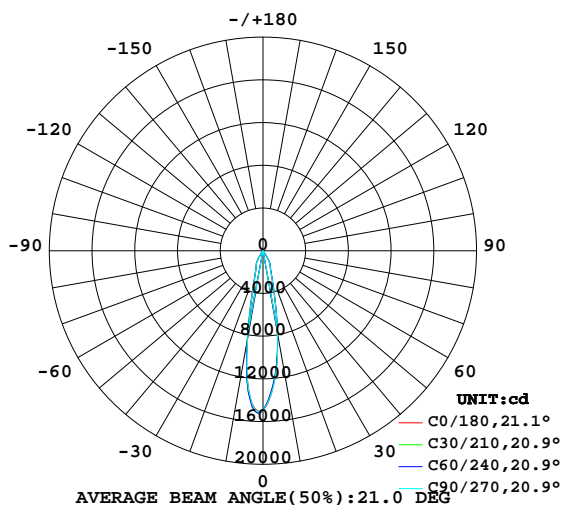


LUMINAIRE PHOTOMETRIC TEST REPORT

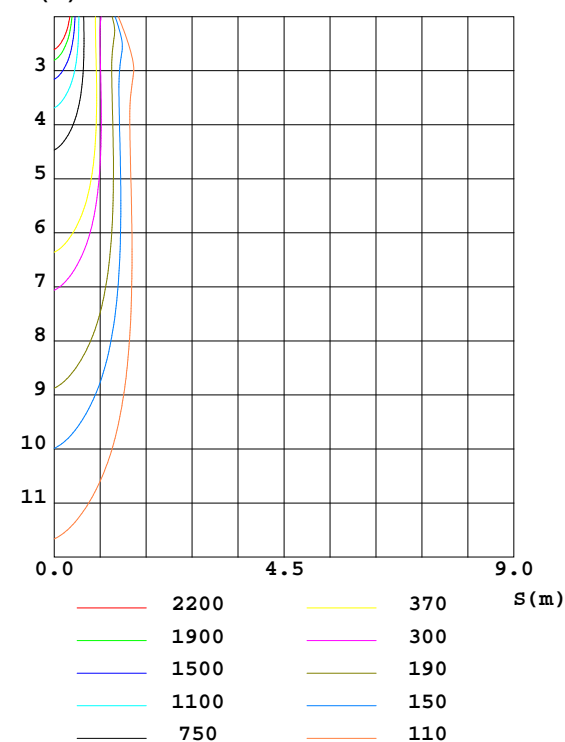
Test:U:226.6V I:0.1800A P:39.00W PF:0.9550 Lamp Flux:3375.31x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 86.55 lm/W			
MODEL	DL09-40W-930-W-20-02	Imax(cd)	15208	S/MH(C0/180)	0.35
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	0.36
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	3375.3	η UP,DN(C0-180)	1.3,49.4
NOMINAL FLUX(lm)	3375.31	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.0
LAMPS INSIDE	1	η up(%)	2.7	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.6	η down(%)	97.3	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	779.8	795.6	788.1	833.5	855.4	817.4	833.1	795.1	0- 10	1086	1086	32.2,32.2
20	219.2	239.8	226.7	219.2	213.9	197.7	202.1	207.2	10- 20	1129	2215	65.6,65.6
30	108.5	114.7	113.5	115.4	107.6	102.3	105.5	105.7	20- 30	723.4	2939	87.1,87.1
40	9.238	9.658	9.656	9.400	9.088	8.603	8.476	8.581	30- 40	245.5	3184	94.3,94.3
50	3.084	3.201	3.264	3.157	3.102	2.989	3.032	2.938	40- 50	39.92	3224	95.5,95.5
60	2.000	1.988	2.040	2.040	1.923	1.934	1.948	1.943	50- 60	21.62	3246	96.2,96.2
70	1.486	1.471	1.501	1.503	1.454	1.453	1.462	1.455	60- 70	17.10	3263	96.7,96.7
80	1.039	1.046	1.054	1.052	1.055	1.043	1.039	1.036	70- 80	13.15	3276	97.1,97.1
90	0.7043	0.6632	0.6707	0.6771	0.8571	0.8030	0.8048	0.8087	80- 90	9.695	3286	97.3,97.3
100	0.5616	0.5396	0.5417	0.5422	0.8547	0.8317	0.8349	0.8378	90-100	7.744	3293	97.6,97.6
110	0.7023	0.6915	0.7002	0.6991	0.9195	0.9236	0.9211	0.9267	100-110	7.810	3301	97.8,97.8
120	0.9476	0.9265	0.9409	0.9465	1.110	1.124	1.119	1.121	110-120	9.022	3310	98.1,98.1
130	1.497	1.472	1.480	1.480	1.595	1.607	1.610	1.617	120-130	11.18	3322	98.4,98.4
140	2.229	2.204	2.215	2.224	2.278	2.295	2.301	2.299	130-140	14.72	3336	98.8,98.8
150	2.645	2.628	2.639	2.644	2.686	2.694	2.699	2.698	140-150	15.59	3352	99.3,99.3
160	2.819	2.811	2.819	2.815	2.836	2.831	2.838	2.841	150-160	12.75	3365	99.7,99.7
170	2.829	2.834	2.833	2.824	2.850	2.839	2.840	2.840	160-170	8.089	3373	99.9,99.9
180	2.705	2.708	2.717	2.712	2.706	2.707	2.717	2.713	170-180	2.646	3375	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

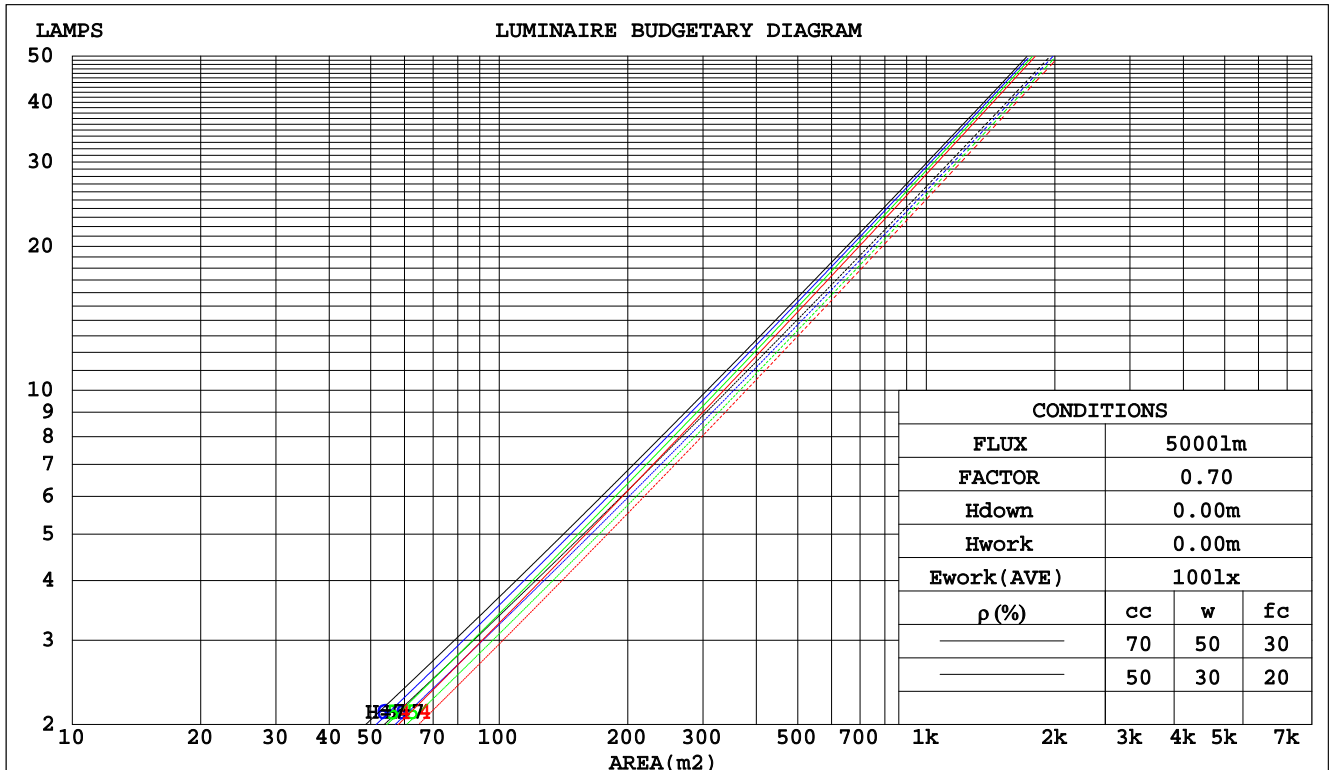
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

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:0.1800A P:39.00W PF:0.9550 Lamp Flux:3375.31lx1 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	1.07	1.05	1.05	1.03	1.02	1.00	.99	.98	.97	.96	.95	.93
2.0	1.05	1.02	.99	1.03	1.00	.98	.00	.97	.95	.97	.95	.93	.94	.92	.91	.89
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.90	.93	.91	.89	.91	.89	.87	.85
4.0	.96	.91	.88	.94	.90	.87	.92	.89	.86	.90	.87	.85	.88	.85	.83	.82
5.0	.91	.87	.83	.90	.86	.83	.88	.85	.82	.87	.84	.81	.85	.82	.80	.79
6.0	.88	.83	.80	.87	.83	.79	.85	.82	.79	.84	.80	.78	.82	.80	.77	.76
7.0	.84	.80	.77	.84	.79	.76	.82	.79	.76	.81	.78	.75	.80	.77	.75	.73
8.0	.81	.77	.74	.81	.76	.73	.80	.76	.73	.79	.75	.73	.77	.74	.72	.71
9.0	.79	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.70	.75	.72	.70	.69
10.0	.76	.72	.69	.76	.71	.69	.75	.71	.68	.74	.70	.68	.73	.70	.68	.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:

WEC AND CCEC

Test:U:226.6V I:0.1800A P:39.00W PF:0.9550 Lamp Flux:3375.31x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0	
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
p _{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.154	.087	.028	.146	.083	.026	.132	.076	.024	.119	.069	.022	.107	.062	.020		
2.0	.142	.078	.024	.136	.075	.023	.124	.069	.021	.113	.064	.020	.103	.059	.018		
3.0	.133	.071	.021	.127	.068	.021	.117	.064	.019	.108	.059	.018	.100	.055	.017		
4.0	.124	.065	.019	.120	.063	.019	.111	.059	.018	.103	.055	.017	.096	.052	.016		
5.0	.117	.060	.017	.113	.058	.017	.106	.055	.016	.099	.052	.015	.092	.049	.015		
6.0	.111	.055	.016	.107	.054	.016	.101	.052	.015	.095	.049	.014	.089	.047	.014		
7.0	.105	.052	.015	.102	.051	.014	.096	.049	.014	.091	.047	.014	.086	.045	.013		
8.0	.100	.049	.014	.097	.048	.014	.092	.046	.013	.087	.044	.013	.083	.042	.012		
9.0	.095	.046	.013	.093	.045	.013	.088	.044	.012	.084	.042	.012	.080	.041	.012		
10.0	.091	.044	.012	.089	.043	.012	.085	.042	.012	.081	.040	.011	.077	.039	.011		

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	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	.190	.178	.167	.162	.153	.144	.111	.105	.099	.064	.061	.058	.020	.020	.019	
2.0	.173	.153	.137	.148	.132	.118	.101	.091	.082	.058	.053	.048	.019	.017	.016	
3.0	.159	.134	.114	.136	.116	.099	.093	.080	.070	.054	.047	.041	.017	.015	.013	
4.0	.147	.119	.098	.126	.103	.085	.087	.072	.060	.050	.042	.035	.016	.014	.012	
5.0	.137	.107	.085	.117	.092	.074	.081	.065	.052	.047	.038	.031	.015	.012	.010	
6.0	.128	.097	.075	.110	.084	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
7.0	.121	.089	.067	.104	.077	.058	.072	.054	.041	.042	.032	.025	.013	.010	.008	
8.0	.115	.083	.061	.099	.072	.053	.068	.050	.037	.040	.030	.022	.013	.010	.007	
9.0	.109	.077	.055	.094	.067	.048	.065	.047	.034	.038	.028	.020	.012	.009	.007	
10.0	.104	.072	.051	.090	.063	.045	.062	.044	.032	.036	.026	.019	.012	.009	.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:0.1800A P:39.00W PF:0.9550 Lamp Flux:3375.31x1 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	15.1	15.8	15.3	16.0	16.2	15.5	16.2	15.7	16.4	16.6
	3H	15.3	15.9	15.5	16.2	16.4	15.6	16.3	15.9	16.5	16.7
	4H	15.4	16.1	15.7	16.3	16.6	15.8	16.4	16.1	16.6	16.9
	6H	15.7	16.3	16.0	16.6	16.9	16.0	16.6	16.3	16.9	17.2
	8H	15.9	16.5	16.2	16.8	17.1	16.2	16.7	16.5	17.0	17.3
	12H	16.1	16.7	16.5	17.0	17.3	16.4	17.0	16.8	17.3	17.6
4H	2H	15.0	15.6	15.3	15.9	16.1	15.3	16.0	15.6	16.2	16.5
	3H	15.3	15.8	15.6	16.1	16.5	15.6	16.2	16.0	16.5	16.8
	4H	15.6	16.1	16.0	16.4	16.8	15.9	16.4	16.3	16.7	17.1
	6H	16.0	16.5	16.4	16.9	17.2	16.3	16.7	16.7	17.1	17.5
	8H	16.3	16.8	16.8	17.1	17.6	16.6	17.0	17.0	17.4	17.8
	12H	16.7	17.1	17.2	17.5	18.0	16.9	17.3	17.4	17.7	18.2
8H	4H	15.7	16.1	16.1	16.5	16.9	15.9	16.3	16.4	16.7	17.2
	6H	16.3	16.6	16.8	17.1	17.5	16.5	16.9	17.0	17.3	17.8
	8H	16.7	17.1	17.2	17.5	18.0	16.9	17.2	17.4	17.7	18.2
	12H	17.4	17.6	17.9	18.1	18.6	17.5	17.8	18.0	18.3	18.8
12H	4H	15.7	16.0	16.1	16.5	16.9	15.9	16.3	16.4	16.7	17.2
	6H	16.4	16.7	16.9	17.1	17.6	16.6	16.9	17.1	17.3	17.8
	8H	16.9	17.2	17.4	17.6	18.2	17.1	17.3	17.6	17.8	18.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.7 / - 0.6					+ 0.7 / - 0.6					
1.5H	+ 1.4 / - 0.5					+ 1.6 / - 0.5					
2.0H	+ 0.2 / - 0.2					+ 0.3 / - 0.3					

CIE Pub.117 Corrected 3375 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.2)

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:0.1800A P:39.00W PF:0.9550 Lamp Flux:3375.31x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

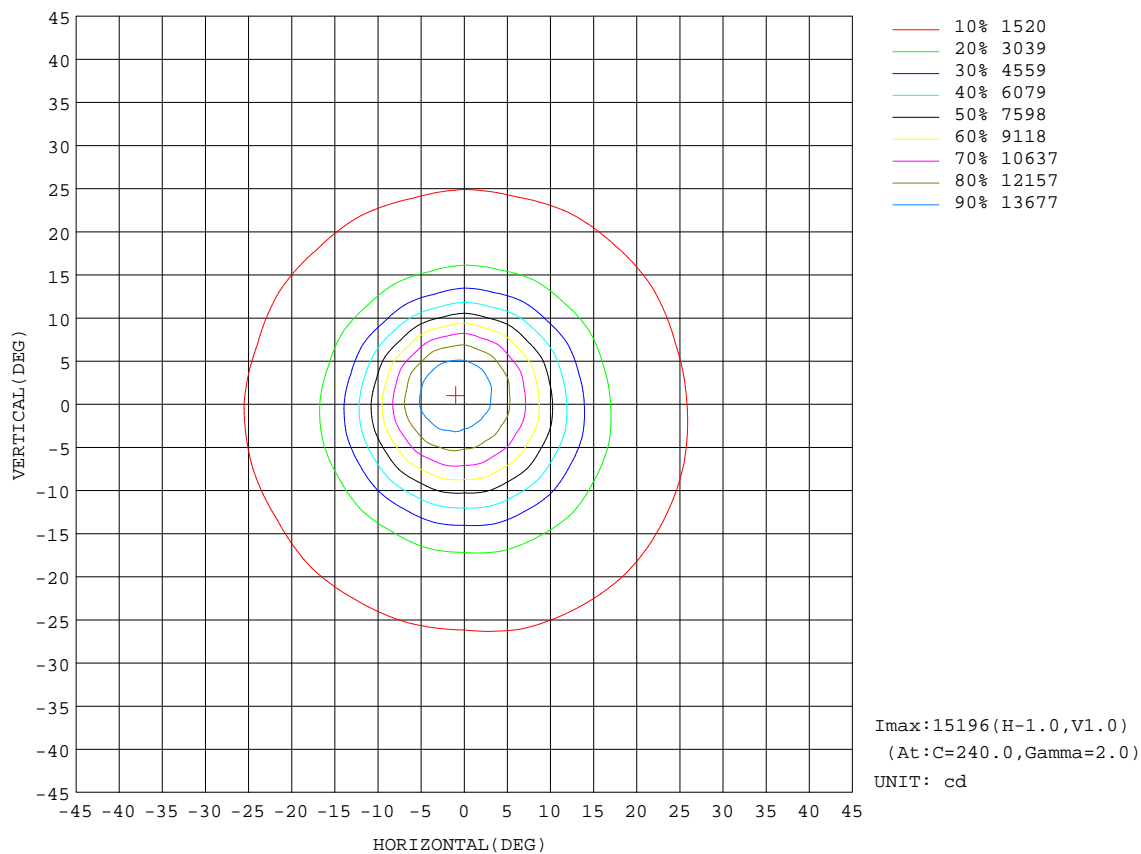
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	78	88	82	78	87	81	78	75
0.80	95	90	86	94	89	86	93	88	85	82
1.00	99	94	90	98	93	90	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	105	101	98	104	100	97	102	98	96	91
2.00	108	104	101	106	103	100	103	100	98	92
2.50	110	106	103	108	104	102	104	102	100	93
3.00	111	108	105	109	106	104	105	103	101	94
4.00	113	110	108	111	109	107	107	105	104	96
5.00	114	112	110	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:0.1800A P:39.00W PF:0.9550 Lamp Flux:3375.31x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



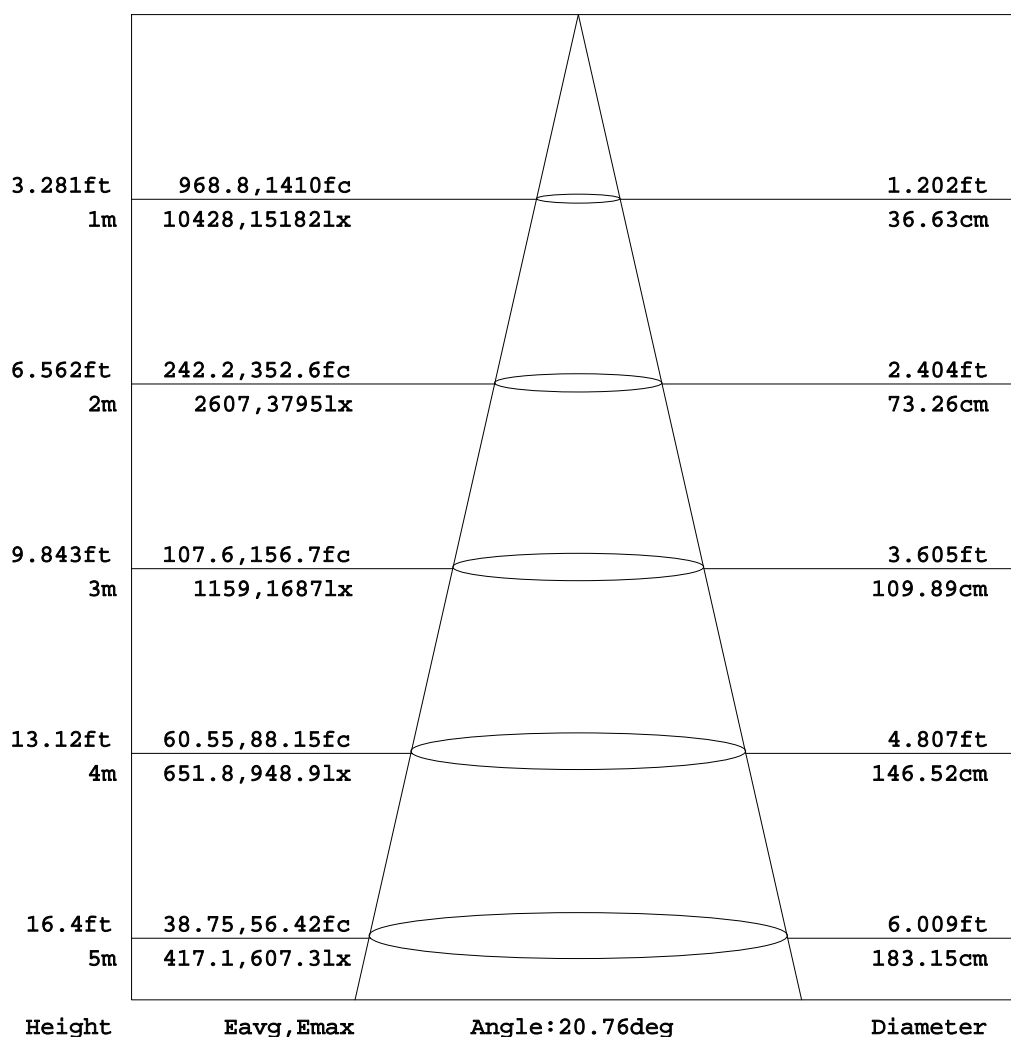
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZhangXiao
 Test Date:2016-07-29

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:0.1800A P:39.00W PF:0.9550 Lamp Flux:3375.31x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:1238 lm



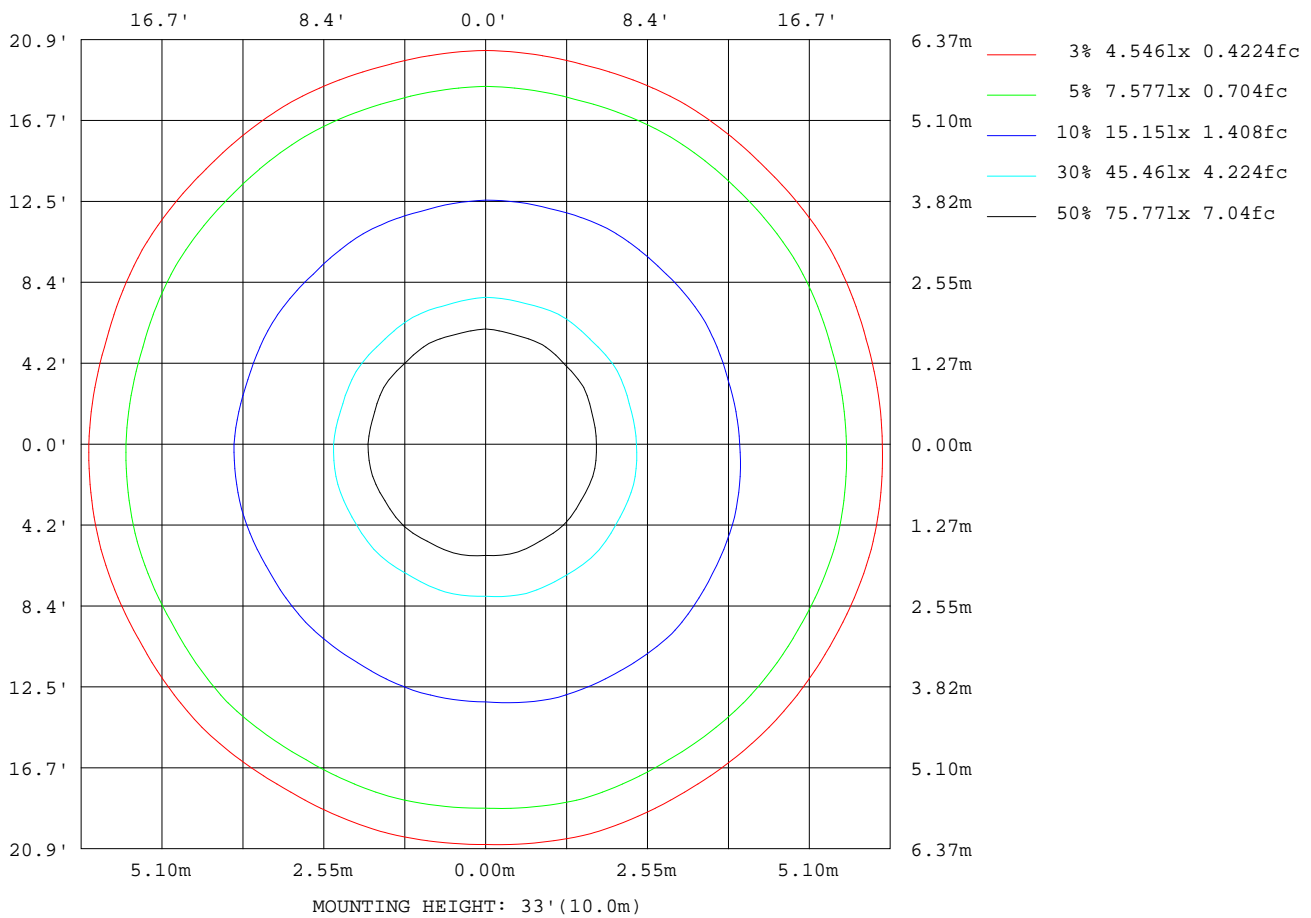
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

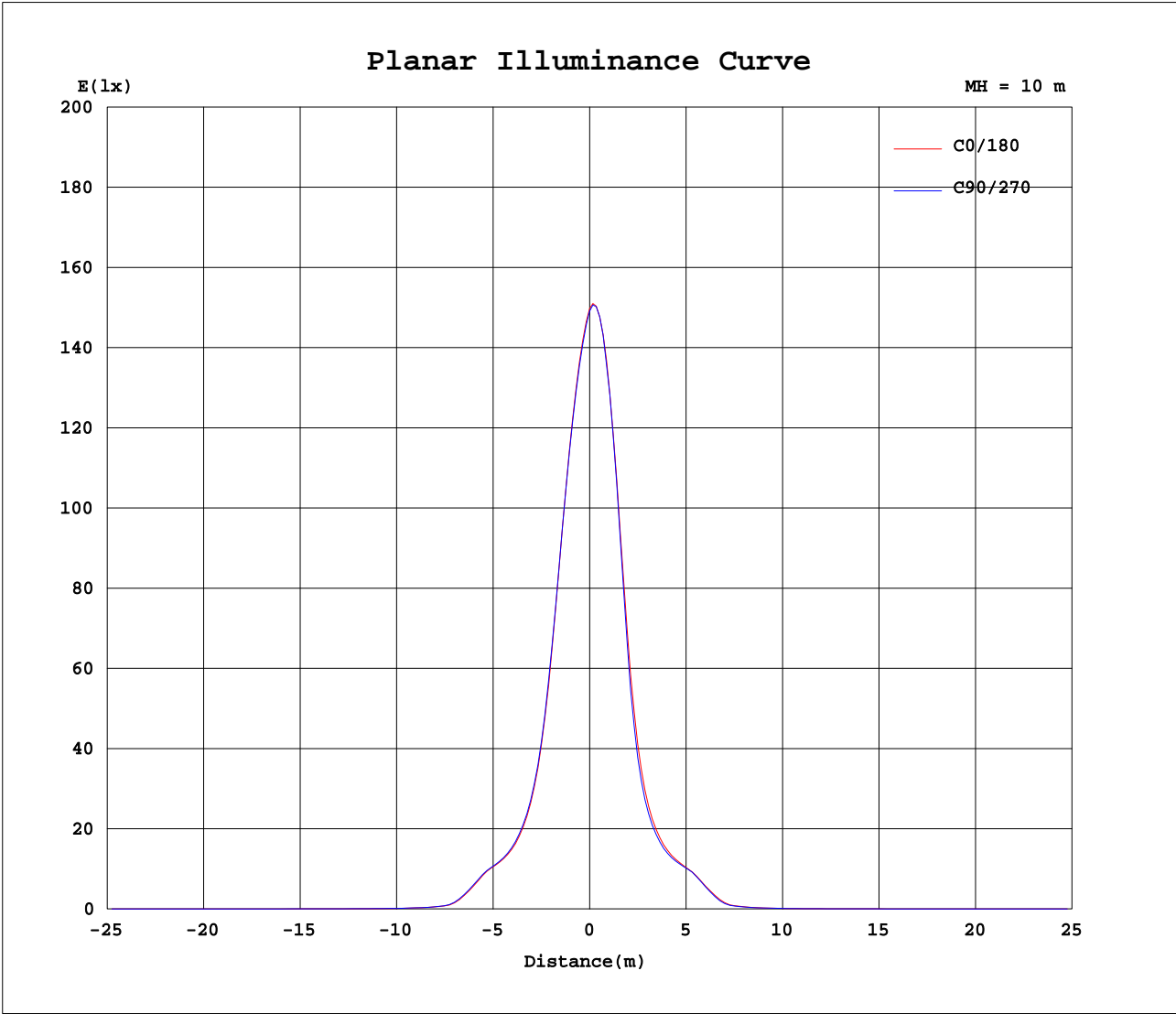
Test:U:226.6V I:0.1800A P:39.00W PF:0.9550 Lamp Flux:3375.31x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.1800A P:39.00W PF:0.9550 Lamp Flux:3375.31x1 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	1493	1493	1493	1493	1493	1493	1493	1493	1493	1493	1493	1493	1493	1493	1493	1493	1493	1493	1493
5	1234	1229	1212	1216	1210	1227	1233	1261	1275	1312	1327	1364	1380	1382	1396	1395	1398	1385	1374
10	780	791	781	796	786	799	788	807	805	834	829	855	855	830	852	817	842	810	833
15	390	406	406	419	411	414	399	403	392	401	389	396	387	363	366	345	353	341	357
20	219	228	232	240	236	235	227	225	219	219	215	217	214	204	205	198	201	197	202
25	157	161	164	167	166	166	160	160	157	157	154	156	155	151	152	149	151	149	152
30	108	113	112	115	114	118	113	115	112	115	110	111	108	103	106	102	104	102	105
35	27.9	31.1	30.3	32.2	31.2	33.7	30.8	32.2	29.1	31.1	29.3	30.8	28.9	26.1	27.4	25.2	25.9	23.6	24.7
40	9.24	9.54	9.38	9.66	9.51	9.80	9.66	9.77	9.32	9.40	9.00	9.24	9.09	8.63	8.80	8.60	8.64	8.36	8.48
45	4.79	4.92	4.88	4.91	4.90	5.03	5.02	5.05	4.84	4.87	4.70	4.77	4.66	4.51	4.60	4.51	4.54	4.44	4.51
50	3.08	3.16	3.18	3.20	3.22	3.26	3.26	3.23	3.16	3.16	3.12	3.16	3.10	3.03	3.04	2.99	2.99	2.99	3.03
55	2.35	2.40	2.41	2.40	2.43	2.47	2.47	2.43	2.42	2.42	2.39	2.40	2.33	2.31	2.32	2.30	2.31	2.31	2.32
60	2.00	2.03	2.01	1.99	2.00	2.05	2.04	2.04	2.03	2.04	2.01	2.00	1.92	1.92	1.94	1.93	1.95	1.95	1.95
65	1.75	1.75	1.75	1.72	1.73	1.76	1.77	1.77	1.77	1.77	1.75	1.75	1.69	1.69	1.70	1.70	1.71	1.72	1.72
70	1.49	1.49	1.49	1.47	1.48	1.50	1.50	1.50	1.50	1.50	1.49	1.50	1.45	1.45	1.46	1.45	1.47	1.46	1.46
75	1.25	1.25	1.26	1.25	1.26	1.27	1.27	1.26	1.26	1.26	1.25	1.26	1.24	1.21	1.22	1.20	1.22	1.21	1.22
80	1.04	1.04	1.05	1.05	1.05	1.05	1.05	1.06	1.05	1.05	1.05	1.06	1.06	1.05	1.05	1.04	1.05	1.04	1.04
85	0.87	0.87	0.86	0.86	0.86	0.86	0.86	0.87	0.87	0.87	0.86	0.88	0.93	0.91	0.90	0.90	0.90	0.90	0.90
90	0.70	0.69	0.67	0.66	0.67	0.67	0.67	0.68	0.68	0.68	0.68	0.69	0.86	0.82	0.80	0.80	0.80	0.80	0.80
95	0.62	0.59	0.58	0.57	0.58	0.57	0.58	0.58	0.59	0.58	0.59	0.60	0.87	0.84	0.82	0.82	0.82	0.82	0.82
100	0.56	0.55	0.54	0.54	0.54	0.54	0.54	0.54	0.55	0.54	0.54	0.55	0.85	0.84	0.83	0.83	0.83	0.83	0.83
105	0.60	0.60	0.60	0.59	0.60	0.59	0.60	0.59	0.60	0.59	0.60	0.60	0.87	0.87	0.87	0.87	0.87	0.87	0.87
110	0.70	0.70	0.70	0.69	0.70	0.69	0.70	0.69	0.70	0.70	0.71	0.70	0.92	0.92	0.92	0.92	0.92	0.92	0.92
115	0.82	0.81	0.81	0.80	0.81	0.80	0.81	0.81	0.82	0.82	0.83	0.82	0.99	0.99	1.00	1.00	1.00	1.00	1.00
120	0.95	0.94	0.94	0.93	0.94	0.93	0.94	0.94	0.95	0.95	0.96	0.96	1.11	1.12	1.12	1.12	1.12	1.12	1.12
125	1.16	1.15	1.15	1.13	1.15	1.13	1.15	1.14	1.16	1.15	1.17	1.16	1.30	1.31	1.31	1.32	1.32	1.32	1.32
130	1.50	1.48	1.49	1.47	1.48	1.47	1.48	1.47	1.49	1.48	1.49	1.49	1.59	1.61	1.60	1.61	1.60	1.62	1.61
135	1.89	1.87	1.88	1.86	1.88	1.86	1.87	1.86	1.88	1.87	1.88	1.87	1.95	1.96	1.95	1.96	1.96	1.97	1.97
140	2.23	2.21	2.22	2.20	2.22	2.20	2.22	2.21	2.23	2.22	2.23	2.23	2.28	2.29	2.29	2.29	2.29	2.30	2.30
145	2.48	2.46	2.47	2.46	2.47	2.46	2.47	2.46	2.48	2.48	2.49	2.48	2.53	2.54	2.54	2.54	2.54	2.55	2.56
150	2.64	2.63	2.64	2.63	2.64	2.63	2.64	2.63	2.65	2.64	2.65	2.65	2.69	2.69	2.69	2.69	2.70	2.70	2.70
155	2.75	2.74	2.75	2.74	2.75	2.74	2.75	2.74	2.75	2.75	2.75	2.75	2.78	2.78	2.78	2.78	2.79	2.78	2.79
160	2.82	2.81	2.82	2.81	2.82	2.81	2.82	2.81	2.82	2.81	2.82	2.82	2.84	2.84	2.84	2.83	2.84	2.83	2.84
165	2.86	2.86	2.87	2.86	2.87	2.86	2.87	2.86	2.86	2.86	2.86	2.85	2.87	2.87	2.87	2.87	2.87	2.86	2.87
170	2.83	2.83	2.84	2.83	2.84	2.83	2.83	2.83	2.83	2.82	2.82	2.82	2.85	2.84	2.85	2.84	2.84	2.84	2.84
175	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.72	2.72	2.72	2.72	2.76	2.75	2.76	2.75	2.76	2.75	2.75
180	2.70	2.70	2.71	2.71	2.72	2.71	2.72	2.71	2.71	2.71	2.71	2.71	2.71	2.70	2.71	2.71	2.72	2.71	2.72

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.6V I:0.1800A P:39.00W PF:0.9550 Lamp Flux:3375.31x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: x10cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1493	1493	1493	1493	1493														
5	1350	1341	1299	1287	1250														
10	804	824	795	809	780														
15	352	372	368	386	380														
20	201	208	207	214	214														
25	150	153	153	156	155														
30	103	107	106	109	107														
35	23.9	25.7	24.8	26.8	26.0														
40	8.46	8.68	8.58	8.97	8.94														
45	4.47	4.54	4.46	4.66	4.64														
50	3.00	2.99	2.94	3.00	3.00														
55	2.30	2.31	2.26	2.27	2.29														
60	1.93	1.93	1.94	1.96	1.96														
65	1.70	1.70	1.71	1.72	1.72														
70	1.45	1.45	1.46	1.46	1.46														
75	1.21	1.22	1.23	1.23	1.24														
80	1.04	1.04	1.04	1.04	1.04														
85	0.90	0.90	0.90	0.91	0.91														
90	0.81	0.81	0.81	0.81	0.82														
95	0.82	0.82	0.82	0.82	0.83														
100	0.84	0.84	0.84	0.84	0.84														
105	0.87	0.87	0.87	0.87	0.87														
110	0.92	0.92	0.93	0.92	0.92														
115	1.00	1.00	1.00	0.99	1.00														
120	1.12	1.12	1.12	1.11	1.11														
125	1.32	1.31	1.32	1.30	1.31														
130	1.62	1.61	1.62	1.60	1.61														
135	1.97	1.96	1.97	1.96	1.97														
140	2.30	2.29	2.30	2.29	2.29														
145	2.55	2.54	2.54	2.53	2.55														
150	2.70	2.69	2.70	2.69	2.70														
155	2.79	2.79	2.79	2.78	2.79														
160	2.84	2.84	2.84	2.84	2.84														
165	2.87	2.87	2.87	2.87	2.88														
170	2.84	2.84	2.84	2.84	2.84														
175	2.75	2.75	2.74	2.74	2.74														
180	2.71	2.71	2.71	2.71	2.71														

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: