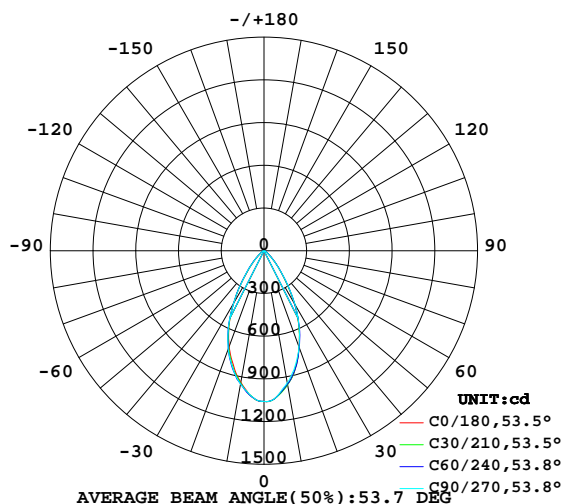


LUMINAIRE PHOTOMETRIC TEST REPORT

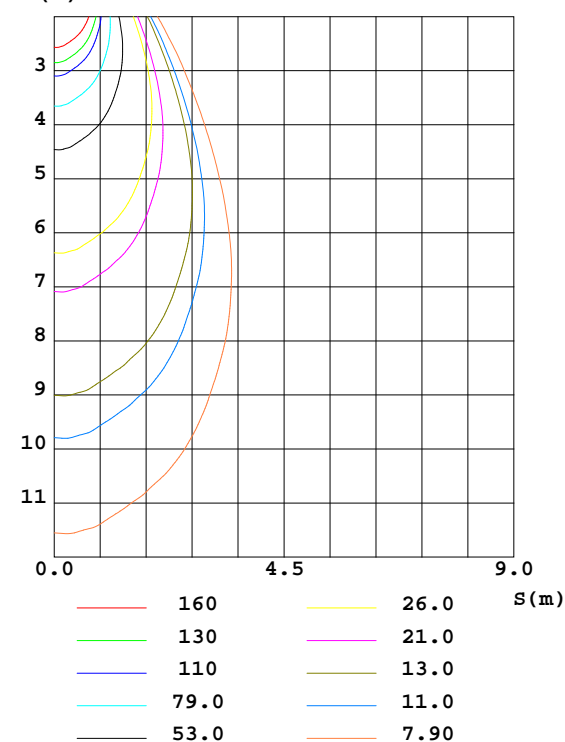
Test:U:226.4V I:0.0440A P:8.460W PF:0.8400 Lamp Flux:923.72x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.19 lm/W			
MODEL	M022-9W-840-S-60	Imax(cd)	1061	S/MH(C0/180)	0.81
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.81
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	923.72	η UP,DN(C0-180)	1.2,48.8
NOMINAL FLUX(lm)	923.72	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.7
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	226.4	η down(%)	97.5	CIBSE SHR MAX	0.85

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: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	952.3	953.3	941.5	935.8	938.1	945.0	951.2	946.9	0- 10	95.22	95.22	10.3,10.3
20	719.9	732.0	718.6	711.9	716.7	727.2	736.3	716.2	10- 20	235.0	330.2	35.8,35.8
30	426.2	436.2	434.3	434.1	429.9	426.8	431.2	425.4	20- 30	264.4	594.7	64.4,64.4
40	166.4	170.7	167.6	165.5	163.5	165.6	168.2	168.1	30- 40	176.3	771.0	83.5,83.5
50	51.45	53.96	49.84	50.70	49.24	50.92	52.27	52.64	40- 50	76.06	847.0	91.7,91.7
60	21.10	20.99	20.12	19.66	19.60	19.45	20.98	20.02	50- 60	28.57	875.6	94.8,94.8
70	10.21	10.07	10.10	9.501	9.701	9.333	10.10	9.736	60- 70	14.07	889.7	96.3,96.3
80	4.474	4.625	4.656	4.713	4.579	4.396	4.665	4.826	70- 80	7.489	897.2	97.1,97.1
90	1.583	1.588	1.723	1.783	1.847	1.867	1.934	1.992	80- 90	3.346	900.5	97.5,97.5
100	1.720	1.749	1.864	1.980	2.093	2.078	2.180	2.276	90-100	2.091	902.6	97.7,97.7
110	2.172	2.189	2.275	2.441	2.560	2.559	2.641	2.709	100-110	2.398	905.0	98,98
120	2.940	2.946	3.041	3.149	3.282	3.280	3.349	3.398	110-120	2.824	907.8	98.3,98.3
130	3.952	3.950	4.033	4.138	4.217	4.212	4.267	4.307	120-130	3.289	911.1	98.6,98.6
140	5.030	5.031	5.113	5.216	5.224	5.212	5.246	5.312	130-140	3.604	914.7	99,99
150	5.919	5.961	5.978	6.097	6.051	6.053	6.073	6.168	140-150	3.532	918.3	99.4,99.4
160	6.455	6.448	6.457	6.491	6.555	6.539	6.553	6.542	150-160	2.915	921.2	99.7,99.7
170	6.802	6.799	6.803	6.816	6.869	6.845	6.859	6.851	160-170	1.886	923.1	99.9,99.9
180	7.082	7.065	7.074	7.073	7.082	7.072	7.072	7.075	170-180	0.6605	923.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

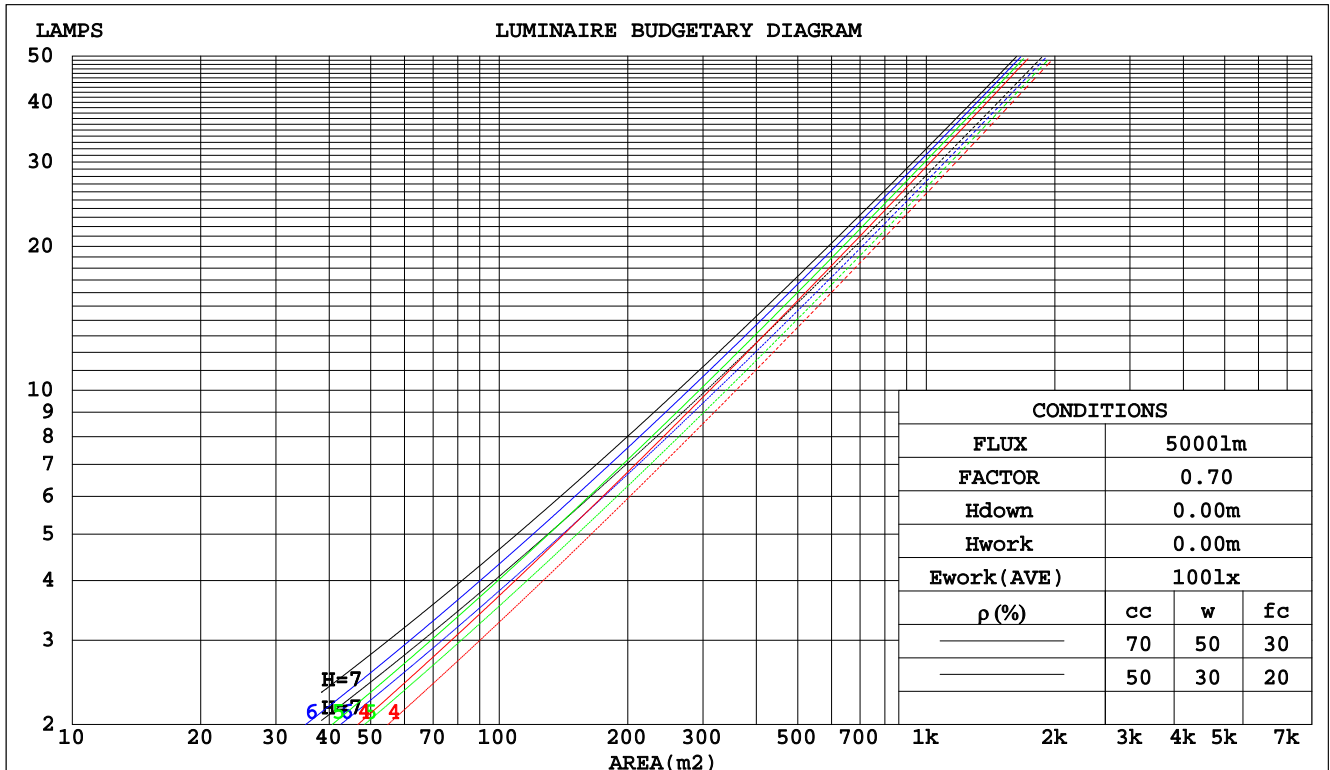
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:226.4V I:0.0440A P:8.460W PF:0.8400 Lamp Flux:923.72x1 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	.97
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	.96	.93	.99	.95	.92	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.93	.88	.84	.92	.87	.83	.89	.85	.81	.86	.83	.80	.83	.81	.78	.76
4.0	.87	.81	.76	.85	.80	.76	.83	.78	.75	.81	.77	.73	.78	.75	.72	.71
5.0	.81	.75	.70	.80	.74	.70	.78	.73	.69	.76	.71	.68	.74	.70	.67	.65
6.0	.76	.69	.65	.75	.69	.64	.73	.68	.64	.71	.67	.63	.70	.66	.62	.61
7.0	.71	.65	.60	.70	.64	.60	.68	.63	.59	.67	.62	.59	.66	.62	.58	.57
8.0	.67	.60	.56	.66	.60	.56	.65	.59	.55	.63	.59	.55	.62	.58	.55	.53
9.0	.63	.57	.52	.62	.56	.52	.61	.56	.52	.60	.55	.52	.59	.54	.51	.50
10.0	.59	.53	.49	.59	.53	.49	.58	.52	.49	.57	.52	.49	.56	.51	.48	.47



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:226.4V I:0.0440A P:8.460W PF:0.8400 Lamp Flux:923.72x1 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	.188	.107	.034	.174	.100	.032	.161	.093	.030	.149	.086	.028		
2.0	.186	.102	.031	.179	.099	.030	.167	.093	.029	.156	.088	.027	.146	.083	.026		
3.0	.176	.094	.028	.171	.091	.027	.160	.087	.026	.150	.082	.025	.141	.078	.024		
4.0	.167	.087	.025	.162	.085	.025	.153	.081	.024	.144	.077	.023	.136	.074	.023		
5.0	.158	.081	.023	.154	.079	.023	.146	.076	.022	.138	.073	.022	.131	.070	.021		
6.0	.150	.075	.022	.146	.074	.021	.139	.071	.021	.132	.069	.020	.126	.066	.020		
7.0	.143	.071	.020	.139	.069	.020	.133	.067	.019	.127	.065	.019	.121	.063	.019		
8.0	.136	.066	.019	.133	.065	.019	.127	.064	.018	.122	.062	.018	.117	.060	.017		
9.0	.130	.063	.018	.127	.062	.017	.122	.060	.017	.117	.059	.017	.112	.057	.016		
10.0	.124	.060	.017	.122	.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	.176	.163	.164	.151	.140	.112	.104	.097	.065	.060	.056	.021	.019	.018	
2.0	.178	.152	.130	.152	.131	.113	.104	.090	.079	.060	.053	.046	.019	.017	.015	
3.0	.166	.133	.107	.142	.115	.093	.098	.080	.065	.056	.047	.038	.018	.015	.013	
4.0	.156	.119	.090	.134	.103	.078	.092	.072	.055	.053	.042	.033	.017	.014	.011	
5.0	.148	.107	.078	.127	.093	.068	.087	.065	.048	.051	.038	.028	.016	.012	.009	
6.0	.140	.098	.068	.121	.085	.059	.083	.060	.042	.048	.035	.025	.016	.011	.008	
7.0	.134	.091	.061	.115	.079	.053	.080	.055	.037	.046	.033	.022	.015	.011	.007	
8.0	.128	.085	.055	.110	.074	.048	.076	.052	.034	.044	.030	.020	.014	.010	.007	
9.0	.123	.080	.050	.106	.069	.044	.074	.049	.031	.043	.029	.019	.014	.009	.006	
10.0	.118	.075	.047	.102	.065	.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:226.4V I:0.0440A P:8.460W PF:0.8400 Lamp Flux:923.72x1 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	23.8	24.8	24.1	25.0	25.2	23.9	24.9	24.2	25.1	25.4
	3H	23.9	24.8	24.2	25.0	25.3	24.0	24.9	24.3	25.2	25.4
	4H	23.9	24.8	24.2	25.0	25.3	24.0	24.9	24.4	25.2	25.4
	6H	23.9	24.8	24.3	25.0	25.3	24.1	24.9	24.4	25.2	25.5
	8H	23.9	24.7	24.3	25.0	25.3	24.1	24.9	24.4	25.2	25.5
	12H	24.0	24.7	24.3	25.0	25.3	24.1	24.9	24.5	25.2	25.5
4H	2H	23.7	24.6	24.0	24.8	25.1	23.8	24.7	24.1	25.0	25.2
	3H	23.9	24.6	24.2	24.9	25.2	24.0	24.7	24.3	25.0	25.4
	4H	24.0	24.6	24.3	25.0	25.3	24.1	24.7	24.5	25.1	25.5
	6H	24.0	24.6	24.5	25.0	25.4	24.2	24.8	24.6	25.2	25.6
	8H	24.1	24.6	24.5	25.0	25.5	24.3	24.8	24.7	25.2	25.6
	12H	24.1	24.6	24.6	25.0	25.5	24.3	24.8	24.8	25.3	25.7
8H	4H	23.9	24.5	24.4	24.9	25.3	24.0	24.6	24.5	25.0	25.4
	6H	24.1	24.5	24.5	25.0	25.4	24.3	24.8	24.8	25.2	25.7
	8H	24.2	24.6	24.7	25.0	25.5	24.5	24.9	25.0	25.3	25.8
	12H	24.3	24.6	24.8	25.1	25.6	24.6	24.9	25.1	25.4	25.9
12H	4H	23.9	24.4	24.4	24.8	25.3	24.0	24.5	24.5	24.9	25.4
	6H	24.1	24.5	24.6	24.9	25.4	24.3	24.7	24.8	25.2	25.7
	8H	24.2	24.5	24.7	25.0	25.5	24.5	24.8	25.0	25.3	25.8
Variations with the observer position at spacings:											
S = 1.0H	+ 1.7 / - 2.7					+ 1.7 / - 2.5					
1.5H	+ 3.0 / - 2.4					+ 3.0 / - 2.2					
2.0H	+ 3.1 / - 1.7					+ 2.9 / - 1.5					

CIE Pub.117 Corrected 923.7 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:226.4V I:0.0440A P:8.460W PF:0.8400 Lamp Flux:923.72x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

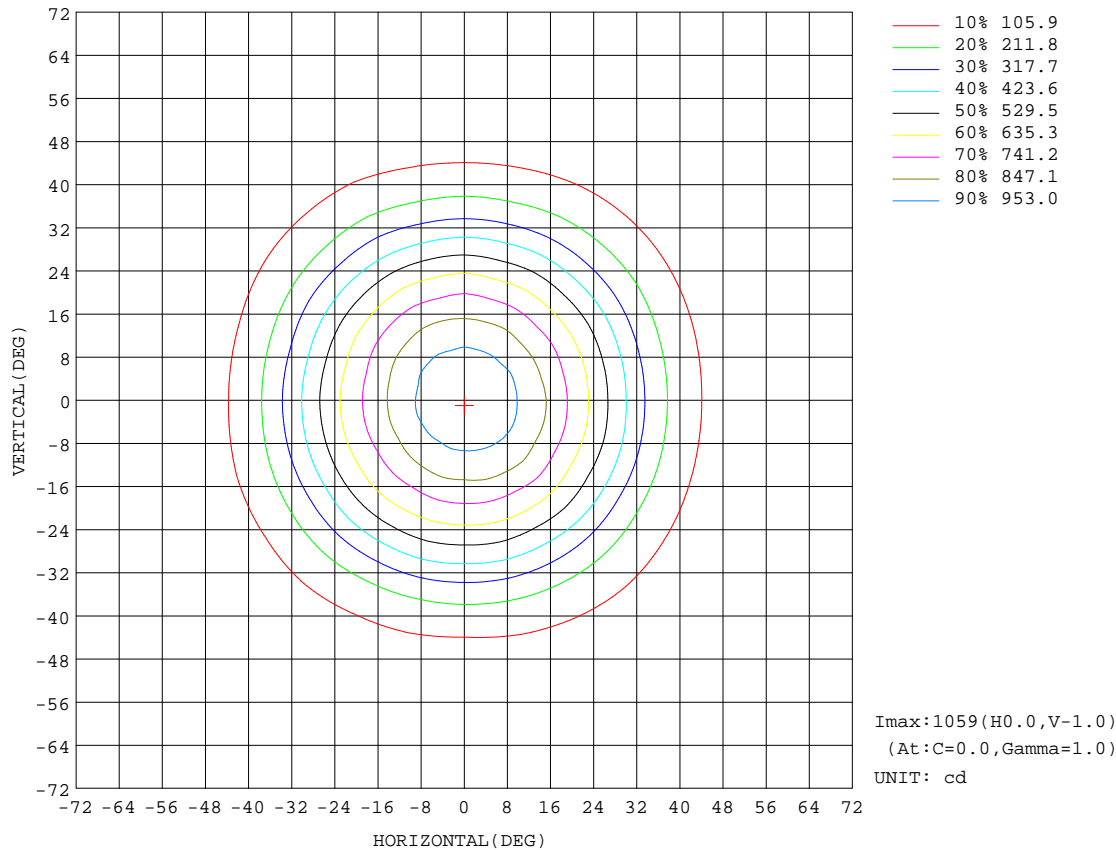
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	81	74	70	81	74	69	80	73	69	65
0.80	89	82	78	88	82	78	87	81	77	73
1.00	95	88	84	94	87	83	92	87	83	78
1.25	99	93	89	98	92	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	107	104	101	104	101	99	91
4.00	112	109	106	110	107	104	105	103	101	93
5.00	113	111	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:226.4V I:0.0440A P:8.460W PF:0.8400 Lamp Flux:923.72x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

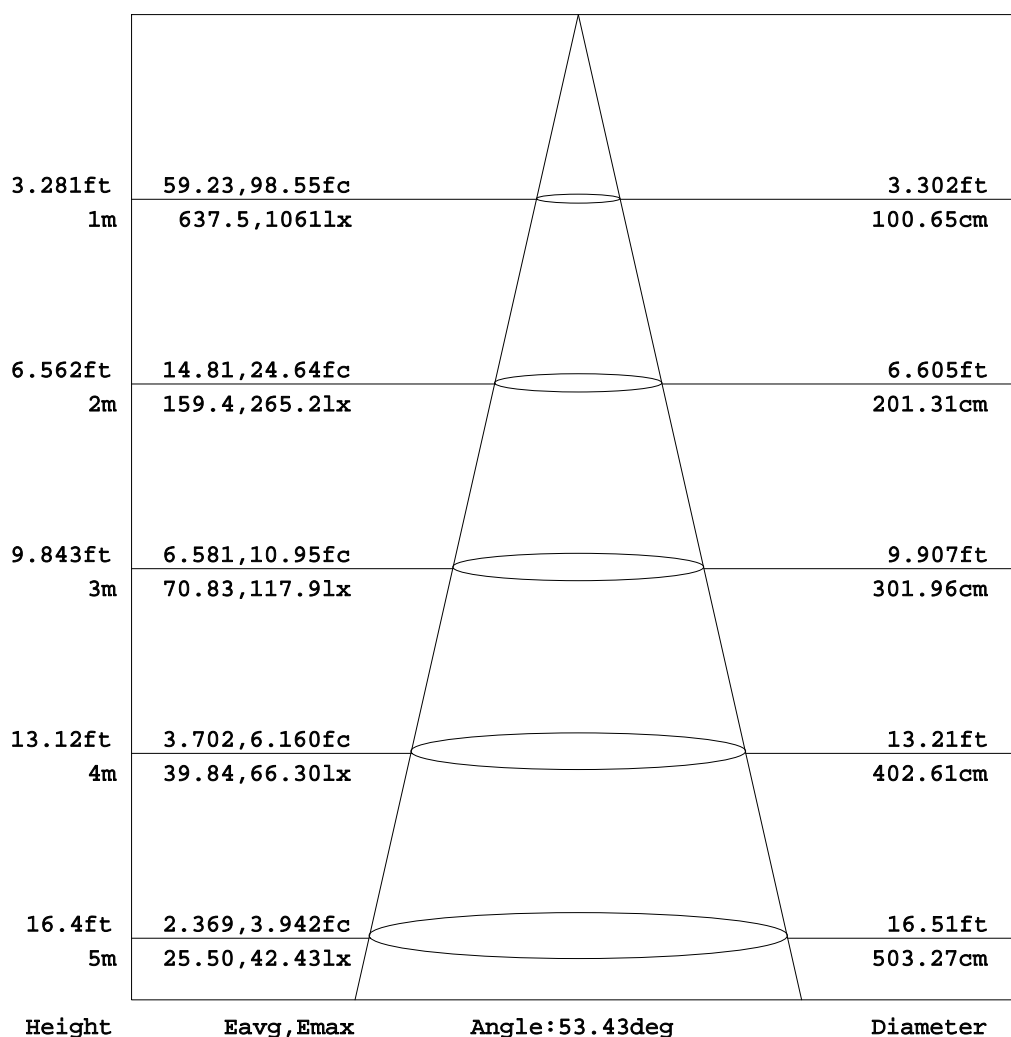


C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Temperature:25.3DEG	Humidity:65.0%
Operators:ZhangXiao	Test Distance:6.590m [K=1.0000]
Test Date:2015-12-07	Remarks:

AAI Figure

Test:U:226.4V I:0.0440A P:8.460W PF:0.8400 Lamp Flux:923.72x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:519.9 lm



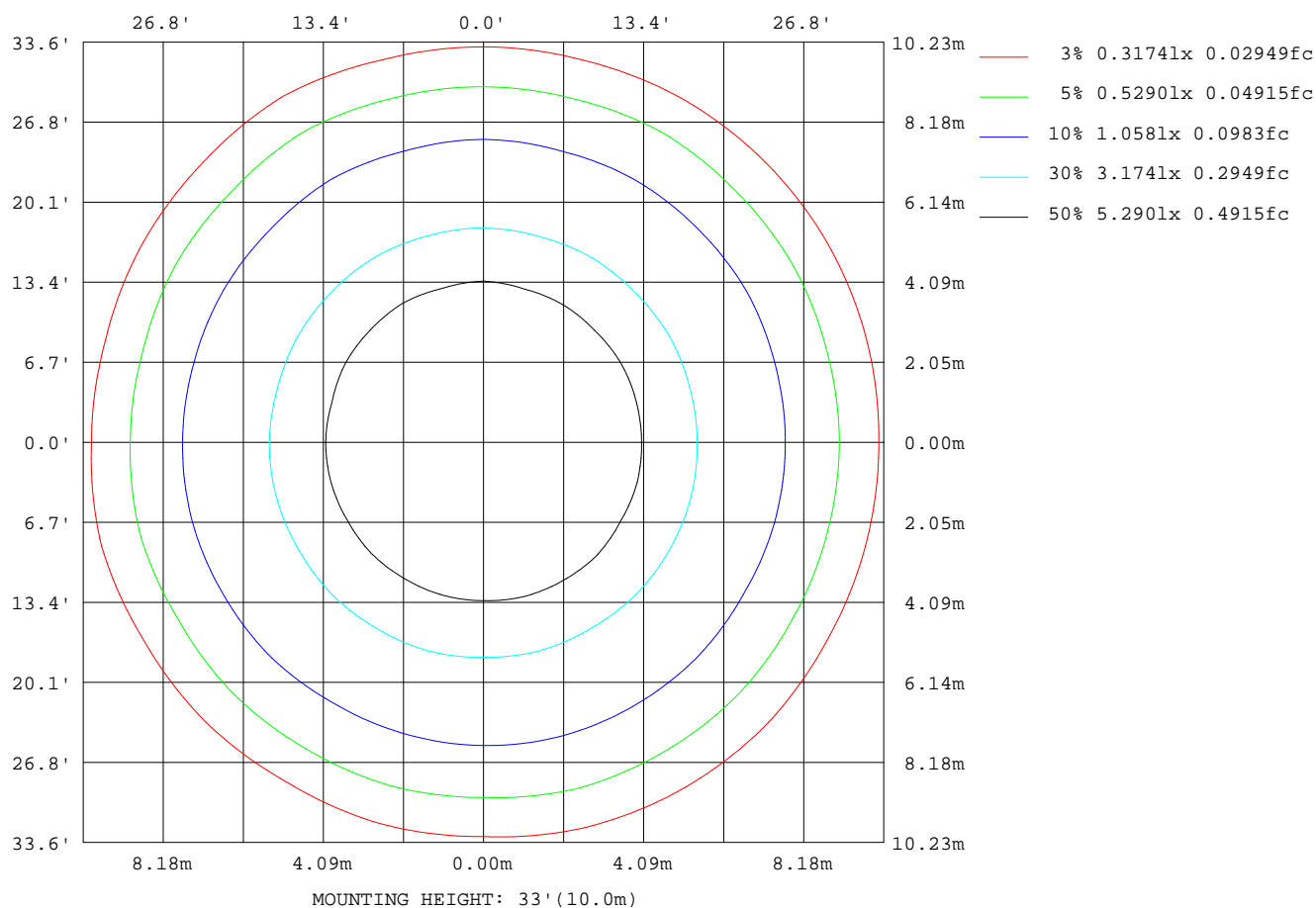
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

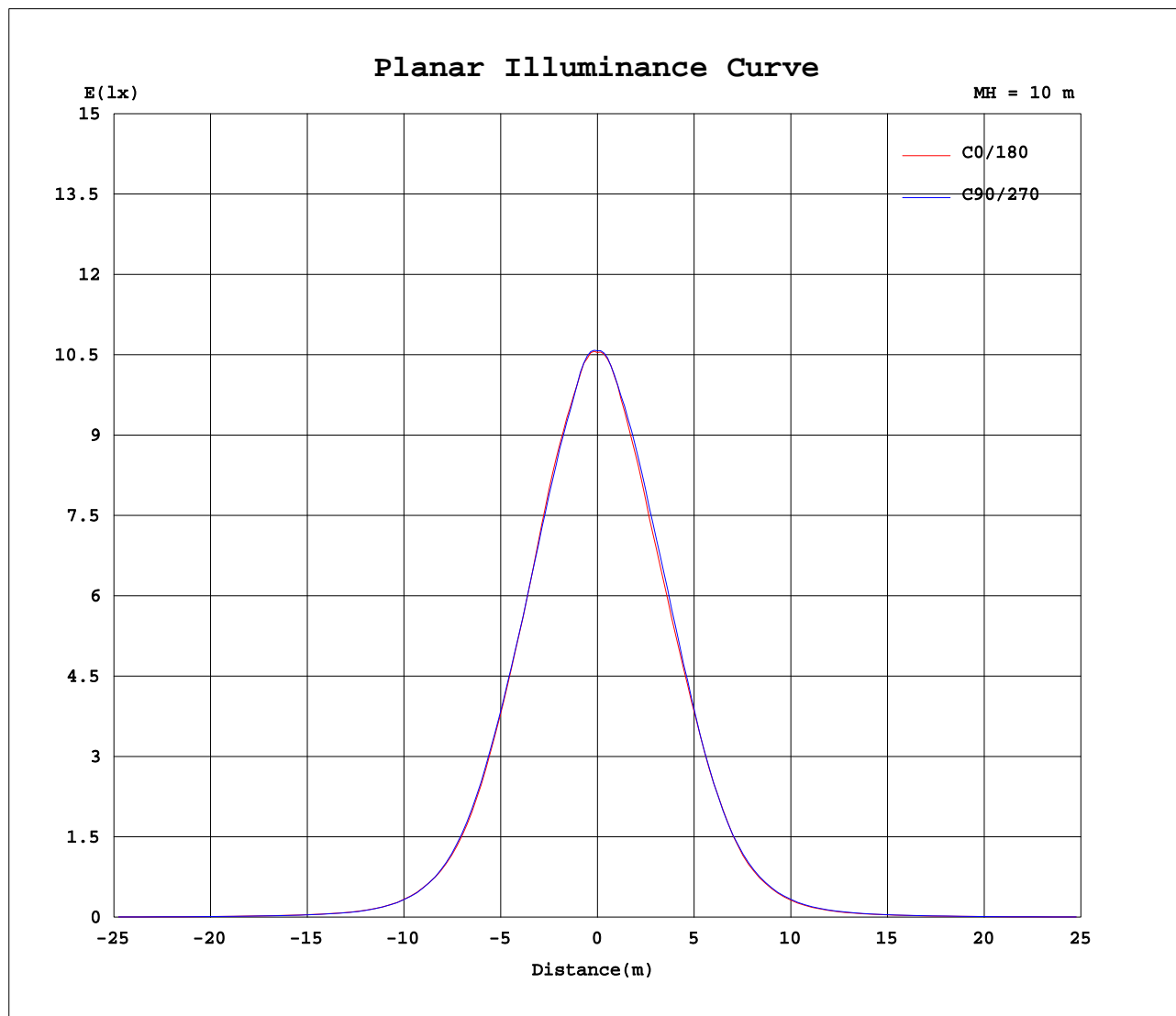
Test:U:226.4V I:0.0440A P:8.460W PF:0.8400 Lamp Flux:923.72x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:226.4V I:0.0440A P:8.460W PF:0.8400 Lamp Flux:923.72x1 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	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058
5	1030	1034	1032	1034	1031	1030	1030	1032	1024	1029	1023	1023	1025	1023	1024	1026	1029	1020	1024
10	952	954	957	953	951	943	942	940	934	936	932	935	938	937	945	945	950	943	951
15	855	856	853	863	855	850	842	844	835	836	826	830	831	833	844	848	856	851	850
20	720	722	722	732	724	720	719	718	708	712	707	711	717	712	724	727	734	725	736
25	580	585	578	590	587	589	585	585	579	587	580	580	584	579	585	588	594	586	594
30	426	433	434	436	434	437	434	437	430	434	426	429	430	422	427	427	430	425	431
35	277	278	273	282	283	285	284	283	278	281	277	280	279	276	280	278	285	277	280
40	166	167	167	171	171	173	168	166	163	165	162	166	163	161	165	166	172	167	168
45	95.1	95.3	96.0	100	100	98.9	93.4	95.1	91.1	93.4	91.8	95.1	90.9	89.8	94.0	95.3	100	94.4	94.9
50	51.4	53.7	52.7	54.0	54.5	53.7	49.8	49.2	50.3	50.7	50.3	50.6	49.2	49.0	50.4	50.9	54.7	52.6	52.3
55	32.0	31.7	31.5	30.8	31.9	30.5	29.9	28.4	29.9	29.2	28.6	28.6	29.7	29.0	29.6	29.0	31.5	30.4	31.4
60	21.1	21.1	21.1	21.0	21.3	20.7	20.1	19.9	20.2	19.7	18.9	18.7	19.6	19.0	19.6	19.4	20.8	20.4	21.0
65	14.5	14.5	14.5	14.6	14.1	14.3	14.3	14.0	13.7	13.6	13.1	13.3	13.7	13.3	13.4	13.5	13.6	13.7	14.4
70	10.2	10.1	9.99	10.1	9.83	10.1	10.1	9.96	9.60	9.50	9.22	9.35	9.70	9.49	9.41	9.33	9.29	9.50	10.1
75	7.03	6.97	6.93	7.04	6.93	7.07	7.09	7.12	6.82	6.70	6.54	6.67	6.85	6.73	6.65	6.59	6.60	6.65	7.02
80	4.47	4.54	4.49	4.63	4.68	5.45	4.66	4.78	4.61	4.71	5.73	4.48	4.58	4.48	4.46	4.40	6.41	4.73	4.67
85	2.57	2.61	2.58	2.67	3.34	2.99	2.69	2.77	2.68	2.74	2.89	2.60	2.77	2.74	2.76	2.73	3.44	2.99	2.87
90	1.58	1.58	1.59	1.59	1.97	1.84	1.72	1.71	1.72	1.78	1.95	1.63	1.85	1.86	1.85	1.87	2.20	2.08	1.93
95	1.60	1.62	1.60	1.63	1.99	1.88	1.72	1.75	1.74	1.84	2.01	1.67	1.93	1.92	1.93	1.92	2.30	2.18	2.03
100	1.72	1.74	1.72	1.75	2.16	2.06	1.86	1.87	1.85	1.98	2.26	1.80	2.09	2.07	2.09	2.08	2.54	2.41	2.18
105	1.90	1.91	1.91	1.93	2.42	2.23	2.03	2.04	2.03	2.19	2.46	1.98	2.29	2.28	2.29	2.29	2.84	2.62	2.38
110	2.17	2.17	2.17	2.19	2.52	2.51	2.27	2.29	2.29	2.44	2.75	2.27	2.56	2.55	2.56	2.56	2.94	2.93	2.64
115	2.51	2.51	2.51	2.53	2.96	2.91	2.62	2.62	2.62	2.74	3.04	2.61	2.89	2.88	2.88	2.89	3.26	3.17	2.97
120	2.94	2.92	2.94	2.95	3.24	3.16	3.04	3.04	3.04	3.15	3.48	2.99	3.28	3.27	3.28	3.28	3.68	3.50	3.35
125	3.42	3.40	3.41	3.42	3.72	3.60	3.52	3.51	3.52	3.61	3.78	3.47	3.72	3.72	3.72	3.73	4.11	3.92	3.79
130	3.95	3.93	3.95	3.95	4.14	4.09	4.03	4.03	4.03	4.14	4.23	4.00	4.22	4.21	4.20	4.21	4.40	4.37	4.27
135	4.49	4.49	4.50	4.50	4.64	4.64	4.58	4.58	4.58	4.68	4.70	4.56	4.71	4.71	4.71	4.71	4.86	4.86	4.76
140	5.03	5.02	5.03	5.03	5.17	5.18	5.11	5.11	5.12	5.22	5.20	5.08	5.22	5.19	5.20	5.21	5.32	5.37	5.25
145	5.52	5.51	5.52	5.51	5.66	5.66	5.59	5.59	5.58	5.70	5.72	5.57	5.68	5.67	5.66	5.66	5.78	5.81	5.70
150	5.92	5.90	5.91	5.96	6.19	6.07	5.98	5.97	5.98	6.10	6.22	5.98	6.05	6.05	6.04	6.05	6.25	6.20	6.07
155	6.23	6.22	6.23	6.26	6.23	6.30	6.25	6.26	6.26	6.38	6.47	6.29	6.35	6.33	6.34	6.35	6.57	6.47	6.36
160	6.46	6.44	6.45	6.45	6.45	6.44	6.46	6.47	6.45	6.49	6.47	6.47	6.55	6.54	6.56	6.54	6.56	6.53	6.55
165	6.64	6.65	6.66	6.63	6.65	6.63	6.66	6.65	6.63	6.67	6.64	6.65	6.73	6.72	6.72	6.72	6.72	6.69	6.72
170	6.80	6.79	6.80	6.80	6.80	6.79	6.80	6.81	6.80	6.82	6.79	6.81	6.87	6.85	6.86	6.84	6.87	6.84	6.86
175	6.96	6.94	6.95	6.95	6.95	6.95	6.95	6.96	6.94	6.96	6.94	6.95	7.00	6.98	6.98	6.97	6.99	6.95	6.98
180	7.08	7.07	7.07	7.06	7.08	7.05	7.07	7.07	7.05	7.07	7.06	7.06	7.08	7.07	7.07	7.07	7.08	7.05	7.07

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:226.4V I:0.0440A P:8.460W PF:0.8400 Lamp Flux:923.72x1 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	1058	1058	1058	1058	1058													
5	1019	1023	1025	1024	1024													
10	948	946	947	951	948													
15	847	849	844	843	842													
20	724	722	716	720	714													
25	583	585	581	581	577													
30	426	429	425	429	425													
35	277	279	278	278	276													
40	166	169	168	170	166													
45	94.1	96.4	96.3	96.8	95.8													
50	50.8	53.8	52.6	53.1	52.1													
55	29.6	32.0	30.1	30.6	30.2													
60	20.4	20.8	20.0	19.8	19.6													
65	14.2	14.1	13.8	13.7	13.6													
70	10.2	9.97	9.74	9.71	9.68													
75	7.17	7.02	6.80	6.87	6.84													
80	4.72	4.76	4.83	6.34	4.72													
85	2.88	2.95	2.97	3.54	3.03													
90	1.93	1.93	1.99	2.15	1.92													
95	2.00	2.01	2.08	2.25	2.00													
100	2.16	2.16	2.28	2.49	2.13													
105	2.35	2.35	2.46	2.65	2.30													
110	2.61	2.61	2.71	2.97	2.61													
115	2.94	2.93	3.01	3.34	2.89													
120	3.34	3.31	3.40	3.58	3.30													
125	3.76	3.74	3.83	3.92	3.73													
130	4.25	4.22	4.31	4.37	4.20													
135	4.75	4.72	4.82	4.83	4.70													
140	5.24	5.21	5.31	5.30	5.20													
145	5.68	5.67	5.75	5.75	5.66													
150	6.05	6.04	6.17	6.27	6.06													
155	6.34	6.32	6.42	6.52	6.36													
160	6.54	6.53	6.54	6.54	6.52													
165	6.70	6.69	6.71	6.70	6.70													
170	6.85	6.84	6.85	6.86	6.84													
175	6.98	6.96	6.98	6.98	6.97													
180	7.07	7.05	7.08	7.06	7.06													

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: