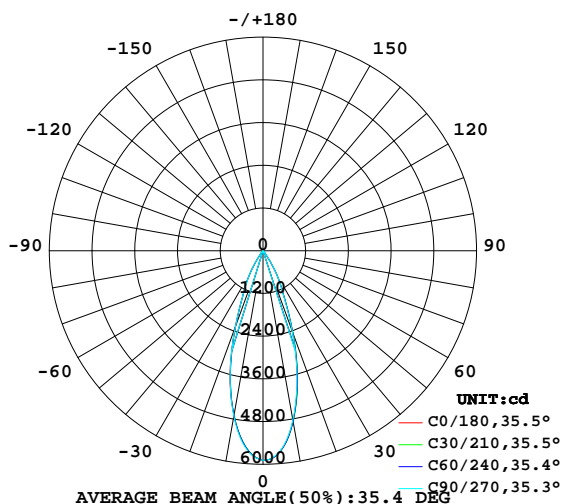


LUMINAIRE PHOTOMETRIC TEST REPORT

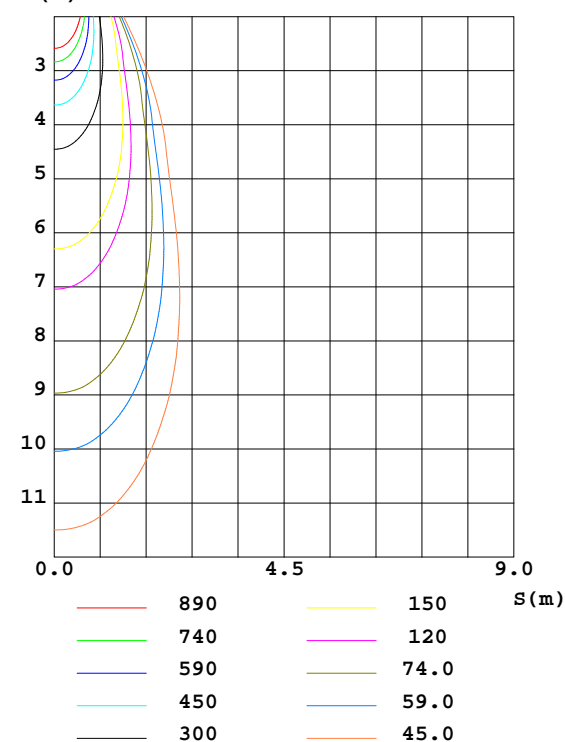
Test:U:226.5V I:0.1240A P:27.00W PF:0.9590 Lamp Flux:2480.32x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 91.86 lm/W			
MODEL	TL30-30W-830-B-36	Imax(cd)	5889	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)	2480.3	η UP,DN(C0-180)	1.2,49.8
NOMINAL FLUX(lm)	2480.32	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,47.6
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	4860	4907	4834	4785	4702	4651	4719	4778	0- 10	508.1	508.1	20.5,20.5
20	2422	2520	2413	2398	2289	2191	2271	2284	10- 20	987.3	1495	60.3,60.3
30	774.4	808.9	765.6	788.0	723.6	695.4	712.9	729.7	20- 30	632.0	2127	85.8,85.8
40	86.60	86.56	82.55	84.83	85.36	87.53	87.72	90.58	30- 40	182.0	2309	93.1,93.1
50	40.85	41.66	40.42	40.47	39.56	39.51	39.92	40.70	40- 50	45.24	2355	94.9,94.9
60	22.89	23.21	22.71	22.81	22.39	22.05	22.42	22.56	50- 60	27.43	2382	96,96
70	13.32	13.56	13.34	13.44	12.95	12.83	13.17	13.20	60- 70	17.26	2399	96.7,96.7
80	6.738	6.977	6.836	6.781	6.678	6.695	6.774	6.873	70- 80	10.46	2410	97.2,97.2
90	4.682	4.665	4.674	4.631	5.697	5.678	5.671	5.665	80- 90	5.899	2416	97.4,97.4
100	4.356	4.353	4.351	4.355	5.947	5.930	5.924	5.919	90-100	5.601	2421	97.6,97.6
110	5.004	4.970	4.993	5.015	6.613	6.627	6.585	6.586	100-110	5.688	2427	97.8,97.8
120	7.286	7.173	7.266	7.281	8.492	8.557	8.466	8.449	110-120	6.633	2434	98.1,98.1
130	11.07	10.94	11.05	11.11	11.91	12.00	11.88	11.83	120-130	8.556	2442	98.5,98.5
140	15.36	15.26	15.35	15.42	15.95	16.05	15.94	15.89	130-140	10.47	2453	98.9,98.9
150	18.76	18.72	18.76	18.80	19.19	19.23	19.15	19.14	140-150	10.91	2464	99.3,99.3
160	20.15	20.17	20.14	20.15	20.44	20.38	20.37	20.37	150-160	9.143	2473	99.7,99.7
170	19.97	20.00	19.92	19.89	20.19	20.10	20.09	20.11	160-170	5.733	2478	99.9,99.9
180	20.31	20.32	20.25	20.26	20.38	20.30	20.27	20.26	170-180	1.911	2480	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

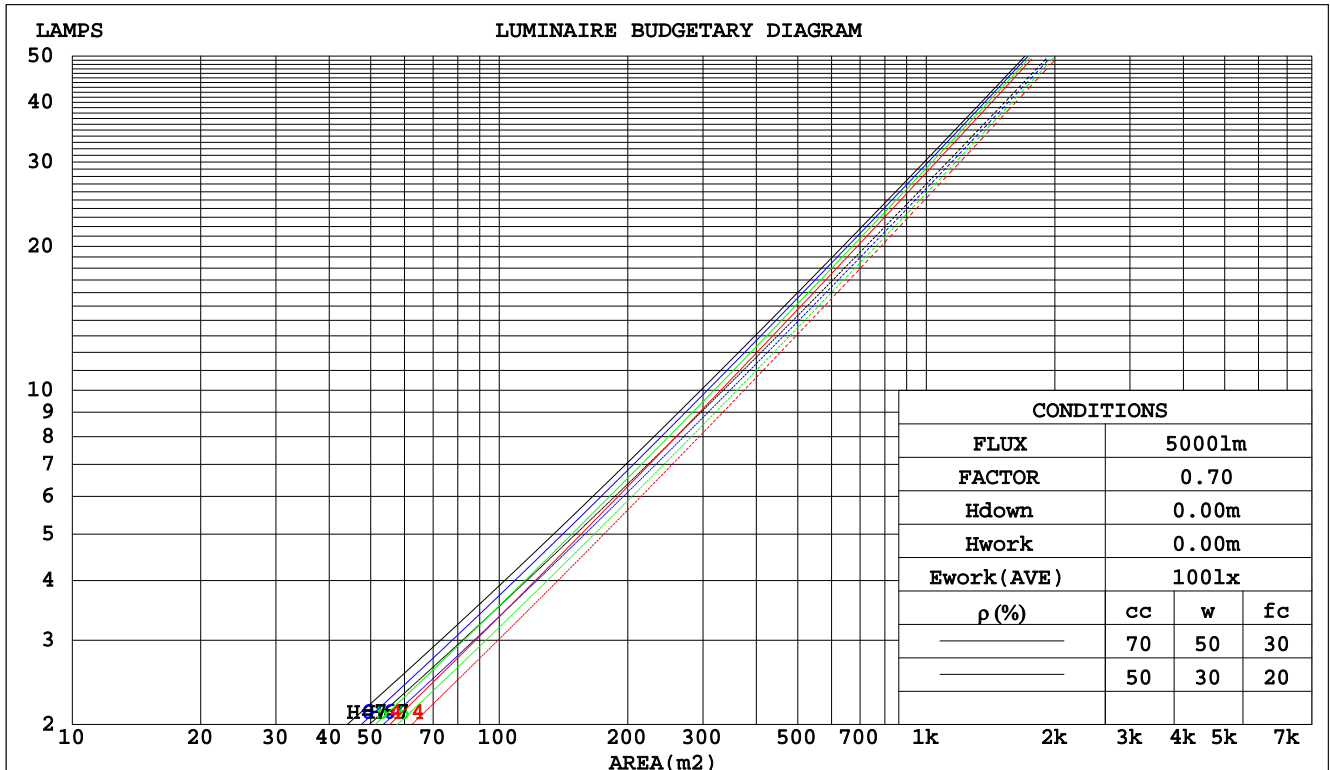
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:226.5V I:0.1240A P:27.00W PF:0.9590 Lamp Flux:2480.32x1 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	.72	.77	.74	.71	.76	.73	.70	.69
8.0	.78	.72	.69	.77	.72	.69	.76	.71	.68	.75	.71	.68	.73	.70	.68	.66
9.0	.74	.69	.66	.74	.69	.66	.73	.69	.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:0.1240A P:27.00W PF:0.9590 Lamp Flux:2480.32x1 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	.083	.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	.115	.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	.109	.053	.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	.092	.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:0.1240A P:27.00W PF:0.9590 Lamp Flux:2480.32x1 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		16.6	17.4	16.8	17.6	17.8	16.5	17.2	16.7	17.4	17.6
	3H	16.8	17.6	17.1	17.8	18.0	16.7	17.4	17.0	17.7	17.9
	4H	17.0	17.7	17.3	17.9	18.2	16.9	17.6	17.2	17.8	18.1
	6H	17.1	17.8	17.5	18.1	18.4	17.0	17.7	17.4	18.0	18.3
	8H	17.2	17.8	17.5	18.1	18.4	17.1	17.7	17.5	18.0	18.3
	12H	17.3	17.9	17.6	18.2	18.5	17.2	17.8	17.6	18.1	18.4
4H	2H	16.5	17.2	16.8	17.5	17.7	16.4	17.1	16.7	17.4	17.6
	3H	16.9	17.5	17.3	17.8	18.2	16.8	17.4	17.2	17.7	18.1
	4H	17.2	17.7	17.6	18.1	18.4	17.1	17.6	17.5	18.0	18.3
	6H	17.5	17.9	17.9	18.3	18.7	17.4	17.9	17.8	18.2	18.6
	8H	17.6	18.0	18.0	18.4	18.8	17.5	18.0	17.9	18.3	18.8
	12H	17.7	18.2	18.2	18.6	19.0	17.7	18.1	18.1	18.5	18.9
8H	4H	17.2	17.7	17.7	18.1	18.5	17.2	17.6	17.6	18.0	18.4
	6H	17.6	18.0	18.1	18.4	18.9	17.6	17.9	18.0	18.4	18.8
	8H	17.8	18.1	18.3	18.6	19.1	17.7	18.1	18.2	18.5	19.0
	12H	18.1	18.4	18.6	18.9	19.4	18.0	18.3	18.5	18.8	19.3
12H	4H	17.2	17.6	17.7	18.0	18.5	17.1	17.5	17.6	18.0	18.4
	6H	17.6	18.0	18.1	18.4	18.9	17.6	17.9	18.1	18.4	18.8
	8H	17.9	18.1	18.4	18.6	19.2	17.8	18.1	18.3	18.6	19.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.7 / - 0.7					+ 0.7 / - 0.7					
1.5H	+ 1.2 / - 0.5					+ 1.3 / - 0.5					
2.0H	+ 0.7 / - 0.5					+ 0.7 / - 0.5					

CIE Pub.117 Corrected 2480 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:0.1240A P:27.00W PF:0.9590 Lamp Flux:2480.32x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

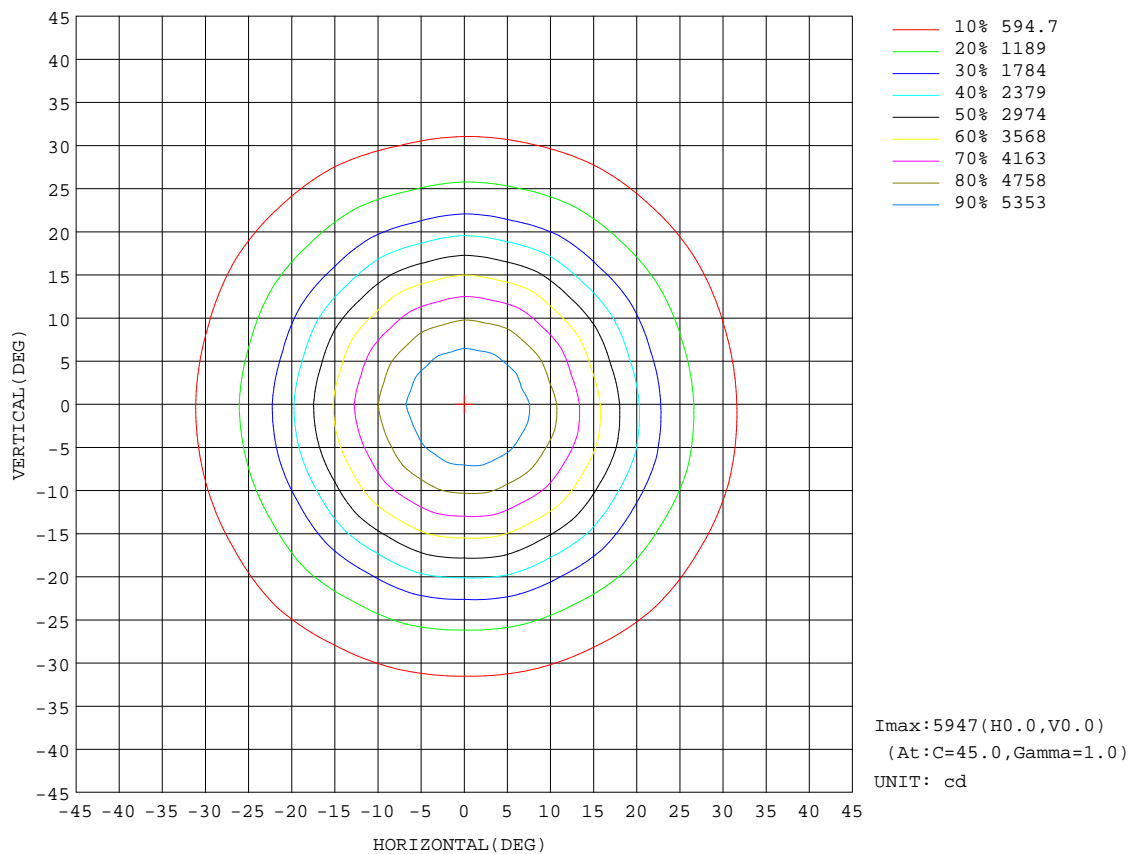
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	74
0.80	94	89	85	94	88	85	92	88	84	81
1.00	99	93	89	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	99	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	107	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:0.1240A P:27.00W PF:0.9590 Lamp Flux:2480.32x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



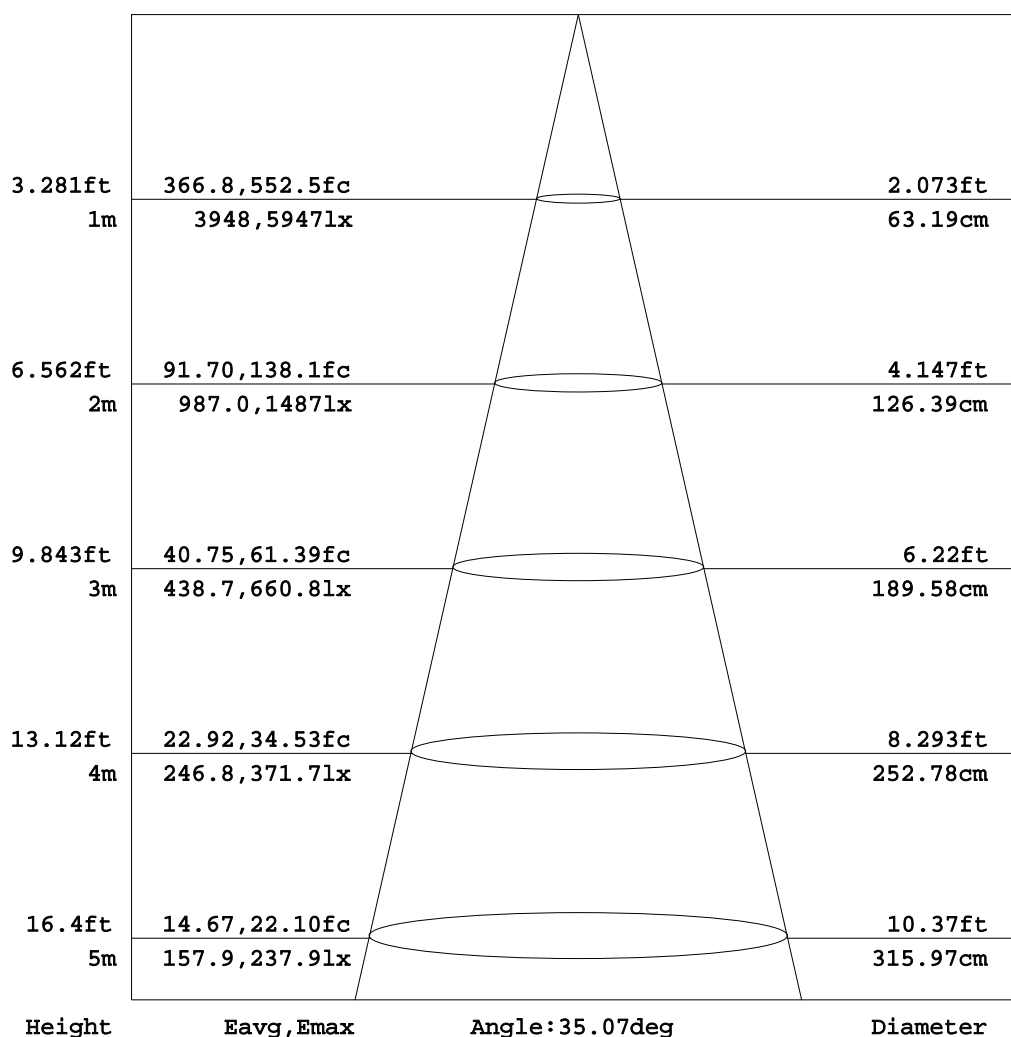
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2015-12-07

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:0.1240A P:27.00W PF:0.9590 Lamp Flux:2480.32x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:1309 lm



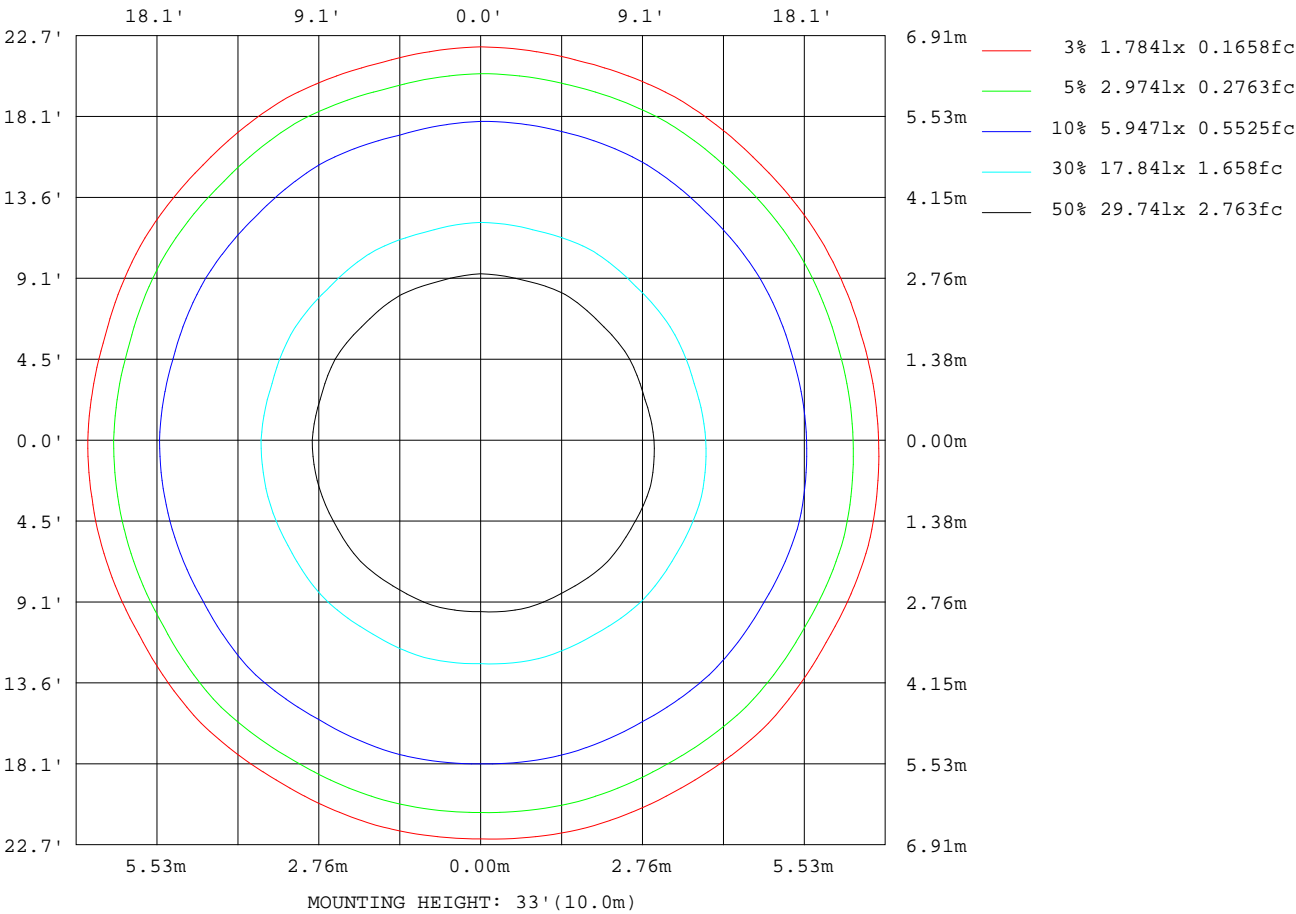
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

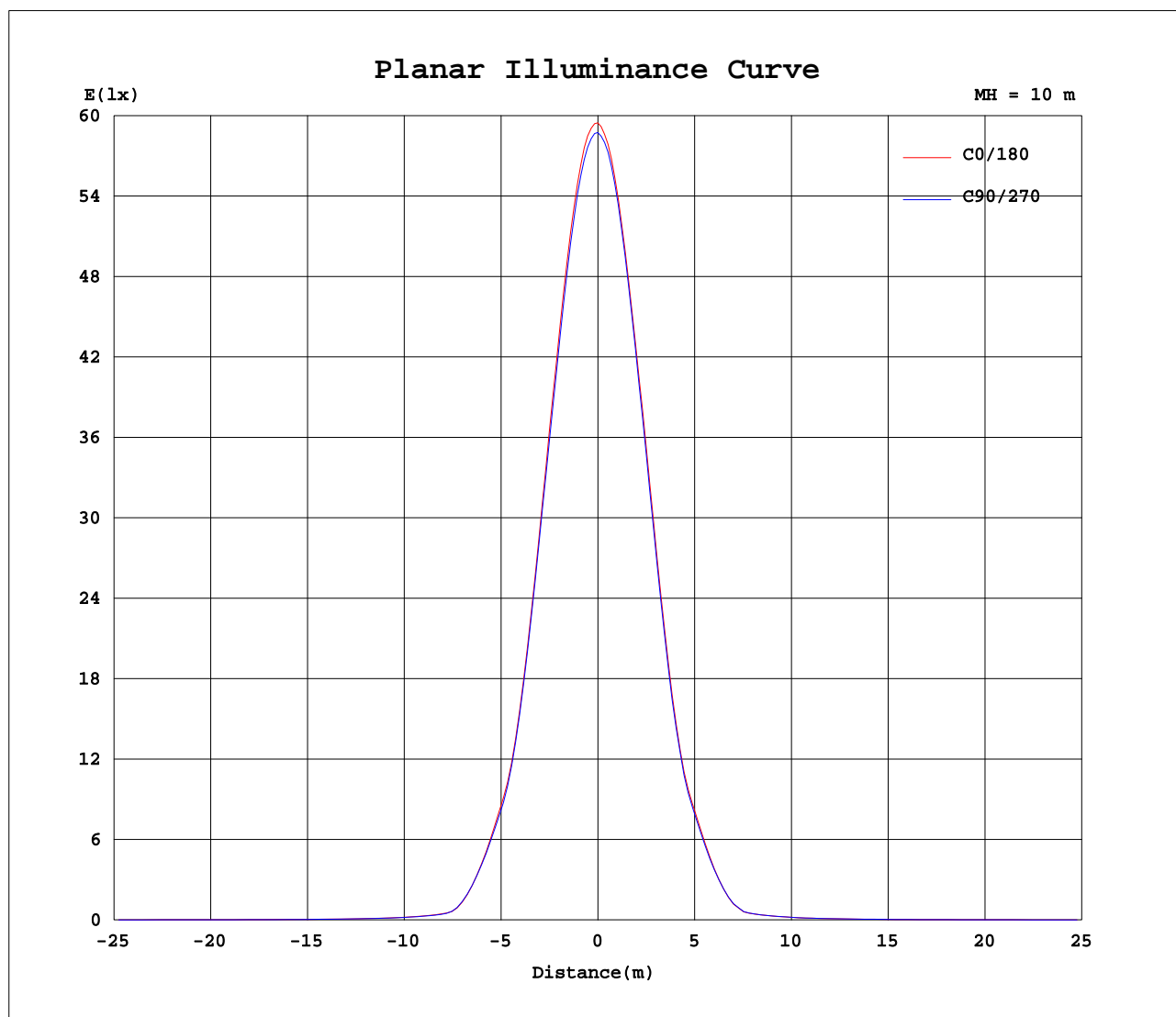
Test:U:226.5V I:0.1240A P:27.00W PF:0.9590 Lamp Flux:2480.32x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.1240A P:27.00W PF:0.9590 Lamp Flux:2480.32x1 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	5887	5887	5887	5887	5887	5887	5887	5887	5887	5887	5887	5887	5887	5887	5887	5887	5887	5887	5887
5	5643	5672	5653	5671	5652	5662	5631	5633	5602	5603	5575	5568	5544	5514	5533	5516	5543	5533	5564
10	4860	4911	4877	4907	4867	4885	4834	4839	4778	4785	4732	4732	4702	4656	4686	4651	4693	4661	4719
15	3719	3802	3764	3809	3741	3757	3698	3720	3664	3685	3613	3626	3584	3513	3552	3496	3544	3502	3568
20	2422	2514	2475	2520	2451	2485	2413	2448	2369	2398	2318	2334	2289	2208	2247	2191	2253	2200	2271
25	1367	1410	1377	1400	1363	1378	1344	1365	1324	1351	1305	1313	1296	1263	1273	1252	1277	1246	1277
30	774	814	787	809	774	787	766	780	759	788	734	739	724	692	712	695	716	690	713
35	242	266	257	284	269	273	252	254	238	246	221	225	214	198	213	210	222	208	222
40	86.6	86.1	84.5	86.6	85.2	84.8	82.5	84.1	82.9	84.8	84.6	86.2	85.4	85.3	87.0	87.5	88.3	87.0	87.7
45	57.0	56.9	56.1	56.9	56.1	56.0	55.0	55.4	54.8	55.5	55.3	56.2	55.7	55.8	57.3	57.2	58.2	57.2	58.0
50	40.9	41.3	41.2	41.7	41.1	41.0	40.4	40.6	40.2	40.5	40.1	40.3	39.6	39.4	39.9	39.5	39.7	39.3	39.9
55	30.7	31.1	31.0	31.2	30.8	30.7	30.4	30.6	30.3	30.5	30.2	30.5	29.9	29.7	29.9	29.6	29.8	29.5	29.9
60	22.9	23.2	23.0	23.2	22.9	23.0	22.7	22.9	22.6	22.8	22.7	22.9	22.4	22.2	22.3	22.1	22.3	22.1	22.4
65	17.4	17.6	17.5	17.6	17.4	17.5	17.3	17.4	17.2	17.4	17.3	17.4	16.9	16.8	16.8	16.6	16.8	16.8	17.1
70	13.3	13.4	13.4	13.6	13.4	13.4	13.3	13.4	13.3	13.4	13.3	13.3	12.9	12.8	12.9	12.8	13.0	13.0	13.2
75	9.82	9.97	9.95	10.1	10.0	10.1	10.0	10.1	9.96	10.0	9.85	9.84	9.65	9.60	9.66	9.65	9.72	9.64	9.77
80	6.74	6.88	6.85	6.98	6.87	6.94	6.84	6.89	6.76	6.78	6.59	6.58	6.68	6.61	6.67	6.69	6.76	6.70	6.77
85	4.91	4.89	4.91	4.89	4.90	4.88	4.89	4.86	4.89	4.86	4.89	4.85	5.53	5.52	5.52	5.52	5.51	5.51	5.50
90	4.68	4.67	4.69	4.67	4.68	4.66	4.67	4.64	4.66	4.63	4.66	4.62	5.70	5.69	5.69	5.68	5.68	5.67	5.67
95	4.47	4.45	4.47	4.45	4.47	4.44	4.46	4.42	4.45	4.42	4.44	4.41	5.82	5.81	5.81	5.81	5.80	5.79	5.80
100	4.36	4.36	4.36	4.35	4.38	4.34	4.35	4.35	4.35	4.35	4.38	4.34	5.95	5.93	5.94	5.93	5.93	5.92	5.92
105	4.50	4.50	4.49	4.50	4.49	4.49	4.49	4.49	4.50	4.51	4.52	4.52	6.19	6.18	6.18	6.18	6.17	6.17	6.16
110	5.00	4.99	4.99	4.97	4.98	4.97	4.99	4.98	5.02	5.01	5.05	5.04	6.61	6.63	6.61	6.63	6.60	6.61	6.58
115	5.93	5.87	5.90	5.85	5.89	5.85	5.91	5.88	5.95	5.93	6.00	5.98	7.34	7.38	7.35	7.39	7.34	7.37	7.32
120	7.29	7.21	7.24	7.17	7.24	7.18	7.27	7.22	7.32	7.28	7.40	7.36	8.49	8.55	8.51	8.56	8.50	8.54	8.47
125	9.04	8.94	8.99	8.91	8.98	8.92	9.02	8.97	9.08	9.05	9.18	9.13	10.0	10.1	10.1	10.1	10.1	10.1	10.0
130	11.1	11.0	11.0	10.9	11.0	10.9	11.1	11.0	11.1	11.1	11.2	11.2	11.9	12.0	11.9	12.0	11.9	12.0	11.9
135	13.2	13.2	13.2	13.1	13.2	13.1	13.2	13.2	13.3	13.3	13.4	13.4	13.9	14.0	14.0	14.0	14.0	14.0	13.9
140	15.4	15.3	15.3	15.3	15.3	15.3	15.4	15.3	15.4	15.4	15.5	15.5	16.0	16.0	16.0	16.1	16.0	16.0	15.9
145	17.3	17.2	17.2	17.2	17.2	17.2	17.3	17.2	17.3	17.3	17.4	17.4	17.8	17.8	17.8	17.8	17.8	17.8	17.7
150	18.8	18.7	18.7	18.7	18.7	18.7	18.8	18.7	18.8	18.8	18.9	18.8	19.2	19.2	19.2	19.2	19.2	19.2	19.1
155	19.7	19.8	19.7	19.7	19.7	19.7	19.7	19.7	19.8	19.8	19.8	19.8	20.1	20.1	20.1	20.1	20.0	20.0	20.0
160	20.2	20.2	20.1	20.2	20.1	20.2	20.1	20.1	20.2	20.2	20.2	20.1	20.4	20.4	20.4	20.4	20.4	20.4	20.4
165	20.2	20.2	20.2	20.2	20.2	20.2	20.1	20.2	20.1	20.1	20.1	20.1	20.4	20.4	20.3	20.3	20.3	20.3	20.3
170	20.0	20.0	20.0	20.0	20.0	20.0	19.9	19.9	19.9	19.9	19.9	19.9	20.2	20.1	20.1	20.1	20.1	20.1	20.1
175	20.0	20.0	20.0	20.0	20.0	20.0	19.9	19.9	19.9	19.9	19.9	19.9	20.2	20.1	20.1	20.1	20.1	20.1	20.1
180	20.3	20.4	20.3	20.3	20.3	20.3	20.3	20.3	20.2	20.3	20.3	20.3	20.4	20.3	20.3	20.3	20.3	20.3	20.3

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:0.1240A P:27.00W PF:0.9590 Lamp Flux:2480.32x1 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	5887	5887	5887	5887	5887														
5	5565	5602	5602	5637	5624														
10	4714	4790	4778	4835	4817														
15	3547	3640	3604	3675	3655														
20	2242	2328	2284	2357	2348														
25	1278	1315	1307	1338	1341														
30	715	744	730	757	753														
35	215	230	222	235	230														
40	87.6	90.2	90.6	92.2	89.0														
45	57.8	59.5	59.0	59.8	58.3														
50	40.0	40.8	40.7	41.2	40.9														
55	30.0	30.4	30.2	30.6	30.5														
60	22.4	22.7	22.6	22.7	22.6														
65	17.1	17.3	17.1	17.3	17.2														
70	13.2	13.3	13.2	13.2	13.1														
75	9.80	9.92	9.87	9.88	9.79														
80	6.76	6.86	6.87	6.93	6.93														
85	5.50	5.50	5.50	5.50	5.50														
90	5.66	5.67	5.67	5.67	5.67														
95	5.79	5.79	5.80	5.80	5.79														
100	5.92	5.92	5.92	5.92	5.92														
105	6.16	6.15	6.16	6.15	6.15														
110	6.60	6.57	6.59	6.56	6.57														
115	7.34	7.29	7.32	7.27	7.29														
120	8.49	8.42	8.45	8.38	8.40														
125	10.0	9.94	9.97	9.88	9.91														
130	11.9	11.8	11.8	11.7	11.8														
135	14.0	13.8	13.9	13.8	13.8														
140	16.0	15.9	15.9	15.8	15.8														
145	17.8	17.7	17.7	17.6	17.6														
150	19.2	19.1	19.1	19.1	19.1														
155	20.0	20.0	20.0	20.0	20.0														
160	20.4	20.4	20.4	20.4	20.4														
165	20.3	20.3	20.3	20.3	20.4														
170	20.1	20.1	20.1	20.1	20.1														
175	20.0	20.1	20.1	20.1	20.1														
180	20.3	20.3	20.3	20.3	20.3														

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: