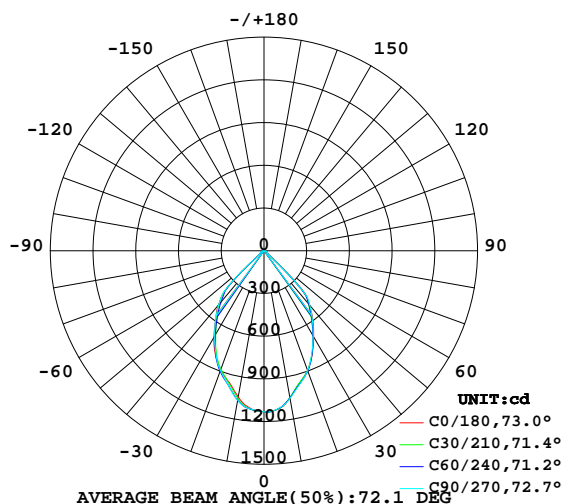


LUMINAIRE PHOTOMETRIC TEST REPORT

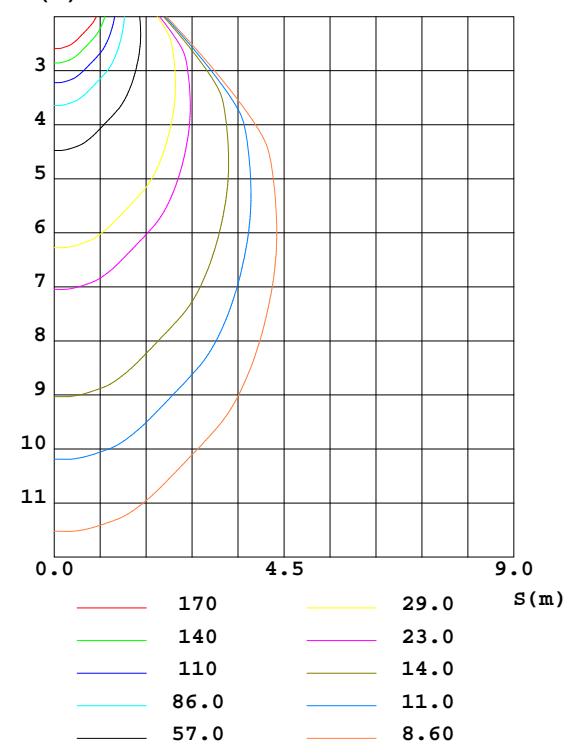
Test:U:226.7V I:0.0740A P:13.70W PF:0.8120 Lamp Flux:1449.23x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 105.78 lm/W			
MODEL	BL171-14W-830-W-60	Imax(cd)	1134	S/MH(C0/180)	0.98
NOMINAL POWER(W)	14	LOR(%)	100.0	S/MH(C90/270)	0.97
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1449.2	η UP,DN(C0-180)	1.2,48.6
NOMINAL FLUX(lm)	1449.23	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,49.0
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	226.6	η down(%)	97.6	CIBSE SHR MAX	1.15

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:2016-08-24

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	I lum, lamp
10	1052	1050	1053	1047	1043	1058	1066	1060	0- 10	104.6	104.6	7.22,7.22
20	895.9	903.0	896.7	887.7	892.6	881.2	894.3	888.8	10- 20	272.3	376.8	26,26
30	697.6	692.5	690.7	681.4	704.0	646.8	694.2	669.8	20- 30	365.5	742.4	51.2,51.2
40	499.0	481.4	500.5	494.0	497.9	461.7	494.9	455.5	30- 40	366.6	1109	76.5,76.5
50	44.50	44.28	40.30	44.25	48.21	50.82	52.46	49.31	40- 50	226.1	1335	92.1,92.1
60	28.06	28.77	28.03	28.22	28.38	28.49	28.29	28.39	50- 60	30.07	1365	94.2,94.2
70	17.44	17.93	17.65	17.49	17.00	16.89	17.04	17.24	60- 70	23.79	1389	95.8,95.8
80	12.43	12.63	12.36	12.38	12.33	12.31	12.50	12.61	70- 80	16.05	1405	97,97
90	2.456	2.440	2.436	2.429	2.758	2.893	3.255	2.778	80- 90	9.156	1414	97.6,97.6
100	3.041	3.045	3.052	3.051	3.395	3.368	3.360	3.374	90-100	3.132	1417	97.8,97.8
110	3.881	3.880	3.889	3.894	4.274	4.265	4.241	4.265	100-110	3.835	1421	98.1,98.1
120	4.933	4.940	4.950	4.957	5.338	5.327	5.298	5.330	110-120	4.547	1426	98.4,98.4
130	6.182	6.187	6.205	6.205	6.553	6.536	6.519	6.548	120-130	5.142	1431	98.7,98.7
140	7.436	7.444	7.451	7.470	7.742	7.731	7.718	7.742	130-140	5.400	1436	99.1,99.1
150	8.395	8.427	8.410	8.434	8.558	8.556	8.543	8.567	140-150	5.059	1441	99.5,99.5
160	9.364	9.368	9.378	9.366	9.472	9.462	9.454	9.484	150-160	4.132	1445	99.7,99.7
170	10.28	10.30	10.29	10.30	10.34	10.34	10.31	10.34	160-170	2.785	1448	99.9,99.9
180	10.91	10.94	10.90	10.94	10.93	10.93	10.91	10.93	170-180	1.009	1449	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

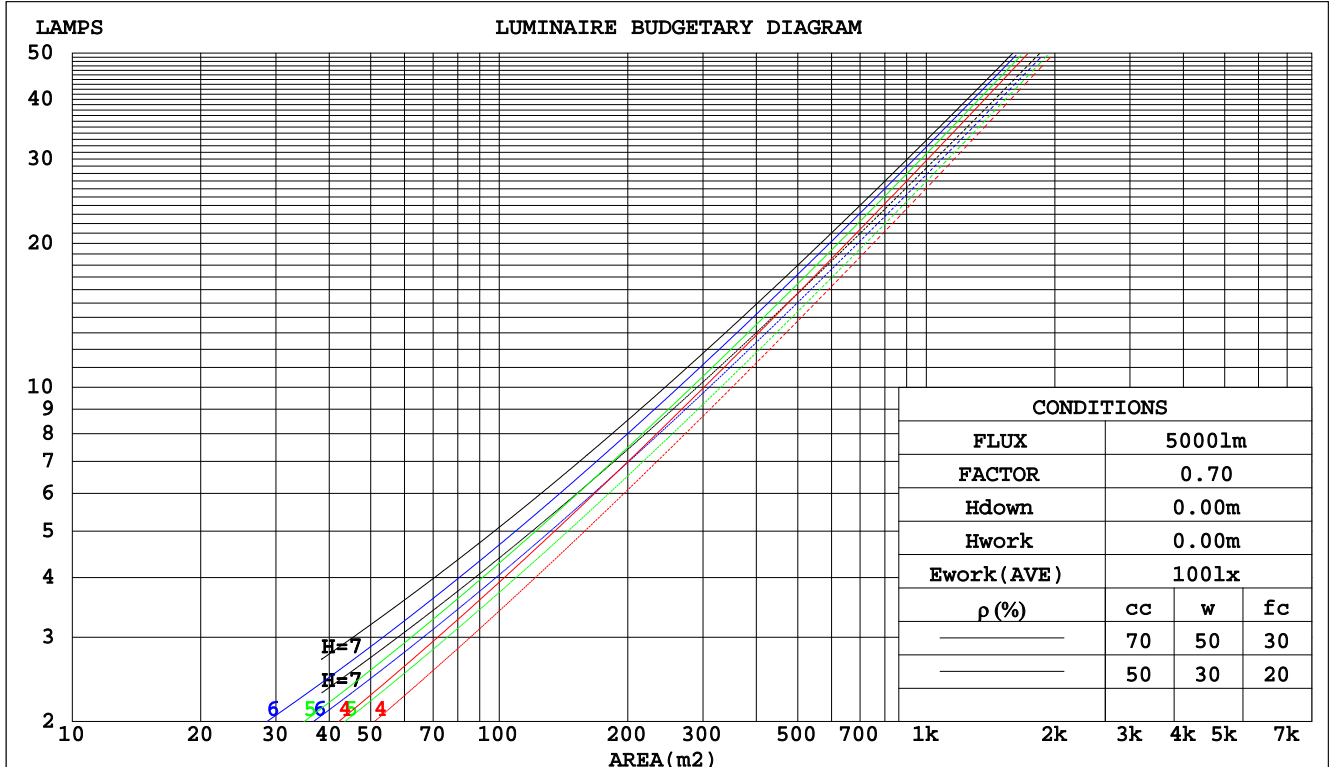
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-24

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:226.7V I:0.0740A P:13.70W PF:0.8120 Lamp Flux:1449.23x1 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	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.08	1.05	1.03	1.06	1.03	1.01	1.01	.99	.97	.97	.96	.94	.93	.92	.91	.89
2.0	.99	.94	.90	.97	.93	.89	.94	.90	.87	.90	.87	.85	.87	.85	.82	.81
3.0	.91	.85	.80	.89	.84	.80	.86	.82	.78	.83	.80	.77	.81	.78	.75	.73
4.0	.84	.77	.72	.82	.76	.72	.80	.75	.71	.77	.73	.69	.75	.71	.68	.67
5.0	.77	.70	.65	.76	.70	.65	.74	.68	.64	.72	.67	.63	.70	.66	.63	.61
6.0	.71	.64	.60	.70	.64	.59	.69	.63	.59	.67	.62	.58	.65	.61	.57	.56
7.0	.66	.59	.54	.65	.59	.54	.64	.58	.54	.62	.57	.53	.61	.56	.53	.51
8.0	.62	.55	.50	.61	.54	.50	.59	.54	.49	.58	.53	.49	.57	.52	.49	.47
9.0	.57	.51	.46	.57	.50	.46	.56	.50	.46	.54	.49	.45	.53	.49	.45	.44
10.0	.54	.47	.43	.53	.47	.43	.52	.46	.42	.51	.46	.42	.50	.45	.42	.40



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-24

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:226.7V I:0.0740A P:13.70W PF:0.8120 Lamp Flux:1449.23x1 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	.212	.120	.038	.204	.117	.037	.190	.109	.035	.177	.102	.033	.165	.096	.031	
2.0	.202	.111	.034	.196	.108	.033	.183	.102	.032	.172	.097	.030	.162	.092	.029	
3.0	.192	.102	.031	.186	.100	.030	.175	.095	.029	.166	.091	.028	.157	.087	.027	
4.0	.182	.094	.028	.177	.093	.027	.167	.089	.027	.159	.085	.026	.151	.082	.025	
5.0	.172	.088	.025	.168	.086	.025	.160	.083	.024	.152	.080	.024	.145	.077	.023	
6.0	.164	.082	.023	.160	.081	.023	.152	.078	.023	.146	.076	.022	.139	.073	.022	
7.0	.156	.077	.022	.152	.076	.022	.146	.074	.021	.139	.071	.021	.134	.069	.020	
8.0	.148	.072	.020	.145	.071	.020	.139	.070	.020	.134	.068	.020	.128	.066	.019	
9.0	.141	.068	.019	.139	.068	.019	.133	.066	.019	.128	.064	.018	.123	.063	.018	
10.0	.135	.065	.018	.132	.064	.018	.127	.062	.018	.123	.061	.017	.118	.060	.017	

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	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.192	.176	.161	.164	.151	.138	.112	.104	.096	.065	.060	.056	.021	.019	.018	
2.0	.179	.151	.128	.153	.130	.110	.105	.090	.077	.061	.052	.045	.019	.017	.015	
3.0	.168	.133	.104	.144	.114	.090	.099	.079	.063	.057	.046	.037	.018	.015	.012	
4.0	.159	.118	.087	.137	.102	.076	.094	.071	.053	.054	.042	.032	.017	.014	.010	
5.0	.151	.107	.075	.130	.093	.065	.089	.065	.046	.052	.038	.027	.017	.012	.009	
6.0	.144	.098	.065	.124	.085	.057	.086	.060	.040	.050	.035	.024	.016	.011	.008	
7.0	.138	.091	.058	.119	.079	.051	.082	.055	.036	.048	.033	.021	.015	.011	.007	
8.0	.133	.085	.053	.114	.074	.046	.079	.052	.033	.046	.031	.019	.015	.010	.006	
9.0	.128	.080	.048	.110	.070	.042	.076	.049	.030	.044	.029	.018	.014	.009	.006	
10.0	.123	.076	.045	.106	.066	.039	.073	.046	.028	.043	.027	.017	.014	.009	.005	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-24

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:226.7V I:0.0740A P:13.70W PF:0.8120 Lamp Flux:1449.23x1 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	21.5	22.6	21.8	22.8	23.1	21.4	22.5	21.7	22.8	23.0	
	3H	21.5	22.5	21.8	22.7	23.0	21.4	22.4	21.7	22.7	22.9
	4H	21.5	22.5	21.8	22.7	23.0	21.4	22.4	21.7	22.6	22.9
	6H	21.6	22.5	21.9	22.7	23.0	21.5	22.4	21.8	22.7	23.0
	8H	21.6	22.5	22.0	22.8	23.1	21.5	22.4	21.9	22.7	23.0
	12H	21.7	22.5	22.1	22.8	23.2	21.6	22.4	22.0	22.7	23.1
4H	2H	21.3	22.3	21.6	22.5	22.8	21.2	22.2	21.5	22.4	22.7
	3H	21.3	22.1	21.7	22.5	22.8	21.3	22.1	21.6	22.4	22.7
	4H	21.4	22.2	21.8	22.5	22.9	21.4	22.1	21.7	22.4	22.8
	6H	21.6	22.2	22.0	22.6	23.0	21.5	22.2	21.9	22.6	23.0
	8H	21.7	22.3	22.2	22.7	23.1	21.6	22.2	22.1	22.6	23.1
	12H	21.9	22.4	22.3	22.8	23.3	21.8	22.3	22.2	22.8	23.2
8H	4H	21.4	22.0	21.8	22.4	22.8	21.3	21.9	21.8	22.3	22.7
	6H	21.7	22.2	22.1	22.6	23.1	21.6	22.1	22.1	22.5	23.0
	8H	21.9	22.3	22.4	22.8	23.3	21.8	22.2	22.3	22.7	23.2
	12H	22.2	22.5	22.7	23.0	23.5	22.1	22.4	22.6	22.9	23.4
12H	4H	21.4	21.9	21.8	22.3	22.8	21.3	21.9	21.8	22.3	22.7
	6H	21.7	22.1	22.2	22.6	23.1	21.6	22.1	22.1	22.5	23.0
	8H	21.9	22.3	22.5	22.8	23.3	21.9	22.2	22.4	22.7	23.3
Variations with the observer position at spacings:											
S = 1.0H	+ 2.5 / - 3.9					+ 2.6 / - 3.9					
1.5H	+ 2.8 / - 4.6					+ 3.0 / - 4.5					
2.0H	+ 6.2 / - 2.2					+ 5.9 / - 1.8					

CIE Pub.117 Corrected 1449 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:2016-08-24

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:226.7V I:0.0740A P:13.70W PF:0.8120 Lamp Flux:1449.23x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

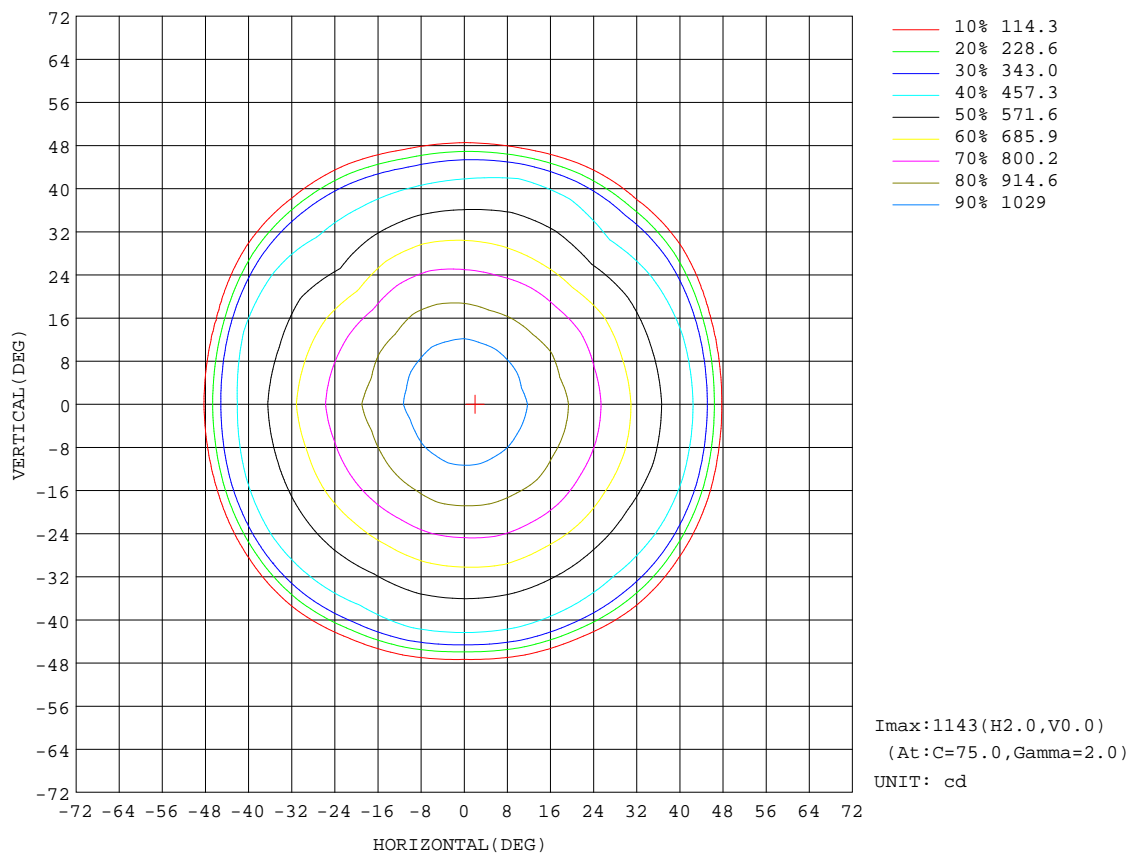
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	77	69	64	76	69	64	75	68	64	59
0.80	86	78	73	85	78	73	83	77	73	68
1.00	92	85	80	91	84	80	89	84	79	74
1.25	97	90	86	96	90	85	93	88	84	79
1.50	100	94	90	99	93	89	96	92	88	82
2.00	104	99	95	103	98	94	99	95	92	86
2.50	107	102	98	105	100	97	101	97	95	88
3.00	109	104	101	106	103	99	103	99	97	89
4.00	111	107	104	109	106	103	104	102	100	92
5.00	112	109	107	110	107	105	105	103	102	93
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:2016-08-24

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:226.7V I:0.0740A P:13.70W PF:0.8120 Lamp Flux:1449.23x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

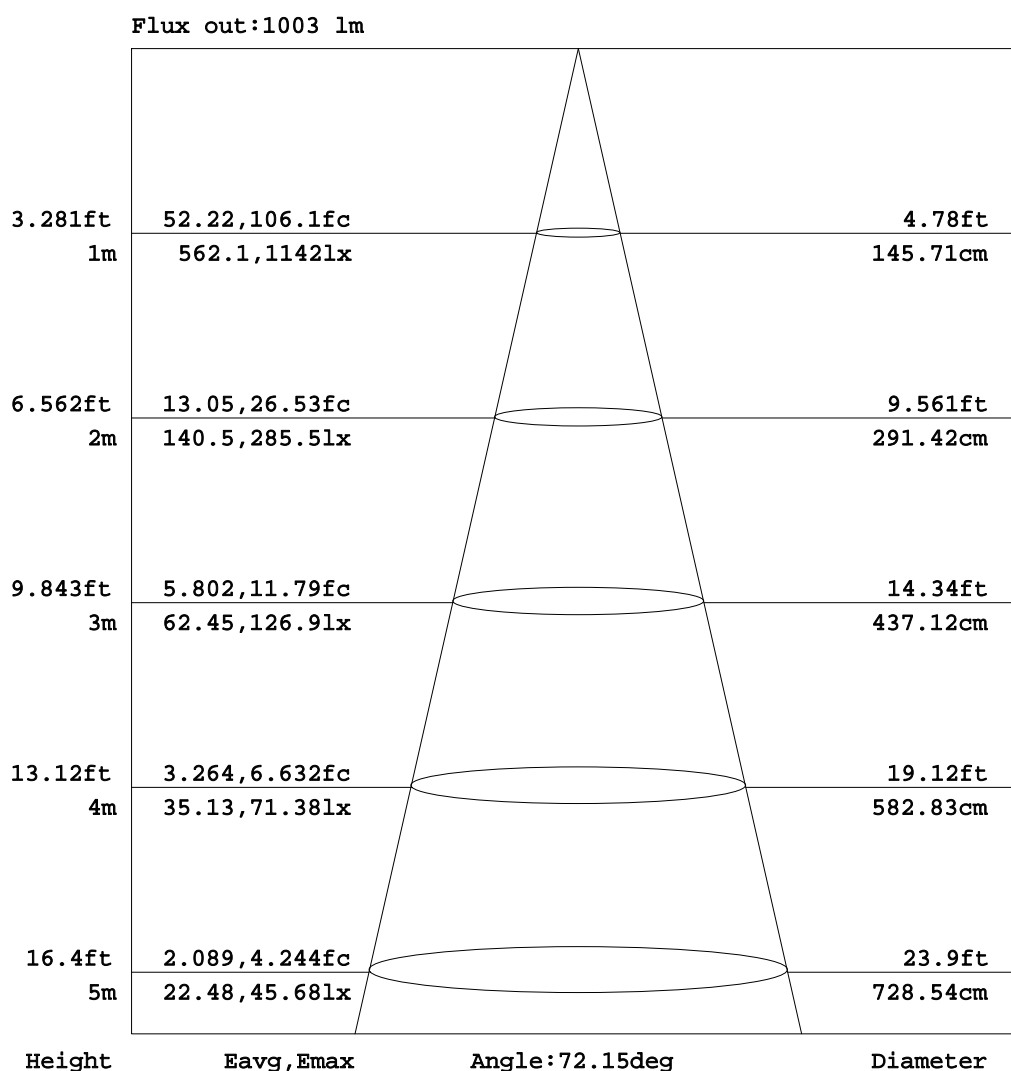


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-24

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:226.7V I:0.0740A P:13.70W PF:0.8120 Lamp Flux:1449.23x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



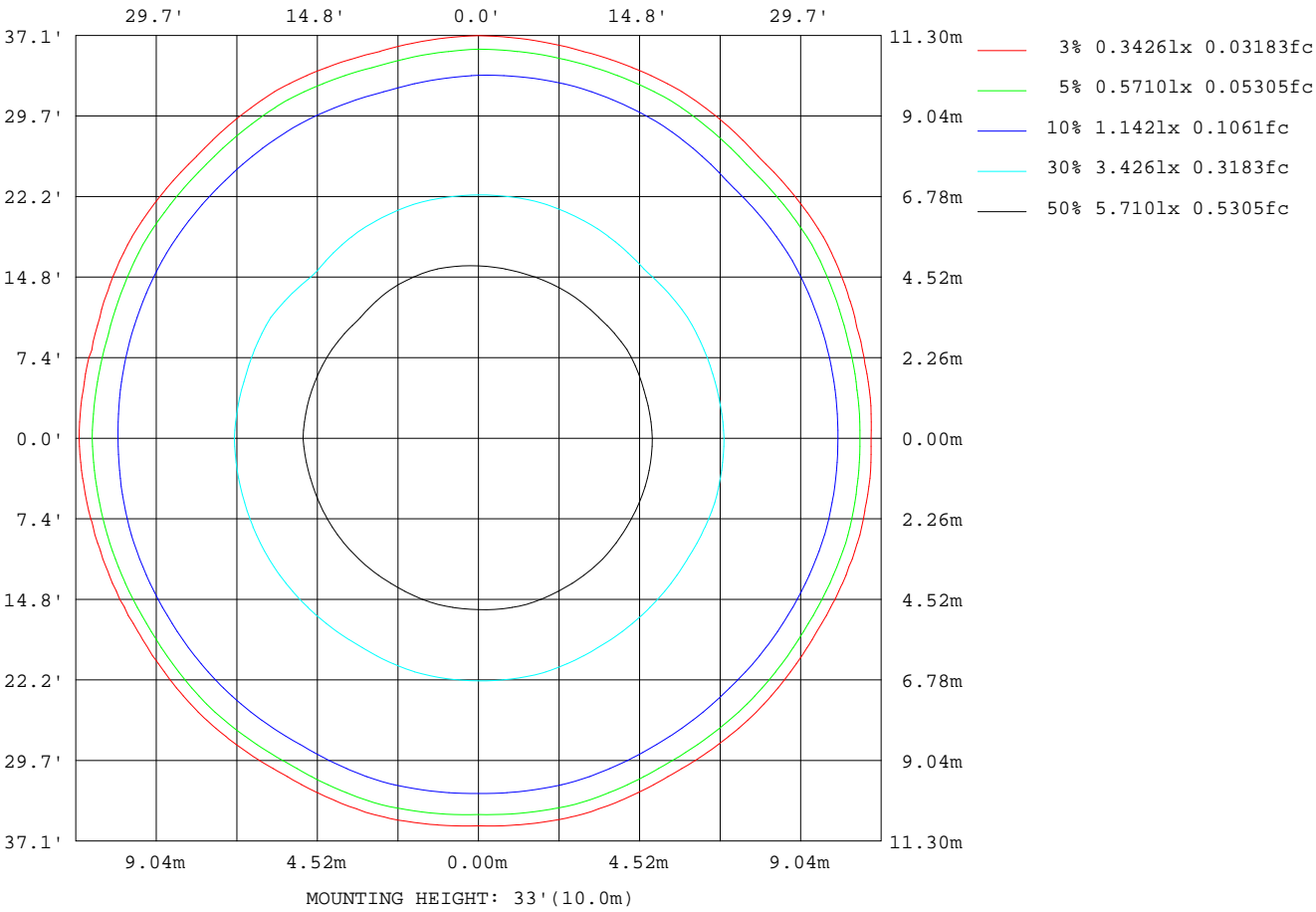
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-24

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

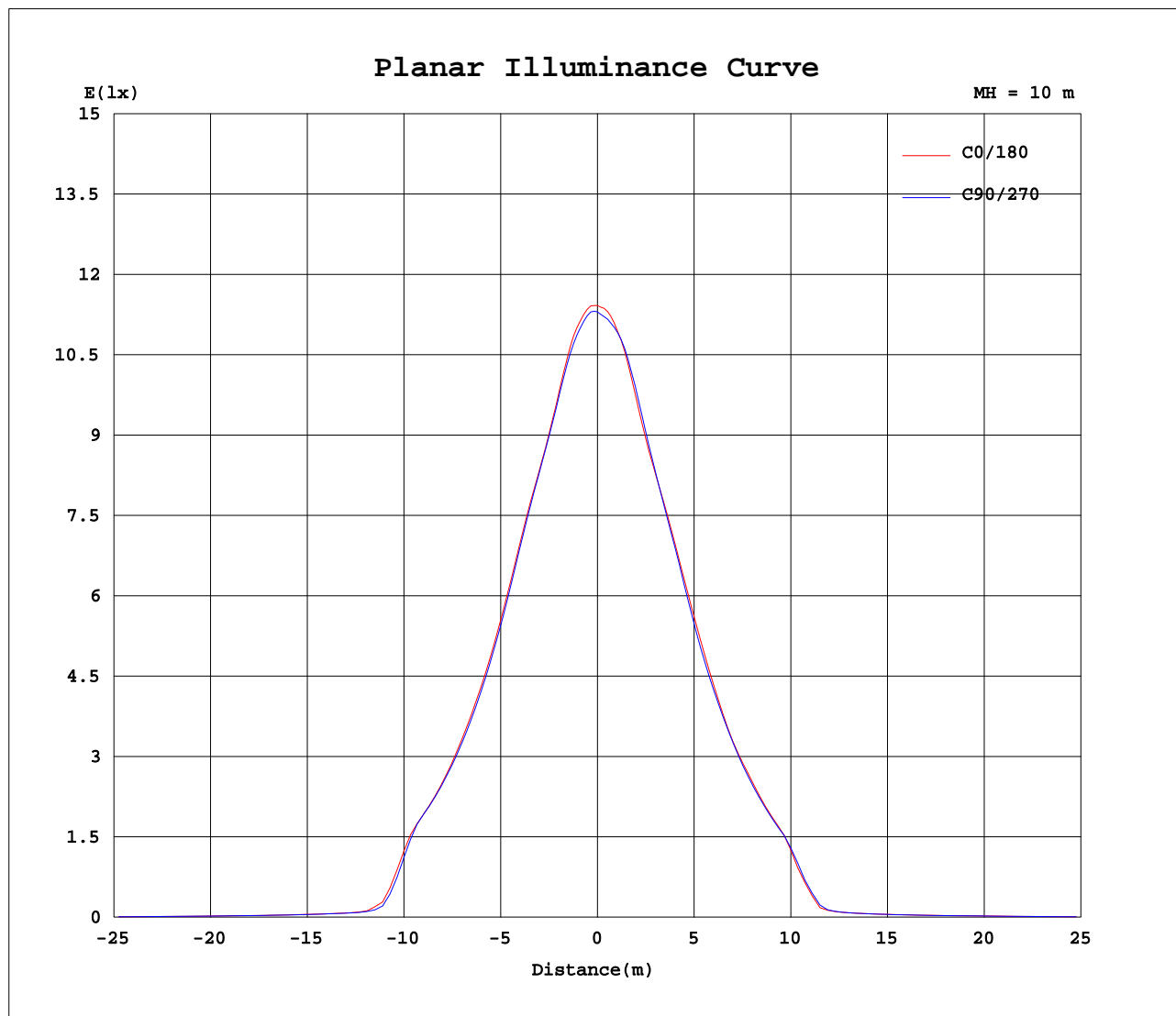
Test:U:226.7V I:0.0740A P:13.70W PF:0.8120 Lamp Flux:1449.23x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-24

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: 2016-08-24

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:226.7V I:0.0740A P:13.70W PF:0.8120 Lamp Flux:1449.23x1 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	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131
5	1116	1118	1117	1118	1116	1117	1114	1116	1113	1111	1108	1109	1111	1113	1116	1115	1116	1115	1115
10	1052	1051	1047	1050	1049	1055	1053	1054	1048	1047	1042	1043	1043	1045	1055	1058	1066	1065	1066
15	964	963	960	967	969	972	971	973	964	962	954	951	955	950	960	961	976	976	976
20	896	897	895	903	900	901	897	898	890	888	891	894	893	879	884	881	900	903	894
25	800	802	798	802	800	804	795	796	788	791	799	804	807	799	792	779	803	812	800
30	698	699	692	692	689	698	691	689	680	681	692	697	704	692	679	647	685	700	694
35	599	599	581	580	584	595	593	592	579	585	591	595	592	581	580	545	573	591	595
40	499	499	484	481	488	498	501	501	483	494	499	504	498	499	493	462	470	485	495
45	347	347	325	307	307	325	316	328	310	330	340	358	351	365	366	357	355	341	366
50	44.5	44.2	43.7	44.3	42.4	41.9	40.3	42.0	42.3	44.2	44.4	46.7	48.2	48.9	51.6	50.8	52.9	51.5	52.5
55	32.4	32.6	33.0	33.4	32.4	32.0	31.5	31.9	32.0	32.2	31.9	32.2	32.6	32.9	33.2	32.8	33.1	32.9	32.9
60	28.1	28.3	28.5	28.8	28.1	28.0	28.0	28.3	28.2	28.2	28.0	28.1	28.4	28.5	28.7	28.5	28.4	28.3	28.3
65	25.1	25.4	25.6	26.0	25.5	25.3	25.0	25.3	25.2	25.3	25.2	25.2	25.1	25.0	25.2	25.1	25.4	25.2	25.0
70	17.4	17.7	17.7	17.9	17.8	17.8	17.6	17.7	17.5	17.5	17.2	17.1	17.0	16.8	17.1	16.9	17.1	16.8	17.0
75	15.7	15.9	15.9	16.0	15.9	16.1	15.9	16.0	15.7	15.6	15.3	15.3	15.3	15.1	15.1	14.9	15.0	15.0	15.1
80	12.4	12.5	12.5	12.6	12.5	12.6	12.4	12.4	12.3	12.4	12.2	12.2	12.3	12.3	12.4	12.3	12.4	12.4	12.5
85	8.94	8.98	8.65	8.74	8.43	8.60	8.37	8.62	8.50	8.79	8.70	8.94	9.20	9.14	9.38	9.33	9.56	9.49	9.67
90	2.46	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.43	2.45	2.44	2.76	2.76	3.01	2.89	3.22	3.03	3.26
95	2.69	2.71	2.70	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.69	2.70	3.03	3.01	3.00	3.00	2.99	3.00	2.99
100	3.04	3.05	3.04	3.05	3.04	3.06	3.05	3.06	3.05	3.05	3.04	3.03	3.39	3.39	3.37	3.37	3.36	3.36	3.36
105	3.43	3.44	3.44	3.44	3.44	3.45	3.45	3.44	3.45	3.45	3.44	3.44	3.82	3.82	3.80	3.80	3.78	3.80	3.78
110	3.88	3.88	3.88	3.88	3.89	3.89	3.89	3.89	3.90	3.89	3.90	3.88	4.27	4.28	4.26	4.26	4.24	4.25	4.24
115	4.38	4.38	4.39	4.38	4.40	4.39	4.40	4.39	4.41	4.40	4.41	4.39	4.79	4.78	4.77	4.77	4.75	4.76	4.75
120	4.93	4.93	4.95	4.94	4.96	4.94	4.95	4.95	4.97	4.96	4.97	4.95	5.34	5.34	5.33	5.33	5.30	5.32	5.30
125	5.54	5.54	5.56	5.55	5.57	5.55	5.57	5.56	5.58	5.57	5.58	5.56	5.93	5.93	5.92	5.92	5.90	5.91	5.90
130	6.18	6.18	6.20	6.19	6.20	6.20	6.20	6.19	6.21	6.21	6.22	6.20	6.55	6.55	6.54	6.54	6.52	6.53	6.52
135	6.82	6.81	6.83	6.82	6.84	6.84	6.84	6.82	6.84	6.85	6.86	6.84	7.16	7.17	7.15	7.15	7.14	7.14	7.14
140	7.44	7.43	7.45	7.44	7.45	7.46	7.45	7.44	7.46	7.47	7.48	7.46	7.74	7.74	7.73	7.73	7.73	7.73	7.72
145	7.96	7.97	7.98	7.99	7.99	8.00	7.98	7.98	8.00	8.00	8.01	8.00	8.19	8.19	8.19	8.18	8.19	8.19	8.18
150	8.39	8.41	8.43	8.43	8.43	8.43	8.41	8.42	8.44	8.43	8.44	8.42	8.56	8.56	8.56	8.56	8.55	8.56	8.54
155	8.89	8.91	8.91	8.90	8.90	8.91	8.91	8.90	8.91	8.90	8.91	8.89	9.01	9.02	9.01	9.00	8.99	9.01	9.00
160	9.36	9.37	9.37	9.37	9.38	9.38	9.38	9.37	9.38	9.37	9.37	9.36	9.47	9.47	9.48	9.46	9.45	9.46	9.45
165	9.83	9.83	9.83	9.83	9.85	9.85	9.84	9.83	9.84	9.83	9.84	9.82	9.92	9.92	9.92	9.91	9.90	9.89	9.88
170	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.3	10.3	10.3	10.3
175	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
180	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-24

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:226.7V I:0.0740A P:13.70W PF:0.8120 Lamp Flux:1449.23x1 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	1131	1131	1131	1131	1131													
5	1114	1116	1114	1116	1116													
10	1062	1064	1060	1060	1054													
15	969	968	966	971	965													
20	885	891	889	901	897													
25	794	797	796	809	806													
30	688	678	670	696	698													
35	599	589	564	590	597													
40	509	499	455	482	498													
45	385	371	333	355	357													
50	51.4	52.1	49.3	49.3	45.3													
55	32.7	33.1	33.0	33.1	32.2													
60	28.2	28.4	28.4	28.6	28.1													
65	24.8	25.1	25.3	25.8	25.4													
70	16.9	17.4	17.2	17.5	17.4													
75	15.2	15.3	15.4	15.7	15.7													
80	12.5	12.6	12.6	12.7	12.6													
85	9.57	9.69	9.48	9.55	9.26													
90	2.96	3.09	2.78	2.82	2.73													
95	3.00	3.00	3.00	3.01	3.02													
100	3.37	3.37	3.37	3.38	3.40													
105	3.80	3.80	3.81	3.81	3.82													
110	4.26	4.25	4.27	4.27	4.28													
115	4.77	4.76	4.78	4.78	4.79													
120	5.32	5.32	5.33	5.33	5.33													
125	5.92	5.92	5.93	5.92	5.92													
130	6.54	6.54	6.55	6.54	6.55													
135	7.16	7.15	7.16	7.15	7.16													
140	7.74	7.73	7.74	7.73	7.74													
145	8.19	8.20	8.20	8.19	8.20													
150	8.56	8.56	8.57	8.56	8.56													
155	9.01	9.01	9.02	9.01	9.02													
160	9.47	9.48	9.48	9.48	9.49													
165	9.91	9.91	9.92	9.92	9.93													
170	10.3	10.3	10.3	10.4	10.3													
175	10.7	10.7	10.7	10.7	10.7													
180	10.9	10.9	10.9	10.9	10.9													

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-24

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: