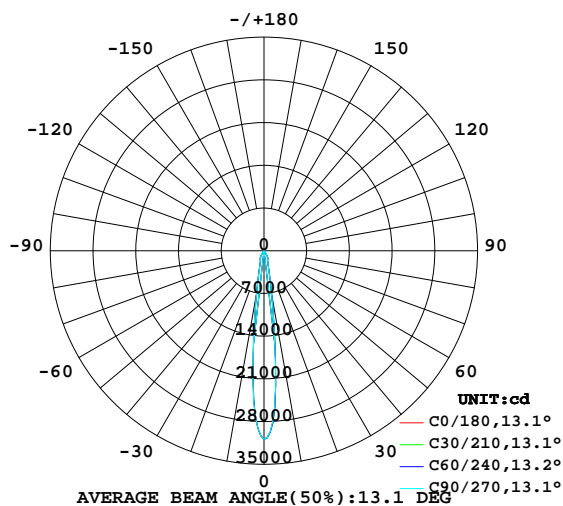


LUMINAIRE PHOTOMETRIC TEST REPORT

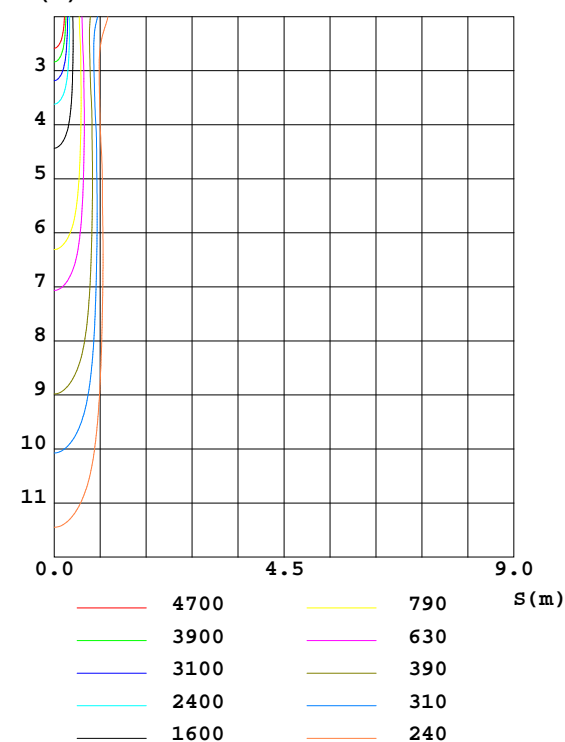
Test:U:226.6V I:0.1810A P:39.10W PF:0.9540 Lamp Flux:3475.94x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 88.90 lm/W			
MODEL	DL18-40W-930-W-15	Imax(cd)	30889	S/MH(C0/180)	0.23
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	0.23
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	3475.9	η UP,DN(C0-180)	1.2,49.8
NOMINAL FLUX(lm)	3475.94	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,47.6
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.6	η down(%)	97.4	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:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [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	706.1	762.1	729.2	723.8	702.8	674.6	706.2	686.8	0- 10	1515	1515	43.6,43.6
20	178.1	184.2	181.4	183.3	180.3	178.1	180.0	176.3	10- 20	888.1	2403	69.1,69.1
30	109.0	113.6	112.3	115.3	111.2	105.7	108.4	106.1	20- 30	677.7	3080	88.6,88.6
40	6.258	6.172	6.377	6.088	5.529	5.170	5.588	5.574	30- 40	241.4	3322	95.6,95.6
50	1.158	1.226	1.240	1.255	1.171	1.235	1.284	1.142	40- 50	18.66	3341	96.1,96.1
60	1.205	1.192	1.257	1.229	1.174	1.241	1.205	1.156	50- 60	10.43	3351	96.4,96.4
70	1.122	1.131	1.167	1.136	1.085	1.087	1.097	1.087	60- 70	12.22	3363	96.8,96.8
80	0.9932	0.9976	1.012	0.9907	0.9690	0.9664	0.9651	0.9683	70- 80	10.85	3374	97.1,97.1
90	0.7575	0.7118	0.7110	0.7192	0.8942	0.8373	0.8358	0.8428	80- 90	9.868	3384	97.4,97.4
100	0.5098	0.4875	0.4899	0.4870	0.8851	0.8601	0.8601	0.8655	90-100	7.843	3392	97.6,97.6
110	0.7383	0.7235	0.7302	0.7277	0.9432	0.9443	0.9410	0.9489	100-110	7.871	3400	97.8,97.8
120	0.9246	0.9132	0.9164	0.9122	1.098	1.105	1.103	1.109	110-120	9.118	3409	98.1,98.1
130	1.462	1.439	1.449	1.446	1.598	1.613	1.604	1.611	120-130	10.82	3420	98.4,98.4
140	2.390	2.377	2.376	2.383	2.435	2.440	2.438	2.446	130-140	15.38	3435	98.8,98.8
150	2.759	2.779	2.754	2.764	2.812	2.810	2.818	2.814	140-150	16.49	3451	99.3,99.3
160	2.933	2.935	2.930	2.931	2.959	2.952	2.951	2.953	150-160	13.27	3465	99.7,99.7
170	2.998	3.009	2.999	3.004	3.027	3.012	3.008	3.009	160-170	8.484	3473	99.9,99.9
180	2.692	2.697	2.678	2.675	2.705	2.689	2.682	2.672	170-180	2.768	3476	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

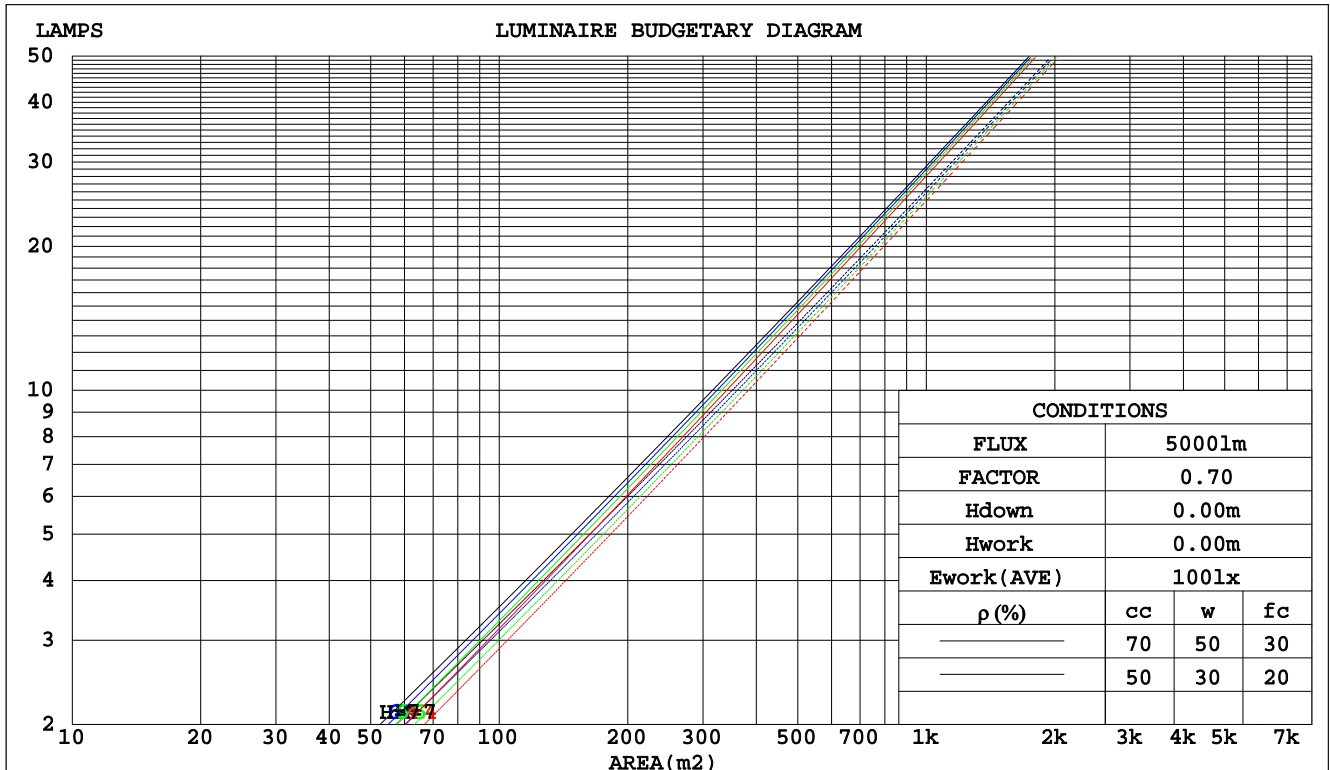
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.6V I:0.1810A P:39.10W PF:0.9540 Lamp Flux:3475.94x1 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	1.12	1.10	1.08	1.09	1.08	1.06	1.05	1.04	1.02	1.01	.00	.99	.97	.96	.96	.94
2.0	1.06	1.03	1.01	1.04	1.02	.99	1.01	.99	.97	.98	.96	.94	.95	.93	.92	.90
3.0	1.02	.98	.95	1.00	.97	.94	.97	.94	.92	.95	.92	.90	.92	.90	.89	.87
4.0	.98	.93	.90	.96	.93	.90	.94	.91	.88	.92	.89	.87	.90	.88	.86	.85
5.0	.94	.90	.86	.93	.89	.86	.91	.88	.85	.89	.86	.84	.87	.85	.83	.82
6.0	.91	.86	.83	.90	.86	.83	.88	.85	.82	.87	.84	.81	.85	.83	.81	.80
7.0	.88	.83	.80	.87	.83	.80	.86	.82	.80	.84	.81	.79	.83	.80	.78	.77
8.0	.85	.81	.78	.84	.80	.78	.83	.80	.77	.82	.79	.77	.81	.78	.76	.75
9.0	.83	.78	.76	.82	.78	.75	.81	.78	.75	.80	.77	.75	.79	.76	.74	.73
10.0	.80	.76	.74	.80	.76	.73	.79	.76	.73	.78	.75	.73	.77	.75	.73	.72



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.610m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:226.6V I:0.1810A P:39.10W PF:0.9540 Lamp Flux:3475.94x1 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	.144	.082	.026	.137	.078	.025	.123	.070	.023	.110	.063	.020	.098	.057	.018		
2.0	.133	.073	.022	.127	.070	.021	.115	.064	.020	.104	.058	.018	.094	.053	.017		
3.0	.123	.066	.020	.118	.063	.019	.108	.059	.018	.099	.054	.017	.090	.050	.015		
4.0	.115	.060	.018	.110	.058	.017	.102	.054	.016	.094	.051	.015	.087	.047	.014		
5.0	.108	.055	.016	.104	.053	.016	.097	.050	.015	.090	.047	.014	.083	.045	.013		
6.0	.102	.051	.015	.098	.050	.014	.092	.047	.014	.086	.045	.013	.080	.042	.013		
7.0	.096	.048	.013	.093	.046	.013	.088	.044	.013	.082	.042	.012	.077	.040	.012		
8.0	.091	.045	.013	.089	.044	.012	.084	.042	.012	.079	.040	.012	.075	.038	.011		
9.0	.087	.042	.012	.085	.041	.012	.080	.040	.011	.076	.038	.011	.072	.037	.011		
10.0	.083	.040	.011	.081	.039	.011	.077	.038	.011	.073	.036	.010	.070	.035	.010		

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	.211	.211	.211	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.189	.178	.168	.162	.153	.144	.111	.105	.100	.064	.061	.058	.020	.020	.019	
2.0	.172	.153	.138	.147	.132	.119	.101	.091	.083	.058	.053	.049	.019	.017	.016	
3.0	.157	.134	.116	.134	.116	.100	.092	.080	.070	.053	.047	.041	.017	.015	.014	
4.0	.144	.119	.099	.124	.103	.086	.085	.071	.061	.049	.042	.036	.016	.014	.012	
5.0	.134	.106	.086	.115	.092	.075	.079	.064	.053	.046	.038	.031	.015	.012	.010	
6.0	.125	.097	.076	.108	.084	.066	.074	.059	.047	.043	.034	.028	.014	.011	.009	
7.0	.118	.088	.068	.101	.077	.059	.070	.054	.042	.041	.032	.025	.013	.010	.008	
8.0	.111	.082	.062	.096	.071	.054	.066	.050	.038	.038	.029	.023	.012	.010	.008	
9.0	.105	.076	.056	.091	.066	.049	.063	.046	.035	.037	.027	.021	.012	.009	.007	
10.0	.100	.071	.052	.086	.062	.045	.060	.044	.032	.035	.026	.019	.011	.008	.006	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:226.6V I:0.1810A P:39.10W PF:0.9540 Lamp Flux:3475.94x1 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		14.7	15.4	15.0	15.6	15.8	14.8	15.4	15.0	15.6	15.8
3H		14.8	15.4	15.1	15.6	15.9	14.8	15.4	15.1	15.7	15.9
4H		14.9	15.5	15.2	15.7	16.0	14.9	15.5	15.2	15.8	16.0
6H		15.1	15.7	15.5	16.0	16.3	15.2	15.7	15.5	16.0	16.3
8H		15.4	15.9	15.7	16.2	16.5	15.4	15.9	15.7	16.2	16.5
12H		15.7	16.2	16.1	16.5	16.8	15.7	16.2	16.1	16.5	16.9
4H 2H		14.5	15.1	14.8	15.4	15.6	14.6	15.2	14.9	15.4	15.7
3H		14.7	15.2	15.0	15.5	15.8	14.7	15.3	15.1	15.6	15.9
4H		14.9	15.4	15.3	15.7	16.1	15.0	15.4	15.3	15.8	16.1
6H		15.4	15.8	15.8	16.2	16.5	15.4	15.8	15.8	16.2	16.6
8H		15.7	16.1	16.2	16.5	16.9	15.8	16.2	16.2	16.6	17.0
12H		16.3	16.6	16.7	17.0	17.5	16.3	16.7	16.7	17.1	17.5
8H 4H		15.0	15.3	15.4	15.7	16.1	15.0	15.4	15.4	15.8	16.2
6H		15.6	15.9	16.1	16.4	16.8	15.7	16.0	16.1	16.4	16.9
8H		16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	17.0	17.5
12H		16.9	17.2	17.5	17.7	18.2	17.0	17.2	17.5	17.7	18.2
12H 4H		15.0	15.3	15.4	15.7	16.2	15.0	15.4	15.5	15.8	16.2
6H		15.7	16.0	16.2	16.5	16.9	15.8	16.0	16.2	16.5	17.0
8H		16.3	16.6	16.9	17.1	17.6	16.4	16.6	16.9	17.1	17.6
Variations with the observer position at spacings:											
S = 1.0H		+ 0.7 / - 0.5				+ 0.7 / - 0.5					
1.5H		+ 1.7 / - 0.4				+ 1.6 / - 0.4					
2.0H		+ 0.3 / - 0.2				+ 0.3 / - 0.3					

CIE Pub.117 Corrected 3476 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.3)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:226.6V I:0.1810A P:39.10W PF:0.9540 Lamp Flux:3475.94x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

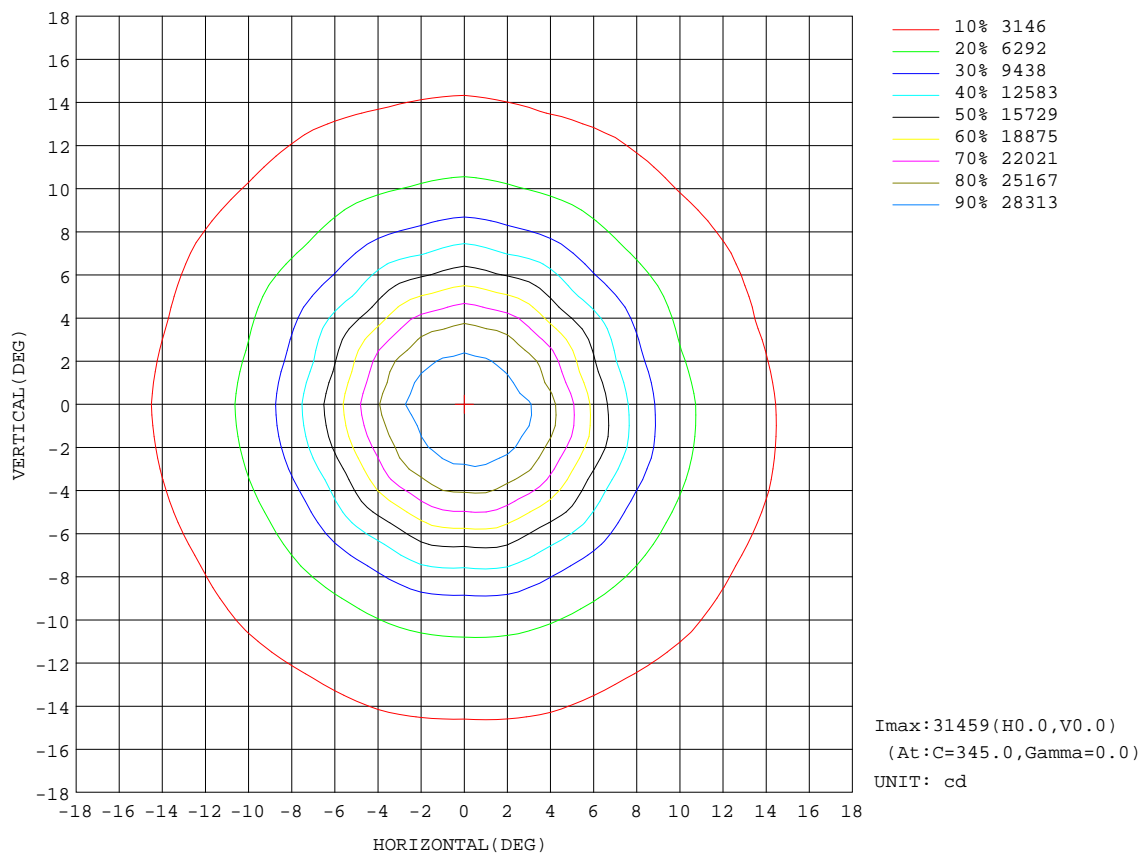
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	83	79	87	82	79	76
0.80	96	90	87	95	90	87	94	89	86	83
1.00	100	94	91	99	94	91	97	93	90	86
1.25	103	98	95	102	98	95	100	96	94	89
1.50	106	101	98	104	100	98	102	99	96	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	109	106	104	106	103	101	94
4.00	113	111	108	111	109	107	107	105	104	96
5.00	115	112	111	112	110	109	108	106	105	97
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:2016-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:226.6V I:0.1810A P:39.10W PF:0.9540 Lamp Flux:3475.94x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

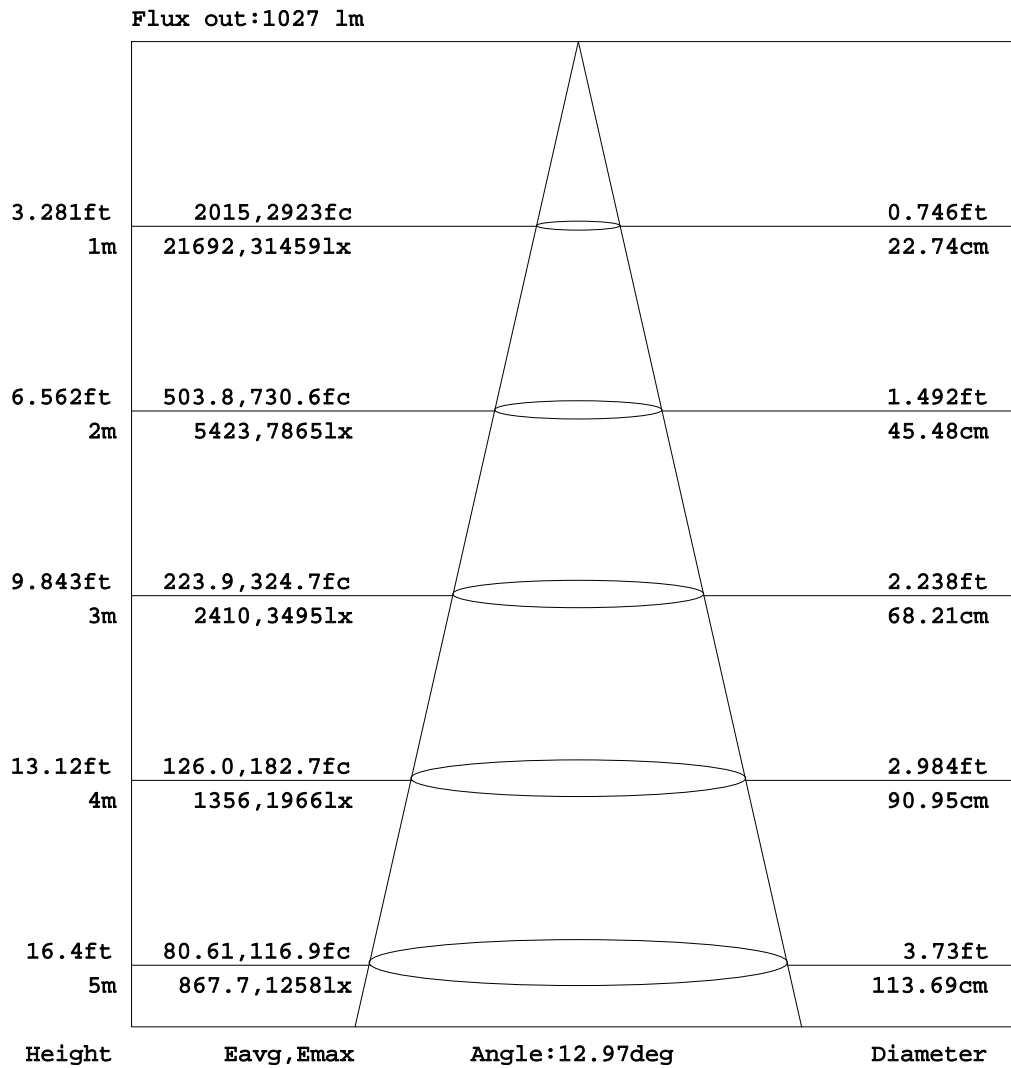


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

AAI Figure

Test:U:226.6V I:0.1810A P:39.10W PF:0.9540 Lamp Flux:3475.94x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



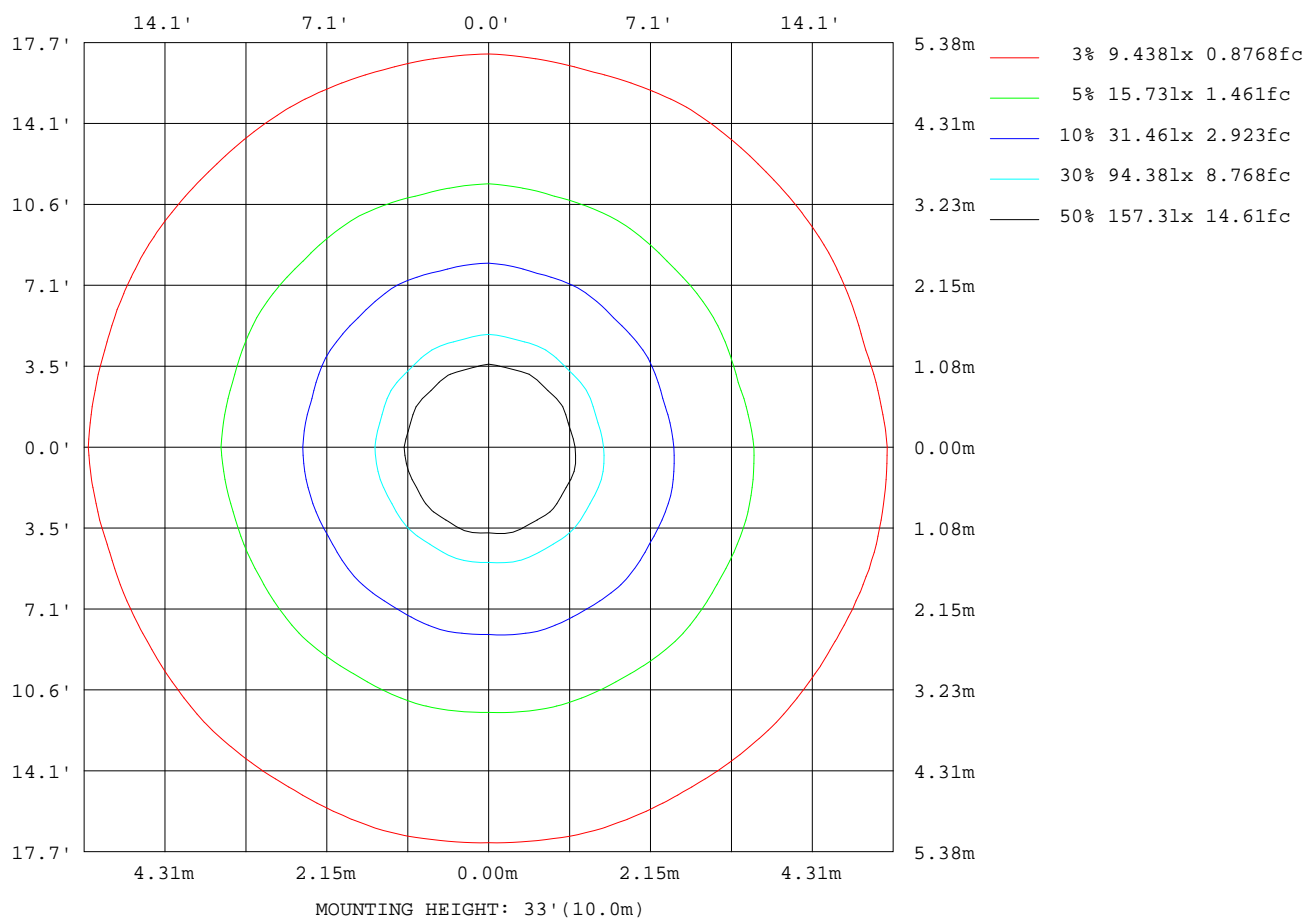
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

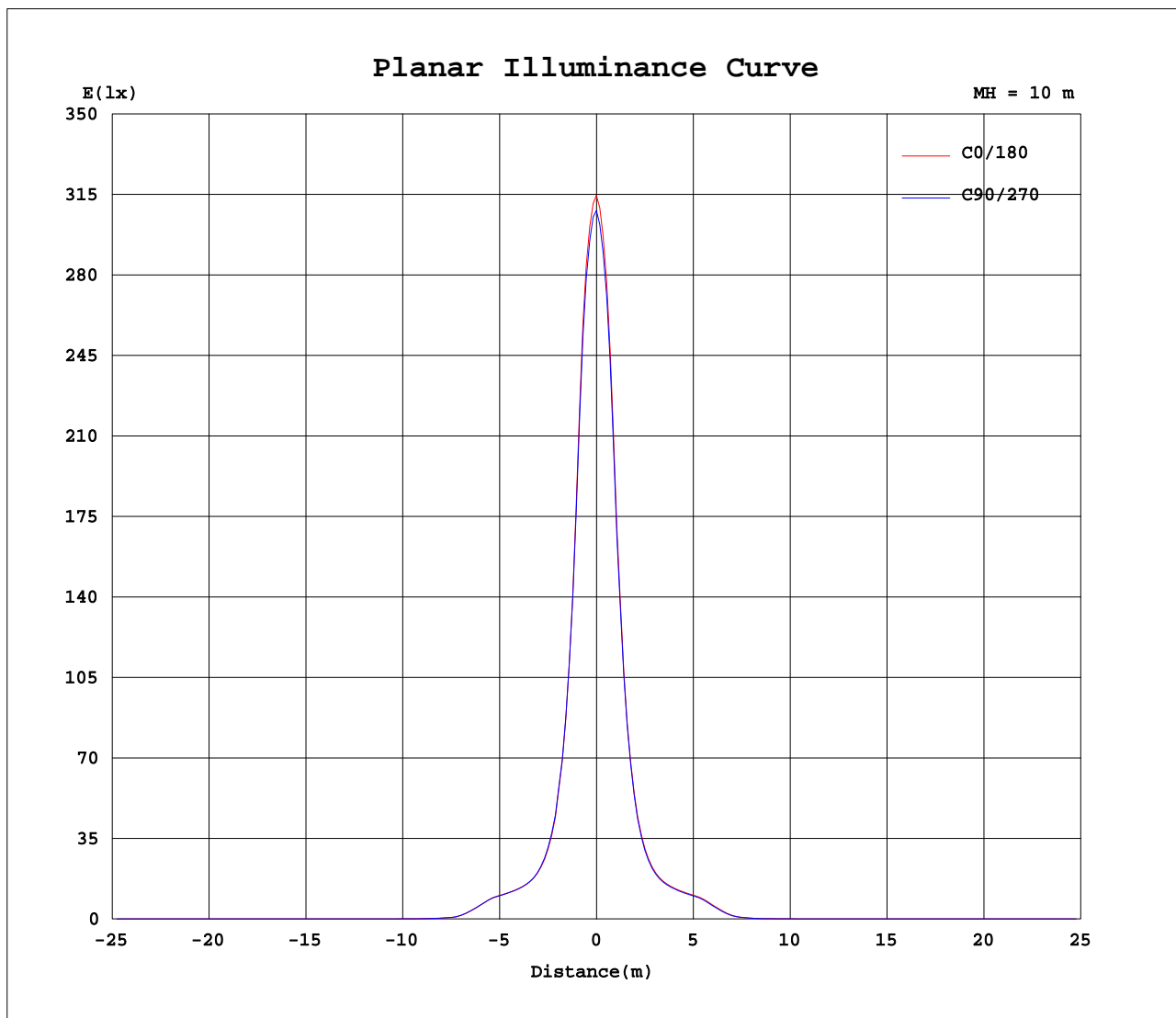
Test:U:226.6V I:0.1810A P:39.10W PF:0.9540 Lamp Flux:3475.94x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.610m [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: 2016-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.610m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.6V I:0.1810A P:39.10W PF:0.9540 Lamp Flux:3475.94x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										SUR.:					PROTECTION ANGLE:				

Table--1

UNIT: ×10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	3089	3089	3089	3089	3089	3089	3089	3089	3089	3089	3089	3089	3089	3089	3089	3089	3089	3089	3089
5	2196	2260	2220	2277	2224	2263	2198	2227	2158	2179	2110	2134	2095	2025	2077	2016	2075	2019	2088
10	706	741	728	762	740	763	729	743	708	724	695	712	703	671	705	675	707	681	706
15	284	295	293	307	300	306	296	303	292	297	286	290	287	278	289	282	292	280	286
20	178	181	180	184	182	184	181	183	181	183	181	181	180	178	180	178	180	178	180
25	147	149	148	149	148	150	149	150	149	150	148	149	149	148	148	147	147	147	147
30	109	113	111	114	110	115	112	116	112	115	111	113	111	107	109	106	108	106	108
35	28.2	31.6	29.9	31.9	28.9	32.2	29.9	31.8	28.6	30.9	28.2	30.3	28.6	25.8	28.0	25.3	26.8	24.4	25.8
40	6.26	6.34	6.43	6.17	6.25	6.28	6.38	6.15	6.28	6.09	6.13	5.79	5.53	5.19	5.41	5.17	5.46	5.33	5.59
45	1.94	2.03	1.98	2.08	2.00	2.10	2.01	2.05	1.96	1.97	1.82	1.88	1.81	1.77	1.88	1.83	1.95	1.92	1.93
50	1.16	1.16	1.18	1.23	1.25	1.28	1.24	1.22	1.28	1.25	1.18	1.20	1.17	1.22	1.25	1.24	1.27	1.32	1.28
55	1.13	1.10	1.09	1.12	1.16	1.18	1.17	1.16	1.16	1.16	1.13	1.15	1.11	1.12	1.14	1.16	1.20	1.23	1.19
60	1.20	1.20	1.17	1.19	1.23	1.24	1.26	1.24	1.22	1.23	1.26	1.24	1.17	1.18	1.18	1.24	1.27	1.26	1.21
65	1.26	1.28	1.28	1.29	1.32	1.33	1.33	1.31	1.30	1.31	1.34	1.31	1.26	1.24	1.23	1.25	1.26	1.25	1.23
70	1.12	1.14	1.12	1.13	1.14	1.17	1.17	1.16	1.14	1.14	1.13	1.12	1.09	1.07	1.07	1.09	1.10	1.10	1.10
75	1.02	1.02	1.02	1.03	1.04	1.05	1.05	1.04	1.04	1.03	1.02	1.02	1.00	0.9939	0.9908	1.01	1.01	1.02	1.01
80	0.9932	0.9903	0.9903	0.9976	1.01	1.02	1.01	1.00	1.00	0.99	0.99	0.99	0.97	0.96	0.96	0.97	0.97	0.98	0.97
85	0.92	0.92	0.91	0.92	0.92	0.93	0.92	0.92	0.92	0.91	0.90	0.91	0.94	0.92	0.91	0.92	0.92	0.92	0.92
90	0.76	0.74	0.71	0.71	0.71	0.71	0.71	0.72	0.72	0.72	0.71	0.73	0.89	0.86	0.84	0.84	0.84	0.84	0.84
95	0.61	0.58	0.56	0.56	0.56	0.56	0.56	0.56	0.57	0.56	0.56	0.57	0.90	0.87	0.84	0.85	0.84	0.85	0.85
100	0.51	0.50	0.49	0.49	0.49	0.49	0.49	0.49	0.50	0.49	0.49	0.49	0.89	0.87	0.86	0.86	0.86	0.86	0.86
105	0.59	0.58	0.58	0.57	0.58	0.57	0.58	0.58	0.59	0.58	0.59	0.58	0.90	0.90	0.89	0.89	0.89	0.89	0.89
110	0.74	0.73	0.73	0.72	0.73	0.72	0.73	0.73	0.73	0.73	0.74	0.73	0.94	0.94	0.94	0.94	0.94	0.94	0.94
115	0.84	0.83	0.83	0.82	0.83	0.82	0.83	0.82	0.83	0.83	0.83	0.83	1.01	1.01	1.00	1.01	1.01	1.01	1.01
120	0.92	0.92	0.92	0.91	0.92	0.91	0.92	0.91	0.92	0.91	0.92	0.91	1.10	1.10	1.10	1.10	1.10	1.11	1.10
125	1.10	1.08	1.09	1.08	1.09	1.08	1.08	1.08	1.09	1.08	1.09	1.08	1.27	1.28	1.27	1.28	1.27	1.28	1.28
130	1.46	1.44	1.45	1.44	1.45	1.44	1.45	1.44	1.46	1.45	1.47	1.45	1.60	1.61	1.60	1.61	1.60	1.62	1.60
135	1.98	1.96	1.97	1.96	1.97	1.95	1.97	1.96	1.98	1.97	1.99	1.98	2.06	2.07	2.06	2.07	2.06	2.08	2.06
140	2.39	2.38	2.38	2.38	2.38	2.37	2.38	2.37	2.39	2.38	2.39	2.38	2.43	2.45	2.43	2.44	2.43	2.45	2.44
145	2.62	2.61	2.61	2.65	2.63	2.61	2.61	2.61	2.66	2.63	2.62	2.61	2.67	2.71	2.67	2.67	2.66	2.69	2.71
150	2.76	2.76	2.75	2.78	2.77	2.76	2.75	2.76	2.77	2.76	2.76	2.76	2.81	2.82	2.81	2.81	2.81	2.82	2.82
155	2.85	2.86	2.85	2.86	2.85	2.85	2.85	2.85	2.86	2.86	2.86	2.86	2.85	2.90	2.89	2.89	2.89	2.89	2.89
160	2.93	2.94	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.96	2.95	2.95	2.95	2.95	2.95	2.95
165	3.00	3.01	3.00	3.01	3.00	3.01	3.00	3.01	3.00	3.00	3.00	3.00	3.02	3.01	3.01	3.01	3.01	3.01	3.01
170	3.00	3.01	3.00	3.01	3.00	3.01	3.00	3.01	3.00	3.00	3.00	3.00	3.03	3.02	3.02	3.01	3.01	3.01	3.01
175	2.82	2.84	2.82	2.83	2.82	2.83	2.81	2.82	2.81	2.81	2.80	2.80	2.87	2.85	2.86	2.85	2.85	2.84	2.85
180	2.69	2.70	2.69	2.70	2.68	2.69	2.68	2.68	2.67	2.67	2.67	2.67	2.70	2.69	2.70	2.69	2.69	2.68	2.68

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.6V I:0.1810A P:39.10W PF:0.9540 Lamp Flux:3475.94x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: x10cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	3089	3089	3089	3089	3089														
5	2045	2121	2080	2164	2131														
10	683	706	687	708	683														
15	275	281	272	283	276														
20	177	178	176	178	176														
25	146	148	148	148	147														
30	105	109	106	109	107														
35	23.5	25.1	23.5	26.3	25.7														
40	5.33	5.71	5.57	5.86	6.02														
45	1.78	1.85	1.79	1.92	1.86														
50	1.17	1.16	1.14	1.15	1.14														
55	1.13	1.10	1.08	1.06	1.05														
60	1.23	1.17	1.16	1.14	1.13														
65	1.24	1.23	1.22	1.20	1.21														
70	1.09	1.10	1.09	1.09	1.09														
75	1.00	1.01	1.00	1.00	1.00														
80	0.96	0.97	0.97	0.97	0.97														
85	0.92	0.92	0.92	0.92	0.93														
90	0.84	0.84	0.84	0.84	0.86														
95	0.85	0.85	0.85	0.85	0.87														
100	0.86	0.86	0.87	0.86	0.87														
105	0.90	0.89	0.90	0.89	0.90														
110	0.95	0.95	0.95	0.94	0.95														
115	1.01	1.01	1.01	1.01	1.01														
120	1.11	1.10	1.11	1.10	1.10														
125	1.29	1.27	1.28	1.27	1.27														
130	1.62	1.60	1.61	1.59	1.60														
135	2.07	2.06	2.07	2.05	2.06														
140	2.45	2.44	2.45	2.44	2.44														
145	2.68	2.67	2.67	2.69	2.71														
150	2.81	2.81	2.81	2.81	2.82														
155	2.89	2.89	2.89	2.89	2.90														
160	2.95	2.95	2.95	2.95	2.95														
165	3.01	3.01	3.01	3.01	3.01														
170	3.01	3.01	3.01	3.01	3.01														
175	2.84	2.85	2.84	2.85	2.85														
180	2.68	2.68	2.67	2.67	2.67														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks: