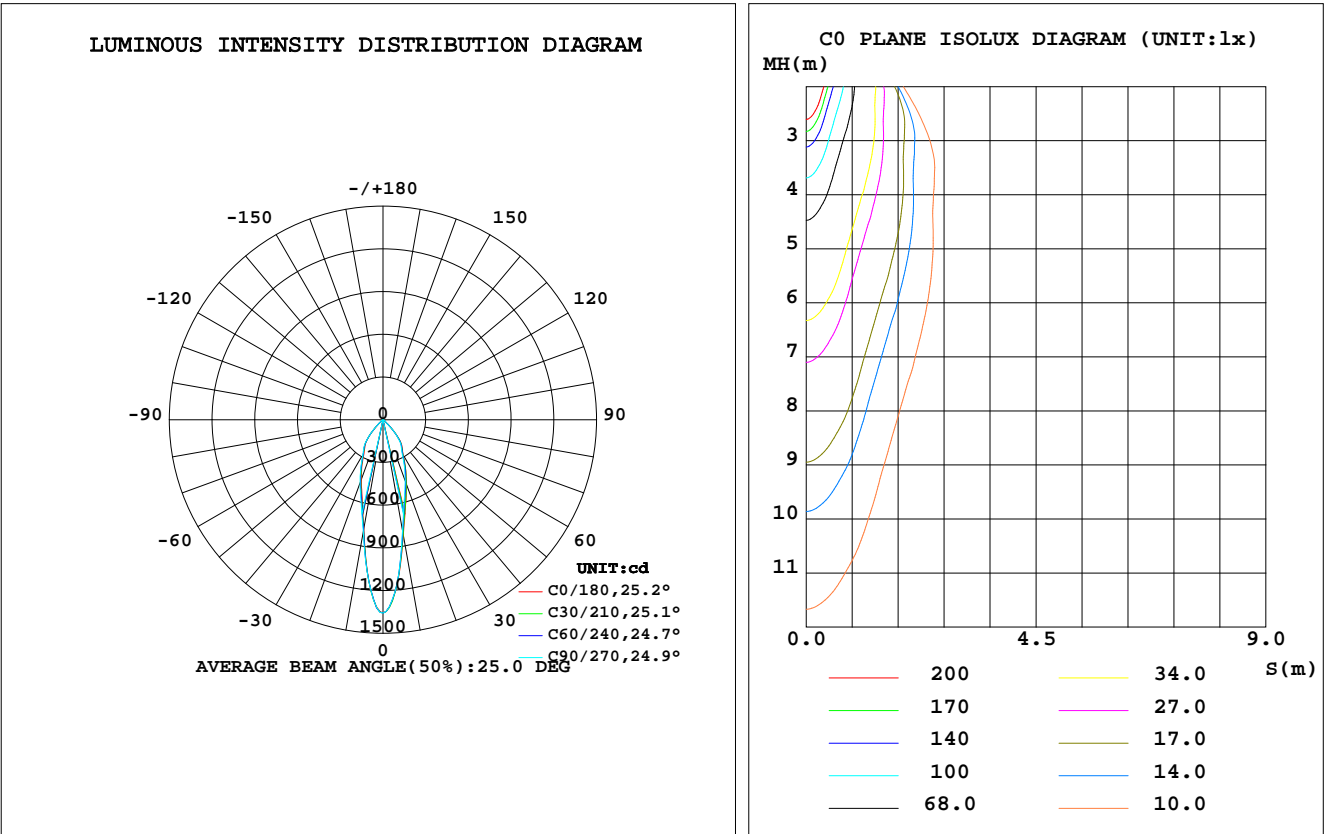


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:226.5V I:0.0440A P:8.530W PF:0.8400 Lamp Flux:683.354x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.11 lm/W			
MODEL	M021-9W-930-S-28	Imax(cd)	1358	S/MH(C0/180)	0.43
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.40
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	683.35	η UP,DN(C0-180)	1.1,48.8
NOMINAL FLUX(lm)	683.354	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,48.9
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.5	η down(%)	97.6	CIBSE SHR MAX	0.55



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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	822.6	815.1	792.7	788.8	780.3	778.1	799.7	811.2	0- 10	97.71	97.71	14.3,14.3
20	482.1	480.9	456.7	446.3	446.5	455.2	473.0	479.5	10- 20	166.5	264.2	38.7,38.7
30	283.0	280.3	269.4	270.7	267.3	277.4	283.7	285.7	20- 30	166.4	430.6	63,63
40	172.7	170.5	160.6	155.6	156.6	155.4	162.4	170.7	30- 40	140.1	570.7	83.5,83.5
50	23.97	25.02	24.13	24.86	23.27	22.62	23.35	23.86	40- 50	60.68	631.3	92.4,92.4
60	12.26	12.45	12.21	12.59	12.09	11.95	11.82	12.01	50- 60	14.86	646.2	94.6,94.6
70	7.549	7.568	7.463	7.886	7.820	7.717	7.557	7.353	60- 70	9.723	655.9	96,96
80	5.145	5.118	5.162	5.745	5.838	5.747	5.511	5.028	70- 80	6.807	662.7	97,97
90	1.088	1.103	1.088	1.082	1.263	1.271	1.263	1.265	80- 90	4.470	667.2	97.6,97.6
100	1.170	1.180	1.172	1.200	1.492	1.476	1.488	1.463	90-100	1.352	668.6	97.8,97.8
110	1.514	1.519	1.524	1.569	1.832	1.815	1.812	1.790	100-110	1.574	670.1	98.1,98.1
120	1.999	2.031	2.049	2.091	2.322	2.296	2.284	2.256	110-120	1.888	672.0	98.3,98.3
130	2.749	2.779	2.812	2.853	3.038	3.018	2.985	2.954	120-130	2.246	674.3	98.7,98.7
140	3.639	3.664	3.704	3.744	3.855	3.834	3.802	3.780	130-140	2.576	676.8	99,99
150	4.252	4.276	4.293	4.325	4.386	4.369	4.364	4.343	140-150	2.548	679.4	99.4,99.4
160	4.686	4.708	4.693	4.730	4.780	4.769	4.764	4.757	150-160	2.096	681.5	99.7,99.7
170	4.980	5.000	4.975	5.003	5.031	5.026	5.036	5.036	160-170	1.381	682.9	99.9,99.9
180	5.124	5.126	5.118	5.134	5.129	5.126	5.123	5.134	170-180	0.4828	683.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

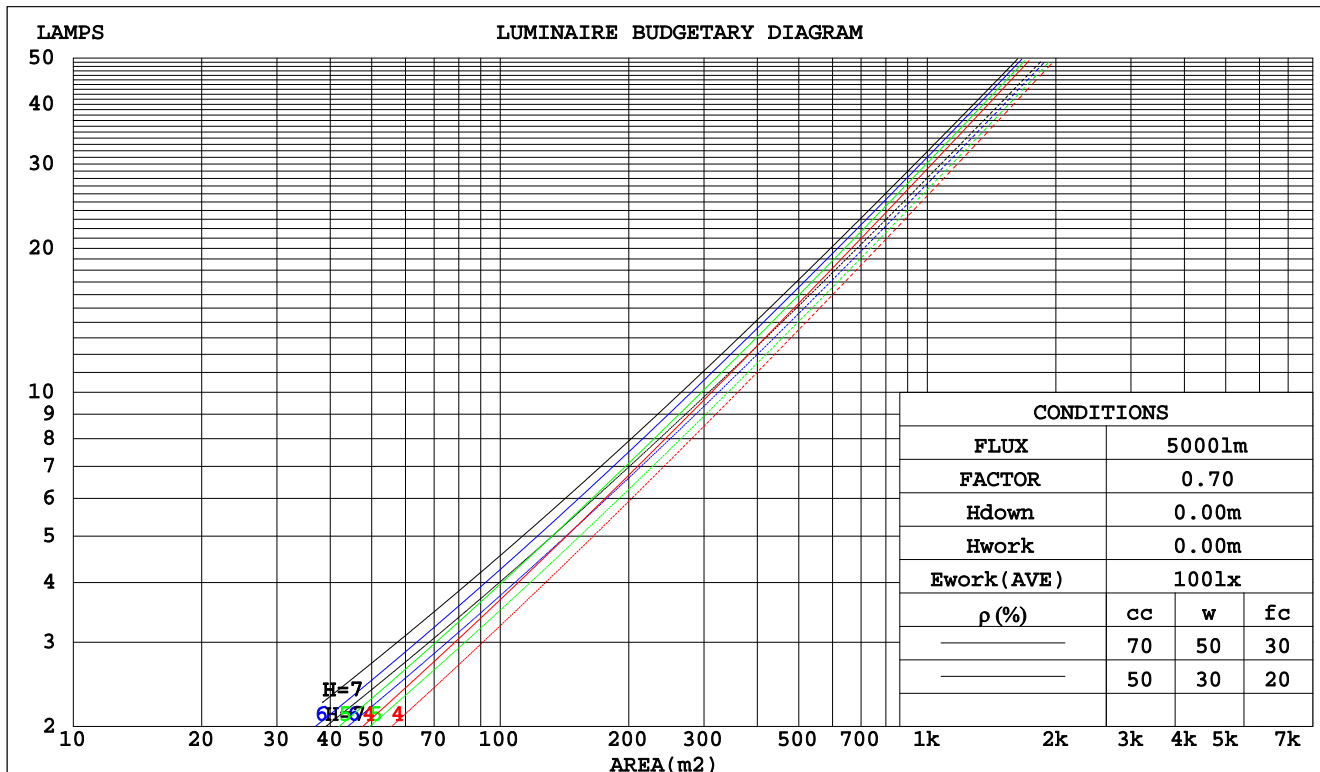
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:0.0440A P:8.530W PF:0.8400 Lamp Flux:683.354x1 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	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.09	1.07	1.04	1.07	1.04	1.02	1.02	1.00	.99	.98	.97	.95	.94	.93	.92	.90
2.0	1.01	.97	.93	.99	.95	.92	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.94	.88	.84	.92	.87	.83	.89	.85	.82	.86	.83	.80	.84	.81	.79	.77
4.0	.87	.82	.77	.86	.81	.76	.84	.79	.75	.81	.77	.74	.79	.76	.73	.71
5.0	.82	.76	.71	.81	.75	.71	.78	.73	.70	.76	.72	.69	.75	.71	.68	.66
6.0	.76	.70	.66	.76	.70	.66	.74	.69	.65	.72	.68	.64	.71	.67	.64	.62
7.0	.72	.66	.61	.71	.65	.61	.70	.64	.61	.68	.64	.60	.67	.63	.60	.58
8.0	.68	.62	.57	.67	.61	.57	.66	.61	.57	.65	.60	.56	.63	.59	.56	.55
9.0	.64	.58	.54	.63	.58	.54	.62	.57	.53	.61	.57	.53	.60	.56	.53	.52
10.0	.61	.55	.51	.60	.55	.51	.59	.54	.51	.58	.54	.50	.57	.53	.50	.49



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:0.0440A P:8.530W PF:0.8400 Lamp Flux:683.354x1 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	.196	.111	.035	.188	.107	.034	.174	.100	.032	.161	.093	.030	.149	.087	.028	
2.0	.184	.101	.031	.178	.098	.030	.166	.092	.029	.155	.087	.027	.145	.082	.026	
3.0	.174	.093	.028	.168	.090	.027	.158	.086	.026	.148	.081	.025	.140	.077	.024	
4.0	.164	.085	.025	.159	.083	.025	.150	.080	.024	.142	.076	.023	.134	.073	.022	
5.0	.155	.079	.023	.151	.078	.023	.143	.075	.022	.136	.072	.021	.129	.069	.021	
6.0	.147	.074	.021	.144	.073	.021	.137	.070	.020	.130	.068	.020	.124	.065	.019	
7.0	.140	.069	.020	.137	.068	.019	.130	.066	.019	.124	.064	.019	.119	.062	.018	
8.0	.133	.065	.018	.130	.064	.018	.125	.062	.018	.119	.060	.017	.114	.059	.017	
9.0	.127	.061	.017	.124	.061	.017	.119	.059	.017	.114	.057	.016	.110	.056	.016	
10.0	.121	.058	.016	.119	.057	.016	.114	.056	.016	.110	.055	.016	.106	.053	.015	

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	.208	.208	.208	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.191	.175	.162	.163	.150	.139	.112	.104	.096	.064	.060	.056	.021	.019	.018	
2.0	.176	.151	.129	.151	.130	.112	.103	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.164	.132	.106	.141	.114	.092	.097	.079	.065	.056	.046	.038	.018	.015	.012	
4.0	.154	.118	.089	.132	.102	.078	.091	.071	.055	.053	.041	.032	.017	.013	.011	
5.0	.146	.106	.077	.125	.092	.067	.086	.064	.047	.050	.038	.028	.016	.012	.009	
6.0	.138	.097	.067	.119	.084	.059	.082	.059	.041	.048	.035	.025	.015	.011	.008	
7.0	.132	.089	.060	.113	.078	.052	.078	.054	.037	.046	.032	.022	.015	.010	.007	
8.0	.126	.083	.054	.108	.072	.047	.075	.051	.033	.044	.030	.020	.014	.010	.007	
9.0	.121	.078	.049	.104	.068	.043	.072	.048	.031	.042	.028	.018	.014	.009	.006	
10.0	.116	.074	.046	.100	.064	.040	.069	.045	.028	.040	.027	.017	.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:226.5V I:0.0440A P:8.530W PF:0.8400 Lamp Flux:683.354x1 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	23.1	24.1	23.4	24.3	24.5	22.9	23.8	23.1	24.1	24.3
	3H	23.1	24.0	23.4	24.3	24.5	22.9	23.8	23.2	24.1	24.3
	4H	23.2	24.0	23.5	24.3	24.6	23.0	23.8	23.3	24.1	24.4
	6H	23.3	24.1	23.7	24.4	24.7	23.1	23.9	23.5	24.2	24.5
	8H	23.4	24.2	23.8	24.5	24.8	23.2	24.0	23.6	24.3	24.6
	12H	23.5	24.3	23.9	24.6	24.9	23.4	24.1	23.7	24.4	24.8
4H	2H	22.9	23.8	23.2	24.0	24.3	22.7	23.6	23.0	23.8	24.1
	3H	23.0	23.8	23.4	24.1	24.4	22.8	23.6	23.2	23.9	24.2
	4H	23.2	23.9	23.6	24.2	24.6	23.0	23.7	23.4	24.0	24.4
	6H	23.5	24.0	23.9	24.4	24.8	23.3	23.9	23.7	24.2	24.6
	8H	23.6	24.2	24.1	24.6	25.0	23.5	24.0	23.9	24.4	24.8
	12H	23.9	24.4	24.4	24.8	25.3	23.7	24.2	24.2	24.7	25.1
8H	4H	23.2	23.7	23.6	24.1	24.6	23.0	23.6	23.4	23.9	24.4
	6H	23.6	24.0	24.0	24.5	24.9	23.4	23.9	23.9	24.3	24.8
	8H	23.9	24.3	24.4	24.7	25.2	23.7	24.1	24.2	24.6	25.1
	12H	24.3	24.7	24.8	25.1	25.7	24.2	24.5	24.7	25.0	25.5
12H	4H	23.2	23.7	23.6	24.1	24.5	23.0	23.5	23.4	23.9	24.4
	6H	23.6	24.0	24.1	24.5	25.0	23.4	23.8	23.9	24.3	24.8
	8H	24.0	24.3	24.5	24.8	25.3	23.8	24.2	24.3	24.6	25.2
Variations with the observer position at spacings:											
S = 1.0H	+ 1.7 / - 3.1					+ 1.7 / - 3.0					
1.5H	+ 3.5 / - 3.2					+ 3.4 / - 3.0					
2.0H	+ 3.6 / - 0.9					+ 3.3 / - 0.9					

CIE Pub.117 Corrected 683.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.3)

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:

UTILIZATION FACTORS TABLE

Test:U:226.5V I:0.0440A P:8.530W PF:0.8400 Lamp Flux:683.354x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

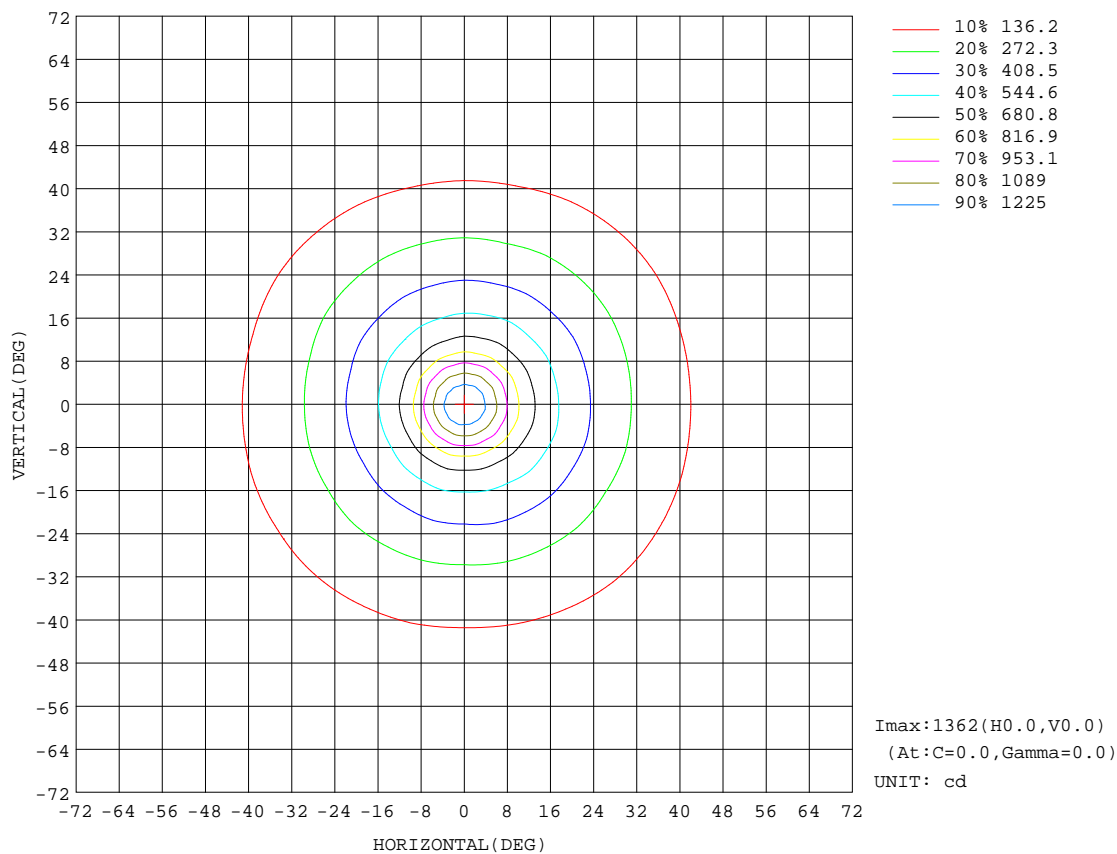
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	81	74	70	81	74	70	80	73	69	65
0.80	89	82	78	89	82	78	87	81	77	73
1.00	95	88	84	94	87	83	92	87	83	78
1.25	99	93	89	98	92	88	96	91	88	83
1.50	102	97	93	101	96	92	98	94	91	85
2.00	106	101	97	104	99	96	101	97	94	88
2.50	108	103	100	106	102	99	102	99	96	90
3.00	109	105	102	107	104	101	104	101	98	91
4.00	112	108	106	109	107	104	105	103	101	93
5.00	113	110	108	111	108	106	106	105	103	94
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:0.0440A P:8.530W PF:0.8400 Lamp Flux:683.354x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



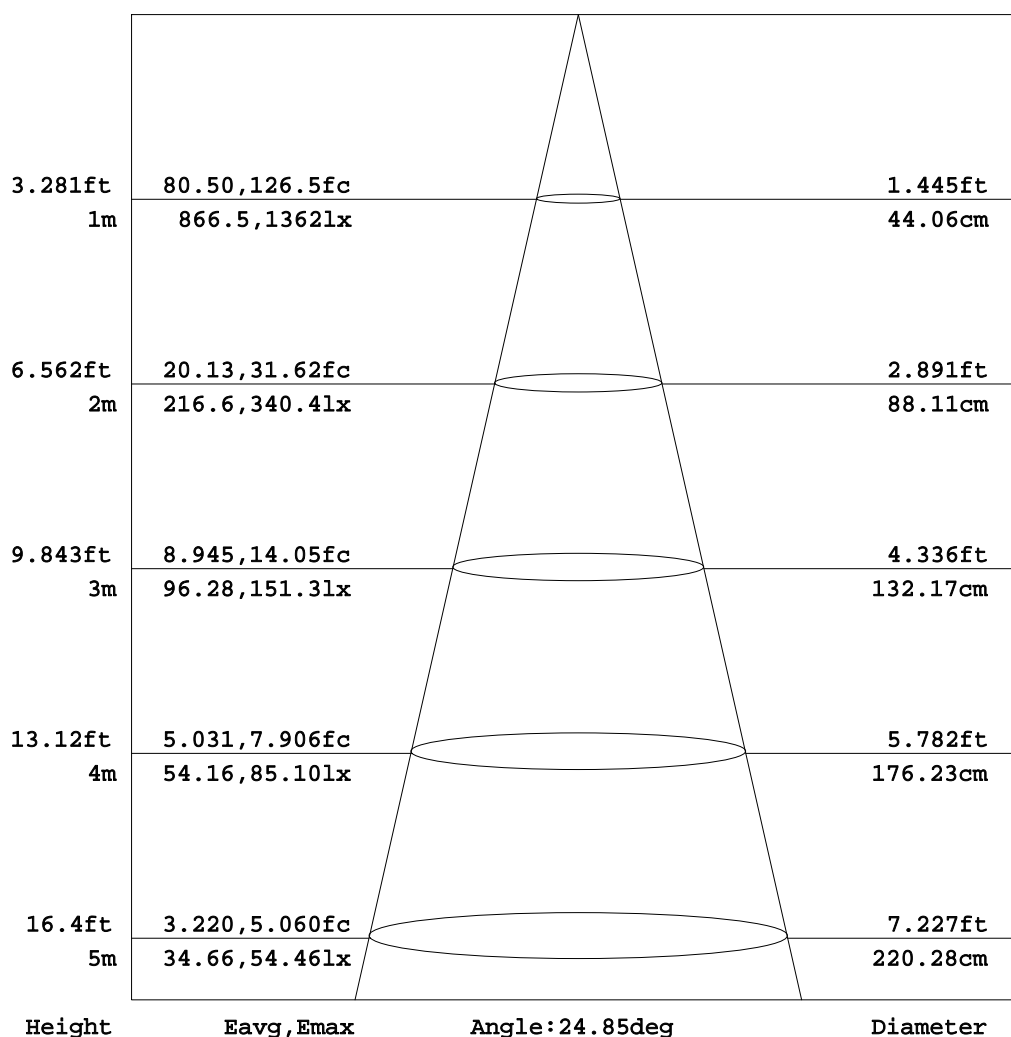
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZhangXiao
 Test Date:2015-12-07

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:0.0440A P:8.530W PF:0.8400 Lamp Flux:683.354x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:145.1 lm



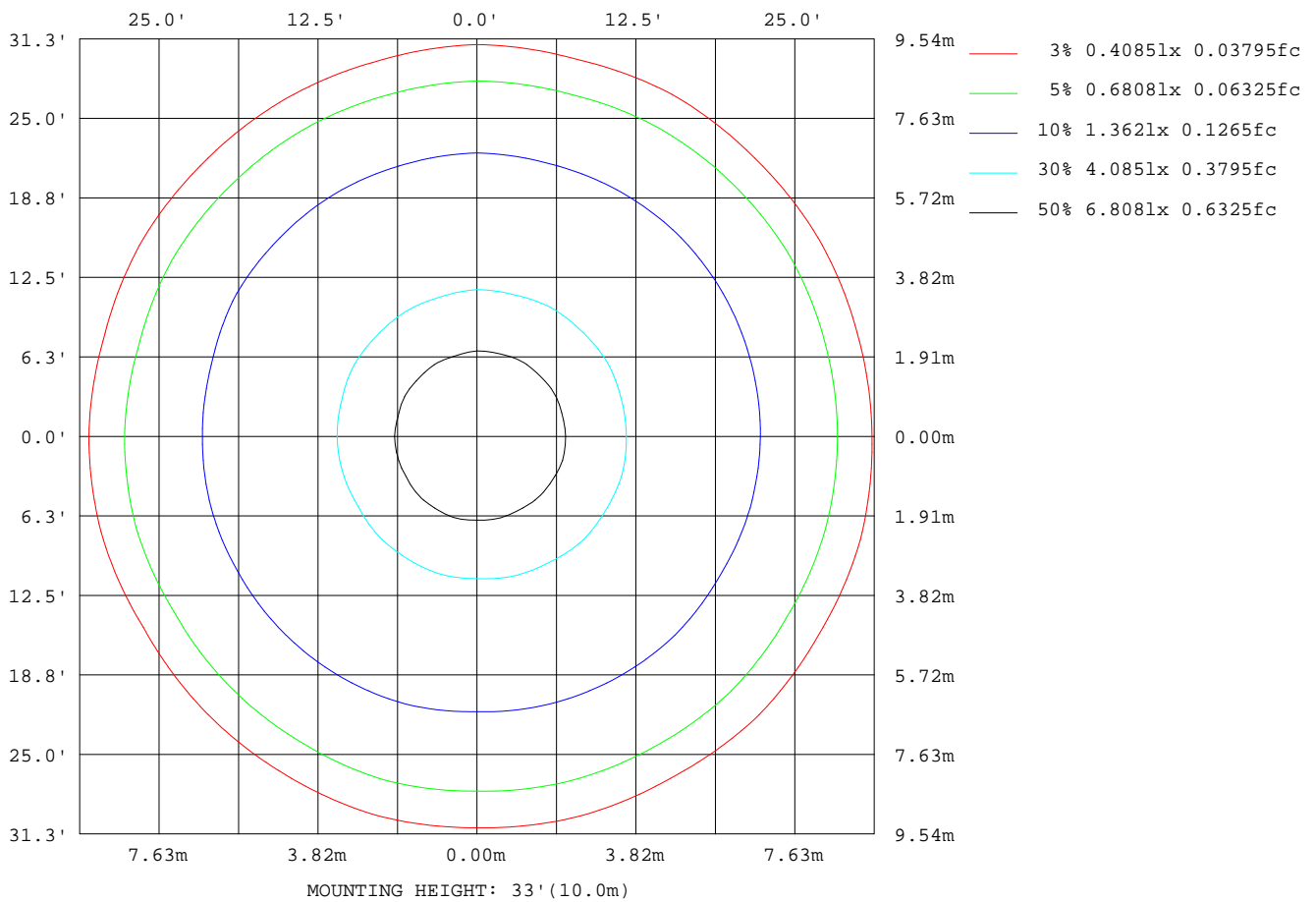
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

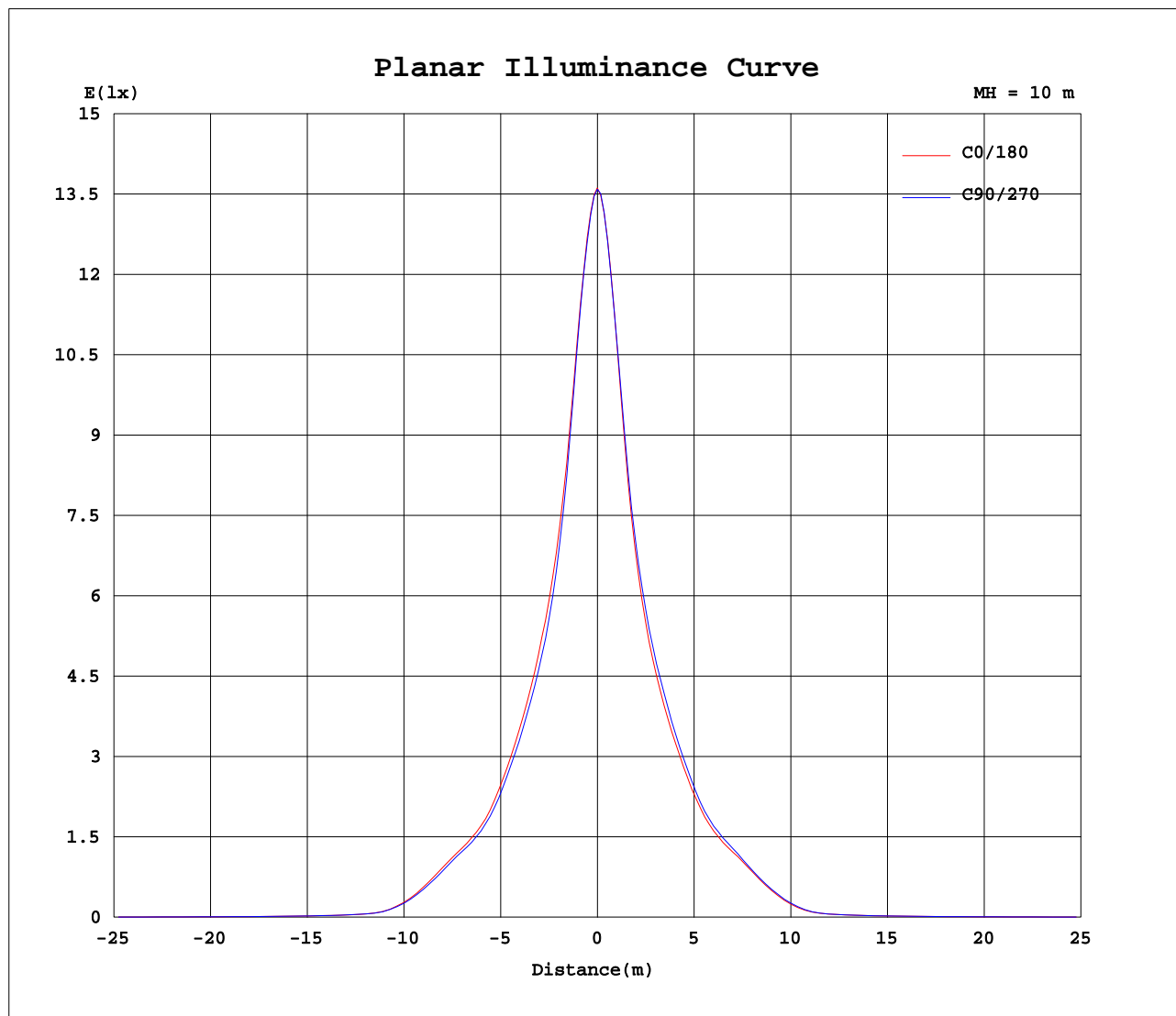
Test:U:226.5V I:0.0440A P:8.530W PF:0.8400 Lamp Flux:683.354x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.0440A P:8.530W PF:0.8400 Lamp Flux:683.354x1 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	1358	1358	1358	1358	1358	1358	1358	1358	1358	1358	1358	1358	1358	1358	1358	1358	1358	1358	1358
5	1156	1163	1154	1162	1149	1156	1149	1156	1147	1151	1139	1143	1140	1130	1141	1130	1140	1132	1141
10	823	829	816	815	799	801	793	801	791	789	777	780	780	773	785	778	788	785	800
15	615	619	608	602	588	585	578	584	575	573	563	565	569	569	578	576	584	585	597
20	482	485	479	481	467	465	457	457	448	446	440	444	446	448	458	455	463	464	473
25	375	378	373	372	365	364	355	355	349	350	344	347	349	350	359	359	364	364	370
30	283	284	280	280	277	274	269	271	270	271	266	268	267	269	277	277	280	280	284
35	234	233	229	230	228	226	223	225	224	222	221	222	220	221	227	228	229	230	234
40	173	173	168	171	166	165	161	163	158	156	152	158	157	153	157	155	157	158	162
45	78.4	81.7	80.7	80.4	78.4	77.6	74.2	75.5	71.5	68.6	65.4	68.0	69.0	67.1	70.5	68.3	70.9	70.8	74.8
50	24.0	24.8	25.0	25.0	25.0	25.6	24.1	24.0	24.5	24.9	24.2	24.1	23.3	22.7	23.0	22.6	22.9	22.7	23.3
55	16.1	16.5	16.7	16.8	16.7	17.1	16.3	16.3	16.4	16.6	16.2	16.1	15.8	15.6	15.8	15.6	15.6	15.5	15.6
60	12.3	12.3	12.4	12.4	12.4	12.6	12.2	12.2	12.4	12.6	12.4	12.3	12.1	11.9	12.0	12.0	11.9	11.8	11.8
65	9.87	9.87	9.79	9.87	9.81	9.95	9.75	9.77	9.90	10.1	10.0	10.0	9.84	9.72	9.76	9.76	9.81	9.70	9.63
70	7.55	7.62	7.55	7.57	7.48	7.57	7.46	7.55	7.65	7.89	7.90	7.91	7.82	7.73	7.75	7.72	7.74	7.62	7.56
75	6.24	6.29	6.23	6.22	6.13	6.18	6.19	6.33	6.49	6.69	6.75	6.77	6.73	6.66	6.66	6.64	6.64	6.55	6.44
80	5.15	5.23	5.18	5.12	5.03	5.16	5.16	5.35	5.54	5.75	5.86	5.87	5.84	5.78	5.77	5.75	5.74	5.76	5.51
85	4.24	4.36	4.33	4.25	4.18	4.29	4.33	4.53	4.72	4.91	5.00	5.01	4.97	4.86	4.83	4.82	4.85	4.90	4.67
90	1.09	1.09	1.09	1.10	1.09	1.12	1.09	1.08	1.09	1.08	1.11	1.10	1.26	1.27	1.27	1.27	1.27	1.34	1.26
95	1.08	1.10	1.09	1.10	1.10	1.11	1.10	1.11	1.09	1.11	1.11	1.13	1.37	1.36	1.37	1.35	1.36	1.37	1.36
100	1.17	1.18	1.16	1.18	1.17	1.19	1.17	1.19	1.18	1.20	1.19	1.20	1.49	1.48	1.49	1.48	1.49	1.48	1.49
105	1.30	1.32	1.31	1.33	1.32	1.34	1.32	1.34	1.34	1.35	1.34	1.36	1.65	1.63	1.65	1.63	1.64	1.63	1.63
110	1.51	1.52	1.51	1.52	1.51	1.54	1.52	1.55	1.56	1.57	1.56	1.57	1.83	1.82	1.83	1.82	1.82	1.82	1.81
115	1.73	1.74	1.74	1.76	1.75	1.77	1.77	1.79	1.79	1.80	1.81	1.80	2.05	2.04	2.05	2.03	2.04	2.03	2.02
120	2.00	2.02	2.02	2.03	2.03	2.05	2.05	2.07	2.08	2.09	2.09	2.09	2.32	2.31	2.32	2.30	2.30	2.28	2.28
125	2.34	2.35	2.35	2.37	2.37	2.39	2.40	2.42	2.42	2.43	2.44	2.44	2.65	2.64	2.64	2.63	2.62	2.60	2.59
130	2.75	2.76	2.77	2.78	2.78	2.80	2.81	2.83	2.83	2.85	2.86	2.85	3.04	3.04	3.04	3.02	3.01	3.01	2.98
135	3.21	3.22	3.23	3.24	3.25	3.26	3.28	3.29	3.31	3.31	3.31	3.32	3.46	3.46	3.46	3.45	3.44	3.42	3.41
140	3.64	3.65	3.66	3.66	3.68	3.70	3.70	3.72	3.73	3.74	3.75	3.74	3.86	3.85	3.85	3.83	3.83	3.81	3.80
145	3.99	4.00	4.00	4.02	4.02	4.04	4.03	4.06	4.06	4.08	4.07	4.08	4.15	4.15	4.16	4.14	4.14	4.13	4.12
150	4.25	4.26	4.26	4.28	4.27	4.30	4.29	4.31	4.31	4.33	4.32	4.32	4.39	4.39	4.39	4.37	4.38	4.36	4.36
155	4.48	4.49	4.49	4.50	4.50	4.51	4.51	4.52	4.52	4.53	4.53	4.54	4.60	4.59	4.60	4.58	4.58	4.58	4.58
160	4.69	4.70	4.69	4.71	4.69	4.71	4.69	4.72	4.72	4.73	4.72	4.73	4.78	4.77	4.78	4.77	4.78	4.76	4.76
165	4.84	4.87	4.86	4.87	4.85	4.87	4.86	4.88	4.87	4.88	4.88	4.89	4.93	4.91	4.93	4.91	4.92	4.91	4.92
170	4.98	5.00	4.98	5.00	4.98	4.99	4.98	5.00	4.99	5.00	4.99	5.01	5.03	5.03	5.04	5.03	5.03	5.02	5.04
175	5.06	5.08	5.06	5.07	5.06	5.07	5.05	5.07	5.07	5.08	5.07	5.08	5.08	5.09	5.09	5.08	5.08	5.08	5.09
180	5.12	5.13	5.13	5.13	5.12	5.12	5.12	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.12	5.12	5.12

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:0.0440A P:8.530W PF:0.8400 Lamp Flux:683.354x1 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	1358	1358	1358	1358	1358														
5	1135	1154	1145	1160	1152														
10	797	813	811	824	818														
15	600	612	608	617	612														
20	471	481	480	486	482														
25	368	374	375	380	375														
30	282	286	286	289	285														
35	231	235	237	237	235														
40	161	168	171	175	173														
45	72.1	77.0	75.3	77.3	76.2														
50	22.9	23.7	23.9	24.5	24.1														
55	15.5	15.7	15.7	16.0	16.0														
60	11.7	11.9	12.0	12.2	12.3														
65	9.53	9.63	9.66	9.84	9.83														
70	7.43	7.40	7.35	7.43	7.49														
75	6.28	6.17	6.10	6.13	6.19														
80	5.32	5.15	5.03	5.06	5.14														
85	4.44	4.25	4.09	4.12	4.23														
90	1.27	1.26	1.27	1.28	1.29														
95	1.34	1.36	1.34	1.36	1.34														
100	1.47	1.48	1.46	1.48	1.46														
105	1.63	1.63	1.61	1.63	1.60														
110	1.79	1.80	1.79	1.80	1.78														
115	2.00	2.01	2.00	2.01	1.99														
120	2.26	2.27	2.26	2.26	2.25														
125	2.57	2.59	2.57	2.58	2.56														
130	2.97	2.97	2.95	2.96	2.95														
135	3.39	3.39	3.39	3.38	3.38														
140	3.79	3.79	3.78	3.78	3.77														
145	4.10	4.11	4.10	4.10	4.09														
150	4.36	4.35	4.34	4.35	4.34														
155	4.57	4.58	4.56	4.57	4.55														
160	4.76	4.78	4.76	4.77	4.76														
165	4.92	4.93	4.92	4.92	4.91														
170	5.03	5.04	5.04	5.05	5.03														
175	5.08	5.10	5.09	5.10	5.10														
180	5.13	5.13	5.13	5.13	5.13														

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: