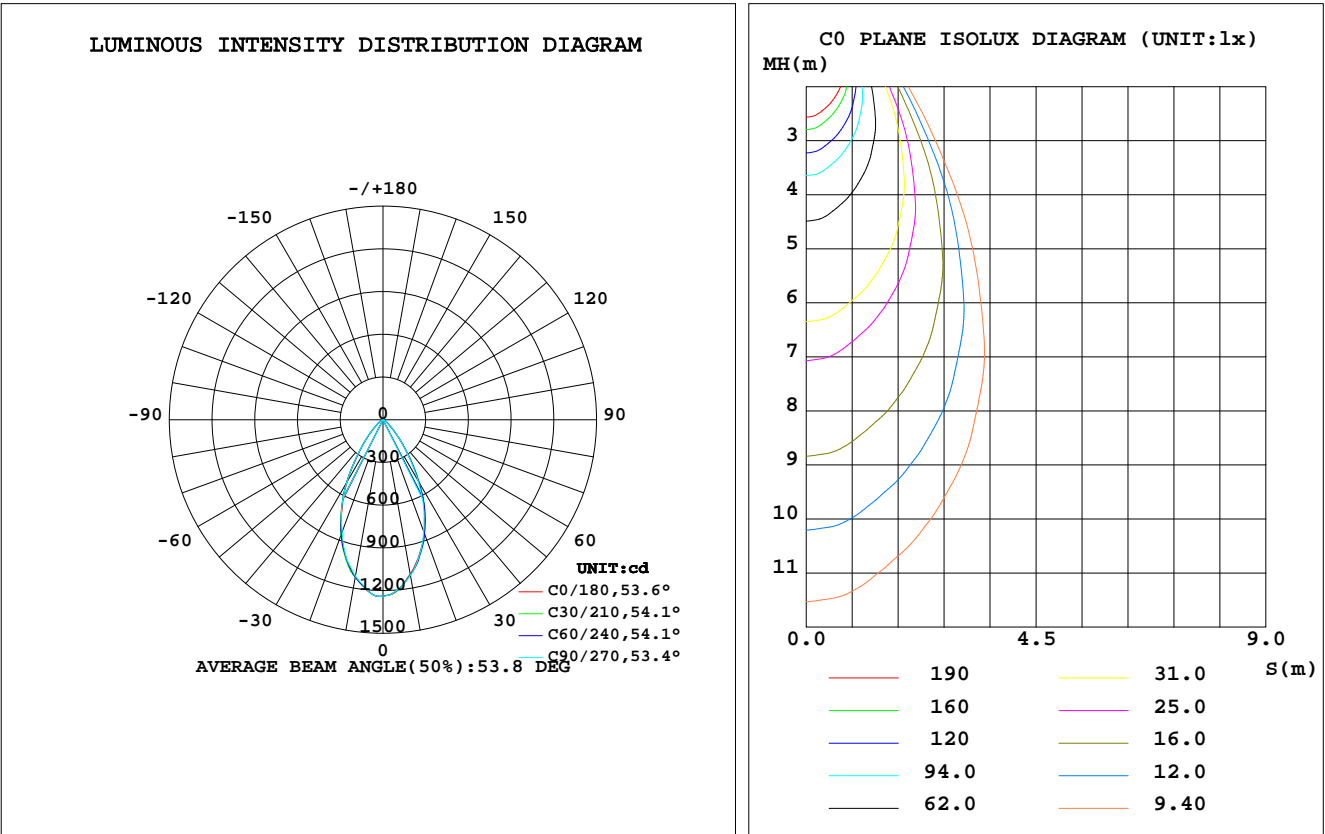


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:226.5V I:0.0590A P:10.60W PF:0.7900 Lamp Flux:1081.28x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 102.01 lm/W			
MODEL	M032-11W-830-S-60	Imax(cd)	1243	S/MH(C0/180)	0.81
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.80
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1081.3	η UP,DN(C0-180)	1.2,48.5
NOMINAL FLUX(lm)	1081.28	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,49.0
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	226.5	η down(%)	97.4	CIBSE SHR MAX	0.85



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	1101	1105	1110	1111	1119	1119	1115	1098	0- 10	111.6	111.6	10.3,10.3
20	847.5	856.3	835.9	842.6	852.3	851.7	840.5	839.8	10- 20	276.2	387.8	35.9,35.9
30	500.3	508.6	491.6	498.0	504.9	511.8	514.3	506.9	20- 30	310.5	698.3	64.6,64.6
40	190.7	194.8	191.4	194.1	199.0	201.0	200.7	193.9	30- 40	206.5	904.9	83.7,83.7
50	56.32	57.94	59.23	59.01	62.14	63.48	63.08	58.78	40- 50	88.15	993.0	91.8,91.8
60	21.76	23.13	22.69	22.18	23.68	23.47	23.48	21.49	50- 60	32.65	1026	94.9,94.9
70	10.82	10.97	11.09	11.01	11.11	10.88	10.92	10.63	60- 70	15.87	1042	96.3,96.3
80	4.876	7.146	5.022	5.041	4.984	6.403	5.152	5.171	70- 80	8.341	1050	97.1,97.1
90	1.907	2.225	2.063	2.287	2.190	2.461	2.302	2.571	80- 90	3.800	1054	97.4,97.4
100	2.086	2.454	2.201	2.829	2.478	2.812	2.583	3.192	90-100	2.522	1056	97.7,97.7
110	2.611	3.188	2.720	3.462	3.036	3.526	3.113	3.750	100-110	2.900	1059	97.9,97.9
120	3.499	4.023	3.611	4.131	3.874	4.344	3.932	4.439	110-120	3.415	1063	98.3,98.3
130	4.684	4.826	4.781	4.960	4.961	5.138	5.001	5.147	120-130	3.910	1066	98.6,98.6
140	5.951	6.044	6.044	6.165	6.141	6.231	6.171	6.310	130-140	4.258	1071	99.99
150	6.977	7.153	7.044	7.239	7.118	7.212	7.135	7.310	140-150	4.161	1075	99.4,99.4
160	7.603	7.614	7.618	7.621	7.724	7.704	7.696	7.721	150-160	3.430	1078	99.7,99.7
170	8.022	8.026	8.030	8.015	8.097	8.075	8.072	8.080	160-170	2.223	1081	99.9,99.9
180	8.328	8.343	8.334	8.329	8.351	8.331	8.341	8.324	170-180	0.7790	1081	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

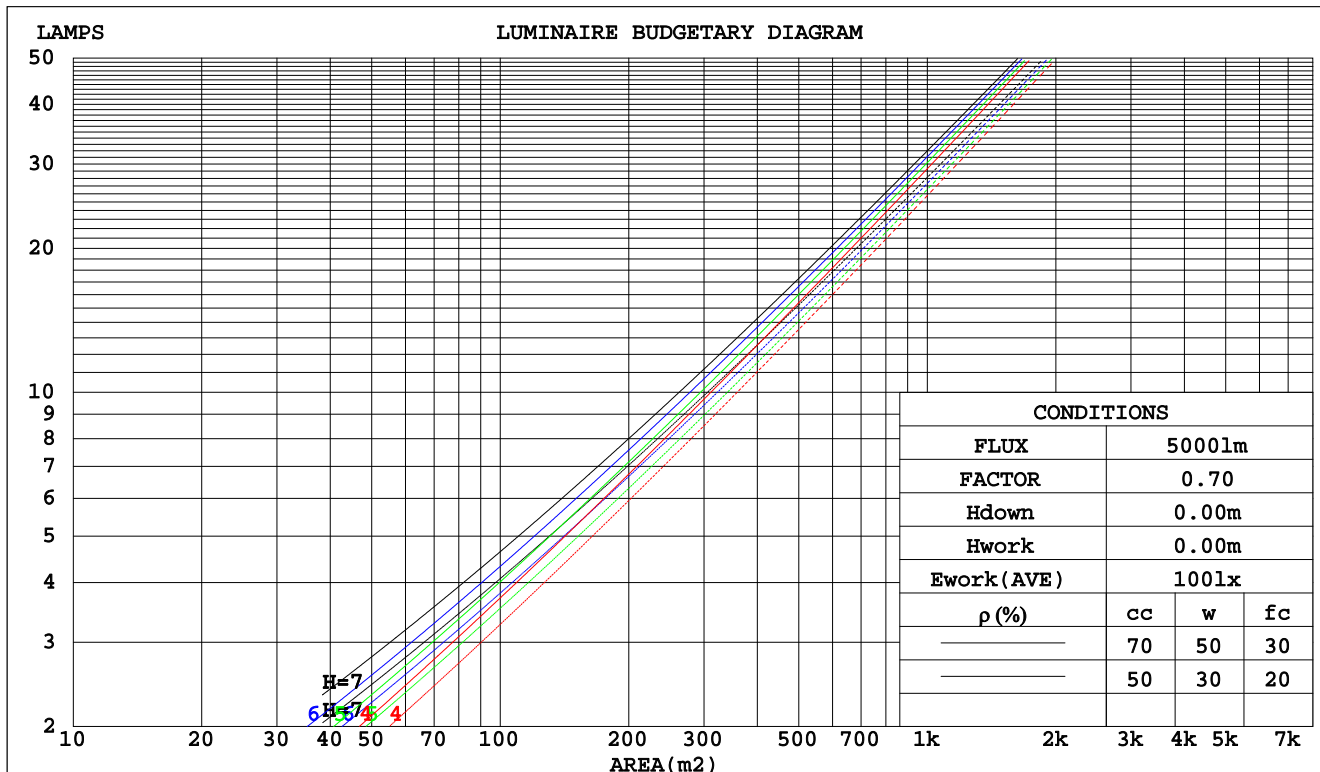
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:0.0590A P:10.60W PF:0.7900 Lamp Flux:1081.28x1 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															



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:0.0590A P:10.60W PF:0.7900 Lamp Flux:1081.28x1 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	.195	.111	.035	.187	.107	.034	.173	.099	.032	.160	.092	.030	.148	.086	.028	
2.0	.185	.102	.031	.179	.099	.030	.167	.093	.029	.156	.087	.027	.145	.082	.026	
3.0	.176	.093	.028	.170	.091	.027	.160	.086	.026	.150	.082	.025	.141	.078	.024	
4.0	.166	.086	.025	.161	.084	.025	.152	.081	.024	.144	.077	.023	.136	.074	.022	
5.0	.158	.080	.023	.153	.079	.023	.145	.076	.022	.138	.073	.022	.131	.070	.021	
6.0	.150	.075	.021	.146	.074	.021	.139	.071	.021	.132	.069	.020	.126	.066	.020	
7.0	.142	.070	.020	.139	.069	.020	.133	.067	.019	.127	.065	.019	.121	.063	.018	
8.0	.136	.066	.019	.133	.065	.018	.127	.063	.018	.122	.062	.018	.116	.060	.017	
9.0	.130	.063	.018	.127	.062	.017	.122	.060	.017	.117	.059	.017	.112	.057	.016	
10.0	.124	.059	.016	.121	.059	.016	.117	.057	.016	.112	.056	.016	.108	.054	.016	

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	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.192	.177	.163	.164	.152	.140	.112	.104	.097	.065	.060	.056	.021	.019	.018	
2.0	.178	.152	.131	.152	.131	.113	.104	.091	.079	.060	.053	.046	.019	.017	.015	
3.0	.166	.134	.107	.142	.115	.093	.098	.080	.065	.056	.047	.039	.018	.015	.013	
4.0	.156	.119	.091	.134	.103	.079	.092	.072	.055	.053	.042	.033	.017	.014	.011	
5.0	.148	.108	.078	.127	.093	.068	.088	.065	.048	.051	.038	.028	.016	.012	.009	
6.0	.141	.099	.068	.121	.085	.060	.083	.060	.042	.048	.035	.025	.016	.011	.008	
7.0	.134	.091	.061	.115	.079	.053	.080	.055	.038	.046	.033	.022	.015	.011	.007	
8.0	.129	.085	.055	.111	.074	.048	.077	.052	.034	.045	.031	.020	.014	.010	.007	
9.0	.123	.080	.051	.106	.069	.044	.074	.049	.031	.043	.029	.019	.014	.009	.006	
10.0	.119	.076	.047	.102	.066	.041	.071	.046	.029	.041	.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:0.0590A P:10.60W PF:0.7900 Lamp Flux:1081.28x1 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	24.3	25.3	24.6	25.5	25.8	24.1	25.1	24.4	25.3	25.5
	3H	24.4	25.3	24.7	25.5	25.8	24.2	25.1	24.5	25.3	25.6
	4H	24.4	25.2	24.7	25.5	25.8	24.2	25.1	24.5	25.3	25.6
	6H	24.4	25.2	24.7	25.5	25.8	24.2	25.0	24.6	25.3	25.6
	8H	24.4	25.2	24.7	25.5	25.8	24.2	25.0	24.6	25.3	25.6
	12H	24.4	25.1	24.8	25.5	25.8	24.3	25.0	24.6	25.3	25.6
4H	2H	24.2	25.1	24.5	25.3	25.6	24.0	24.9	24.3	25.1	25.4
	3H	24.3	25.0	24.7	25.4	25.7	24.1	24.9	24.5	25.2	25.5
	4H	24.4	25.0	24.8	25.4	25.8	24.2	24.9	24.6	25.3	25.6
	6H	24.4	25.0	24.9	25.4	25.8	24.4	24.9	24.8	25.3	25.7
	8H	24.5	25.0	24.9	25.4	25.8	24.4	24.9	24.8	25.3	25.8
	12H	24.5	25.0	25.0	25.4	25.9	24.4	24.9	24.9	25.4	25.8
8H	4H	24.3	24.9	24.8	25.3	25.7	24.2	24.8	24.7	25.2	25.6
	6H	24.5	24.9	25.0	25.4	25.8	24.5	24.9	24.9	25.3	25.8
	8H	24.6	24.9	25.0	25.4	25.9	24.6	25.0	25.1	25.4	25.9
	12H	24.6	25.0	25.1	25.5	26.0	24.7	25.0	25.2	25.5	26.0
12H	4H	24.3	24.8	24.8	25.2	25.7	24.2	24.7	24.7	25.1	25.6
	6H	24.5	24.9	25.0	25.4	25.9	24.5	24.9	25.0	25.3	25.8
	8H	24.6	24.9	25.1	25.4	25.9	24.6	25.0	25.1	25.4	26.0
Variations with the observer position at spacings:											
S = 1.0H	+ 1.9 / - 3.0					+ 1.7 / - 2.6					
1.5H	+ 3.3 / - 2.8					+ 3.1 / - 2.5					
2.0H	+ 3.2 / - 1.7					+ 2.9 / - 1.5					

CIE Pub.117 Corrected 1081 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.3)

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:0.0590A P:10.60W PF:0.7900 Lamp Flux:1081.28x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

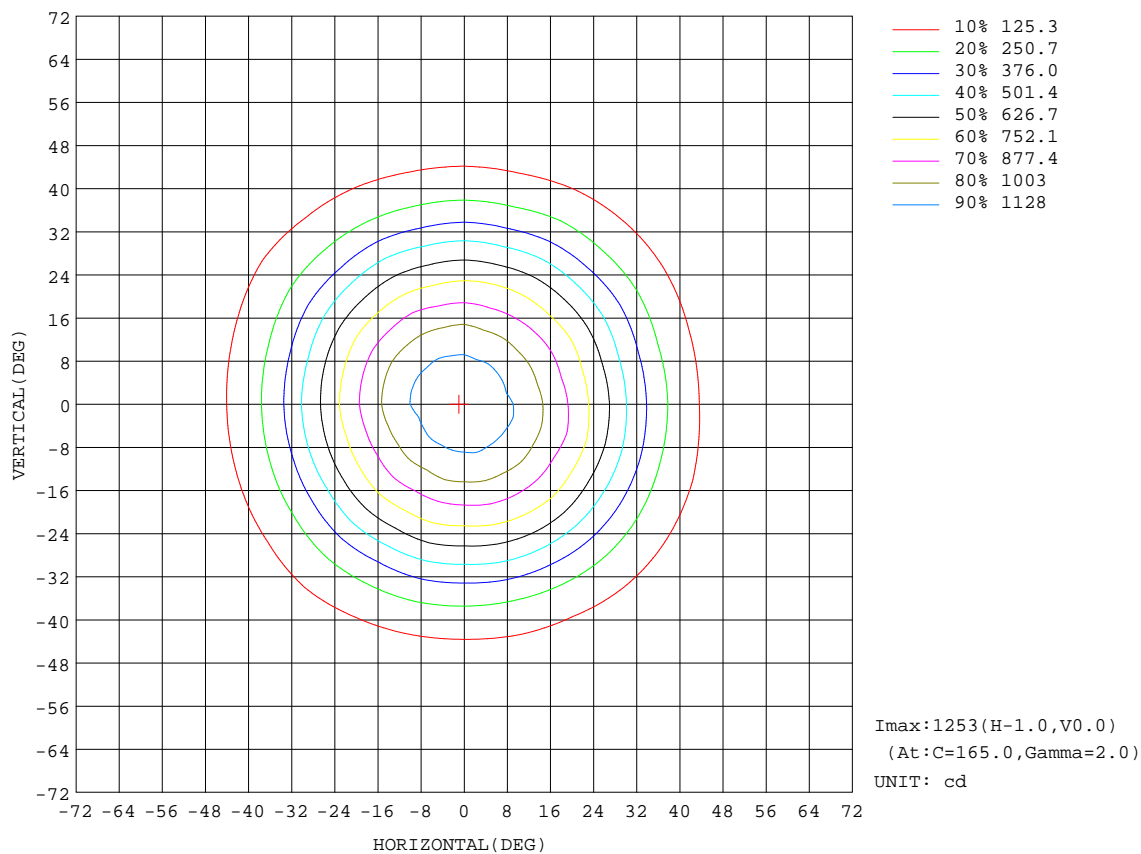
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	81	74	70	81	74	70	80	73	69	65
0.80	89	83	78	89	82	78	87	81	77	73
1.00	95	88	84	94	88	84	92	87	83	78
1.25	99	93	89	98	92	89	96	91	88	83
1.50	102	97	93	101	96	92	98	94	91	86
2.00	106	101	97	104	100	96	101	97	94	88
2.50	108	103	100	106	102	99	102	99	97	90
3.00	110	106	102	108	104	101	104	101	99	91
4.00	112	109	106	110	107	104	105	103	101	93
5.00	113	111	108	111	109	107	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  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:0.0590A P:10.60W PF:0.7900 Lamp Flux:1081.28x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

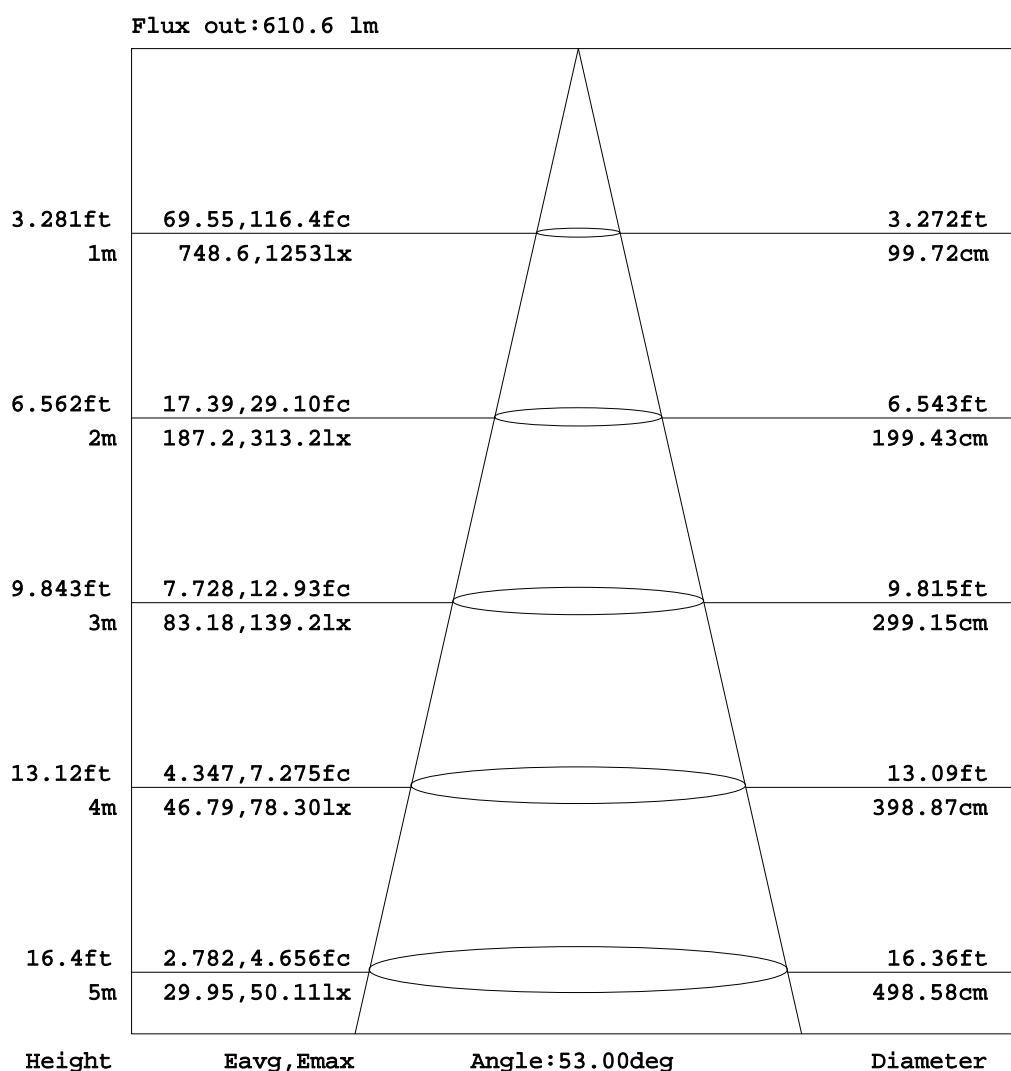


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.0590A P:10.60W PF:0.7900 Lamp Flux:1081.28x1 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.

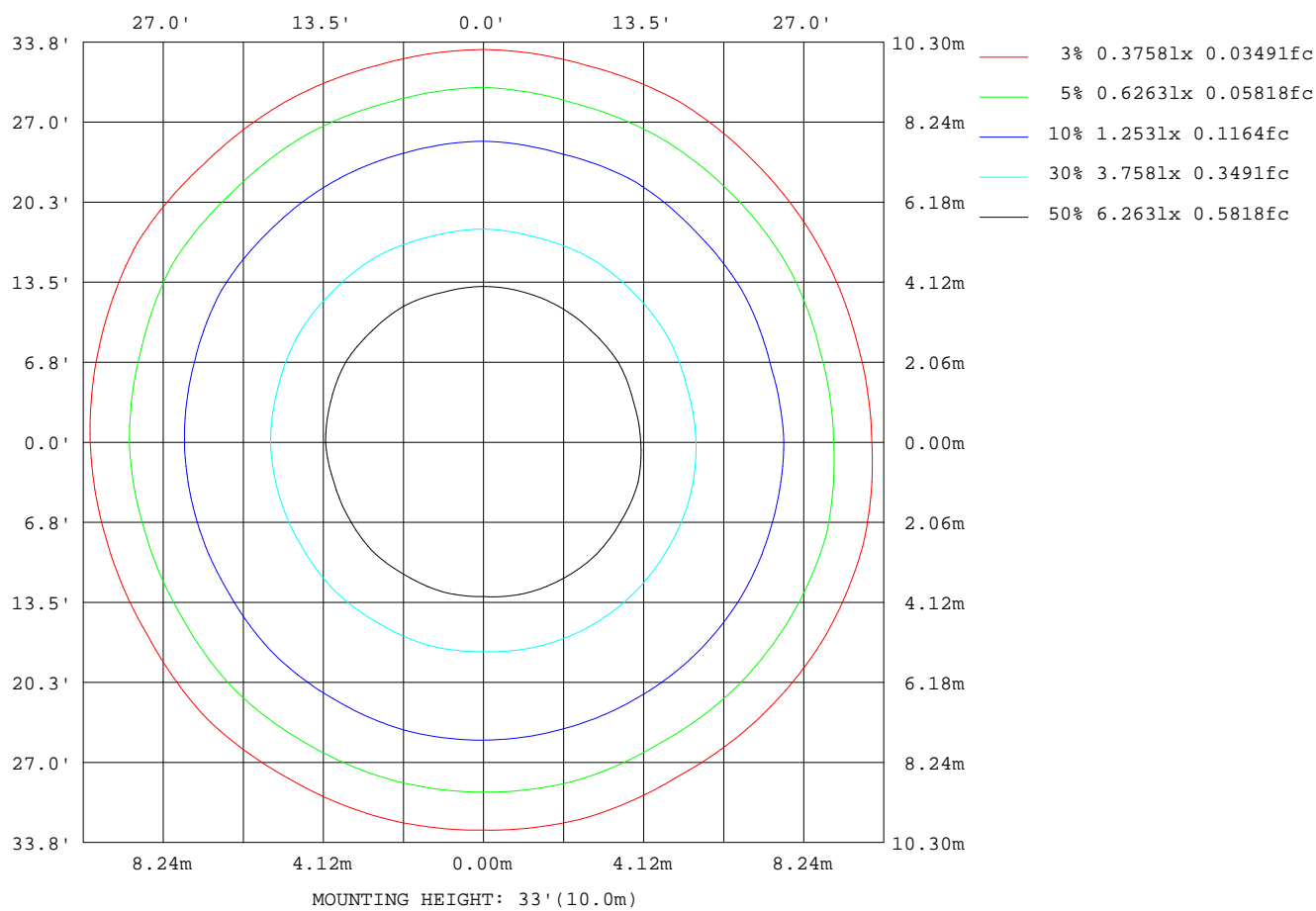
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

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

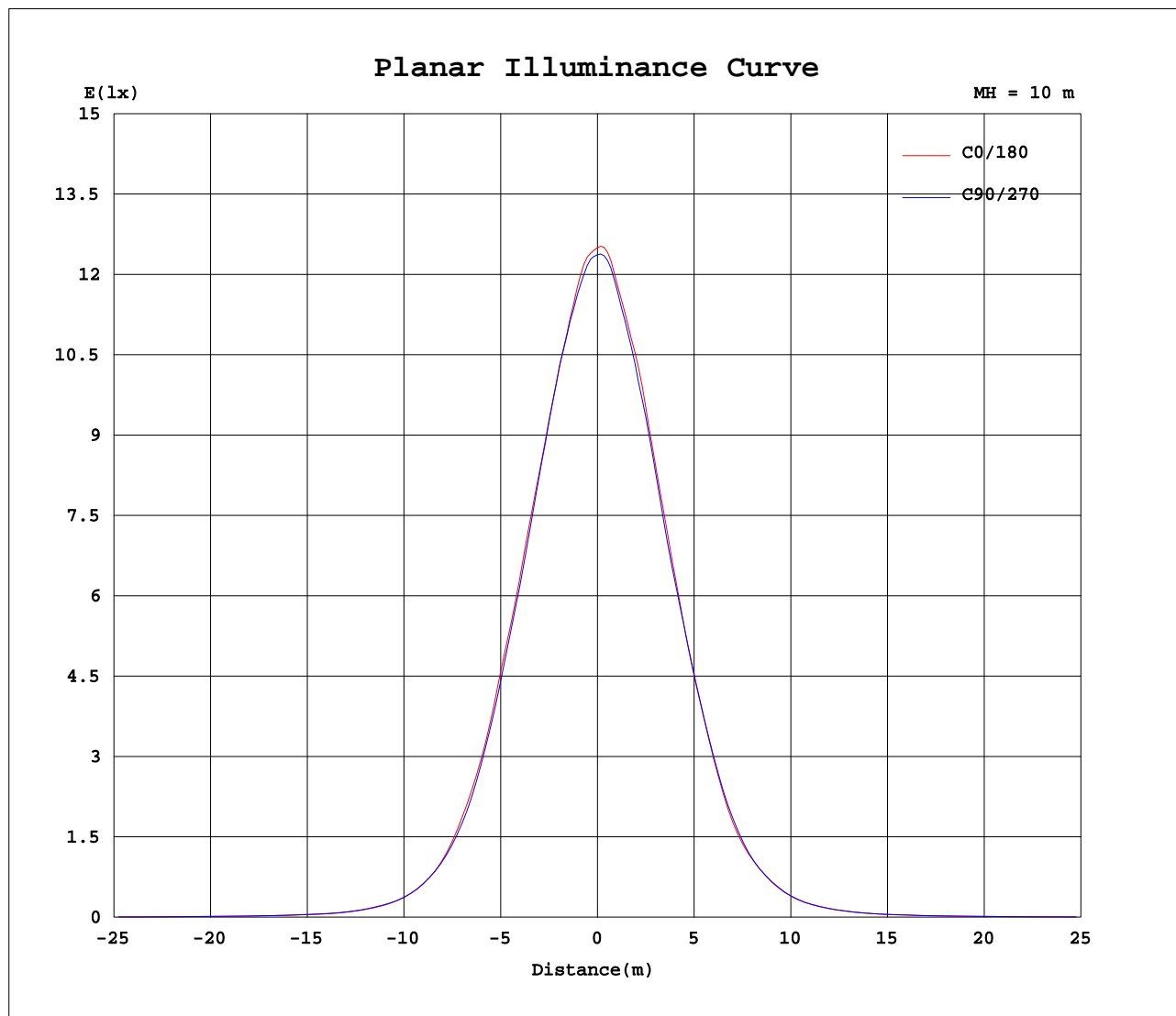
Test:U:226.5V I:0.0590A P:10.60W PF:0.7900 Lamp Flux:1081.28x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.0590A P:10.60W PF:0.7900 Lamp Flux:1081.28x1 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	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239
5	1201	1205	1203	1200	1199	1200	1196	1197	1197	1201	1203	1206	1205	1205	1209	1206	1209	1204	1206
10	1101	1107	1105	1105	1107	1113	1110	1107	1106	1111	1108	1111	1119	1122	1124	1119	1122	1115	1115
15	982	993	994	1000	992	994	987	989	975	991	989	1000	1004	1006	1014	1006	1003	995	999
20	848	865	851	856	853	850	836	836	833	843	838	843	852	857	864	852	858	837	841
25	687	701	698	705	694	686	674	680	668	677	673	676	678	686	693	685	690	680	687
30	500	510	508	509	505	502	492	497	489	498	488	500	505	501	515	512	521	508	514
35	336	336	335	331	322	321	319	321	316	323	315	320	320	327	338	327	334	328	337
40	191	197	198	195	189	193	191	192	190	194	187	190	199	197	207	201	201	197	201
45	105	112	111	108	103	108	105	107	106	110	105	108	111	116	122	114	114	111	113
50	56.3	58.7	58.3	57.9	56.6	56.1	59.2	58.3	59.7	59.0	58.6	62.0	62.1	61.1	67.2	63.5	61.9	59.9	63.1
55	31.2	32.0	34.0	33.5	33.7	32.8	34.0	33.3	33.4	33.3	36.2	35.6	35.6	35.0	37.6	35.6	37.5	34.6	36.1
60	21.8	22.0	22.9	23.1	23.1	22.5	22.7	22.4	22.2	22.2	23.9	23.4	23.7	23.0	24.5	23.5	23.9	23.0	23.5
65	15.2	15.4	15.2	15.8	15.9	16.0	15.7	15.7	15.6	15.7	16.2	16.1	16.0	16.0	16.1	15.8	16.4	15.7	16.0
70	10.8	10.6	10.6	11.0	11.1	11.3	11.1	10.9	11.0	11.0	11.2	11.1	11.1	11.2	10.9	10.9	11.3	11.0	10.9
75	7.55	7.36	7.25	7.57	7.74	7.86	7.73	7.57	7.58	7.63	7.65	7.51	7.66	7.61	7.51	7.52	7.87	7.65	7.69
80	4.88	4.85	4.72	7.15	6.90	5.13	5.02	4.91	4.91	5.04	6.04	4.82	4.98	4.95	4.95	6.40	6.24	5.13	5.15
85	2.91	2.93	2.86	4.40	4.29	3.03	3.01	2.99	2.96	3.11	3.60	2.82	3.06	3.04	3.05	3.95	4.20	3.20	3.24
90	1.91	1.93	1.92	2.22	2.45	2.01	2.06	2.02	2.05	2.29	2.22	1.89	2.19	2.20	2.19	2.46	2.76	2.32	2.30
95	1.96	1.95	1.95	2.25	2.38	2.06	2.06	2.07	2.05	2.47	2.21	1.94	2.30	2.29	2.30	2.57	2.78	2.42	2.41
100	2.09	2.09	2.08	2.45	2.57	2.20	2.20	2.20	2.20	2.83	2.58	2.08	2.48	2.47	2.48	2.81	3.07	2.59	2.58
105	2.30	2.31	2.30	2.68	2.88	2.41	2.42	2.42	2.42	2.97	2.70	2.29	2.72	2.71	2.72	3.11	3.47	2.83	2.81
110	2.61	2.60	2.62	3.19	3.15	2.72	2.72	2.72	2.73	3.46	3.23	2.60	3.04	3.03	3.03	3.53	3.70	3.14	3.11
115	3.01	3.01	3.02	3.40	3.79	3.12	3.12	3.11	3.13	3.63	3.50	3.00	3.42	3.42	3.42	3.77	4.10	3.54	3.49
120	3.50	3.49	3.51	4.02	3.97	3.60	3.61	3.59	3.62	4.13	3.81	3.48	3.87	3.88	3.87	4.34	4.33	3.98	3.93
125	4.06	4.06	4.07	4.38	4.59	4.16	4.17	4.14	4.18	4.46	4.23	4.05	4.40	4.40	4.39	4.65	4.82	4.49	4.44
130	4.68	4.68	4.69	4.83	4.95	4.78	4.78	4.76	4.80	4.96	4.78	4.67	4.96	4.96	4.96	5.14	5.22	5.05	5.00
135	5.33	5.33	5.34	5.45	5.54	5.43	5.42	5.41	5.46	5.57	5.38	5.32	5.56	5.56	5.56	5.67	5.78	5.64	5.59
140	5.95	5.95	5.96	6.04	6.13	6.05	6.04	6.03	6.09	6.16	6.00	5.96	6.14	6.14	6.14	6.23	6.34	6.22	6.17
145	6.51	6.51	6.52	6.61	6.70	6.61	6.60	6.59	6.63	6.72	6.57	6.52	6.67	6.67	6.67	6.75	6.84	6.74	6.69
150	6.98	6.97	6.99	7.15	7.20	7.04	7.04	7.05	7.09	7.24	7.12	6.99	7.12	7.11	7.11	7.21	7.31	7.18	7.13
155	7.33	7.33	7.34	7.50	7.43	7.36	7.38	7.38	7.40	7.55	7.45	7.34	7.46	7.45	7.45	7.50	7.58	7.51	7.46
160	7.60	7.61	7.62	7.61	7.61	7.62	7.62	7.61	7.62	7.62	7.60	7.60	7.72	7.70	7.71	7.70	7.70	7.71	7.70
165	7.82	7.83	7.83	7.83	7.84	7.84	7.84	7.83	7.83	7.83	7.82	7.82	7.92	7.90	7.91	7.90	7.90	7.90	7.90
170	8.02	8.02	8.02	8.03	8.03	8.03	8.03	8.02	8.01	8.01	8.01	8.02	8.10	8.08	8.09	8.07	8.09	8.07	8.07
175	8.19	8.21	8.20	8.20	8.20	8.21	8.20	8.20	8.19	8.20	8.20	8.20	8.25	8.22	8.24	8.22	8.23	8.23	8.23
180	8.33	8.35	8.33	8.34	8.33	8.35	8.33	8.33	8.32	8.33	8.32	8.34	8.35	8.33	8.35	8.33	8.34	8.34	8.34

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:0.0590A P:10.60W PF:0.7900 Lamp Flux:1081.28x1 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	1239	1239	1239	1239	1239														
5	1205	1207	1201	1202	1200														
10	1100	1103	1098	1096	1092														
15	982	983	979	984	983														
20	833	837	840	848	841														
25	683	686	681	690	686														
30	504	514	507	510	498														
35	326	336	329	337	328														
40	194	198	194	196	188														
45	109	112	108	106	104														
50	59.6	62.7	58.8	57.3	56.5														
55	33.6	33.7	31.9	33.5	32.1														
60	22.7	22.3	21.5	22.3	21.3														
65	15.2	15.1	15.0	15.5	15.3														
70	10.5	10.6	10.6	10.9	10.9														
75	7.36	7.52	7.54	7.83	7.63														
80	4.99	5.16	5.17	6.96	5.03														
85	3.21	3.28	3.38	4.77	3.13														
90	2.32	2.34	2.57	2.52	2.19														
95	2.41	2.44	2.83	2.57	2.28														
100	2.57	2.61	3.19	2.93	2.47														
105	2.81	2.84	3.38	3.16	2.70														
110	3.11	3.14	3.75	3.52	3.03														
115	3.48	3.51	3.96	3.97	3.41														
120	3.93	3.96	4.44	4.14	3.87														
125	4.44	4.47	4.68	4.50	4.39														
130	5.01	5.03	5.15	5.01	4.96														
135	5.60	5.63	5.73	5.60	5.57														
140	6.17	6.22	6.31	6.17	6.14														
145	6.70	6.74	6.81	6.70	6.67														
150	7.14	7.19	7.31	7.22	7.12														
155	7.45	7.49	7.67	7.56	7.47														
160	7.69	7.71	7.72	7.72	7.72														
165	7.90	7.91	7.92	7.92	7.92														
170	8.06	8.08	8.08	8.09	8.09														
175	8.21	8.22	8.22	8.23	8.23														
180	8.32	8.33	8.32	8.33	8.33														

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: