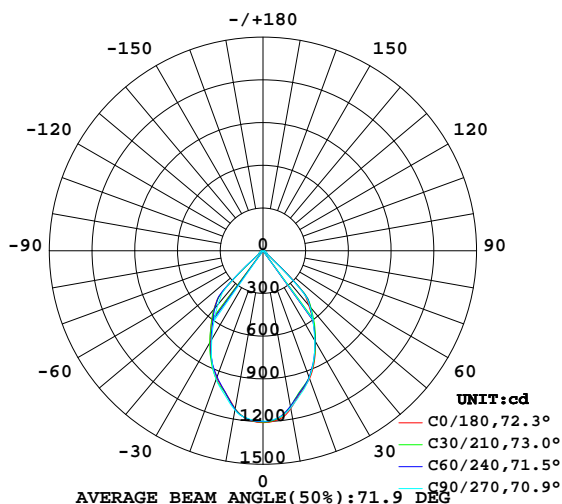


LUMINAIRE PHOTOMETRIC TEST REPORT

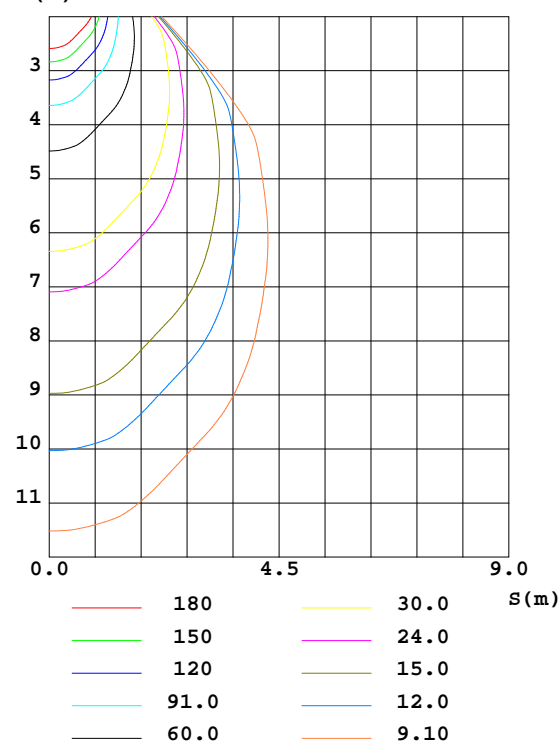
Test:U:226.6V I:0.0740A P:13.70W PF:0.8130 Lamp Flux:1537.96x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 112.26 lm/W			
MODEL	BL171-14W-840-W-60	Imax(cd)	1207	S/MH(C0/180)	0.98
NOMINAL POWER(W)	14	LOR(%)	100.0	S/MH(C90/270)	0.98
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1538.0	η UP,DN(C0-180)	1.2,48.4
NOMINAL FLUX(lm)	1537.96	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,49.2
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	226.5	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:2016-08-25

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	1125	1112	1120	1113	1126	1127	1137	1128	0- 10	111.1	111.1	7.22,7.22
20	956.4	948.0	949.9	939.9	950.4	944.1	960.5	954.6	10- 20	289.8	400.9	26.1,26.1
30	733.4	739.0	726.8	730.0	741.7	741.3	719.5	726.5	20- 30	388.1	789.0	51.3,51.3
40	500.3	525.4	513.6	531.6	534.9	533.6	490.8	537.7	30- 40	388.7	1178	76.6,76.6
50	49.56	45.96	45.21	45.51	49.86	53.11	56.03	51.88	40- 50	239.8	1417	92.2,92.2
60	29.77	29.63	29.87	30.01	30.24	30.01	29.36	29.55	50- 60	31.70	1449	94.2,94.2
70	17.96	18.50	18.76	18.53	18.63	17.76	17.86	17.35	60- 70	25.04	1474	95.9,95.9
80	13.17	13.27	13.29	13.30	13.48	13.06	13.03	13.02	70- 80	16.91	1491	97,97
90	2.631	2.598	2.584	2.579	2.916	3.016	3.349	2.958	80- 90	9.704	1501	97.6,97.6
100	3.246	3.257	3.229	3.224	3.626	3.582	3.558	3.568	90-100	3.325	1504	97.8,97.8
110	4.152	4.137	4.122	4.102	4.565	4.521	4.490	4.509	100-110	4.067	1508	98.1,98.1
120	5.291	5.263	5.266	5.219	5.698	5.647	5.612	5.628	110-120	4.822	1513	98.4,98.4
130	6.616	6.593	6.587	6.541	6.993	6.931	6.890	6.913	120-130	5.453	1518	98.7,98.7
140	7.959	7.931	7.917	7.873	8.272	8.207	8.165	8.181	130-140	5.726	1524	99.1,99.1
150	8.975	8.949	8.936	8.898	9.146	9.074	9.050	9.050	140-150	5.365	1530	99.5,99.5
160	10.00	9.972	9.935	9.895	10.13	10.06	10.01	10.03	150-160	4.382	1534	99.7,99.7
170	11.01	10.93	10.91	10.86	11.06	10.97	10.93	10.91	160-170	2.954	1537	99.9,99.9
180	11.68	11.60	11.57	11.54	11.70	11.59	11.58	11.54	170-180	1.070	1538	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

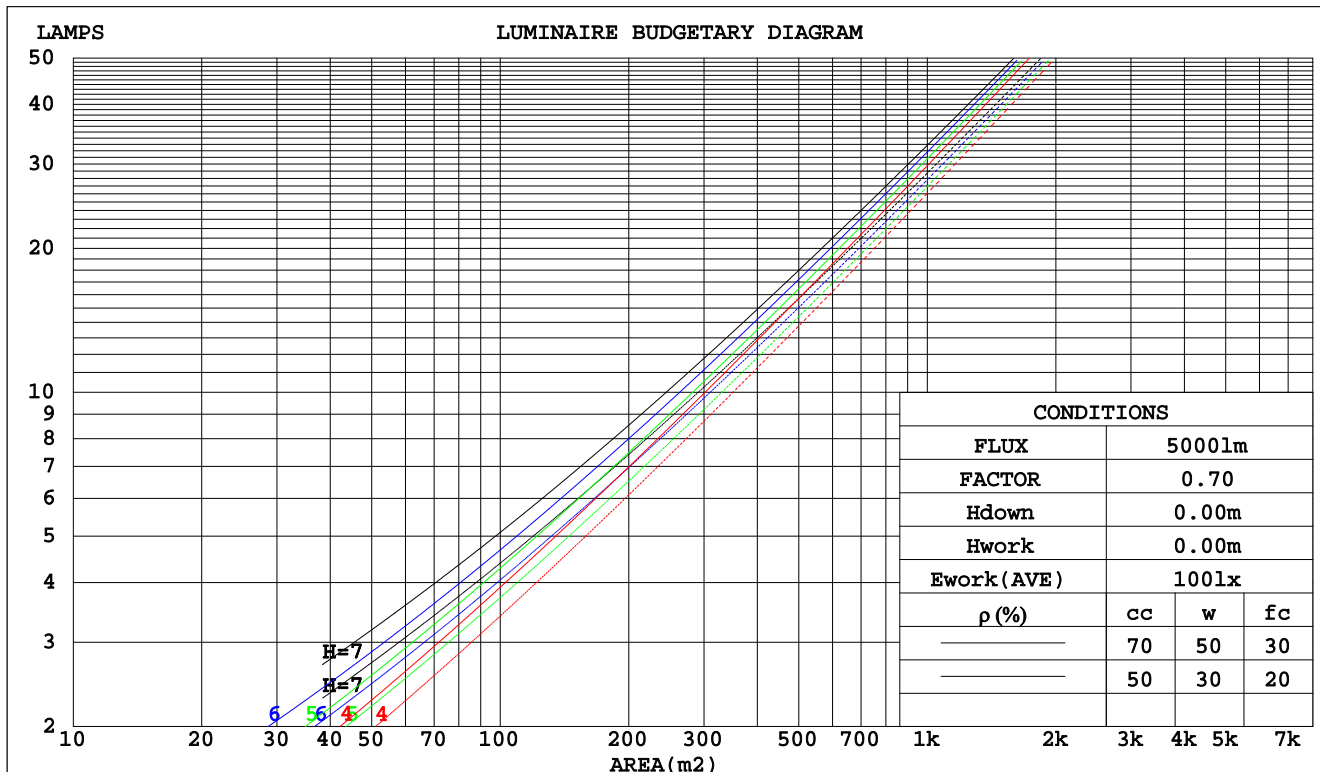
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-25

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:226.6V I:0.0740A P:13.70W PF:0.8130 Lamp Flux:1537.96x1 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	.83	.81
3.0	.91	.85	.81	.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	.70	.75	.72	.68	.67
5.0	.77	.70	.65	.76	.70	.65	.74	.68	.64	.72	.67	.63	.70	.66	.63	.61
6.0	.71	.65	.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	.60	.54	.50	.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: 2016-08-25

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:226.6V I:0.0740A P:13.70W PF:0.8130 Lamp Flux:1537.96x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0	
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
p _{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.212	.120	.038	.204	.116	.037	.190	.109	.035	.177	.102	.033	.165	.096	.031		
2.0	.202	.111	.034	.195	.108	.033	.183	.102	.032	.172	.097	.030	.162	.091	.029		
3.0	.192	.102	.031	.186	.100	.030	.175	.095	.029	.166	.091	.028	.156	.087	.027		
4.0	.182	.094	.028	.177	.092	.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	.069	.020	.133	.068	.020	.128	.066	.019		
9.0	.141	.068	.019	.138	.067	.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
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	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	.136	.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	.127	.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:2016-08-25

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:226.6V I:0.0740A P:13.70W PF:0.8130 Lamp Flux:1537.96x1 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	21H	21.7	22.8	22.0	23.0	23.3	21.5	22.6	21.8	22.8	23.0
	3H	21.7	22.7	22.0	22.9	23.2	21.5	22.5	21.8	22.7	23.0
	4H	21.7	22.6	22.0	22.9	23.2	21.5	22.5	21.8	22.7	23.0
	6H	21.7	22.6	22.1	22.9	23.2	21.6	22.5	21.9	22.8	23.1
	8H	21.8	22.6	22.1	22.9	23.3	21.6	22.5	22.0	22.8	23.1
	12H	21.9	22.7	22.2	23.0	23.3	21.7	22.5	22.1	22.8	23.2
4H	2H	21.5	22.4	21.8	22.7	23.0	21.3	22.2	21.6	22.5	22.8
	3H	21.5	22.3	21.9	22.6	23.0	21.3	22.1	21.7	22.5	22.8
	4H	21.6	22.3	22.0	22.7	23.0	21.4	22.2	21.8	22.5	22.9
	6H	21.8	22.4	22.2	22.8	23.2	21.6	22.3	22.0	22.6	23.0
	8H	21.9	22.5	22.3	22.9	23.3	21.7	22.3	22.2	22.7	23.2
	12H	22.0	22.6	22.5	23.0	23.5	21.9	22.4	22.4	22.9	23.3
8H	4H	21.6	22.2	22.0	22.6	23.0	21.4	22.0	21.8	22.4	22.8
	6H	21.8	22.3	22.3	22.8	23.2	21.7	22.2	22.2	22.6	23.1
	8H	22.0	22.5	22.5	22.9	23.4	21.9	22.4	22.4	22.8	23.3
	12H	22.3	22.7	22.8	23.2	23.7	22.2	22.6	22.7	23.0	23.6
12H	4H	21.5	22.1	22.0	22.5	22.9	21.4	21.9	21.8	22.3	22.8
	6H	21.8	22.3	22.3	22.7	23.2	21.7	22.2	22.2	22.6	23.1
	8H	22.1	22.5	22.6	23.0	23.5	22.0	22.4	22.5	22.8	23.4
Variations with the observer position at spacings:											
S = 1.0H	+ 2.6 / - 4.0					+ 2.7 / - 3.9					
1.5H	+ 2.9 / - 4.7					+ 2.9 / - 4.4					
2.0H	+ 5.9 / - 2.2					+ 5.7 / - 1.7					

CIE Pub.117 Corrected 1538 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.5)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-25

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:226.6V I:0.0740A P:13.70W PF:0.8130 Lamp Flux:1537.96x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

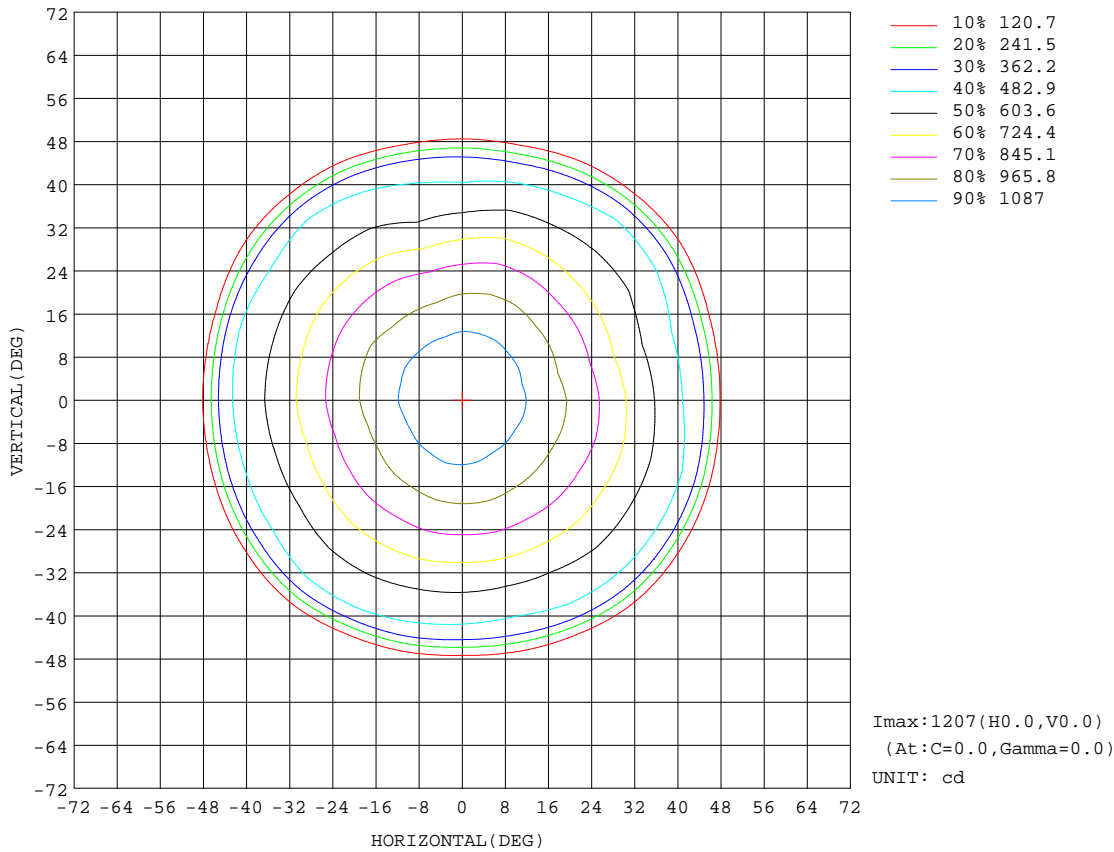
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	77	69	64	76	69	64	75	68	64	59
0.80	86	78	73	85	78	73	83	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	100	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:2016-08-25

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:226.6V I:0.0740A P:13.70W PF:0.8130 Lamp Flux:1537.96x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

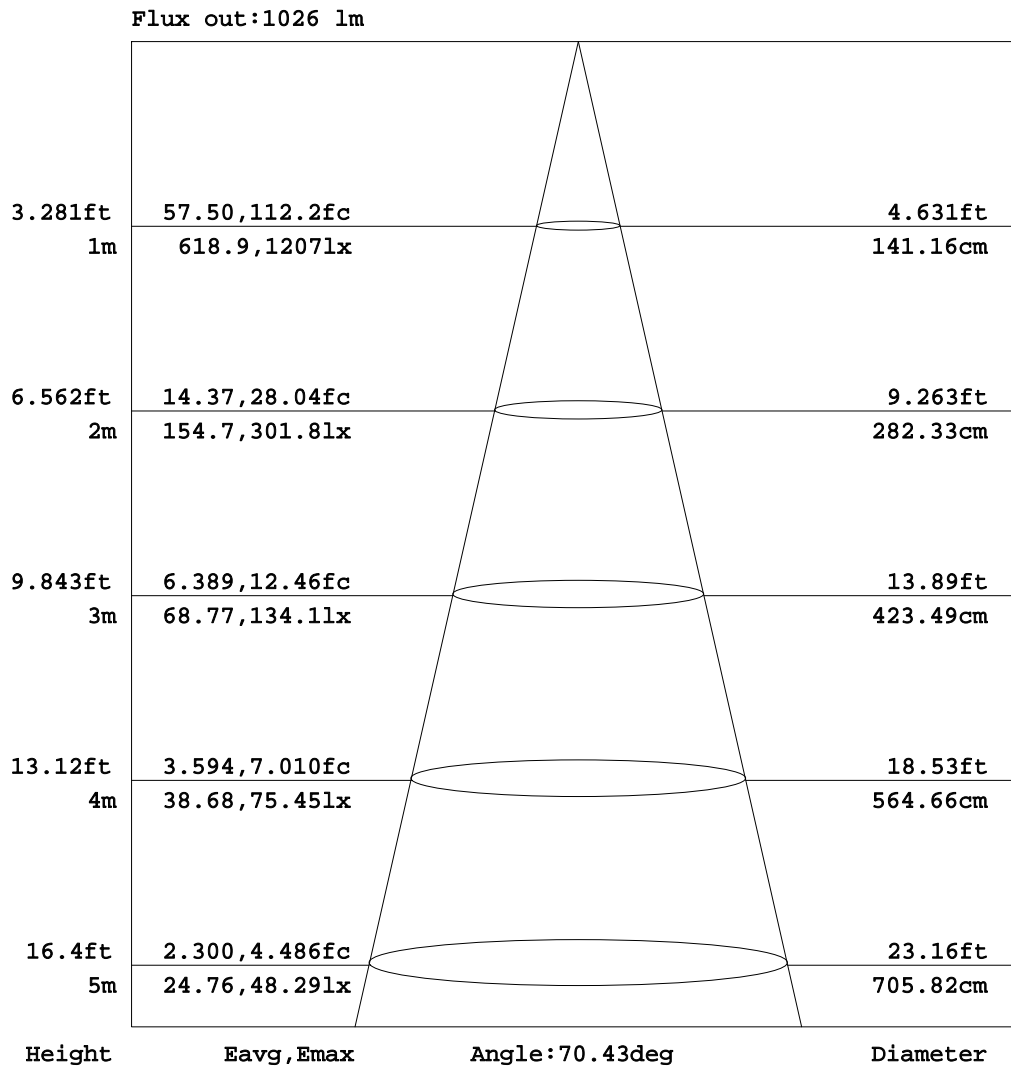


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-25

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:226.6V I:0.0740A P:13.70W PF:0.8130 Lamp Flux:1537.96x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



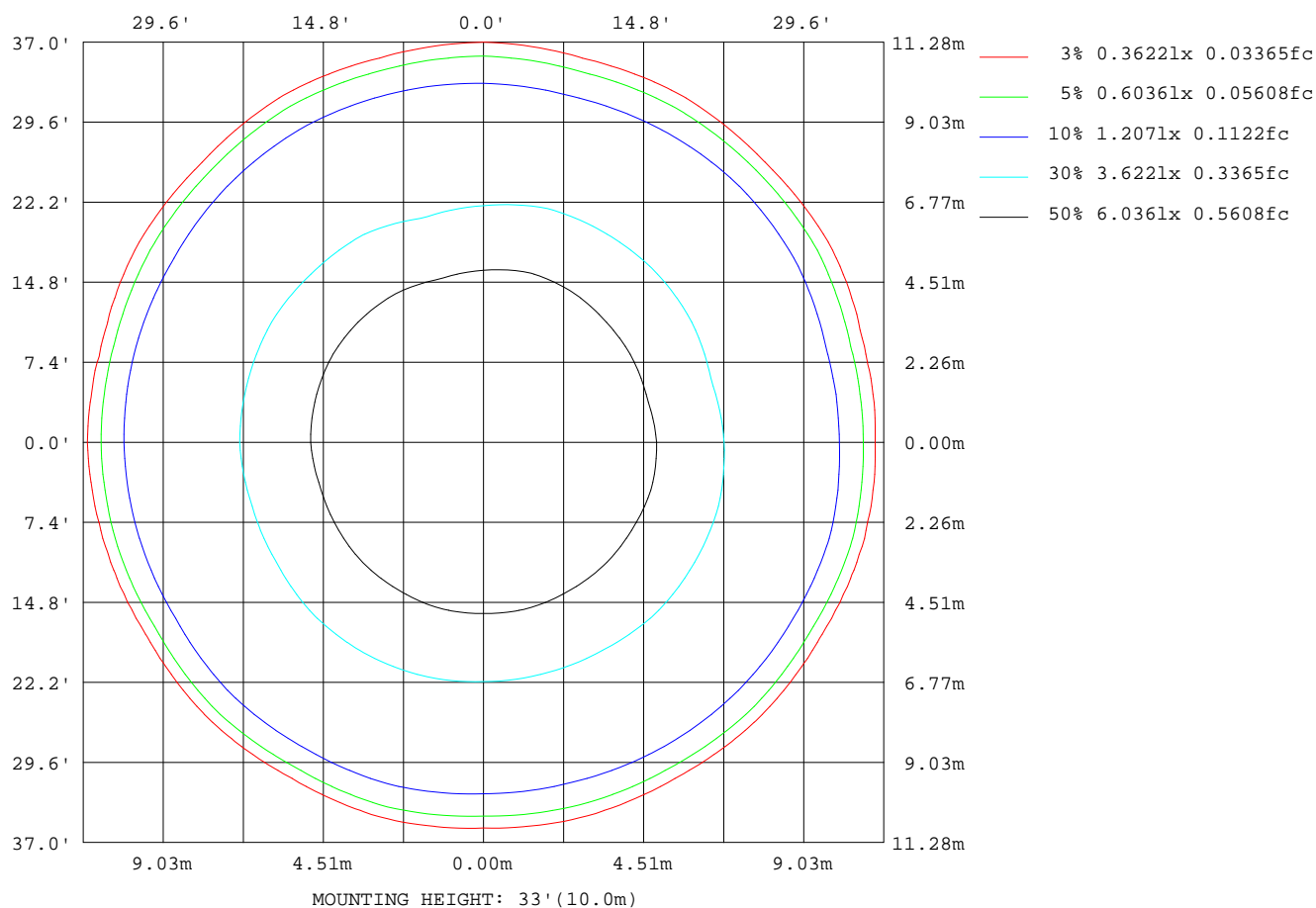
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-25

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

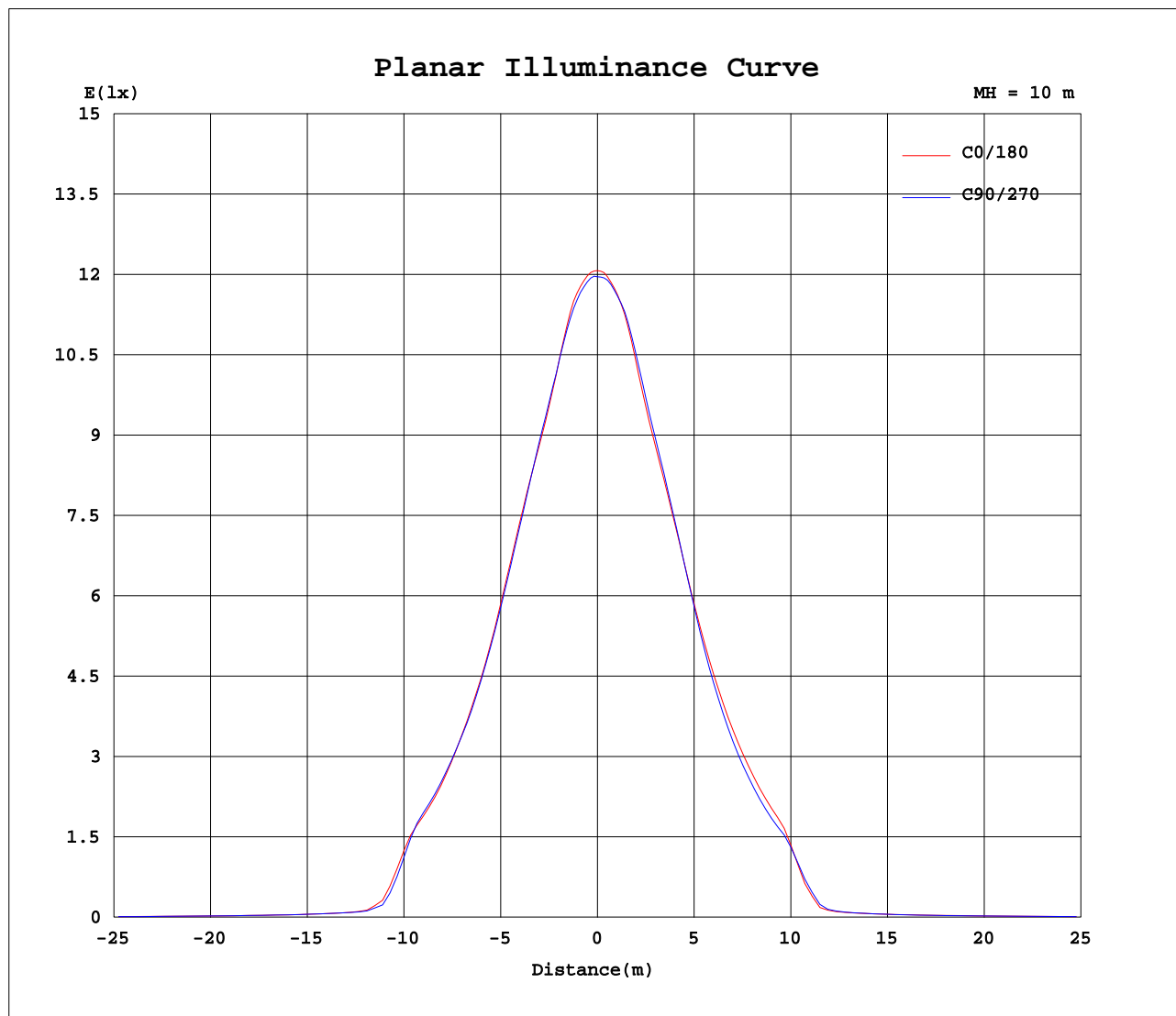
Test:U:226.6V I:0.0740A P:13.70W PF:0.8130 Lamp Flux:1537.96x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-25

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: 2016-08-25

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:226.6V I:0.0740A P:13.70W PF:0.8130 Lamp Flux:1537.96x1 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	1207	1204	1202	1200	1199	1197	1196	1195	1195	1194	1192	1192	1207	1204	1202	1200	1199	1197	1196
5	1191	1188	1183	1183	1180	1180	1180	1180	1179	1178	1175	1173	1188	1186	1188	1186	1187	1184	1184
10	1125	1120	1110	1112	1109	1117	1120	1123	1115	1113	1108	1110	1126	1123	1128	1127	1131	1130	1137
15	1028	1024	1016	1017	1022	1033	1037	1035	1024	1020	1012	1014	1027	1025	1033	1028	1028	1029	1046
20	956	955	947	948	946	952	950	949	941	940	932	934	950	955	961	944	942	941	961
25	856	861	849	849	844	848	844	846	838	839	833	832	853	857	861	856	850	833	850
30	733	745	738	739	731	730	727	733	731	730	720	720	742	742	749	741	729	696	720
35	620	635	631	632	614	612	617	624	629	629	614	620	637	635	635	620	618	585	599
40	500	531	526	525	515	506	514	521	530	532	515	523	535	538	533	534	527	502	491
45	352	378	356	350	334	316	316	343	338	357	342	363	381	389	381	402	402	386	370
50	49.6	48.1	46.0	46.0	45.7	46.3	45.2	45.5	43.8	45.5	45.9	48.2	49.9	49.8	53.0	53.1	55.7	60.9	56.0
55	34.4	33.9	33.8	34.4	34.6	34.8	34.2	34.1	33.7	34.2	34.2	34.2	34.4	34.2	34.8	34.7	34.9	34.5	34.8
60	29.8	29.3	29.2	29.6	30.0	30.3	29.9	29.9	29.8	30.0	30.0	30.0	30.2	30.1	30.2	30.0	29.8	29.4	29.4
65	26.6	26.3	26.4	26.6	26.8	27.3	26.9	27.1	26.7	26.9	26.8	26.8	27.2	27.1	27.0	26.5	26.4	26.0	26.4
70	18.0	18.2	18.2	18.5	18.6	18.8	18.8	18.7	18.5	18.5	18.4	18.4	18.6	18.2	18.1	17.8	18.0	17.7	17.9
75	16.2	16.5	16.5	16.7	16.7	16.9	16.8	17.0	16.9	16.9	16.7	16.5	16.6	16.4	16.3	16.1	16.0	15.7	15.7
80	13.2	13.3	13.1	13.3	13.2	13.4	13.3	13.4	13.2	13.3	13.1	13.2	13.5	13.3	13.2	13.1	13.1	13.0	13.0
85	9.63	9.67	9.34	9.41	9.13	9.27	9.02	9.21	9.04	9.31	9.20	9.49	9.87	9.77	9.94	9.82	9.97	9.85	10.00
90	2.63	2.60	2.61	2.60	2.60	2.59	2.58	2.58	2.59	2.58	2.59	2.57	2.92	2.92	3.12	3.02	3.30	3.13	3.35
95	2.88	2.89	2.89	2.89	2.88	2.88	2.86	2.87	2.86	2.87	2.86	2.85	3.23	3.21	3.21	3.19	3.18	3.17	3.17
100	3.25	3.25	3.25	3.26	3.24	3.24	3.23	3.23	3.23	3.22	3.22	3.21	3.63	3.61	3.60	3.58	3.57	3.56	3.56
105	3.67	3.67	3.68	3.67	3.66	3.65	3.65	3.65	3.65	3.64	3.63	3.62	4.07	4.06	4.04	4.03	4.02	4.01	4.00
110	4.15	4.15	4.15	4.14	4.13	4.12	4.12	4.12	4.11	4.10	4.11	4.09	4.57	4.55	4.52	4.52	4.50	4.50	4.49
115	4.69	4.68	4.69	4.67	4.67	4.66	4.66	4.65	4.65	4.63	4.64	4.63	5.11	5.09	5.07	5.06	5.04	5.04	5.02
120	5.29	5.28	5.28	5.26	5.28	5.26	5.27	5.24	5.24	5.22	5.24	5.22	5.70	5.68	5.65	5.65	5.63	5.63	5.61
125	5.94	5.92	5.93	5.92	5.93	5.91	5.92	5.89	5.90	5.87	5.88	5.86	6.34	6.31	6.28	6.27	6.25	6.26	6.24
130	6.62	6.60	6.61	6.59	6.60	6.58	6.59	6.56	6.57	6.54	6.55	6.53	6.99	6.96	6.94	6.93	6.91	6.91	6.89
135	7.29	7.28	7.29	7.27	7.27	7.26	7.26	7.24	7.25	7.21	7.22	7.21	7.65	7.63	7.59	7.59	7.56	7.56	7.54
140	7.96	7.95	7.95	7.93	7.93	7.92	7.92	7.91	7.90	7.87	7.88	7.88	8.27	8.24	8.21	8.21	8.18	8.18	8.16
145	8.52	8.51	8.51	8.49	8.48	8.48	8.48	8.46	8.46	8.44	8.44	8.44	8.76	8.72	8.69	8.69	8.67	8.67	8.66
150	8.98	8.97	8.96	8.95	8.96	8.94	8.94	8.92	8.91	8.90	8.91	8.90	9.15	9.11	9.08	9.07	9.06	9.06	9.05
155	9.50	9.49	9.48	9.48	9.47	9.45	9.44	9.42	9.42	9.41	9.40	9.39	9.63	9.60	9.57	9.57	9.55	9.54	9.52
160	10.0	9.99	9.98	9.97	9.96	9.94	9.94	9.92	9.93	9.90	9.90	9.87	10.1	10.1	10.1	10.1	10.0	10.0	10.0
165	10.5	10.5	10.5	10.5	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.6	10.6	10.5	10.5	10.5	10.5	10.5
170	11.0	11.0	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	11.1	11.0	11.0	11.0	11.0	11.0	10.9
175	11.4	11.4	11.4	11.4	11.3	11.4	11.3	11.3	11.3	11.3	11.3	11.3	11.4	11.4	11.4	11.3	11.3	11.3	11.3
180	11.7	11.7	11.6	11.6	11.6	11.6	11.6	11.6	11.5	11.5	11.5	11.5	11.7	11.6	11.6	11.6	11.6	11.6	11.6

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-25

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:226.6V I:0.0740A P:13.70W PF:0.8130 Lamp Flux:1537.96x1 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	1195	1195	1194	1192	1192														
5	1184	1186	1185	1183	1178														
10	1136	1137	1128	1125	1116														
15	1044	1043	1031	1029	1020														
20	970	968	955	950	939														
25	872	866	850	845	835														
30	748	740	727	720	706														
35	629	628	629	624	598														
40	517	521	538	532	492														
45	359	377	401	388	347														
50	53.4	54.3	51.9	52.9	49.2														
55	34.6	34.7	34.3	34.5	33.9														
60	29.4	29.5	29.5	29.7	29.4														
65	26.5	26.4	26.1	26.4	26.2														
70	17.4	17.6	17.3	17.7	17.7														
75	15.7	15.8	15.8	15.9	16.0														
80	13.0	13.1	13.0	13.2	13.2														
85	9.88	10.0	9.90	10.0	9.82														
90	3.10	3.25	2.96	3.03	2.89														
95	3.17	3.18	3.18	3.18	3.18														
100	3.56	3.57	3.57	3.57	3.58														
105	4.01	4.01	4.02	4.02	4.04														
110	4.49	4.49	4.51	4.50	4.52														
115	5.03	5.03	5.04	5.04	5.06														
120	5.62	5.61	5.63	5.63	5.64														
125	6.24	6.24	6.26	6.25	6.27														
130	6.90	6.89	6.91	6.90	6.92														
135	7.55	7.54	7.57	7.56	7.57														
140	8.17	8.16	8.18	8.18	8.18														
145	8.66	8.66	8.66	8.66	8.66														
150	9.06	9.05	9.05	9.04	9.06														
155	9.53	9.52	9.53	9.52	9.54														
160	10.0	10.0	10.0	10.0	10.0														
165	10.5	10.5	10.5	10.5	10.5														
170	10.9	10.9	10.9	10.9	10.9														
175	11.3	11.3	11.3	11.3	11.3														
180	11.6	11.5	11.5	11.5	11.5														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-25

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: