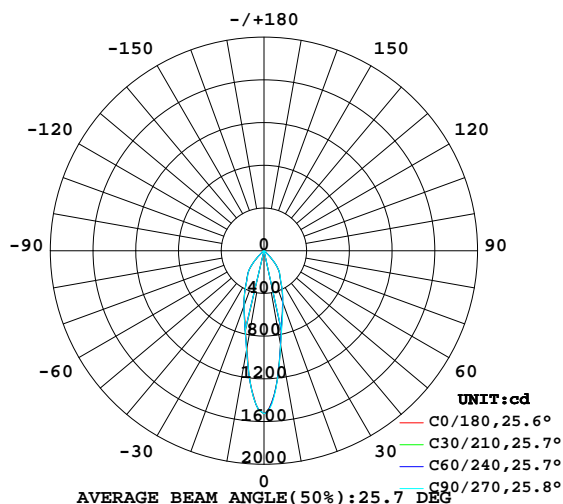


LUMINAIRE PHOTOMETRIC TEST REPORT

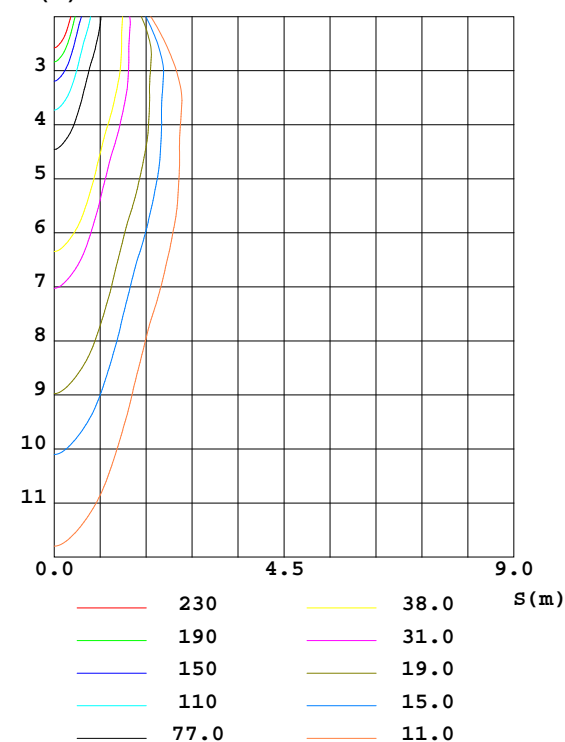
Test:U:226.4V I:0.0440A P:8.540W PF:0.8410 Lamp Flux:778.731x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 91.19 lm/W			
MODEL	TL02-8W-827-S-28	Imax(cd)	1526	S/MH(C0/180)	0.41
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.41
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	778.73	η UP,DN(C0-180)	1.1,48.4
NOMINAL FLUX(lm)	778.731	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,49.3
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.4	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	899.1	898.5	901.2	923.3	926.8	931.0	940.6	904.9	0- 10	111.1	111.1	14.3,14.3
20	516.2	513.5	520.7	534.5	542.7	543.5	546.2	529.6	10- 20	190.4	301.6	38.7,38.7
30	305.7	309.6	313.1	322.9	322.7	325.0	321.3	313.0	20- 30	190.2	491.8	63.2,63.2
40	180.9	177.8	181.6	181.7	183.8	189.1	188.2	180.6	30- 40	159.0	650.8	83.6,83.6
50	26.68	26.64	25.76	28.21	27.24	27.29	27.34	27.32	40- 50	69.66	720.5	92.5,92.5
60	13.52	13.42	13.15	13.48	13.16	13.20	13.46	13.53	50- 60	16.45	736.9	94.6,94.6
70	8.414	8.588	8.490	8.608	8.202	8.017	8.319	8.316	60- 70	10.67	747.6	96.96
80	6.092	6.467	6.240	6.352	5.869	5.656	6.006	5.834	70- 80	7.536	755.1	97.97
90	1.612	1.269	1.255	1.246	1.454	1.486	1.456	1.471	80- 90	5.080	760.2	97.6,97.6
100	1.367	1.390	1.371	1.373	1.703	1.693	1.707	1.702	90-100	1.564	761.8	97.8,97.8
110	1.765	1.789	1.769	1.766	2.071	2.063	2.079	2.076	100-110	1.811	763.6	98.1,98.1
120	2.363	2.388	2.375	2.348	2.607	2.595	2.617	2.626	110-120	2.170	765.8	98.3,98.3
130	3.241	3.259	3.247	3.214	3.395	3.390	3.418	3.441	120-130	2.578	768.3	98.7,98.7
140	4.233	4.266	4.254	4.222	4.331	4.325	4.354	4.368	130-140	2.949	771.3	99.99
150	4.900	4.928	4.926	4.914	4.971	4.962	4.988	5.002	140-150	2.914	774.2	99.4,99.4
160	5.377	5.396	5.415	5.407	5.443	5.442	5.472	5.470	150-160	2.399	776.6	99.7,99.7
170	5.694	5.720	5.752	5.739	5.751	5.743	5.786	5.764	160-170	1.583	778.2	99.9,99.9
180	5.853	5.869	5.893	5.891	5.853	5.872	5.891	5.891	170-180	0.5535	778.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

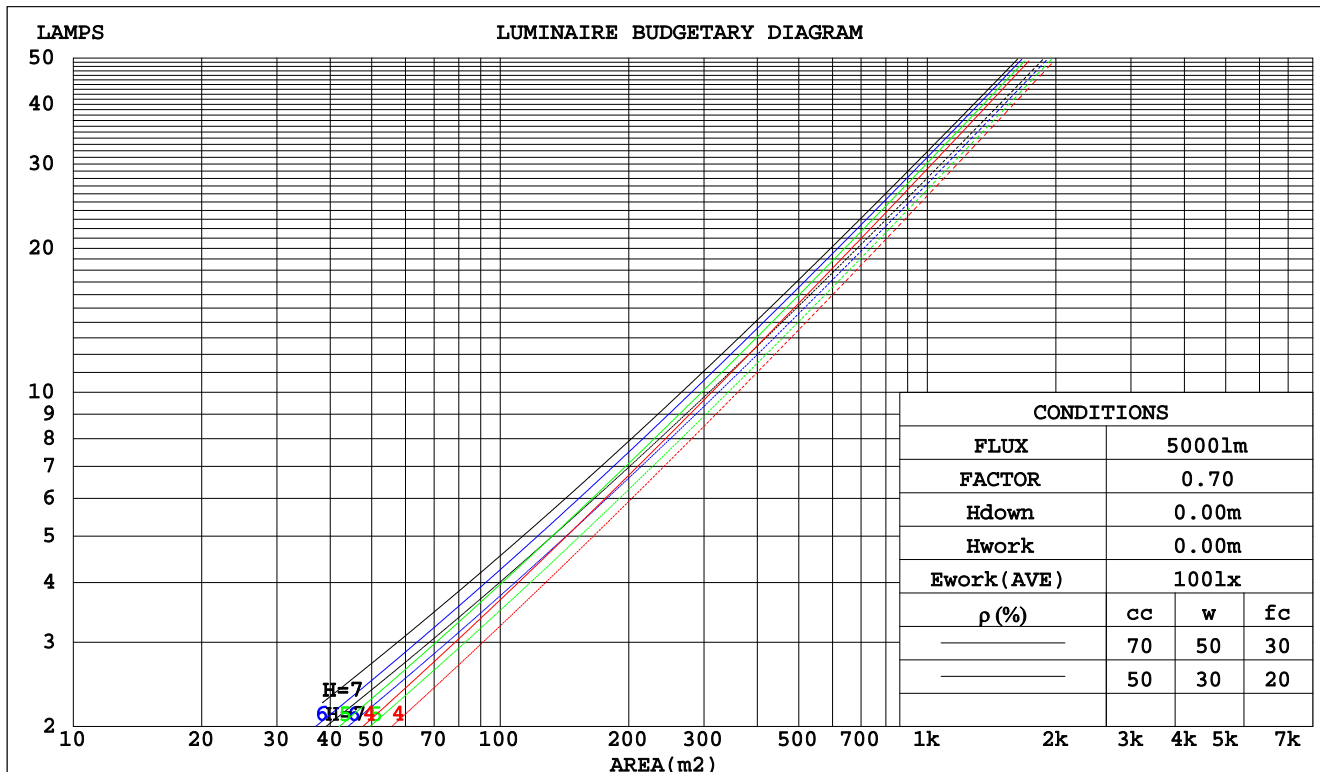
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:8.540W PF:0.8410 Lamp Flux:778.73lx1 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	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	.90	.87	.89	.87	.85	.83
3.0	.94	.89	.84	.92	.87	.83	.89	.85	.82	.86	.83	.80	.84	.81	.79	.77
4.0	.87	.82	.77	.86	.81	.77	.84	.79	.75	.81	.77	.74	.79	.76	.73	.71
5.0	.82	.76	.71	.81	.75	.71	.78	.74	.70	.77	.72	.69	.75	.71	.68	.67
6.0	.77	.70	.66	.76	.70	.66	.74	.69	.65	.72	.68	.64	.71	.67	.64	.62
7.0	.72	.66	.61	.71	.65	.61	.70	.64	.61	.68	.64	.60	.67	.63	.60	.58
8.0	.68	.62	.57	.67	.61	.57	.66	.61	.57	.65	.60	.57	.63	.59	.56	.55
9.0	.64	.58	.54	.64	.58	.54	.62	.57	.54	.61	.57	.53	.60	.56	.53	.52
10.0	.61	.55	.51	.60	.55	.51	.59	.54	.51	.58	.54	.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:226.4V I:0.0440A P:8.540W PF:0.8410 Lamp Flux:778.731x1 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	.184	.101	.031	.178	.098	.030	.166	.092	.029	.155	.087	.027	.145	.082	.026	
3.0	.174	.092	.028	.168	.090	.027	.158	.085	.026	.148	.081	.025	.139	.077	.024	
4.0	.164	.085	.025	.159	.083	.025	.150	.080	.024	.142	.076	.023	.134	.073	.022	
5.0	.155	.079	.023	.151	.077	.023	.143	.074	.022	.136	.072	.021	.129	.069	.021	
6.0	.147	.074	.021	.143	.072	.021	.136	.070	.020	.130	.067	.020	.124	.065	.019	
7.0	.140	.069	.020	.136	.068	.019	.130	.066	.019	.124	.064	.019	.119	.062	.018	
8.0	.133	.065	.018	.130	.064	.018	.124	.062	.018	.119	.060	.017	.114	.059	.017	
9.0	.127	.061	.017	.124	.061	.017	.119	.059	.017	.114	.057	.016	.110	.056	.016	
10.0	.121	.058	.016	.119	.057	.016	.114	.056	.016	.110	.055	.015	.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	.175	.162	.163	.151	.139	.112	.104	.096	.064	.060	.056	.021	.019	.018	
2.0	.176	.151	.129	.151	.130	.112	.103	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.164	.132	.106	.141	.114	.092	.097	.079	.065	.056	.046	.038	.018	.015	.012	
4.0	.154	.118	.090	.132	.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	.138	.097	.067	.119	.084	.059	.082	.059	.042	.048	.035	.025	.015	.011	.008	
7.0	.132	.090	.060	.113	.078	.052	.078	.054	.037	.046	.032	.022	.015	.011	.007	
8.0	.126	.083	.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	.069	.045	.028	.040	.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:8.540W PF:0.8410 Lamp Flux:778.73lx1 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	23.1	24.1	23.3	24.3	24.5	23.1	24.1	23.3	24.3	24.5
	3H	23.1	24.0	23.4	24.3	24.5	23.1	24.0	23.4	24.3	24.5
	4H	23.2	24.1	23.5	24.3	24.6	23.2	24.1	23.5	24.3	24.6
	6H	23.4	24.2	23.7	24.5	24.8	23.4	24.2	23.7	24.5	24.8
	8H	23.5	24.3	23.9	24.6	24.9	23.5	24.3	23.9	24.6	24.9
	12H	23.7	24.5	24.1	24.8	25.1	23.7	24.5	24.1	24.8	25.1
4H	2H	22.9	23.8	23.2	24.0	24.3	22.9	23.8	23.2	24.0	24.3
	3H	23.1	23.8	23.4	24.1	24.5	23.1	23.8	23.4	24.1	24.5
	4H	23.3	23.9	23.7	24.3	24.6	23.3	23.9	23.7	24.3	24.6
	6H	23.6	24.2	24.0	24.6	25.0	23.6	24.2	24.0	24.6	25.0
	8H	23.8	24.4	24.3	24.8	25.2	23.8	24.4	24.3	24.8	25.2
	12H	24.2	24.7	24.6	25.1	25.5	24.2	24.7	24.6	25.1	25.5
8H	4H	23.3	23.8	23.7	24.2	24.7	23.3	23.8	23.7	24.2	24.7
	6H	23.8	24.2	24.3	24.7	25.1	23.8	24.2	24.3	24.7	25.1
	8H	24.2	24.6	24.7	25.0	25.5	24.2	24.6	24.7	25.0	25.5
	12H	24.7	25.1	25.2	25.6	26.1	24.7	25.1	25.2	25.5	26.1
12H	4H	23.3	23.8	23.7	24.2	24.6	23.3	23.8	23.7	24.2	24.6
	6H	23.9	24.3	24.3	24.7	25.2	23.9	24.3	24.3	24.7	25.2
	8H	24.3	24.7	24.8	25.1	25.7	24.3	24.7	24.8	25.1	25.7
Variations with the observer position at spacings:											
S = 1.0H	+ 1.6 / - 2.7					+ 1.7 / - 2.7					
1.5H	+ 3.4 / - 2.7					+ 3.4 / - 2.8					
2.0H	+ 3.3 / - 0.8					+ 3.2 / - 0.8					

CIE Pub.117 Corrected 778.7 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.9)

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:8.540W PF:0.8410 Lamp Flux:778.73lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

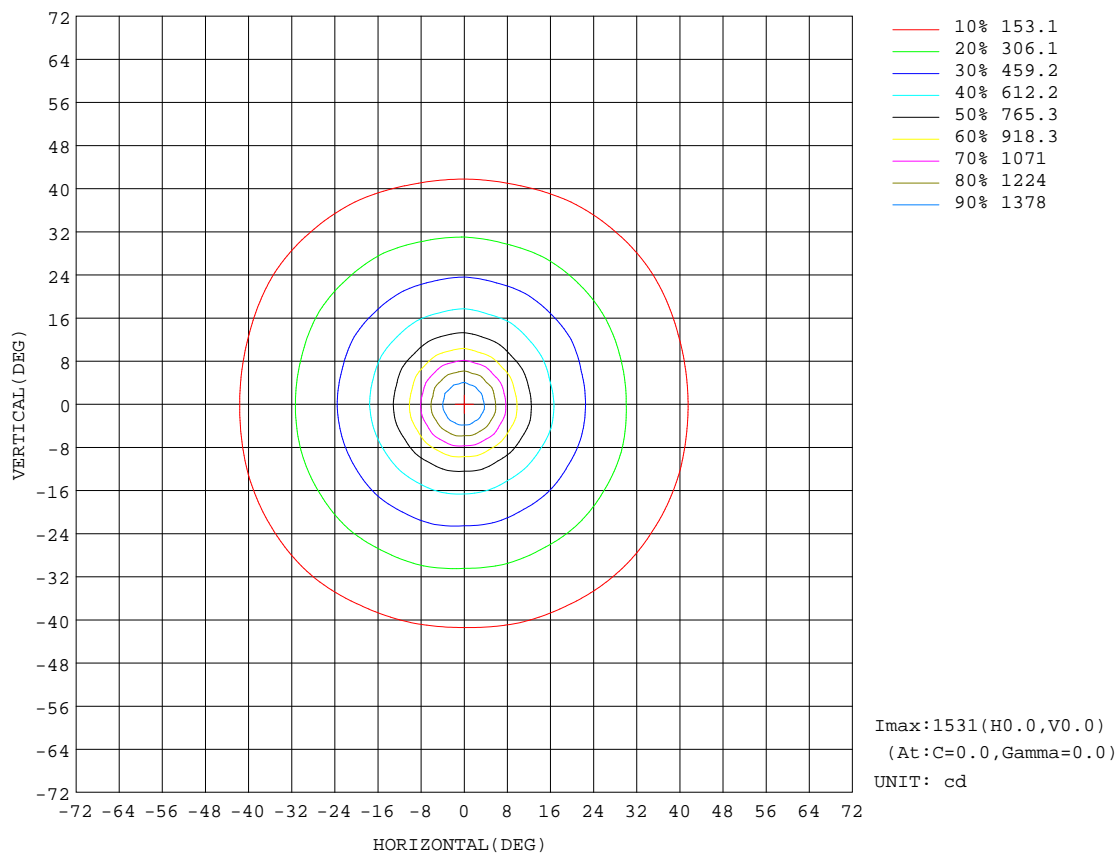
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	81	74	70	81	74	70	80	73	69	65
0.80	89	83	78	89	82	78	87	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	96	90
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	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:8.540W PF:0.8410 Lamp Flux:778.73lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



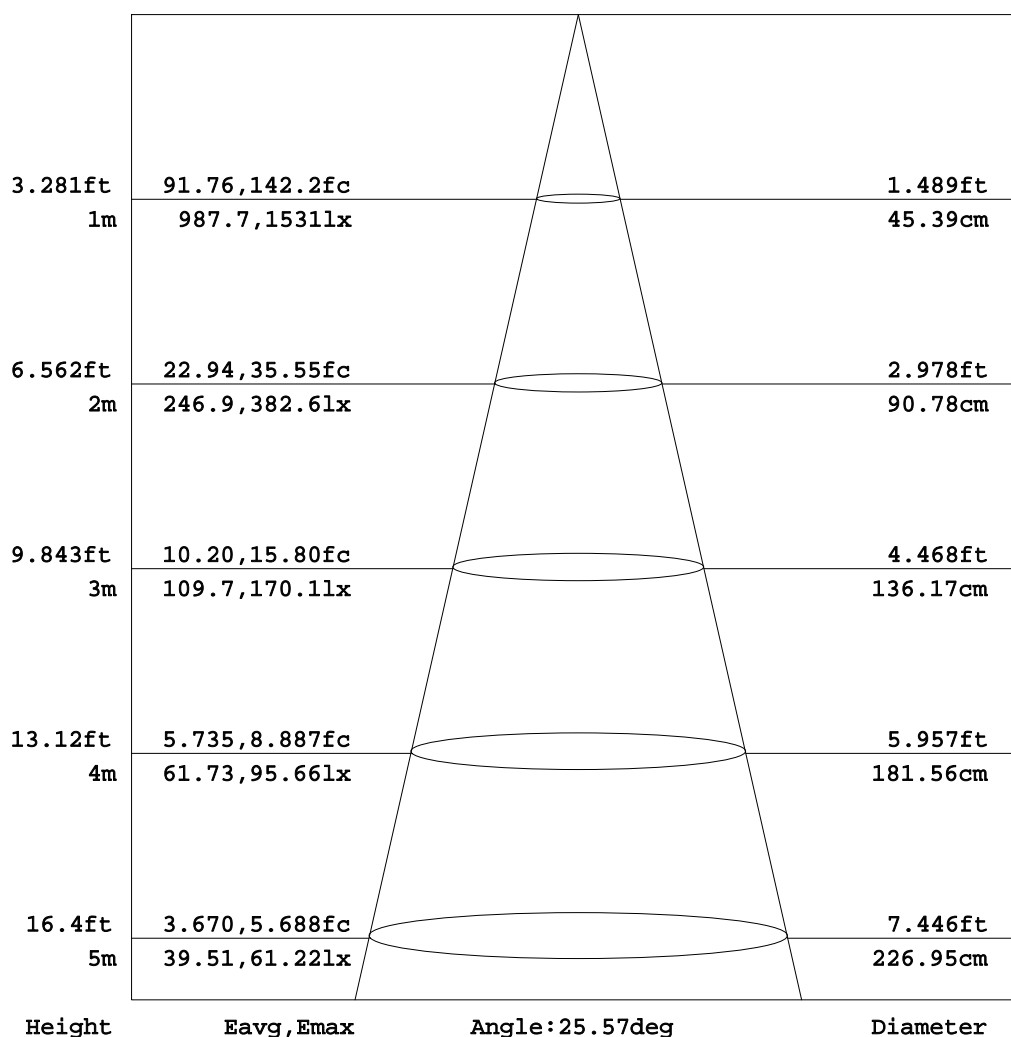
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZhangXiao
 Test Date: 2015-12-07

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:226.4V I:0.0440A P:8.540W PF:0.8410 Lamp Flux:778.73lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:165.4 lm



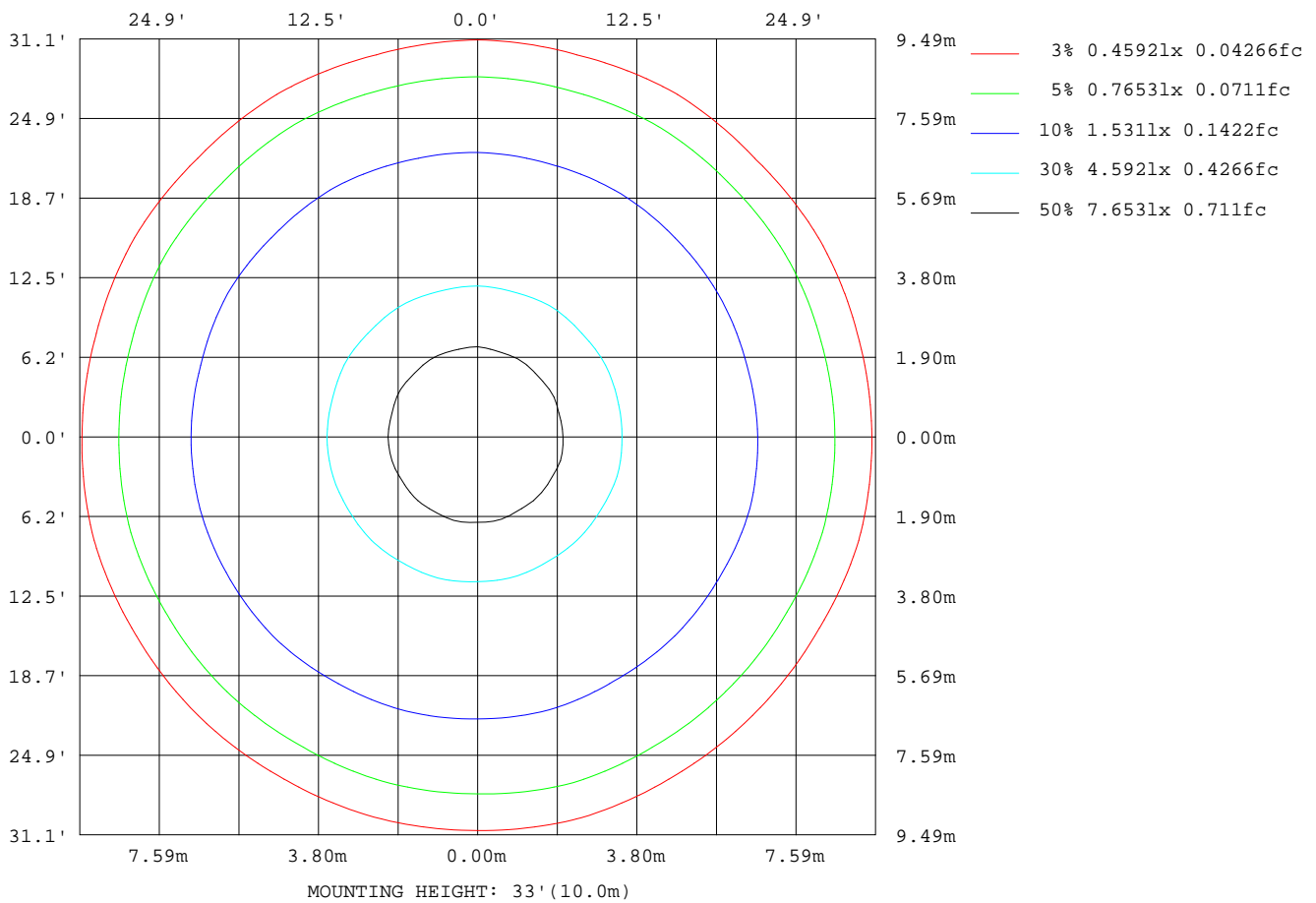
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

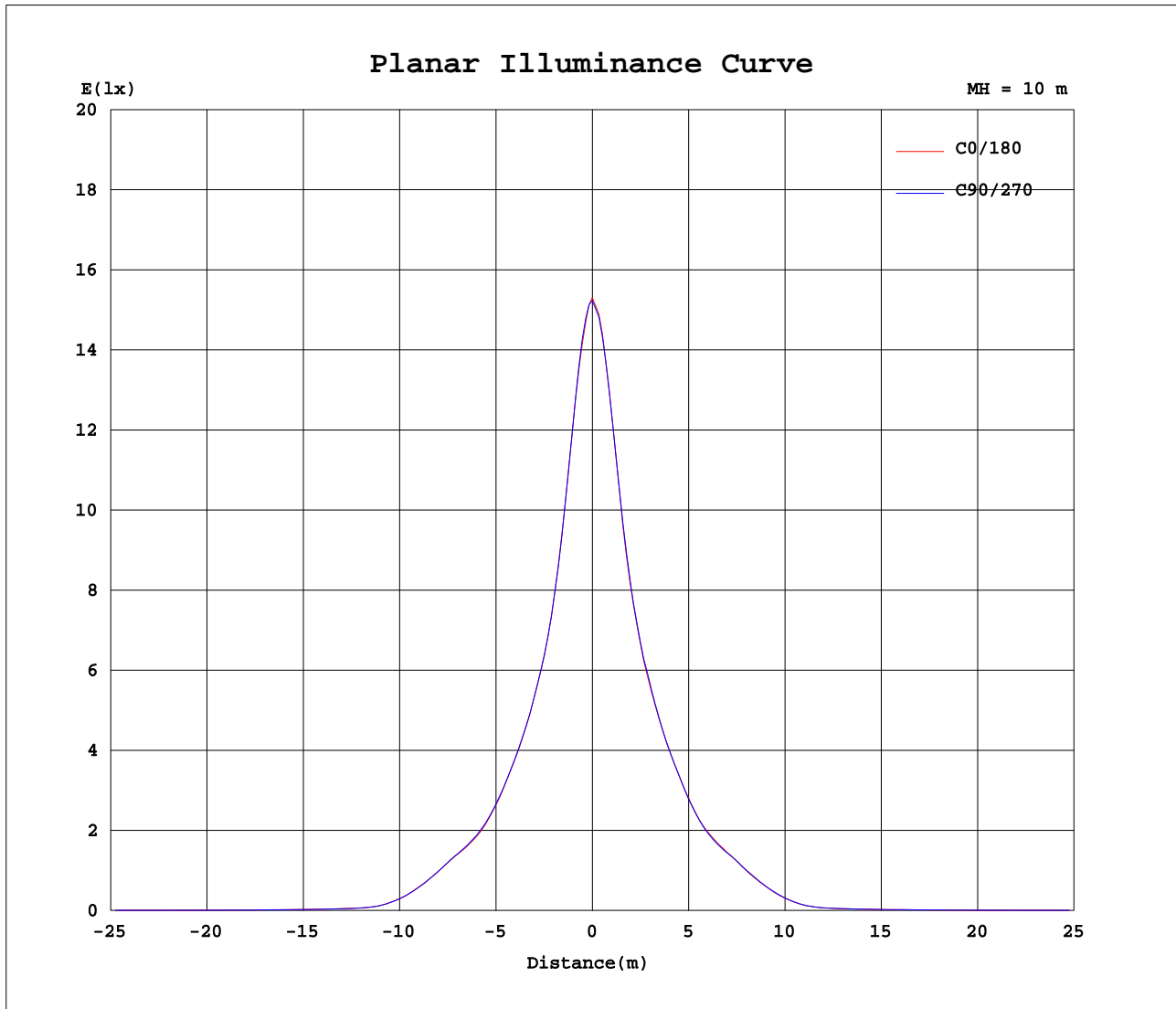
Test:U:226.4V I:0.0440A P:8.540W PF:0.8410 Lamp Flux:778.73lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:8.540W PF:0.8410 Lamp Flux:778.731x1 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	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526
5	1287	1298	1285	1294	1288	1307	1294	1304	1299	1309	1301	1313	1307	1296	1317	1300	1317	1305	1317
10	899	909	892	898	890	907	901	914	908	923	914	928	927	920	939	931	944	934	941
15	662	664	654	654	651	660	667	671	670	679	679	688	688	691	698	693	701	695	698
20	516	520	511	514	511	520	521	528	526	535	535	543	543	540	550	544	551	544	546
25	400	404	401	402	399	406	405	413	413	420	420	425	425	424	431	427	430	424	427
30	306	310	308	310	309	313	313	319	318	323	322	326	323	323	328	325	326	321	321
35	255	258	253	253	253	259	258	259	258	263	262	266	263	264	269	265	268	263	262
40	181	182	178	178	180	185	182	181	179	182	183	186	184	184	190	189	192	187	188
45	84.6	85.3	80.2	79.9	79.6	85.2	83.1	86.1	82.3	89.2	87.2	89.8	87.5	85.6	88.5	83.8	88.2	86.1	89.1
50	26.7	26.9	26.2	26.6	25.9	25.7	25.8	27.0	27.5	28.2	27.4	28.0	27.2	26.7	27.6	27.3	27.8	27.0	27.3
55	18.0	17.8	17.5	17.5	17.3	17.2	17.2	17.7	17.9	18.1	17.8	17.9	17.7	17.2	17.5	17.3	17.7	17.7	17.9
60	13.5	13.5	13.4	13.4	13.3	13.3	13.1	13.3	13.4	13.5	13.3	13.3	13.2	13.1	13.3	13.2	13.4	13.4	13.5
65	10.8	10.9	10.9	10.9	10.9	10.9	10.8	10.8	10.8	10.9	10.8	10.7	10.5	10.5	10.6	10.6	10.7	10.7	10.8
70	8.41	8.51	8.56	8.59	8.50	8.52	8.49	8.57	8.55	8.61	8.45	8.34	8.20	8.06	8.09	8.02	8.16	8.23	8.32
75	7.10	7.27	7.35	7.36	7.28	7.27	7.27	7.36	7.35	7.38	7.23	7.06	6.92	6.79	6.75	6.71	6.81	6.93	7.00
80	6.09	6.30	6.43	6.47	6.39	6.29	6.24	6.30	6.32	6.35	6.32	6.03	5.87	5.71	5.67	5.66	5.80	5.94	6.01
85	5.22	5.44	5.56	5.61	5.50	5.36	5.25	5.29	5.32	5.39	5.39	5.10	4.95	4.75	4.73	4.78	5.01	5.09	5.18
90	1.61	1.24	1.26	1.27	1.29	1.24	1.26	1.24	1.25	1.25	1.34	1.25	1.45	1.47	1.46	1.49	1.50	1.47	1.46
95	1.35	1.28	1.27	1.29	1.30	1.28	1.27	1.27	1.27	1.28	1.29	1.28	1.56	1.56	1.56	1.55	1.58	1.55	1.56
100	1.37	1.37	1.37	1.39	1.37	1.38	1.37	1.37	1.36	1.37	1.37	1.37	1.70	1.70	1.71	1.69	1.71	1.69	1.71
105	1.53	1.55	1.55	1.56	1.55	1.55	1.54	1.54	1.53	1.54	1.53	1.54	1.87	1.86	1.87	1.86	1.87	1.86	1.87
110	1.76	1.78	1.78	1.79	1.78	1.78	1.77	1.77	1.76	1.77	1.75	1.76	2.07	2.06	2.07	2.06	2.07	2.07	2.08
115	2.04	2.05	2.06	2.06	2.06	2.06	2.04	2.04	2.03	2.03	2.03	2.02	2.32	2.30	2.32	2.30	2.32	2.31	2.32
120	2.36	2.38	2.38	2.39	2.38	2.38	2.37	2.37	2.35	2.35	2.34	2.33	2.61	2.59	2.61	2.59	2.61	2.60	2.62
125	2.76	2.77	2.78	2.78	2.78	2.78	2.77	2.75	2.75	2.74	2.73	2.72	2.97	2.96	2.97	2.95	2.97	2.97	2.98
130	3.24	3.25	3.26	3.26	3.26	3.25	3.25	3.23	3.22	3.21	3.20	3.19	3.39	3.39	3.40	3.39	3.40	3.41	3.42
135	3.75	3.77	3.79	3.78	3.78	3.77	3.77	3.74	3.74	3.73	3.72	3.71	3.88	3.88	3.88	3.87	3.88	3.89	3.90
140	4.23	4.26	4.27	4.27	4.26	4.27	4.25	4.24	4.22	4.22	4.21	4.20	4.33	4.33	4.34	4.32	4.34	4.34	4.35
145	4.62	4.64	4.64	4.63	4.65	4.64	4.64	4.62	4.61	4.61	4.60	4.59	4.68	4.68	4.69	4.69	4.70	4.70	4.72
150	4.90	4.92	4.93	4.93	4.92	4.93	4.93	4.91	4.90	4.91	4.90	4.89	4.97	4.96	4.96	4.96	4.99	4.98	4.99
155	5.15	5.17	5.17	5.18	5.18	5.19	5.18	5.16	5.16	5.18	5.16	5.15	5.22	5.21	5.23	5.21	5.24	5.23	5.25
160	5.38	5.40	5.40	5.40	5.40	5.42	5.42	5.41	5.40	5.41	5.41	5.39	5.44	5.44	5.46	5.44	5.46	5.46	5.47
165	5.55	5.57	5.58	5.57	5.57	5.59	5.59	5.58	5.58	5.60	5.58	5.58	5.62	5.62	5.63	5.62	5.64	5.64	5.65
170	5.69	5.72	5.72	5.72	5.73	5.74	5.75	5.74	5.74	5.74	5.75	5.74	5.75	5.75	5.77	5.74	5.77	5.77	5.79
175	5.78	5.79	5.80	5.80	5.80	5.82	5.82	5.81	5.81	5.83	5.82	5.81	5.81	5.82	5.84	5.82	5.84	5.84	5.85
180	5.85	5.86	5.88	5.87	5.88	5.89	5.89	5.88	5.89	5.89	5.89	5.88	5.85	5.86	5.87	5.87	5.88	5.89	5.89

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:8.540W PF:0.8410 Lamp Flux:778.731x1 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	1526	1526	1526	1526	1526														
5	1292	1302	1285	1297	1282														
10	916	922	905	912	895														
15	684	678	668	663	655														
20	537	541	530	529	519														
25	420	420	413	412	404														
30	315	316	313	311	308														
35	257	258	255	254	254														
40	182	186	181	182	179														
45	86.9	87.4	85.6	86.3	83.4														
50	27.0	27.6	27.3	27.7	26.8														
55	18.0	18.3	18.1	18.4	18.0														
60	13.4	13.6	13.5	13.7	13.5														
65	10.6	10.8	10.8	10.9	10.8														
70	8.28	8.35	8.32	8.46	8.40														
75	6.96	6.94	6.92	7.02	7.05														
80	5.94	5.88	5.83	5.94	6.02														
85	5.12	5.04	4.98	5.10	5.15														
90	1.47	1.46	1.47	1.50	1.47														
95	1.55	1.57	1.55	1.58	1.56														
100	1.69	1.71	1.70	1.72	1.70														
105	1.87	1.88	1.87	1.89	1.87														
110	2.07	2.08	2.08	2.09	2.08														
115	2.32	2.33	2.33	2.34	2.34														
120	2.60	2.62	2.63	2.64	2.63														
125	2.97	2.99	3.00	3.02	3.02														
130	3.41	3.43	3.44	3.45	3.46														
135	3.90	3.91	3.92	3.94	3.94														
140	4.34	4.36	4.37	4.38	4.39														
145	4.70	4.72	4.73	4.75	4.74														
150	4.97	4.99	5.00	5.01	5.00														
155	5.22	5.24	5.24	5.26	5.25														
160	5.45	5.47	5.47	5.48	5.46														
165	5.64	5.64	5.64	5.64	5.63														
170	5.77	5.77	5.76	5.78	5.75														
175	5.83	5.85	5.85	5.85	5.82														
180	5.88	5.88	5.89	5.89	5.88														

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: