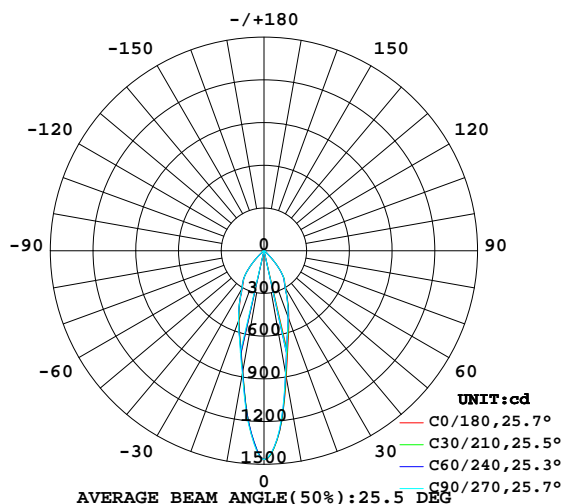


LUMINAIRE PHOTOMETRIC TEST REPORT

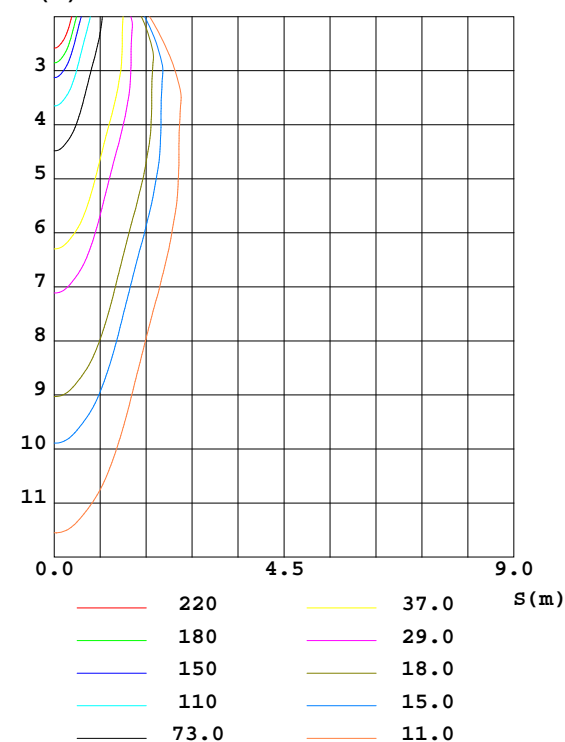
Test:U:226.5V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:749.282x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 70.69 lm/W			
MODEL	M031-11W-927-S-28	Imax(cd)	1467	S/MH(C0/180)	0.43
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.41
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	749.28	η UP,DN(C0-180)	1.2,48.4
NOMINAL FLUX(lm)	749.282	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,49.2
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

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	900.6	891.6	873.5	866.0	860.4	853.8	878.2	888.9	0- 10	106.3	106.3	14.2,14.2
20	511.8	502.8	496.2	500.6	512.9	516.4	523.9	516.1	10- 20	182.8	289.0	38.6,38.6
30	303.6	303.5	299.5	304.3	306.2	310.4	310.5	307.8	20- 30	183.0	472.1	63,63
40	172.7	174.2	169.7	170.1	176.2	176.5	177.9	178.9	30- 40	153.4	625.5	83.5,83.5
50	26.04	27.39	26.11	28.37	27.21	25.90	27.57	26.82	40- 50	65.59	691.1	92.2,92.2
60	13.68	13.93	13.69	14.08	13.66	13.05	13.54	13.59	50- 60	16.71	707.8	94.5,94.5
70	8.515	8.589	8.740	9.000	8.884	8.415	8.432	8.435	60- 70	10.95	718.7	95.9,95.9
80	5.769	5.967	6.271	6.429	6.537	5.917	5.766	5.923	70- 80	7.693	726.4	96.9,96.9
90	1.222	1.224	1.226	1.271	1.408	1.416	1.417	1.494	80- 90	4.956	731.4	97.6,97.6
100	1.328	1.339	1.327	1.367	1.651	1.635	1.655	1.658	90-100	1.524	732.9	97.8,97.8
110	1.701	1.722	1.717	1.741	2.013	1.999	2.004	2.009	100-110	1.760	734.7	98,98
120	2.275	2.292	2.304	2.311	2.538	2.522	2.523	2.525	110-120	2.102	736.8	98.3,98.3
130	3.101	3.117	3.143	3.147	3.318	3.307	3.290	3.300	120-130	2.494	739.2	98.7,98.7
140	4.075	4.096	4.113	4.119	4.212	4.199	4.187	4.199	130-140	2.850	742.1	99,99
150	4.720	4.745	4.756	4.766	4.819	4.807	4.808	4.816	140-150	2.814	744.9	99.4,99.4
160	5.187	5.205	5.212	5.214	5.260	5.251	5.262	5.258	150-160	2.314	747.2	99.7,99.7
170	5.514	5.520	5.523	5.525	5.547	5.539	5.563	5.557	160-170	1.525	748.8	99.9,99.9
180	5.661	5.656	5.663	5.669	5.661	5.656	5.659	5.667	170-180	0.5331	749.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

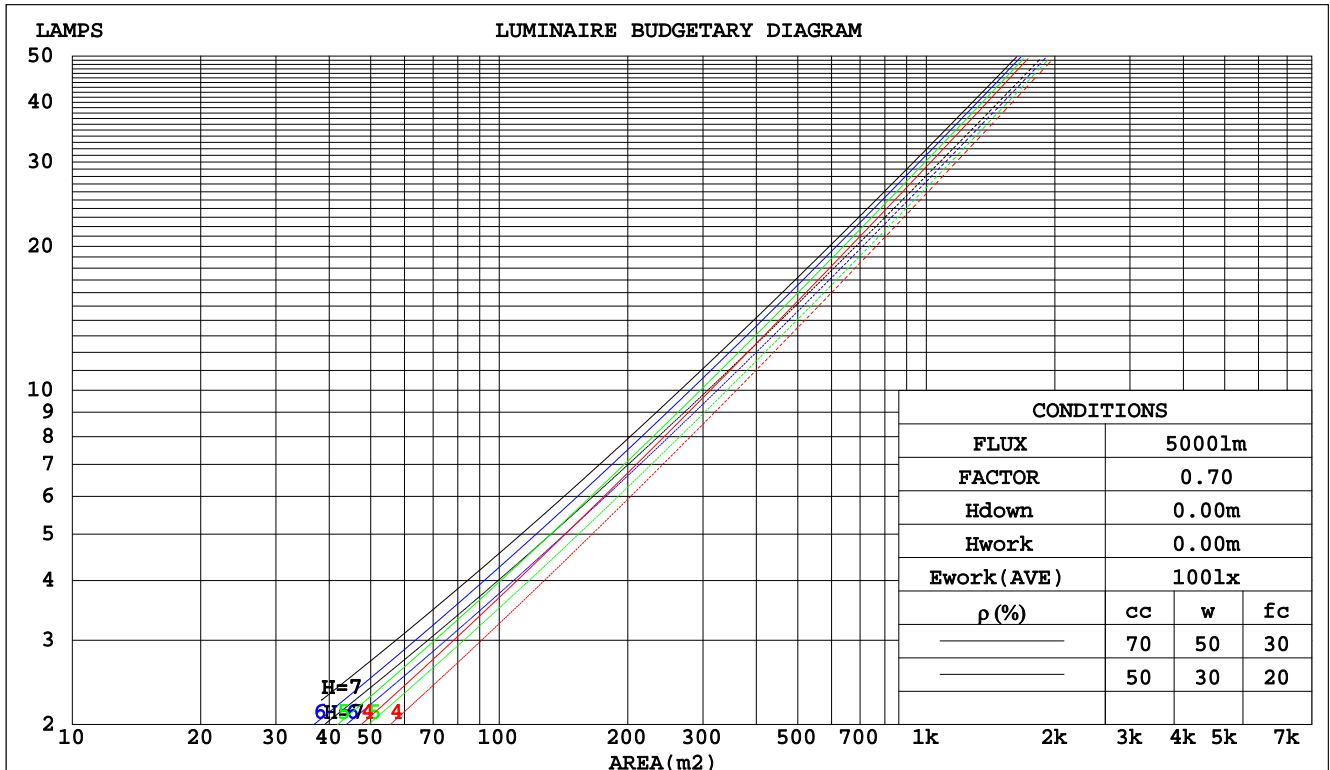
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:0.7890 Lamp Flux:749.282x1 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	1.09	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	.81	.77	.86	.81	.76	.83	.79	.75	.81	.77	.74	.79	.76	.73	.71
5.0	.82	.75	.71	.80	.75	.70	.78	.73	.70	.76	.72	.69	.75	.71	.68	.66
6.0	.76	.70	.66	.75	.70	.65	.74	.69	.65	.72	.68	.64	.71	.67	.64	.62
7.0	.72	.66	.61	.71	.65	.61	.70	.64	.61	.68	.63	.60	.67	.63	.60	.58
8.0	.68	.62	.57	.67	.61	.57	.66	.60	.57	.64	.60	.56	.63	.59	.56	.55
9.0	.64	.58	.54	.63	.58	.54	.62	.57	.53	.61	.56	.53	.60	.56	.53	.51
10.0	.61	.55	.51	.60	.54	.51	.59	.54	.50	.58	.53	.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:0.0590A P:10.60W PF:0.7890 Lamp Flux:749.282x1 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	.108	.034	.174	.100	.032	.162	.093	.030	.150	.087	.028		
2.0	.185	.101	.031	.178	.098	.030	.166	.093	.029	.155	.087	.027	.145	.082	.026		
3.0	.174	.093	.028	.169	.090	.027	.158	.086	.026	.149	.082	.025	.140	.077	.024		
4.0	.164	.085	.025	.160	.084	.025	.151	.080	.024	.142	.076	.023	.134	.073	.022		
5.0	.156	.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	.125	.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	.062	.017	.124	.061	.017	.119	.059	.017	.115	.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	
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	.209	.209	.209	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022		
1.0	.191	.176	.162	.163	.151	.139	.112	.104	.096	.064	.060	.056	.021	.019	.018		
2.0	.176	.151	.129	.151	.130	.112	.104	.090	.078	.060	.052	.046	.019	.017	.015		
3.0	.165	.132	.106	.141	.114	.092	.097	.079	.065	.056	.046	.038	.018	.015	.012		
4.0	.155	.118	.090	.133	.102	.078	.091	.071	.055	.053	.042	.032	.017	.014	.011		
5.0	.146	.106	.077	.125	.092	.067	.086	.064	.047	.050	.038	.028	.016	.012	.009		
6.0	.139	.097	.067	.119	.084	.059	.082	.059	.042	.048	.035	.025	.015	.011	.008		
7.0	.132	.090	.060	.114	.078	.052	.079	.055	.037	.046	.032	.022	.015	.011	.007		
8.0	.126	.084	.054	.109	.072	.047	.075	.051	.034	.044	.030	.020	.014	.010	.007		
9.0	.121	.078	.050	.104	.068	.043	.072	.048	.031	.042	.028	.018	.014	.009	.006		
10.0	.116	.074	.046	.100	.064	.040	.070	.045	.028	.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:0.7890 Lamp Flux:749.282x1 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	23.0	24.0	23.3	24.2	24.4	22.9	23.9	23.2	24.1	24.3
	3H	23.1	24.0	23.4	24.2	24.5	23.0	23.9	23.3	24.2	24.4
	4H	23.2	24.0	23.5	24.3	24.6	23.1	24.0	23.4	24.2	24.5
	6H	23.3	24.1	23.7	24.4	24.7	23.3	24.1	23.7	24.4	24.7
	8H	23.4	24.2	23.8	24.5	24.8	23.5	24.2	23.8	24.5	24.8
	12H	23.6	24.3	24.0	24.7	25.0	23.7	24.4	24.0	24.7	25.1
4H	2H	22.9	23.7	23.2	24.0	24.2	22.8	23.6	23.1	23.9	24.2
	3H	23.0	23.8	23.4	24.1	24.4	23.0	23.7	23.4	24.0	24.4
	4H	23.2	23.9	23.6	24.2	24.6	23.2	23.9	23.6	24.2	24.6
	6H	23.5	24.1	23.9	24.5	24.9	23.6	24.1	24.0	24.5	24.9
	8H	23.7	24.3	24.2	24.7	25.1	23.8	24.4	24.2	24.8	25.2
	12H	24.0	24.5	24.5	24.9	25.4	24.2	24.7	24.6	25.1	25.5
8H	4H	23.3	23.8	23.7	24.2	24.6	23.2	23.8	23.7	24.2	24.6
	6H	23.7	24.2	24.2	24.6	25.1	23.7	24.2	24.2	24.6	25.1
	8H	24.0	24.4	24.5	24.9	25.4	24.1	24.5	24.6	25.0	25.5
	12H	24.5	24.8	25.0	25.3	25.8	24.7	25.0	25.2	25.5	26.0
12H	4H	23.2	23.7	23.7	24.2	24.6	23.2	23.7	23.7	24.1	24.6
	6H	23.8	24.2	24.2	24.6	25.1	23.8	24.2	24.3	24.7	25.1
	8H	24.2	24.5	24.7	25.0	25.5	24.3	24.6	24.8	25.1	25.6
Variations with the observer position at spacings:											
S = 1.0H	+ 1.6 / - 2.8					+ 1.6 / - 2.5					
1.5H	+ 3.5 / - 2.8					+ 3.3 / - 2.6					
2.0H	+ 3.0 / - 0.7					+ 2.8 / - 0.7					

CIE Pub.117 Corrected 749.3 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.0)

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:0.7890 Lamp Flux:749.282x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

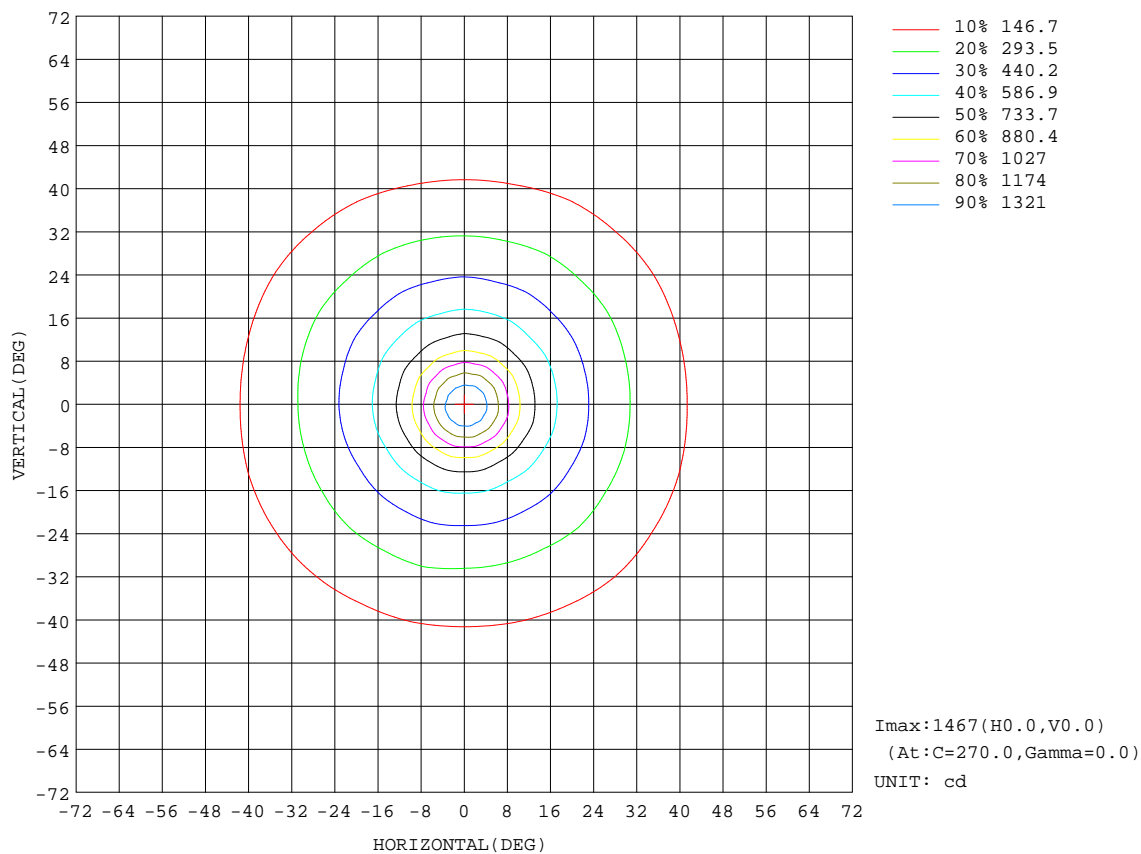
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	81	74	70	81	74	70	80	73	69	65
0.80	89	82	78	88	82	78	87	81	77	73
1.00	95	88	84	94	87	83	92	87	83	78
1.25	99	93	89	98	92	88	96	91	87	82
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	89
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	104	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:0.0590A P:10.60W PF:0.7890 Lamp Flux:749.282x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



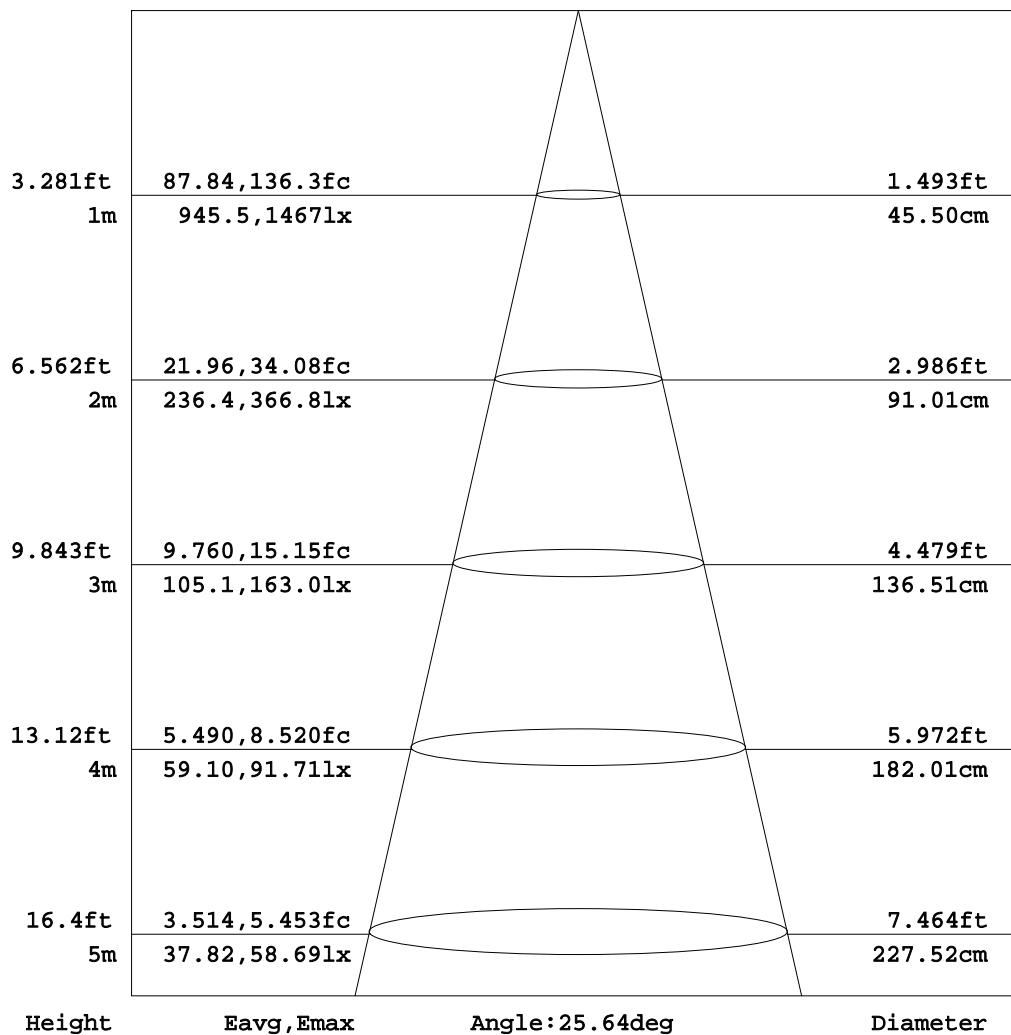
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZhangXiao
 Test Date: 2015-12-07

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:0.0590A P:10.60W PF:0.7890 Lamp Flux:749.282x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:158.3 lm



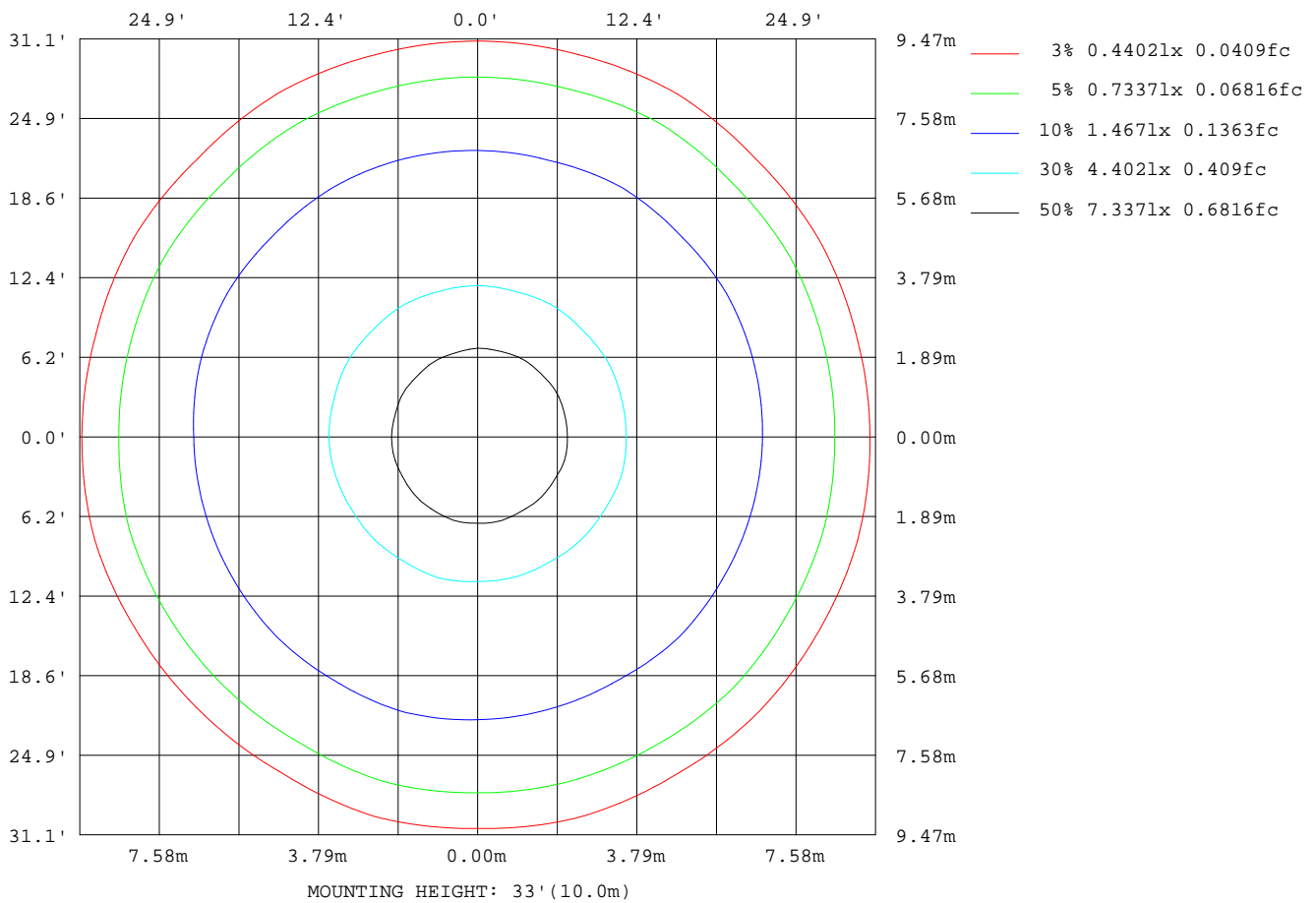
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

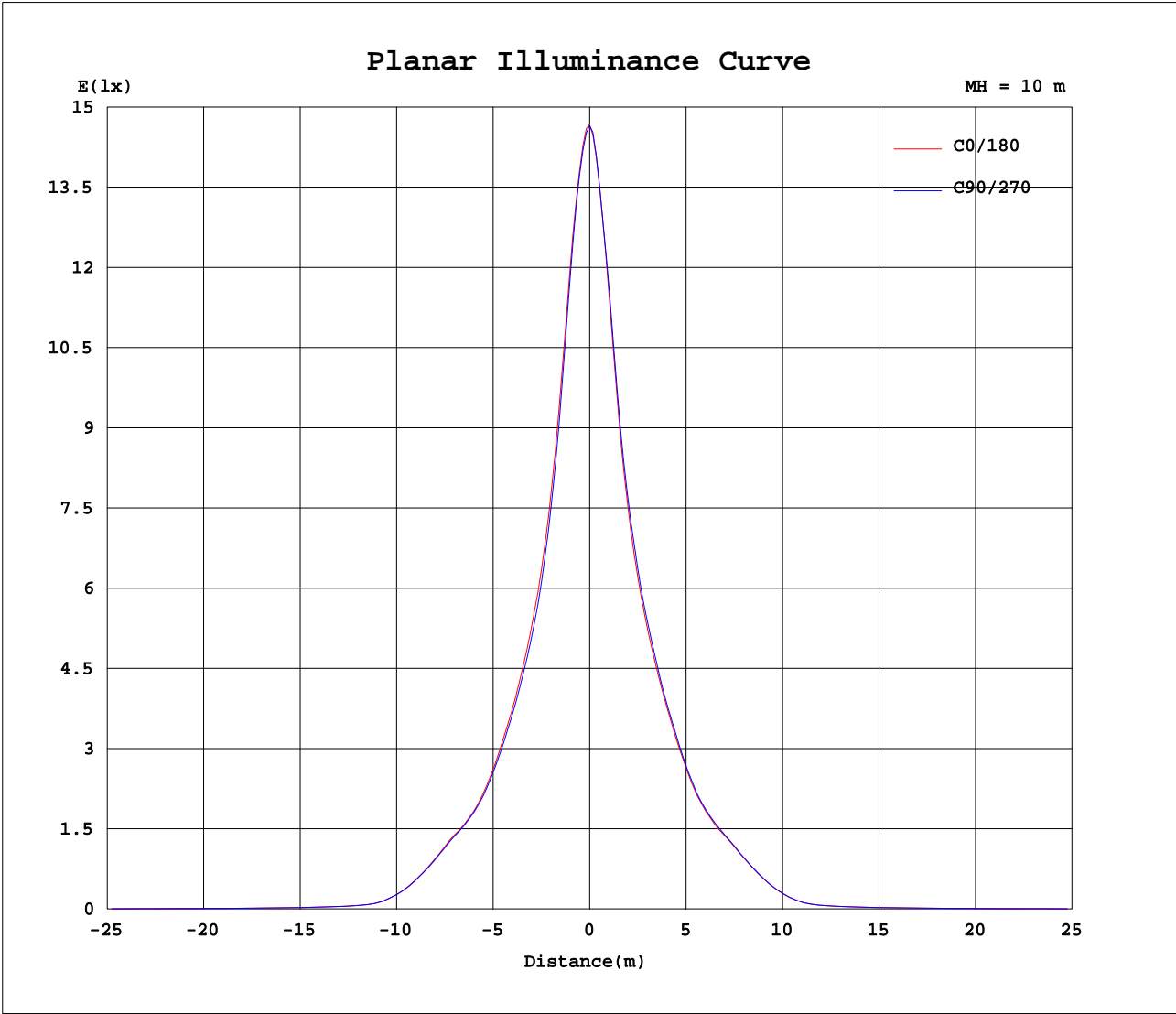
Test:U:226.5V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:749.282x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.0590A P:10.60W PF:0.7890 Lamp Flux:749.282x1 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	1467	1467	1467	1467	1467	1467	1467	1467	1467	1467	1467	1467	1467	1467	1467	1467	1467	1467	1467
5	1271	1278	1270	1278	1265	1271	1256	1259	1241	1240	1230	1231	1222	1209	1220	1206	1217	1212	1230
10	901	904	890	892	876	884	873	880	864	866	854	861	860	853	862	854	866	862	878
15	657	657	643	639	627	634	633	639	633	635	632	641	647	644	652	648	656	653	663
20	512	514	502	503	496	498	496	503	495	501	500	507	513	512	520	516	524	520	524
25	398	400	393	396	390	391	388	395	390	393	389	396	401	403	410	405	410	407	409
30	304	304	300	303	298	299	300	305	302	304	301	303	306	310	315	310	314	311	310
35	252	249	248	250	245	246	248	251	245	247	247	248	250	255	257	254	256	255	252
40	173	174	172	174	170	171	170	173	166	170	174	179	176	177	182	176	181	178	178
45	76.0	79.2	77.2	79.9	77.5	79.2	76.6	78.5	72.6	75.5	75.4	83.7	82.8	82.6	83.6	82.5	85.1	81.4	82.9
50	26.0	27.1	26.7	27.4	27.9	27.0	26.1	27.5	27.9	28.4	27.9	28.0	27.2	26.3	26.5	25.9	26.3	26.4	27.6
55	17.9	18.5	18.4	18.6	18.8	18.4	18.0	18.5	18.6	18.6	18.4	18.4	18.0	17.7	17.7	17.2	17.3	17.4	18.2
60	13.7	13.9	13.8	13.9	14.0	13.9	13.7	14.0	14.1	14.1	14.0	14.0	13.7	13.4	13.4	13.0	13.1	13.1	13.5
65	11.0	11.2	11.1	11.1	11.2	11.2	11.1	11.3	11.4	11.4	11.3	11.3	11.1	10.9	10.9	10.7	10.7	10.6	10.8
70	8.52	8.58	8.52	8.59	8.67	8.76	8.74	8.87	8.94	9.00	8.95	8.97	8.88	8.72	8.61	8.41	8.34	8.24	8.43
75	7.03	7.08	7.04	7.13	7.24	7.36	7.39	7.49	7.53	7.61	7.60	7.64	7.63	7.49	7.33	7.09	6.98	6.86	6.98
80	5.77	5.85	5.86	5.97	6.19	6.23	6.27	6.31	6.27	6.43	6.50	6.47	6.54	6.40	6.19	5.92	5.99	5.67	5.77
85	4.72	4.78	4.80	4.92	5.22	5.23	5.26	5.23	5.13	5.22	5.31	5.32	5.46	5.31	5.08	4.80	4.87	4.62	4.73
90	1.22	1.22	1.23	1.22	1.32	1.21	1.23	1.21	1.22	1.27	1.31	1.20	1.41	1.42	1.41	1.42	1.53	1.43	1.42
95	1.23	1.25	1.23	1.25	1.28	1.25	1.25	1.25	1.24	1.28	1.30	1.24	1.51	1.50	1.51	1.51	1.56	1.52	1.52
100	1.33	1.34	1.33	1.34	1.33	1.34	1.33	1.34	1.33	1.37	1.35	1.33	1.65	1.64	1.65	1.64	1.68	1.65	1.66
105	1.48	1.50	1.49	1.50	1.49	1.50	1.50	1.51	1.50	1.52	1.52	1.50	1.81	1.81	1.81	1.80	1.84	1.81	1.81
110	1.70	1.72	1.71	1.72	1.72	1.73	1.72	1.73	1.72	1.74	1.72	1.71	2.01	2.00	2.01	2.00	2.03	2.00	2.00
115	1.97	1.98	1.98	1.98	1.98	1.99	1.99	1.99	1.99	2.00	1.99	1.97	2.25	2.24	2.24	2.25	2.24	2.24	2.24
120	2.28	2.28	2.29	2.29	2.30	2.30	2.30	2.30	2.30	2.31	2.30	2.28	2.54	2.53	2.53	2.52	2.53	2.52	2.52
125	2.65	2.65	2.66	2.67	2.67	2.68	2.68	2.68	2.68	2.69	2.68	2.66	2.89	2.89	2.88	2.88	2.88	2.87	2.87
130	3.10	3.10	3.12	3.12	3.13	3.13	3.14	3.14	3.14	3.15	3.14	3.12	3.32	3.31	3.31	3.31	3.31	3.30	3.29
135	3.60	3.61	3.62	3.62	3.63	3.64	3.65	3.64	3.64	3.65	3.65	3.62	3.79	3.78	3.77	3.77	3.77	3.76	3.75
140	4.07	4.08	4.09	4.10	4.10	4.11	4.11	4.11	4.11	4.12	4.11	4.09	4.21	4.21	4.20	4.20	4.20	4.19	4.19
145	4.44	4.46	4.46	4.47	4.47	4.48	4.48	4.48	4.48	4.49	4.48	4.46	4.56	4.55	4.55	4.54	4.54	4.54	4.54
150	4.72	4.73	4.74	4.75	4.74	4.75	4.76	4.76	4.75	4.77	4.75	4.74	4.82	4.81	4.81	4.81	4.81	4.81	4.81
155	4.97	4.98	4.98	4.99	4.99	4.99	4.99	4.99	4.99	5.00	5.00	4.99	5.05	5.04	5.05	5.04	5.05	5.04	5.05
160	5.19	5.19	5.19	5.21	5.20	5.21	5.21	5.21	5.20	5.21	5.21	5.21	5.26	5.25	5.26	5.25	5.26	5.25	5.26
165	5.37	5.38	5.37	5.38	5.38	5.38	5.38	5.38	5.38	5.39	5.39	5.39	5.43	5.42	5.43	5.42	5.43	5.43	5.43
170	5.51	5.52	5.51	5.52	5.51	5.52	5.52	5.52	5.51	5.52	5.52	5.53	5.55	5.54	5.55	5.54	5.55	5.55	5.56
175	5.59	5.60	5.59	5.60	5.59	5.60	5.59	5.59	5.59	5.60	5.59	5.60	5.61	5.60	5.61	5.60	5.61	5.60	5.62
180	5.66	5.66	5.66	5.66	5.66	5.66	5.66	5.66	5.66	5.67	5.67	5.67	5.66	5.66	5.66	5.66	5.65	5.66	5.66

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:0.7890 Lamp Flux:749.282x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1467	1467	1467	1467	1467														
5	1226	1248	1248	1264	1261														
10	875	890	889	904	898														
15	659	667	658	665	660														
20	518	523	516	520	512														
25	403	409	405	406	399														
30	308	311	308	308	305														
35	252	256	253	255	253														
40	178	183	179	181	175														
45	80.9	83.7	76.0	78.7	74.6														
50	27.4	27.7	26.8	26.5	25.6														
55	18.2	18.2	17.8	17.8	17.7														
60	13.6	13.7	13.6	13.7	13.6														
65	10.9	11.0	11.0	11.0	11.0														
70	8.46	8.53	8.44	8.50	8.53														
75	7.01	7.07	7.01	7.07	7.07														
80	5.80	5.85	5.92	5.94	5.81														
85	4.80	4.86	4.89	4.93	4.81														
90	1.42	1.42	1.49	1.52	1.42														
95	1.51	1.52	1.53	1.56	1.51														
100	1.64	1.65	1.66	1.67	1.64														
105	1.80	1.81	1.81	1.82	1.81														
110	2.00	2.01	2.01	2.02	2.00														
115	2.23	2.24	2.24	2.25	2.24														
120	2.52	2.52	2.52	2.54	2.53														
125	2.86	2.87	2.87	2.89	2.88														
130	3.29	3.29	3.30	3.30	3.31														
135	3.76	3.76	3.76	3.77	3.77														
140	4.19	4.19	4.20	4.20	4.20														
145	4.54	4.54	4.55	4.55	4.55														
150	4.80	4.81	4.82	4.83	4.82														
155	5.04	5.04	5.05	5.06	5.06														
160	5.26	5.26	5.26	5.27	5.26														
165	5.43	5.44	5.44	5.44	5.43														
170	5.56	5.56	5.56	5.57	5.56														
175	5.61	5.62	5.62	5.64	5.62														
180	5.66	5.66	5.67	5.67	5.67														

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: