	.84	.90	.86	.83	.88	.84	.82	.85	.83	.81	.79
5.0	.89	.84	.80	.88	.83	.80	.86	.82	.79	.84	.81	.78	.82	.79	.77	.76
6.0	.85	.80	.76	.84	.79	.76	.82	.78	.75	.81	.77	.74	.79	.76	.74	.72
7.0	.81	.76	.72	.80	.75	.72	.79	.75	.71	.77	.74	.71	.76	.73	.70	.69
8.0	.78	.72	.69	.77	.72	.69	.76	.71	.68	.74	.71	.68	.73	.70	.68	.66
9.0	.74	.69	.66	.74	.69	.66	.73	.68	.66	.72	.68	.65	.71	.67	.65	.64
10.0	.71	.67	.63	.71	.66	.63	.70	.66	.63	.69	.65	.63	.68	.65	.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:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:2498.06x1 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	.163	.093	.029	.156	.089	.028	.142	.081	.026	.129	.074	.024	.117	.068	.022		
2.0	.152	.084	.026	.146	.080	.025	.134	.075	.023	.123	.069	.022	.113	.064	.020		
3.0	.143	.076	.023	.137	.074	.022	.127	.069	.021	.118	.065	.020	.109	.061	.019		
4.0	.134	.070	.021	.130	.068	.020	.121	.064	.019	.113	.061	.018	.106	.057	.017		
5.0	.127	.065	.019	.123	.063	.018	.116	.060	.018	.108	.057	.017	.102	.054	.016		
6.0	.121	.060	.017	.117	.059	.017	.110	.057	.016	.104	.054	.016	.098	.052	.015		
7.0	.115	.057	.016	.112	.056	.016	.106	.053	.015	.100	.051	.015	.095	.049	.014		
8.0	.110	.054	.015	.107	.053	.015	.101	.051	.014	.096	.049	.014	.092	.047	.014		
9.0	.105	.051	.014	.102	.050	.014	.097	.048	.014	.093	.047	.013	.089	.045	.013		
10.0	.100	.048	.013	.098	.047	.013	.094	.046	.013	.090	.045	.013	.086	.043	.012		

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	.180	.180	.180	.123	.123	.123	.070	.070	.070	.023	.023	.023		
1.0	.190	.177	.166	.163	.152	.143	.111	.105	.099	.064	.061	.057	.021	.020	.019		
2.0	.174	.153	.135	.149	.131	.117	.102	.091	.081	.059	.053	.048	.019	.017	.016		
3.0	.160	.134	.113	.137	.115	.098	.094	.080	.068	.054	.047	.040	.018	.015	.013		
4.0	.149	.119	.096	.128	.103	.083	.088	.072	.059	.051	.042	.035	.016	.014	.011		
5.0	.139	.107	.083	.120	.093	.072	.082	.065	.051	.048	.038	.030	.015	.012	.010		
6.0	.131	.097	.073	.113	.084	.064	.078	.059	.045	.045	.035	.027	.015	.011	.009		
7.0	.124	.090	.065	.107	.078	.057	.074	.054	.040	.043	.032	.024	.014	.010	.008		
8.0	.118	.083	.059	.102	.072	.051	.070	.051	.036	.041	.030	.022	.013	.010	.007		
9.0	.113	.078	.054	.097	.067	.047	.067	.047	.033	.039	.028	.020	.013	.009	.007		
10.0	.108	.073	.050	.093	.064	.044	.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:0.1250A P:27.20W PF:0.9590 Lamp Flux:2498.06x1 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		16.5	17.3	16.8	17.5	17.7	16.3	17.1	16.6	17.3	17.5
3H		16.8	17.5	17.1	17.7	18.0	16.6	17.3	16.9	17.5	17.8
4H		16.9	17.6	17.2	17.9	18.1	16.7	17.4	17.1	17.7	18.0
6H		17.1	17.7	17.4	18.0	18.3	16.9	17.6	17.3	17.9	18.1
8H		17.2	17.8	17.5	18.1	18.4	17.0	17.6	17.3	17.9	18.2
12H		17.2	17.8	17.6	18.2	18.5	17.1	17.7	17.4	18.0	18.3
4H 2H		16.5	17.2	16.8	17.4	17.7	16.3	17.0	16.6	17.2	17.5
3H		16.9	17.5	17.2	17.8	18.1	16.7	17.3	17.1	17.6	17.9
4H		17.1	17.7	17.5	18.0	18.4	17.0	17.5	17.4	17.9	18.2
6H		17.4	17.9	17.8	18.3	18.7	17.3	17.8	17.7	18.1	18.5
8H		17.5	18.0	18.0	18.4	18.8	17.4	17.8	17.8	18.2	18.7
12H		17.7	18.1	18.2	18.5	19.0	17.6	18.0	18.0	18.4	18.8
8H 4H		17.2	17.6	17.6	18.0	18.4	17.0	17.5	17.5	17.9	18.3
6H		17.6	17.9	18.0	18.4	18.9	17.4	17.8	17.9	18.3	18.7
8H		17.8	18.1	18.3	18.6	19.1	17.6	18.0	18.1	18.4	18.9
12H		18.1	18.3	18.6	18.8	19.3	17.9	18.2	18.4	18.7	19.2
12H 4H		17.2	17.6	17.6	18.0	18.4	17.0	17.4	17.5	17.8	18.3
6H		17.6	17.9	18.1	18.4	18.9	17.5	17.8	17.9	18.3	18.7
8H		17.8	18.1	18.3	18.6	19.1	17.7	18.0	18.2	18.5	19.0
Variations with the observer position at spacings:											
S = 1.0H		+ 0.6 / - 0.7					+ 0.7 / - 0.7				
1.5H		+ 1.2 / - 0.5					+ 1.2 / - 0.5				
2.0H		+ 0.8 / - 0.5					+ 0.7 / - 0.5				

CIE Pub.117 Corrected 2498 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.2)

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:0.1250A P:27.20W PF:0.9590 Lamp Flux:2498.06x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

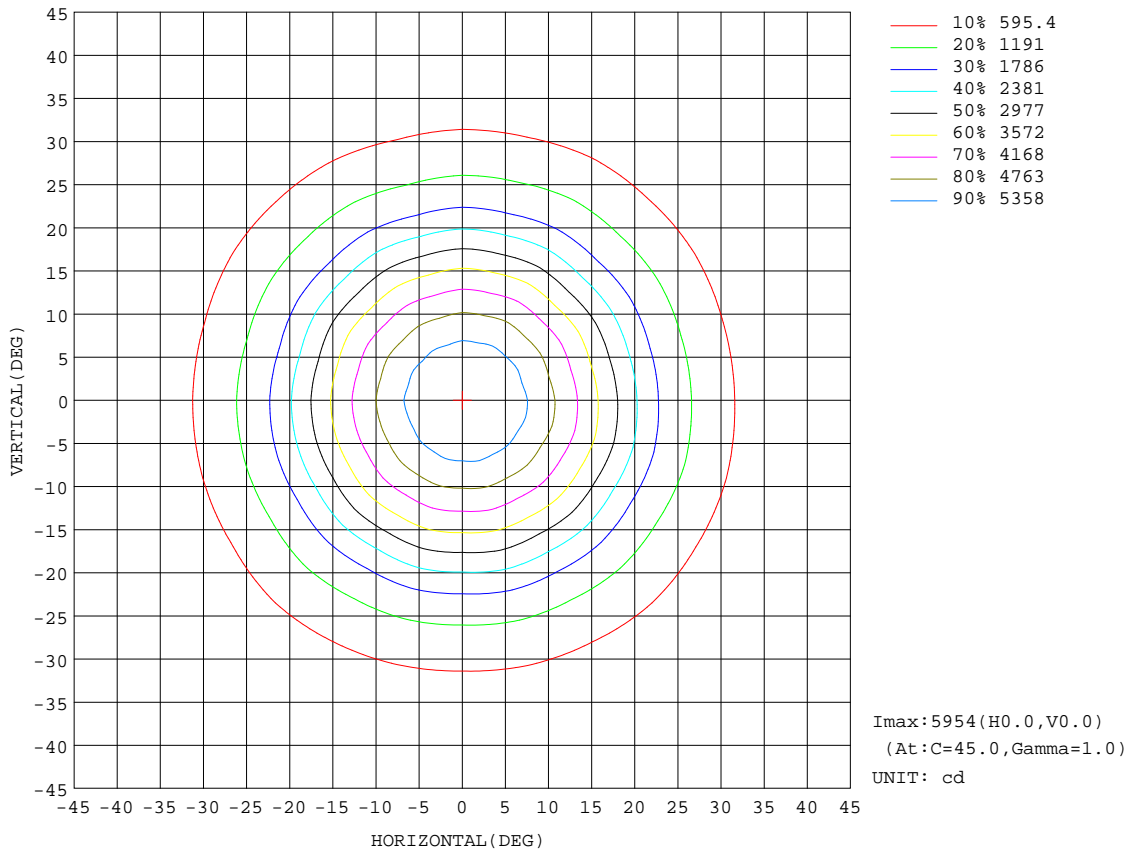
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	74
0.80	95	89	85	94	88	85	92	88	84	81
1.00	99	93	90	98	93	89	96	92	88	84
1.25	102	97	94	101	97	93	99	95	92	88
1.50	105	100	97	104	100	96	101	98	95	90
2.00	108	103	100	106	102	99	103	100	98	92
2.50	109	106	103	108	104	101	104	101	99	93
3.00	111	108	105	109	106	103	105	103	101	94
4.00	113	110	108	111	108	106	107	105	103	95
5.00	114	112	110	112	110	108	108	106	105	96
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:0.1250A P:27.20W PF:0.9590 Lamp Flux:2498.06x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

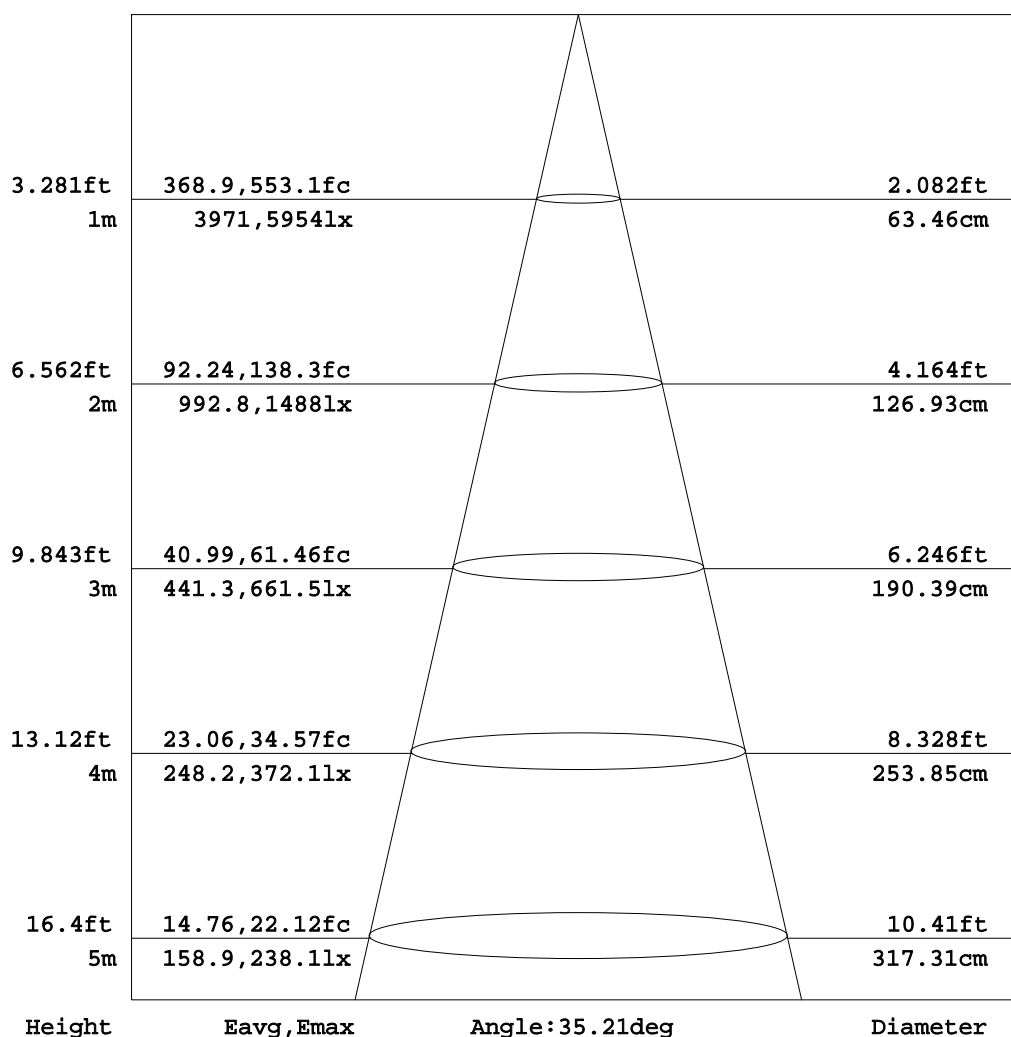


C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Temperature:25.3DEG	Humidity:65.0%
Operators:ZhangXiao	Test Distance:6.590m [K=1.0000]
Test Date:2015-12-07	Remarks:

AAI Figure

Test:U:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:2498.06x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:1317 lm



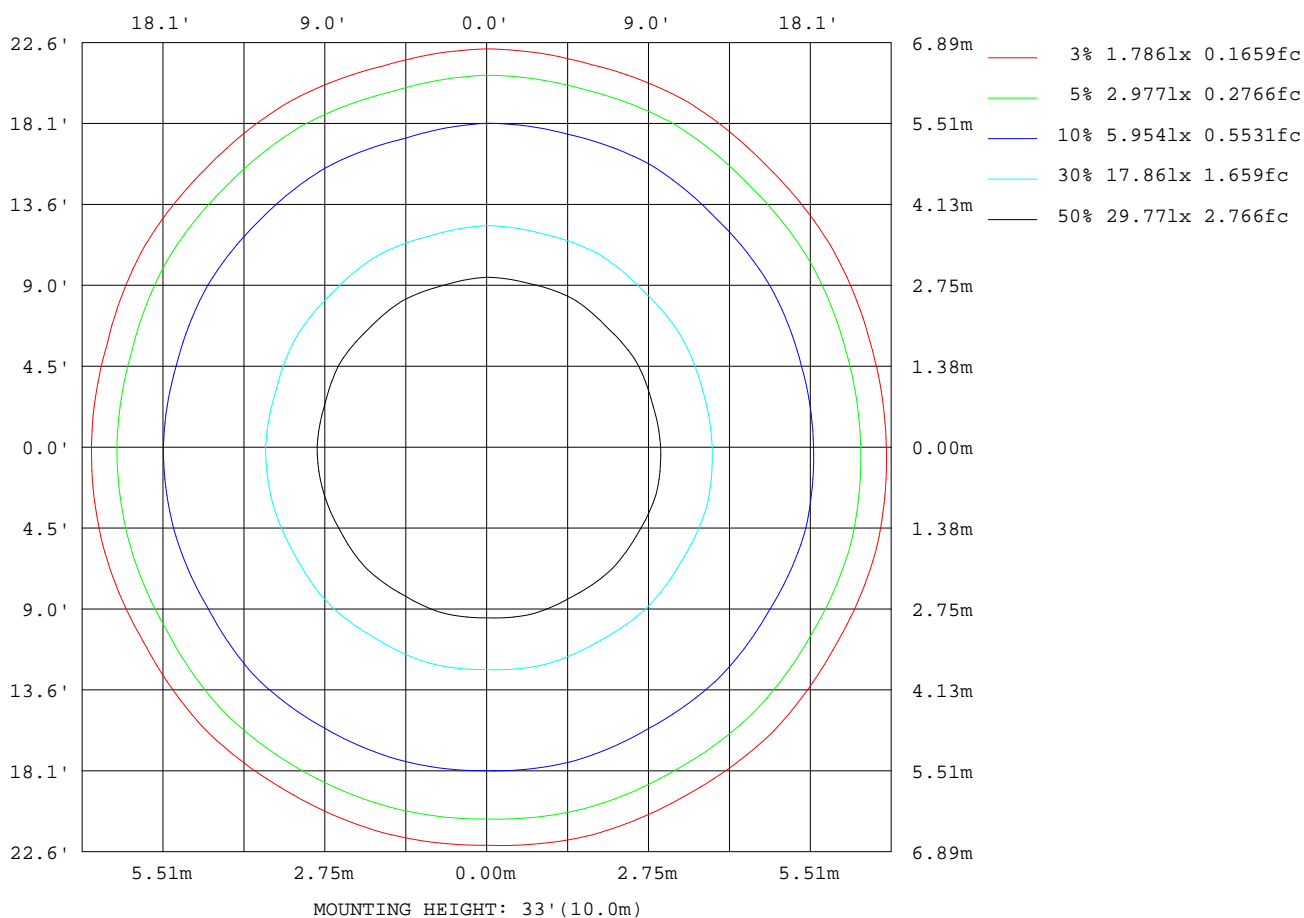
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

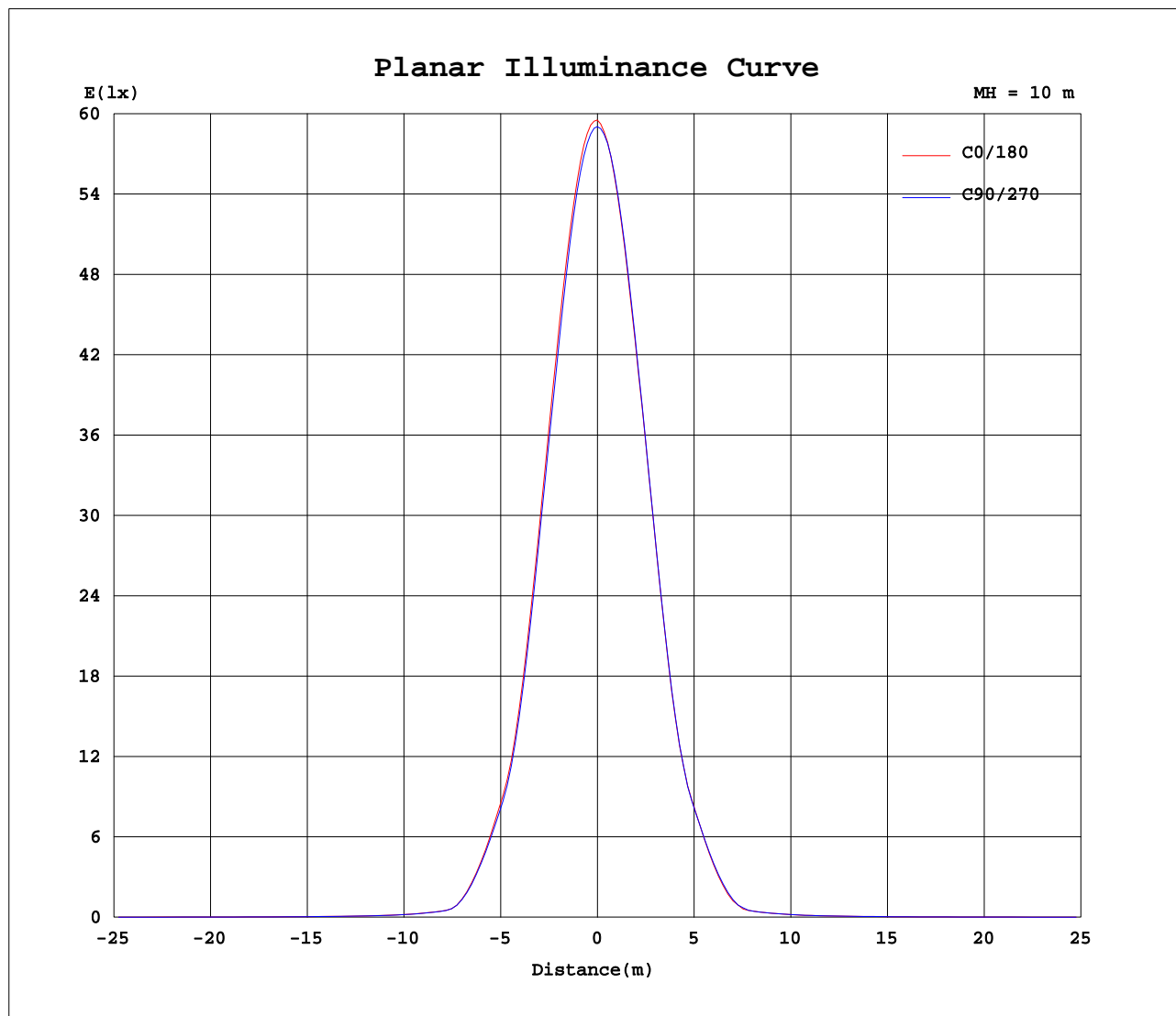
Test:U:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:2498.06x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.1250A P:27.20W PF:0.9590 Lamp Flux:2498.06x1 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	5914	5914	5914	5914	5914	5914	5914	5914	5914	5914	5914	5914	5914	5914	5914	5914	5914	5914	5914
5	5671	5687	5656	5674	5653	5663	5638	5639	5608	5612	5582	5585	5566	5546	5573	5559	5597	5586	5629
10	4883	4913	4862	4888	4843	4862	4816	4830	4782	4790	4739	4745	4730	4701	4741	4710	4757	4739	4804
15	3737	3794	3745	3773	3704	3724	3667	3697	3639	3671	3608	3634	3613	3562	3615	3562	3617	3577	3653
20	2430	2502	2441	2479	2408	2437	2364	2401	2329	2375	2306	2337	2317	2245	2302	2254	2318	2270	2348
25	1369	1402	1364	1379	1343	1358	1324	1338	1316	1342	1305	1320	1309	1280	1300	1283	1302	1273	1317
30	775	808	776	795	762	777	754	769	764	781	731	749	737	715	737	723	738	708	757
35	245	265	257	276	259	263	240	247	236	244	222	231	223	212	234	229	242	225	242
40	89.1	90.3	89.9	92.5	89.4	89.6	86.6	87.5	86.2	88.1	87.2	88.1	86.9	86.2	88.4	87.4	88.0	86.3	87.4
45	58.5	59.3	58.6	59.5	57.7	58.0	56.5	57.0	56.1	57.2	56.8	57.6	56.9	56.4	57.6	57.0	57.7	56.9	58.2
50	40.6	41.1	41.0	41.3	40.5	40.6	40.1	40.3	39.9	40.3	40.0	40.2	39.6	39.4	39.8	39.4	39.6	39.3	40.0
55	30.5	30.9	30.7	30.8	30.2	30.3	30.0	30.2	30.0	30.3	30.1	30.4	29.8	29.6	29.8	29.4	29.7	29.5	30.0
60	22.7	23.0	22.7	22.8	22.4	22.6	22.4	22.5	22.3	22.6	22.5	22.8	22.2	22.0	22.1	21.9	22.1	22.0	22.4
65	17.2	17.4	17.2	17.3	17.0	17.2	17.0	17.1	16.9	17.1	17.1	17.2	16.7	16.6	16.6	16.5	16.8	16.7	17.0
70	13.2	13.4	13.3	13.4	13.2	13.2	13.1	13.2	13.1	13.2	13.1	13.2	12.8	12.7	12.8	12.8	12.9	12.9	13.1
75	9.87	10.0	10.0	10.1	9.96	10.0	9.91	9.97	9.86	9.94	9.75	9.76	9.62	9.57	9.70	9.68	9.73	9.67	9.84
80	6.81	6.96	6.95	7.04	6.93	6.97	6.85	6.89	6.75	6.78	6.61	6.64	6.80	6.74	6.82	6.82	6.90	6.85	6.93
85	4.95	4.92	4.94	4.91	4.93	4.90	4.93	4.89	4.92	4.89	4.92	4.89	5.56	5.55	5.55	5.55	5.54	5.54	5.53
90	4.72	4.70	4.72	4.69	4.71	4.68	4.70	4.67	4.69	4.66	4.69	4.66	5.73	5.72	5.72	5.72	5.71	5.70	5.71
95	4.50	4.48	4.50	4.47	4.49	4.46	4.48	4.45	4.48	4.45	4.48	4.44	5.86	5.85	5.85	5.85	5.84	5.84	5.84
100	4.39	4.39	4.39	4.38	4.39	4.39	4.39	4.37	4.39	4.38	4.39	4.38	5.98	5.98	5.98	5.97	5.97	5.97	5.96
105	4.53	4.54	4.53	4.54	4.53	4.53	4.55	4.54	4.55	4.55	4.56	4.56	6.23	6.23	6.22	6.22	6.21	6.21	6.20
110	5.05	5.03	5.04	5.02	5.05	5.03	5.06	5.05	5.09	5.07	5.11	5.09	6.66	6.66	6.67	6.65	6.66	6.64	6.63
115	5.98	5.93	5.97	5.92	5.98	5.94	6.01	5.98	6.04	6.01	6.08	6.03	7.40	7.42	7.39	7.41	7.37	7.40	7.35
120	7.36	7.28	7.34	7.27	7.36	7.30	7.40	7.34	7.44	7.39	7.49	7.43	8.54	8.59	8.54	8.58	8.51	8.55	8.48
125	9.12	9.03	9.10	9.03	9.13	9.06	9.18	9.11	9.23	9.17	9.29	9.22	10.1	10.2	10.1	10.1	10.1	10.1	10.0
130	11.2	11.1	11.2	11.1	11.2	11.1	11.2	11.2	11.3	11.3	11.4	11.3	12.0	12.0	12.0	12.0	11.9	12.0	11.9
135	13.4	13.3	13.3	13.3	13.4	13.3	13.4	13.4	13.5	13.5	13.6	13.5	14.0	14.1	14.0	14.1	14.0	14.0	13.9
140	15.5	15.4	15.5	15.4	15.5	15.5	15.6	15.5	15.6	15.6	15.7	15.6	16.1	16.1	16.0	16.1	16.0	16.1	16.0
145	17.4	17.4	17.4	17.4	17.4	17.4	17.5	17.4	17.5	17.5	17.6	17.5	17.9	17.9	17.9	17.9	17.8	17.9	17.8
150	18.9	18.9	18.9	18.9	18.9	18.9	19.0	18.9	19.0	19.0	19.0	19.0	19.3	19.3	19.3	19.3	19.3	19.3	19.3
155	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	20.0	19.9	20.2	20.2	20.2	20.2	20.2	20.2	20.2
160	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.6	20.5	20.5	20.5	20.5	20.5	20.5
165	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.5	20.5	20.5	20.5	20.5	20.5	20.5
170	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.3	20.3	20.3	20.3	20.3	20.3	20.3
175	20.1	20.2	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.3	20.2	20.2	20.2	20.2	20.2	20.2
180	20.4	20.5	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.5	20.4	20.4	20.4	20.4	20.4	20.4

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:2498.06x1 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	5914	5914	5914	5914	5914														
5	5627	5664	5661	5681	5659														
10	4800	4868	4843	4890	4857														
15	3636	3709	3661	3734	3696														
20	2317	2391	2335	2406	2391														
25	1313	1355	1335	1369	1358														
30	748	784	754	776	764														
35	233	251	234	245	235														
40	88.2	92.7	93.4	92.7	89.4														
45	58.2	60.1	59.6	60.0	58.5														
50	40.0	40.8	40.6	41.0	40.5														
55	30.0	30.4	30.1	30.5	30.3														
60	22.4	22.6	22.4	22.6	22.5														
65	17.0	17.2	16.9	17.1	17.0														
70	13.1	13.2	13.0	13.1	13.1														
75	9.81	9.93	9.82	9.84	9.81														
80	6.91	7.01	6.98	7.03	7.00														
85	5.53	5.53	5.53	5.54	5.54														
90	5.70	5.71	5.71	5.71	5.71														
95	5.83	5.84	5.84	5.85	5.84														
100	5.96	5.96	5.97	5.97	5.97														
105	6.21	6.20	6.21	6.20	6.20														
110	6.65	6.62	6.65	6.61	6.63														
115	7.37	7.33	7.36	7.32	7.34														
120	8.52	8.45	8.49	8.43	8.46														
125	10.1	9.97	10.0	9.93	9.99														
130	11.9	11.8	11.9	11.8	11.8														
135	14.0	13.9	13.9	13.8	13.9														
140	16.0	15.9	16.0	15.9	15.9														
145	17.8	17.8	17.8	17.7	17.8														
150	19.3	19.2	19.2	19.2	19.2														
155	20.2	20.1	20.1	20.1	20.1														
160	20.5	20.5	20.5	20.5	20.5														
165	20.5	20.5	20.5	20.5	20.5														
170	20.3	20.3	20.3	20.3	20.3														
175	20.2	20.2	20.3	20.3	20.3														
180	20.4	20.4	20.4	20.4	20.4														

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: