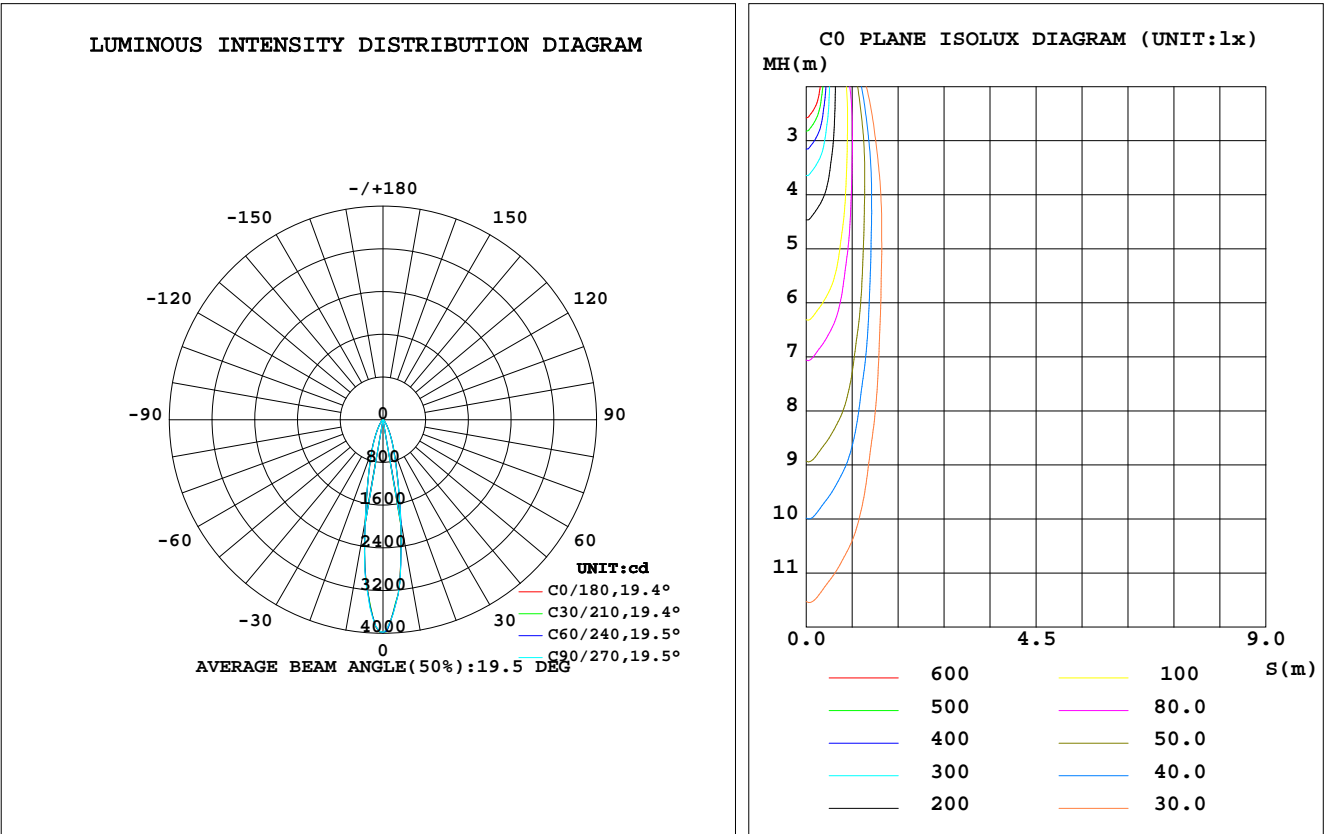


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:226.5V I:0.0440A P:8.490W PF:0.8400 Lamp Flux:881.163x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 103.79 lm/W			
MODEL	M022-9W-830-S-16	Imax(cd)	3996	S/MH(C0/180)	0.33
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.33
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	881.17	η UP,DN(C0-180)	1.2,48.6
NOMINAL FLUX(lm)	881.163	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.8
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.5	η down(%)	97.4	CIBSE SHR MAX	1.00



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	1905	1982	1930	1944	1936	1859	1917	1883	0- 10	267.7	267.7	30.4,30.4
20	581.8	585.8	565.4	587.0	605.6	584.7	595.0	568.5	10- 20	290.3	558.0	63.3,63.3
30	198.0	197.9	189.8	194.3	200.2	194.1	193.7	194.9	20- 30	160.5	718.5	81.5,81.5
40	70.99	70.60	67.08	68.72	71.68	70.00	70.48	68.94	30- 40	74.84	793.4	90,90
50	24.27	23.78	23.39	24.22	24.83	24.90	25.03	24.39	40- 50	33.62	827.0	93.9,93.9
60	10.69	10.03	10.12	10.25	11.32	12.02	11.98	10.61	50- 60	14.45	841.4	95.5,95.5
70	6.421	6.171	6.110	6.007	6.764	7.444	7.195	6.264	60- 70	8.358	849.8	96.4,96.4
80	3.632	4.820	3.574	3.590	3.766	4.664	3.904	3.657	70- 80	5.501	855.3	97.1,97.1
90	1.589	2.079	1.692	1.846	1.925	2.468	2.022	2.239	80- 90	3.033	858.3	97.4,97.4
100	1.350	1.904	1.429	1.741	2.042	2.625	2.129	2.528	90-100	2.092	860.4	97.6,97.6
110	1.682	1.947	1.769	2.206	2.243	2.526	2.307	2.721	100-110	2.092	862.5	97.9,97.9
120	2.342	2.576	2.427	2.787	2.715	2.954	2.772	3.090	110-120	2.347	864.9	98.2,98.2
130	3.694	3.827	3.766	3.962	3.916	4.106	3.964	4.181	120-130	2.860	867.7	98.5,98.5
140	5.480	5.742	5.542	5.885	5.591	5.856	5.635	5.992	130-140	3.703	871.4	98.9,98.9
150	6.515	6.731	6.557	6.866	6.610	6.840	6.656	6.882	140-150	3.903	875.3	99.3,99.3
160	6.963	7.007	6.989	6.992	7.048	7.062	7.045	7.053	150-160	3.177	878.5	99.7,99.7
170	6.971	6.983	6.992	6.973	7.033	7.063	7.040	7.055	160-170	2.001	880.5	99.9,99.9
180	6.763	6.786	6.777	6.773	6.758	6.786	6.767	6.777	170-180	0.6577	881.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

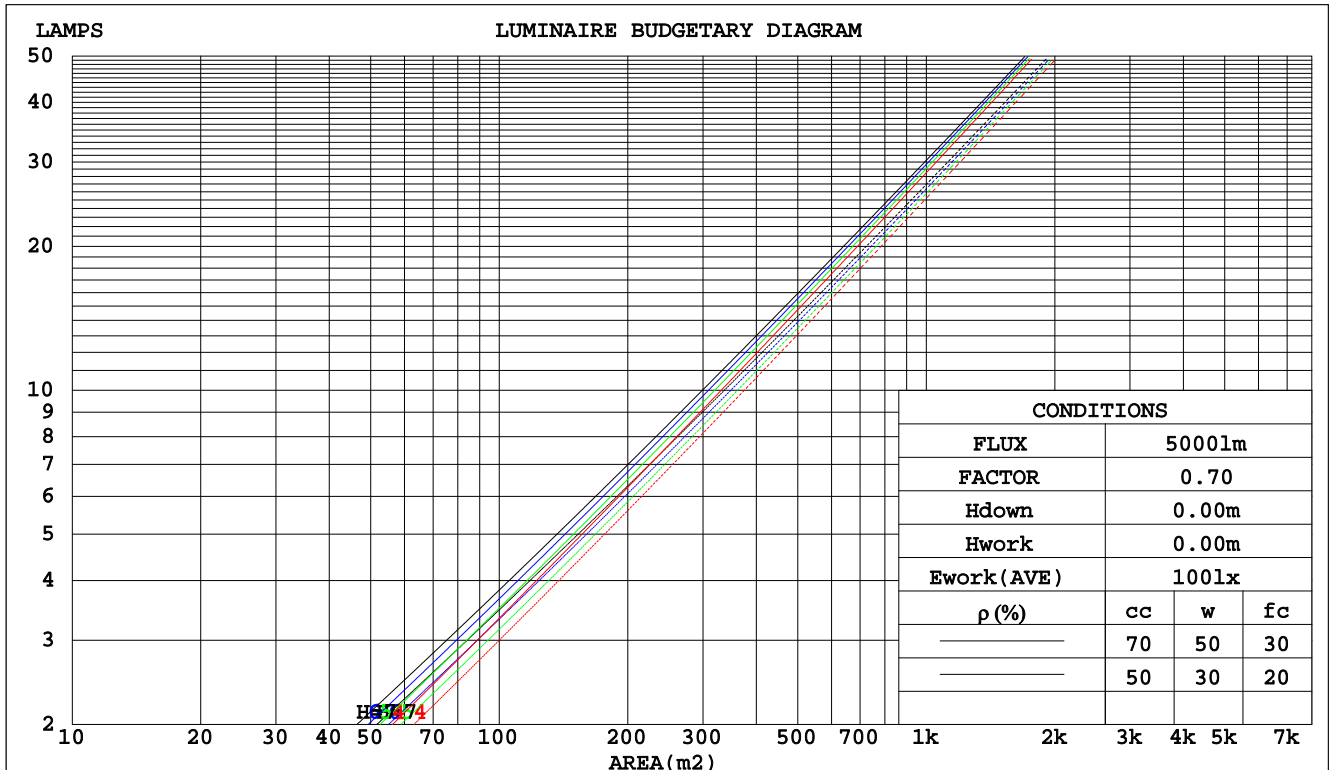
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:8.490W PF:0.8400 Lamp Flux:881.163x1 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	1.04	1.02	1.01	.00	.99	.98	.96	.95	.94	.92
2.0	1.04	1.01	.98	1.03	.99	.97	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.99	.95	.91	.97	.93	.90	.94	.91	.88	.92	.89	.87	.89	.87	.85	.84
4.0	.94	.89	.86	.93	.88	.85	.90	.87	.84	.88	.85	.83	.86	.83	.81	.80
5.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.85	.81	.79	.83	.80	.78	.77
6.0	.86	.81	.77	.85	.80	.77	.83	.79	.76	.82	.78	.75	.80	.77	.75	.74
7.0	.82	.77	.74	.81	.77	.74	.80	.76	.73	.79	.75	.72	.78	.74	.72	.71
8.0	.79	.74	.71	.78	.74	.71	.77	.73	.70	.76	.72	.70	.75	.72	.69	.68
9.0	.76	.71	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.73	.69	.67	.66
10.0	.74	.69	.66	.73	.69	.66	.72	.68	.65	.71	.68	.65	.71	.67	.65	.64



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:8.490W PF:0.8400 Lamp Flux:881.163x1 lm								
NAME:			TYPE:			WEIGHT:		
DIM.:			SPEC.:			SERIAL No.:		
MFR.: Rayconn			SUR.:			PROTECTION ANGLE:		

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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.162	.092	.029	.155	.088	.028	.141	.081	.026	.128	.074	.024	.116	.067	.022	
2.0	.151	.083	.025	.145	.080	.025	.133	.074	.023	.122	.069	.021	.112	.063	.020	
3.0	.141	.075	.022	.136	.073	.022	.126	.068	.021	.116	.064	.020	.108	.060	.018	
4.0	.132	.069	.020	.128	.067	.020	.119	.063	.019	.111	.060	.018	.103	.056	.017	
5.0	.124	.063	.018	.120	.062	.018	.113	.059	.017	.106	.056	.017	.099	.053	.016	
6.0	.117	.059	.017	.114	.058	.017	.107	.055	.016	.101	.053	.015	.095	.050	.015	
7.0	.111	.055	.016	.108	.054	.015	.102	.052	.015	.097	.050	.014	.092	.048	.014	
8.0	.106	.052	.015	.103	.051	.014	.098	.049	.014	.093	.047	.014	.088	.045	.013	
9.0	.101	.049	.014	.098	.048	.013	.094	.046	.013	.089	.045	.013	.085	.043	.012	
10.0	.096	.046	.013	.094	.045	.013	.090	.044	.012	.086	.043	.012	.082	.041	.012	

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	.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	.069	.054	.047	.040	.017	.015	.013	
4.0	.148	.119	.096	.127	.102	.083	.087	.071	.059	.051	.042	.035	.016	.014	.011	
5.0	.138	.107	.083	.119	.092	.072	.082	.064	.051	.047	.038	.030	.015	.012	.010	
6.0	.130	.097	.073	.112	.084	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
7.0	.123	.089	.066	.106	.077	.057	.073	.054	.040	.042	.032	.024	.014	.010	.008	
8.0	.116	.083	.059	.100	.072	.052	.069	.050	.037	.040	.030	.022	.013	.010	.007	
9.0	.111	.077	.054	.095	.067	.047	.066	.047	.034	.039	.028	.020	.012	.009	.007	
10.0	.106	.072	.050	.091	.063	.044	.063	.044	.031	.037	.026	.019	.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:0.0440A P:8.490W PF:0.8400 Lamp Flux:881.163x1 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	18.3	19.1	18.6	19.3	19.5	18.2	19.0	18.5	19.2	19.4	
	3H	18.7	19.4	18.9	19.6	19.8	18.5	19.2	18.8	19.4	
	4H	18.9	19.5	19.2	19.8	20.1	18.7	19.4	19.0	19.6	
	6H	19.1	19.7	19.4	20.0	20.3	18.9	19.6	19.2	19.8	
	8H	19.2	19.8	19.6	20.1	20.4	19.1	19.7	19.4	20.0	
	12H	19.4	20.0	19.7	20.3	20.6	19.2	19.8	19.6	20.1	
4H	2H	18.3	19.0	18.6	19.3	19.5	18.2	18.9	18.5	19.1	
	3H	18.8	19.4	19.1	19.7	20.0	18.6	19.2	19.0	19.5	
	4H	19.1	19.7	19.5	20.0	20.3	19.0	19.5	19.4	19.8	
	6H	19.5	20.0	19.9	20.4	20.7	19.4	19.8	19.8	20.2	
	8H	19.7	20.2	20.1	20.6	21.0	19.6	20.0	20.0	20.4	
	12H	19.9	20.4	20.4	20.8	21.2	19.8	20.2	20.3	20.7	
8H	4H	19.3	19.7	19.7	20.1	20.5	19.1	19.6	19.6	20.0	
	6H	19.8	20.2	20.3	20.6	21.1	19.8	20.2	20.3	20.6	
	8H	20.1	20.4	20.6	20.9	21.4	20.1	20.5	20.6	20.9	
	12H	20.5	20.8	21.0	21.2	21.8	20.5	20.8	21.0	21.3	
12H	4H	19.3	19.7	19.7	20.1	20.5	19.1	19.6	19.6	20.0	
	6H	19.9	20.2	20.4	20.7	21.2	19.9	20.2	20.4	20.7	
	8H	20.3	20.5	20.8	21.0	21.6	20.3	20.6	20.8	21.1	
Variations with the observer position at spacings:											
S = 1.0H	+ 1.1 / - 1.3					+ 1.0 / - 1.2					
1.5H	+ 2.1 / - 1.3					+ 1.9 / - 1.3					
2.0H	+ 2.1 / - 0.8					+ 1.9 / - 0.7					

CIE Pub.117 Corrected 881.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.4)

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:

UTILIZATION FACTORS TABLE

Test:U:226.5V I:0.0440A P:8.490W PF:0.8400 Lamp Flux:881.163x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

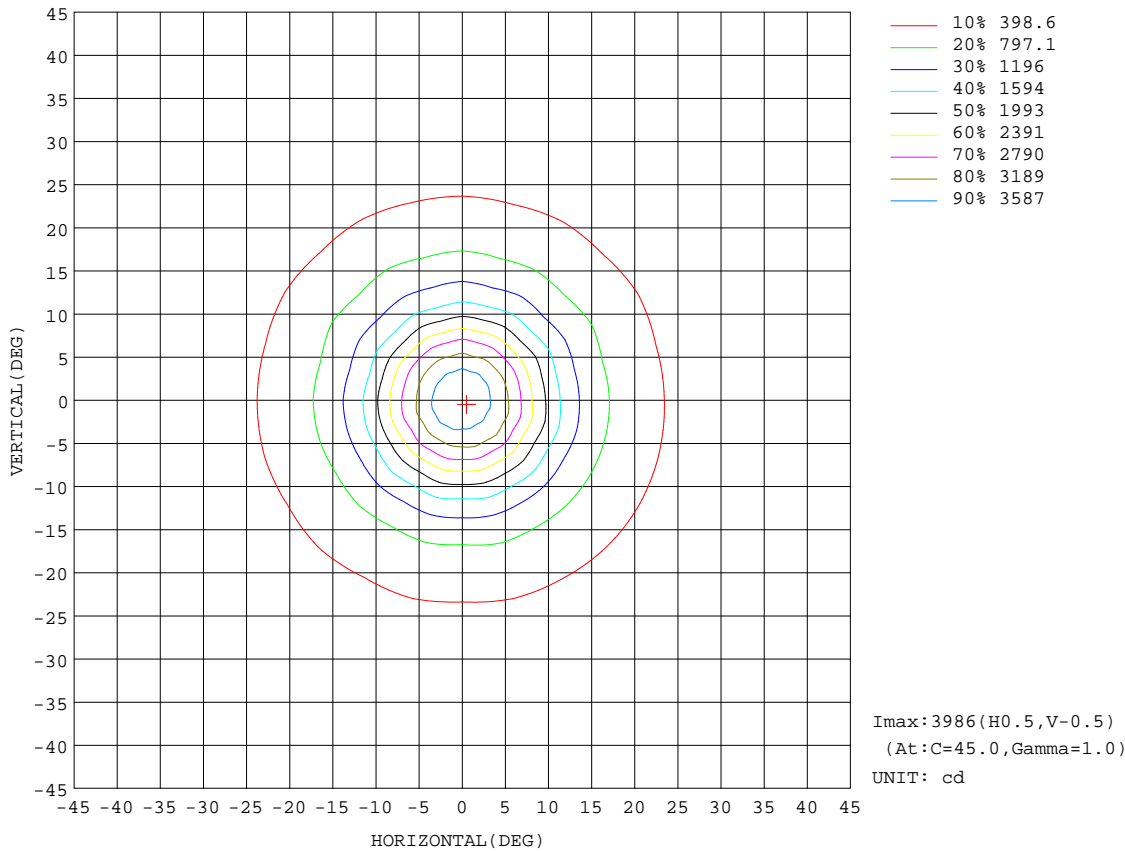
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	85	79	75	85	79	75	84	78	75	71
0.80	93	87	83	92	86	83	91	86	82	78
1.00	97	91	88	96	91	87	94	91	87	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	96	103	98	95	100	97	94	89
2.00	107	103	99	105	101	98	102	99	96	91
2.50	109	105	102	107	103	101	103	101	98	92
3.00	110	107	104	108	105	103	105	102	100	93
4.00	113	110	107	110	108	106	106	104	103	95
5.00	114	111	109	112	109	108	107	106	104	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:0.0440A P:8.490W PF:0.8400 Lamp Flux:881.163x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



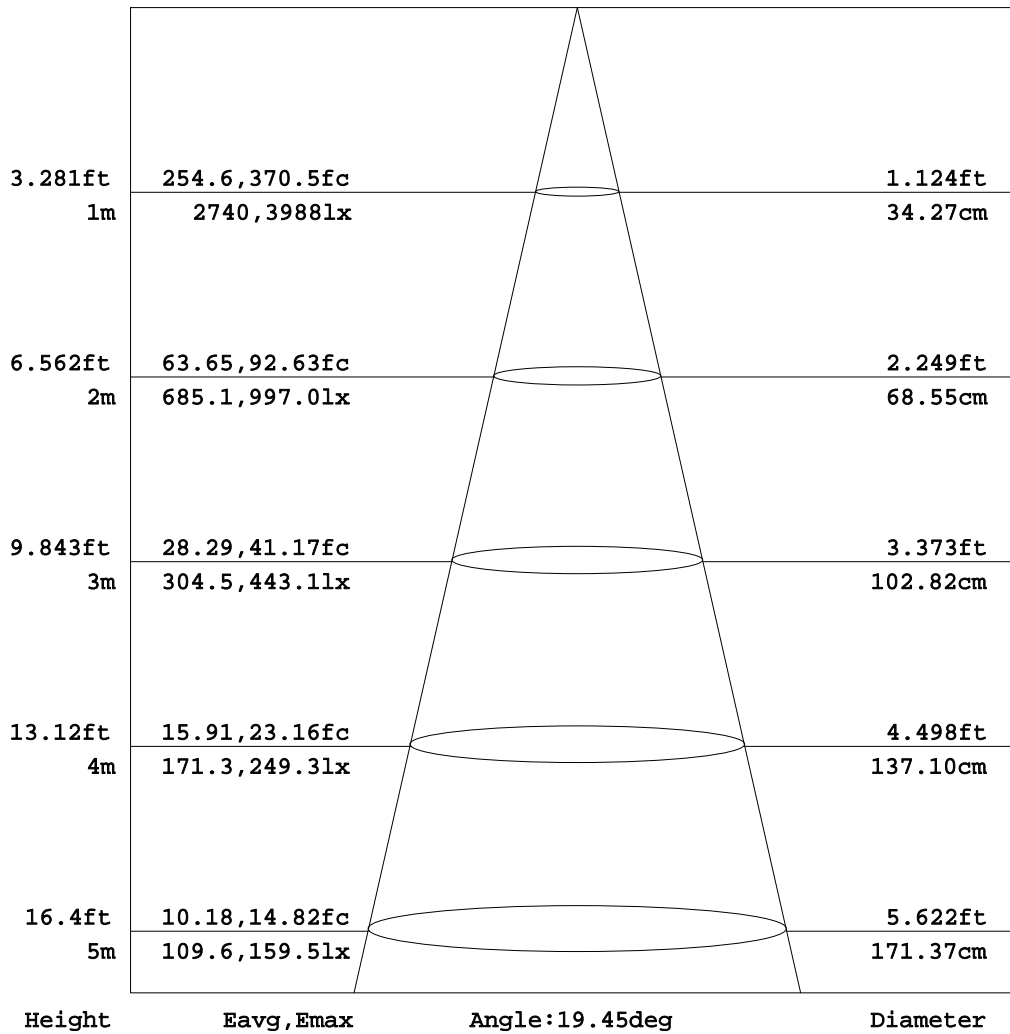
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2015-12-07

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:8.490W PF:0.8400 Lamp Flux:881.163x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:267.7 lm



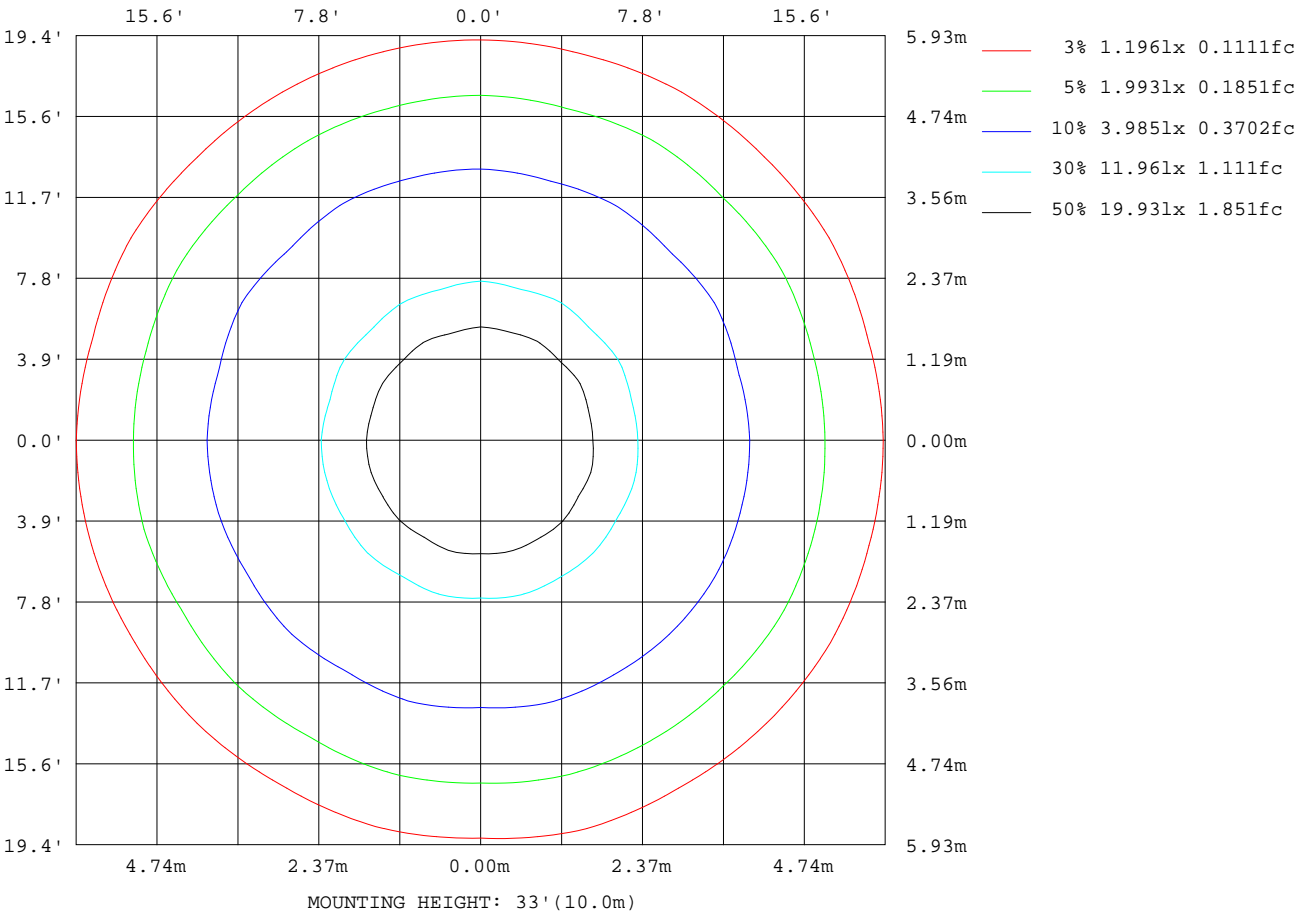
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

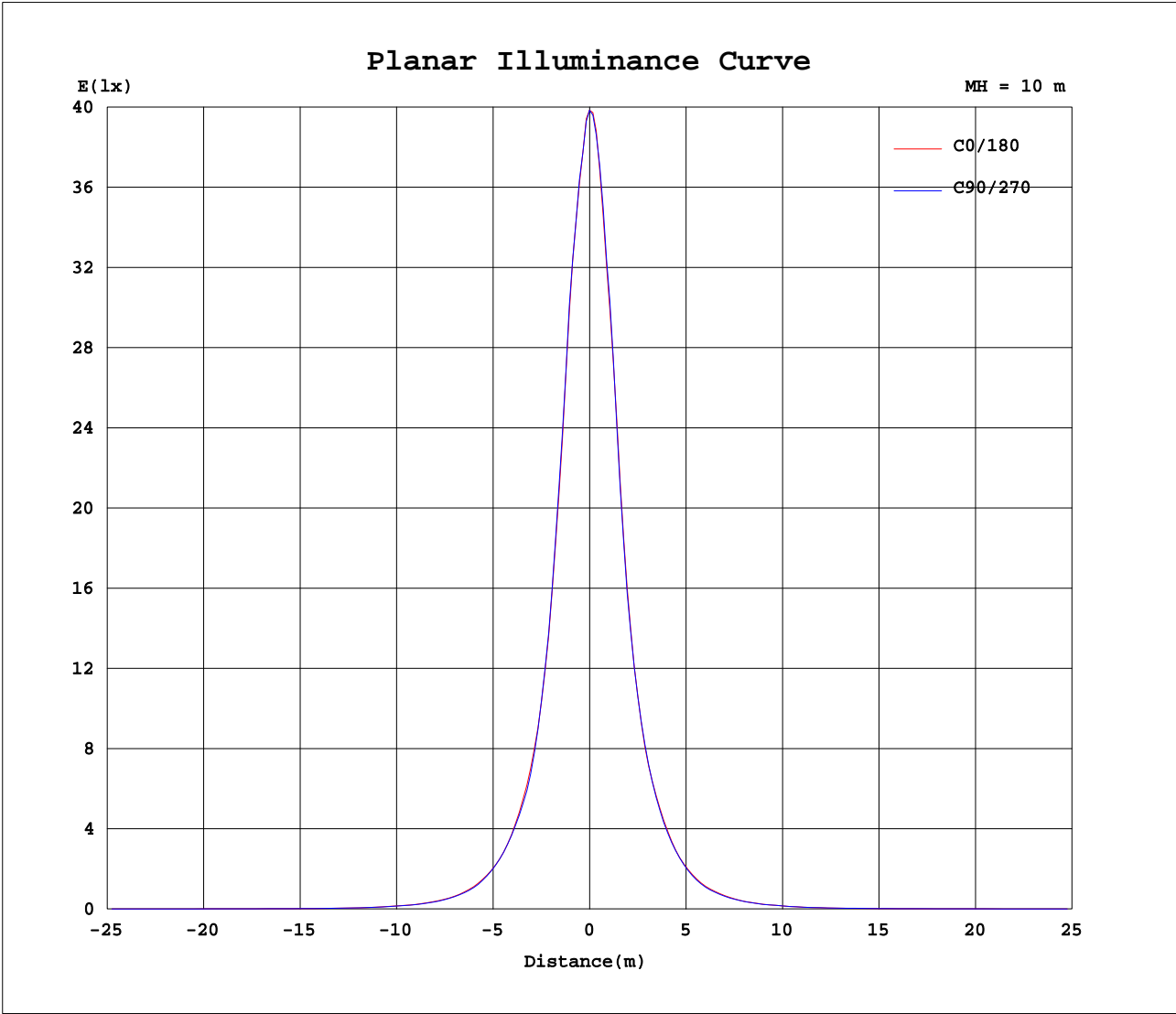
Test:U:226.5V I:0.0440A P:8.490W PF:0.8400 Lamp Flux:881.163x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:8.490W PF:0.8400 Lamp Flux:881.163x1 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	3982	3982	3982	3982	3982	3982	3982	3982	3982	3982	3982	3982	3982	3982	3982	3982	3982	3982	3982
5	3269	3316	3280	3329	3280	3318	3275	3292	3254	3274	3241	3286	3247	3254	3247	3258	3263	3245	3277
10	1905	1970	1914	1982	1944	1975	1930	1973	1904	1944	1914	1931	1936	1877	1911	1859	1914	1859	1917
15	1001	1015	998	1018	1006	1027	994	1020	986	1019	994	1026	1033	1003	1039	1008	1037	1007	1038
20	582	579	588	586	578	588	565	583	564	587	578	592	606	584	619	585	609	591	595
25	335	343	347	345	343	346	334	344	332	344	337	350	345	346	352	341	348	340	343
30	198	198	201	198	194	198	190	194	190	194	195	198	200	195	200	194	194	195	194
35	116	118	116	117	114	117	112	117	113	118	117	120	121	118	119	117	118	116	116
40	71.0	71.9	69.6	70.6	67.7	69.3	67.1	69.0	67.5	68.7	69.1	70.7	71.7	70.1	71.2	70.0	70.9	69.2	70.5
45	43.5	43.6	42.6	43.0	42.1	42.7	41.7	42.6	41.6	42.4	42.2	43.7	44.1	43.0	43.9	42.9	44.0	42.7	43.4
50	24.3	24.3	23.4	23.8	23.0	23.4	23.4	24.1	23.9	24.2	24.2	25.0	24.8	24.7	25.3	24.9	25.1	24.9	25.0
55	15.2	15.1	14.7	14.5	14.2	14.4	14.6	15.0	14.7	15.1	15.3	15.9	16.1	16.1	16.6	16.5	16.9	16.6	16.7
60	10.7	10.6	10.2	10.0	9.98	10.1	10.1	10.3	10.1	10.2	10.5	11.0	11.3	11.4	11.9	12.0	12.4	12.1	12.0
65	8.14	8.11	7.85	7.68	7.70	7.67	7.72	7.82	7.62	7.68	7.90	8.34	8.60	8.84	9.28	9.38	9.66	9.38	9.17
70	6.42	6.39	6.24	6.17	6.16	6.06	6.11	6.20	6.02	6.01	6.20	6.56	6.76	6.98	7.37	7.44	7.66	7.43	7.20
75	4.96	4.97	4.87	4.91	4.91	4.74	4.76	4.85	4.69	4.69	4.86	5.07	5.25	5.36	5.59	5.71	5.87	5.65	5.52
80	3.63	3.67	3.58	4.82	4.67	3.57	3.57	3.64	3.53	3.59	4.15	3.66	3.77	3.78	3.88	4.66	4.58	3.89	3.90
85	2.46	2.51	2.46	3.21	3.24	2.52	2.51	2.56	2.51	2.59	2.74	2.47	2.60	2.60	2.60	3.04	3.24	2.64	2.66
90	1.59	1.58	1.59	2.08	2.19	1.67	1.69	1.68	1.69	1.85	2.01	1.57	1.93	1.94	1.92	2.47	2.47	2.04	2.02
95	1.40	1.37	1.40	2.00	2.07	1.46	1.51	1.48	1.50	1.82	2.03	1.38	1.98	1.97	1.98	2.71	2.48	2.08	2.08
100	1.35	1.33	1.33	1.90	2.00	1.42	1.43	1.44	1.43	1.74	1.91	1.34	2.04	2.04	2.04	2.62	2.46	2.14	2.13
105	1.44	1.45	1.43	1.88	1.88	1.53	1.53	1.54	1.53	1.90	2.00	1.44	2.12	2.12	2.12	2.56	2.45	2.21	2.20
110	1.68	1.69	1.68	1.95	2.07	1.77	1.77	1.78	1.78	2.21	2.18	1.69	2.24	2.24	2.23	2.53	2.52	2.32	2.31
115	1.97	1.99	1.97	2.20	2.52	2.06	2.06	2.06	2.07	2.58	2.39	1.98	2.42	2.41	2.42	2.67	2.74	2.50	2.49
120	2.34	2.35	2.35	2.58	2.75	2.42	2.43	2.42	2.44	2.79	2.60	2.33	2.71	2.71	2.71	2.95	3.05	2.79	2.77
125	2.89	2.88	2.89	3.15	3.22	2.97	2.97	2.96	2.98	3.24	3.09	2.87	3.19	3.21	3.19	3.41	3.53	3.29	3.25
130	3.69	3.67	3.70	3.83	3.96	3.75	3.77	3.76	3.79	3.96	3.83	3.66	3.92	3.94	3.91	4.11	4.25	4.02	3.96
135	4.63	4.61	4.64	4.83	4.94	4.70	4.70	4.69	4.73	4.96	4.81	4.61	4.78	4.80	4.78	5.00	5.14	4.88	4.84
140	5.48	5.47	5.48	5.74	5.83	5.56	5.54	5.54	5.57	5.89	5.72	5.46	5.59	5.61	5.59	5.86	5.97	5.70	5.63
145	6.09	6.10	6.09	6.36	6.42	6.18	6.15	6.16	6.18	6.51	6.32	6.09	6.20	6.20	6.20	6.45	6.56	6.28	6.25
150	6.51	6.51	6.51	6.73	6.73	6.57	6.56	6.58	6.59	6.87	6.71	6.52	6.61	6.62	6.61	6.84	6.90	6.69	6.66
155	6.79	6.81	6.80	6.92	6.86	6.83	6.82	6.85	6.85	6.93	6.91	6.80	6.88	6.90	6.87	7.02	7.01	6.94	6.91
160	6.96	6.98	6.97	7.01	6.99	7.00	6.99	7.00	6.99	6.99	7.00	6.98	7.05	7.05	7.04	7.06	7.05	7.06	7.05
165	7.05	7.05	7.04	7.06	7.05	7.06	7.05	7.05	7.06	7.04	7.07	7.03	7.09	7.12	7.09	7.12	7.09	7.12	7.09
170	6.97	6.97	6.97	6.98	6.99	6.98	6.99	6.99	6.99	6.97	6.99	6.98	7.03	7.06	7.03	7.06	7.04	7.06	7.04
175	6.77	6.76	6.76	6.78	6.78	6.78	6.78	6.78	6.79	6.77	6.80	6.76	6.83	6.85	6.82	6.86	6.83	6.86	6.83
180	6.76	6.77	6.76	6.79	6.77	6.78	6.78	6.79	6.77	6.77	6.79	6.77	6.76	6.77	6.76	6.79	6.77	6.79	6.77

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:8.490W PF:0.8400 Lamp Flux:881.163x1 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	3982	3982	3982	3982	3982														
5	3229	3283	3247	3274	3259														
10	1886	1940	1883	1963	1881														
15	993	1030	987	1031	980														
20	577	590	569	594	565														
25	334	343	332	343	332														
30	192	197	195	199	194														
35	115	117	115	118	114														
40	69.2	70.0	68.9	72.1	70.0														
45	42.8	43.1	42.9	43.6	43.5														
50	24.6	24.5	24.4	25.0	24.4														
55	16.1	15.8	15.3	15.7	15.3														
60	11.4	10.9	10.6	10.8	10.7														
65	8.64	8.18	7.97	8.18	8.09														
70	6.71	6.36	6.26	6.42	6.36														
75	5.15	4.89	4.86	5.12	4.91														
80	3.76	3.65	3.66	4.70	3.60														
85	2.64	2.62	2.70	3.41	2.54														
90	2.04	2.04	2.24	2.39	2.01														
95	2.07	2.10	2.48	2.66	1.97														
100	2.12	2.15	2.53	2.65	2.03														
105	2.20	2.22	2.53	2.62	2.11														
110	2.30	2.33	2.72	2.70	2.23														
115	2.48	2.51	2.91	2.80	2.42														
120	2.77	2.79	3.09	2.98	2.72														
125	3.26	3.28	3.49	3.41	3.23														
130	4.00	4.00	4.18	4.04	3.95														
135	4.87	4.86	5.13	4.94	4.82														
140	5.67	5.67	5.99	5.81	5.62														
145	6.26	6.28	6.56	6.38	6.21														
150	6.65	6.69	6.88	6.78	6.62														
155	6.90	6.93	7.05	7.00	6.89														
160	7.05	7.06	7.05	7.08	7.04														
165	7.12	7.11	7.11	7.13	7.11														
170	7.07	7.04	7.06	7.06	7.05														
175	6.85	6.83	6.85	6.85	6.84														
180	6.79	6.77	6.78	6.79	6.77														

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: