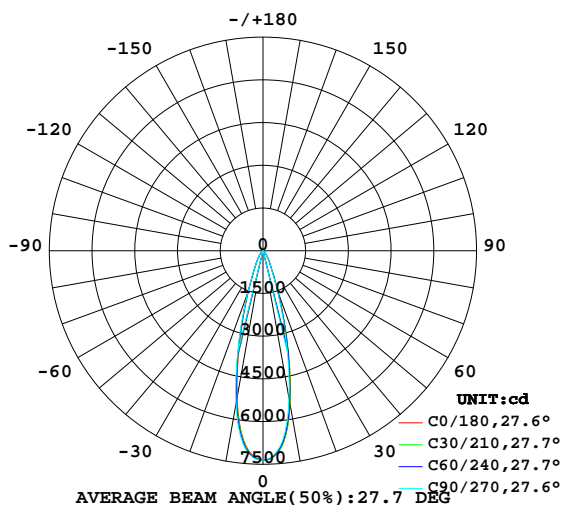


LUMINAIRE PHOTOMETRIC TEST REPORT

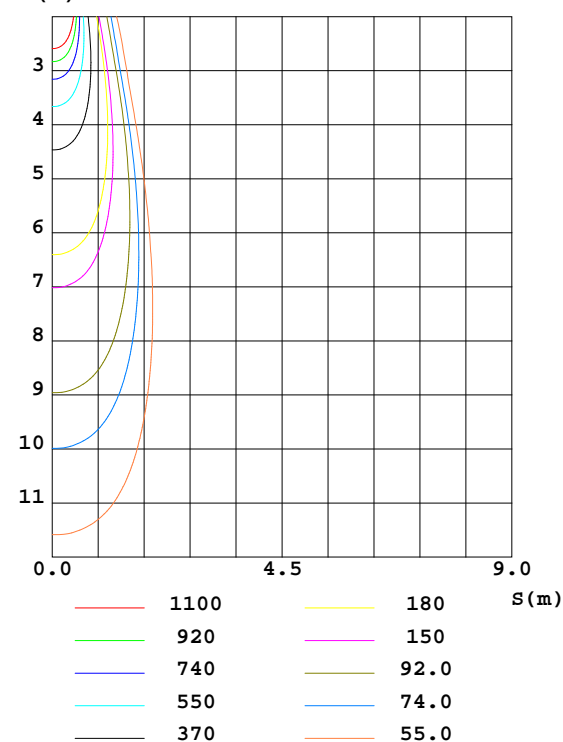
Test:U:226.5V I:0.0930A P:20.10W PF:0.9530 Lamp Flux:2208.71x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.89 lm/W			
MODEL	DL08-20W-840-W-28-02	Imax(cd)	7354	S/MH(C0/180)	0.46
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.45
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2208.7	η UP,DN(C0-180)	1.3,48.4
NOMINAL FLUX(lm)	2208.71	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.9
LAMPS INSIDE	1	η up(%)	2.7	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.5	η down(%)	97.3	CIBSE SHR MAX	1.00

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: 2016-08-31

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	5481	5490	5269	5246	5238	5244	5462	5457	0- 10	612.4	612.4	27.7,27.7
20	1583	1628	1478	1482	1479	1475	1592	1562	10- 20	867.3	1480	67,67
30	449.4	450.6	426.9	424.9	429.2	441.1	453.7	449.8	20- 30	365.3	1845	83.5,83.5
40	175.2	173.9	165.3	162.6	165.6	168.2	173.2	171.9	30- 40	172.5	2018	91.3,91.3
50	62.15	60.74	57.74	56.21	57.53	57.25	60.64	59.38	40- 50	83.42	2101	95.1,95.1
60	11.02	11.02	10.90	10.53	10.46	10.05	10.69	10.35	50- 60	25.68	2127	96.3,96.3
70	7.323	7.221	7.236	7.280	7.357	7.381	7.345	7.086	60- 70	8.647	2135	96.7,96.7
80	7.009	6.864	6.872	6.895	7.221	7.294	7.244	6.768	70- 80	7.581	2143	97,97
90	4.689	4.643	4.403	4.459	5.408	5.615	5.740	5.246	80- 90	6.696	2150	97.3,97.3
100	4.450	4.153	4.417	3.991	6.458	5.901	6.266	5.563	90-100	5.552	2155	97.6,97.6
110	4.769	4.700	4.696	4.581	6.271	6.199	6.226	6.040	100-110	5.829	2161	97.8,97.8
120	6.354	6.461	6.424	6.428	7.348	7.414	7.249	7.175	110-120	5.963	2167	98.1,98.1
130	9.737	9.832	9.924	9.963	10.53	10.55	10.32	10.27	120-130	7.454	2174	98.4,98.4
140	13.93	13.95	14.12	14.14	14.50	14.47	14.30	14.29	130-140	9.403	2184	98.9,98.9
150	16.87	16.88	16.97	16.96	17.20	17.18	17.10	17.11	140-150	9.882	2194	99.3,99.3
160	18.13	18.14	18.19	18.17	18.31	18.30	18.27	18.28	150-160	8.191	2202	99.7,99.7
170	17.87	17.86	17.82	17.82	17.97	17.94	17.98	18.02	160-170	5.166	2207	99.9,99.9
180	17.77	17.76	17.76	17.77	17.79	17.75	17.76	17.77	170-180	1.690	2209	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

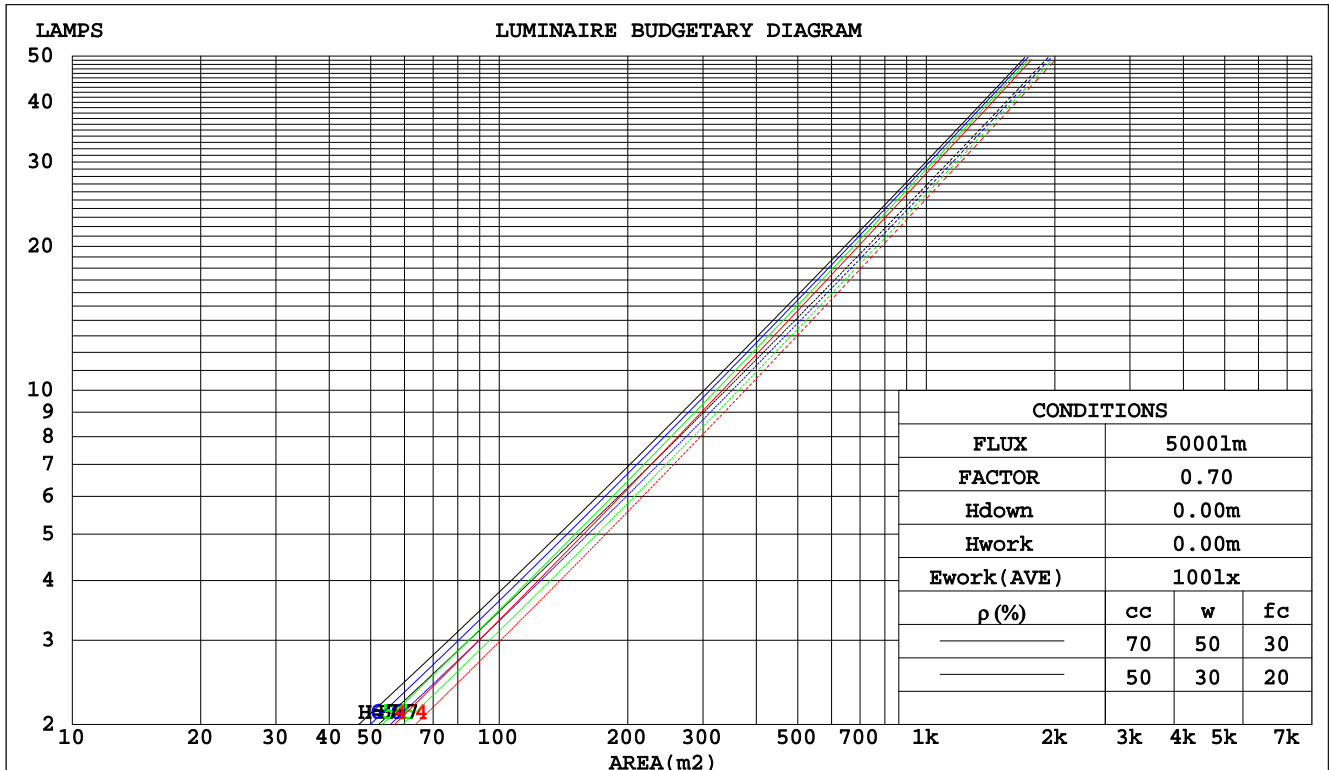
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-31

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.5V I:0.0930A P:20.10W PF:0.9530 Lamp Flux:2208.71lx1 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	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.01	1.00	.99	.98	.96	.95	.95	.93
2.0	1.05	1.01	.98	1.03	.00	.97	.99	.97	.95	.96	.94	.92	.93	.91	.90	.88
3.0	.99	.95	.92	.98	.94	.91	.95	.92	.89	.92	.90	.88	.90	.88	.86	.84
4.0	.95	.90	.86	.93	.89	.86	.91	.87	.85	.89	.86	.83	.87	.84	.82	.81
5.0	.90	.85	.82	.89	.85	.81	.87	.83	.81	.85	.82	.80	.84	.81	.79	.77
6.0	.86	.82	.78	.86	.81	.78	.84	.80	.77	.82	.79	.76	.81	.78	.76	.74
7.0	.83	.78	.75	.82	.78	.74	.81	.77	.74	.79	.76	.73	.78	.75	.73	.72
8.0	.80	.75	.72	.79	.75	.71	.78	.74	.71	.77	.73	.71	.76	.73	.70	.69
9.0	.77	.72	.69	.76	.72	.69	.75	.71	.68	.74	.71	.68	.73	.70	.68	.67
10.0	.74	.70	.67	.74	.69	.66	.73	.69	.66	.72	.68	.66	.71	.68	.66	.64



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-31

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:0.0930A P:20.10W PF:0.9530 Lamp Flux:2208.71x1 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	.158	.090	.028	.151	.086	.027	.137	.078	.025	.124	.071	.023	.112	.065	.021		
2.0	.147	.081	.025	.141	.078	.024	.129	.072	.022	.118	.066	.021	.108	.061	.019		
3.0	.137	.073	.022	.132	.071	.021	.122	.066	.020	.113	.062	.019	.104	.058	.018		
4.0	.129	.067	.020	.124	.065	.019	.116	.061	.018	.108	.058	.017	.100	.054	.017		
5.0	.122	.062	.018	.118	.060	.018	.110	.057	.017	.103	.054	.016	.097	.052	.016		
6.0	.115	.058	.017	.112	.056	.016	.105	.054	.016	.099	.051	.015	.093	.049	.015		
7.0	.109	.054	.015	.106	.053	.015	.100	.051	.015	.095	.049	.014	.090	.047	.014		
8.0	.104	.051	.014	.101	.050	.014	.096	.048	.014	.091	.046	.013	.087	.044	.013		
9.0	.099	.048	.013	.097	.047	.013	.092	.046	.013	.088	.044	.013	.084	.042	.012		
10.0	.095	.046	.013	.093	.045	.012	.089	.043	.012	.084	.042	.012	.081	.041	.012		

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	.211	.211	.211	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023		
1.0	.190	.178	.167	.163	.153	.144	.111	.105	.099	.064	.061	.058	.021	.020	.019		
2.0	.174	.153	.136	.149	.132	.118	.102	.091	.082	.059	.053	.048	.019	.017	.016		
3.0	.160	.134	.114	.137	.116	.099	.094	.080	.069	.054	.047	.041	.017	.015	.013		
4.0	.148	.119	.097	.127	.103	.084	.087	.072	.059	.051	.042	.035	.016	.014	.012		
5.0	.138	.107	.084	.119	.093	.073	.082	.065	.052	.047	.038	.031	.015	.012	.010		
6.0	.130	.098	.074	.112	.085	.065	.077	.059	.046	.045	.035	.027	.014	.011	.009		
7.0	.123	.090	.067	.106	.078	.058	.073	.054	.041	.042	.032	.024	.014	.011	.008		
8.0	.116	.083	.060	.100	.072	.053	.069	.051	.037	.040	.030	.022	.013	.010	.007		
9.0	.111	.078	.055	.096	.067	.048	.066	.047	.034	.039	.028	.020	.012	.009	.007		
10.0	.106	.073	.051	.091	.063	.045	.063	.045	.032	.037	.026	.019	.012	.009	.006		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-31

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:0.0930A P:20.10W PF:0.9530 Lamp Flux:2208.71x1 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	17.7	18.4	17.9	18.6	18.8	17.4	18.2	17.7	18.3	18.5
3H	17.6	18.3	17.9	18.6	18.8	17.4	18.1	17.6	18.3	18.5
4H	17.7	18.3	18.0	18.6	18.9	17.4	18.1	17.7	18.3	18.6
6H	17.8	18.4	18.1	18.7	19.0	17.5	18.2	17.9	18.4	18.7
8H	17.9	18.5	18.3	18.8	19.1	17.7	18.3	18.0	18.6	18.9
12H	18.1	18.7	18.5	19.0	19.3	17.8	18.4	18.2	18.7	19.0
4H 2H	17.5	18.2	17.8	18.4	18.7	17.2	17.9	17.5	18.1	18.4
3H	17.5	18.1	17.9	18.4	18.7	17.2	17.8	17.6	18.1	18.4
4H	17.6	18.1	18.0	18.5	18.8	17.3	17.9	17.7	18.2	18.6
6H	17.9	18.4	18.3	18.7	19.1	17.6	18.1	18.0	18.5	18.9
8H	18.1	18.6	18.6	19.0	19.4	17.9	18.3	18.3	18.7	19.1
12H	18.4	18.8	18.9	19.2	19.7	18.2	18.6	18.6	19.0	19.4
8H 4H	17.6	18.0	18.0	18.4	18.8	17.3	17.8	17.8	18.2	18.6
6H	18.0	18.4	18.5	18.8	19.3	17.8	18.1	18.2	18.6	19.0
8H	18.4	18.7	18.9	19.2	19.7	18.2	18.5	18.7	19.0	19.5
12H	18.9	19.1	19.4	19.6	20.2	18.6	18.9	19.2	19.4	19.9
12H 4H	17.6	18.0	18.0	18.4	18.8	17.3	17.7	17.8	18.1	18.6
6H	18.1	18.4	18.5	18.8	19.3	17.8	18.2	18.3	18.6	19.1
8H	18.5	18.8	19.0	19.3	19.8	18.3	18.6	18.8	19.1	19.6
Variations with the observer position at spacings:										
S = 1.0H	+ 1.5 / - 2.5					+ 1.5 / - 2.5				
1.5H	+ 2.5 / - 2.6					+ 2.3 / - 2.6				
2.0H	+ 3.4 / - 1.9					+ 3.3 / - 1.8				

CIE Pub.117 Corrected 2209 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.8)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-31

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:0.0930A P:20.10W PF:0.9530 Lamp Flux:2208.71x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

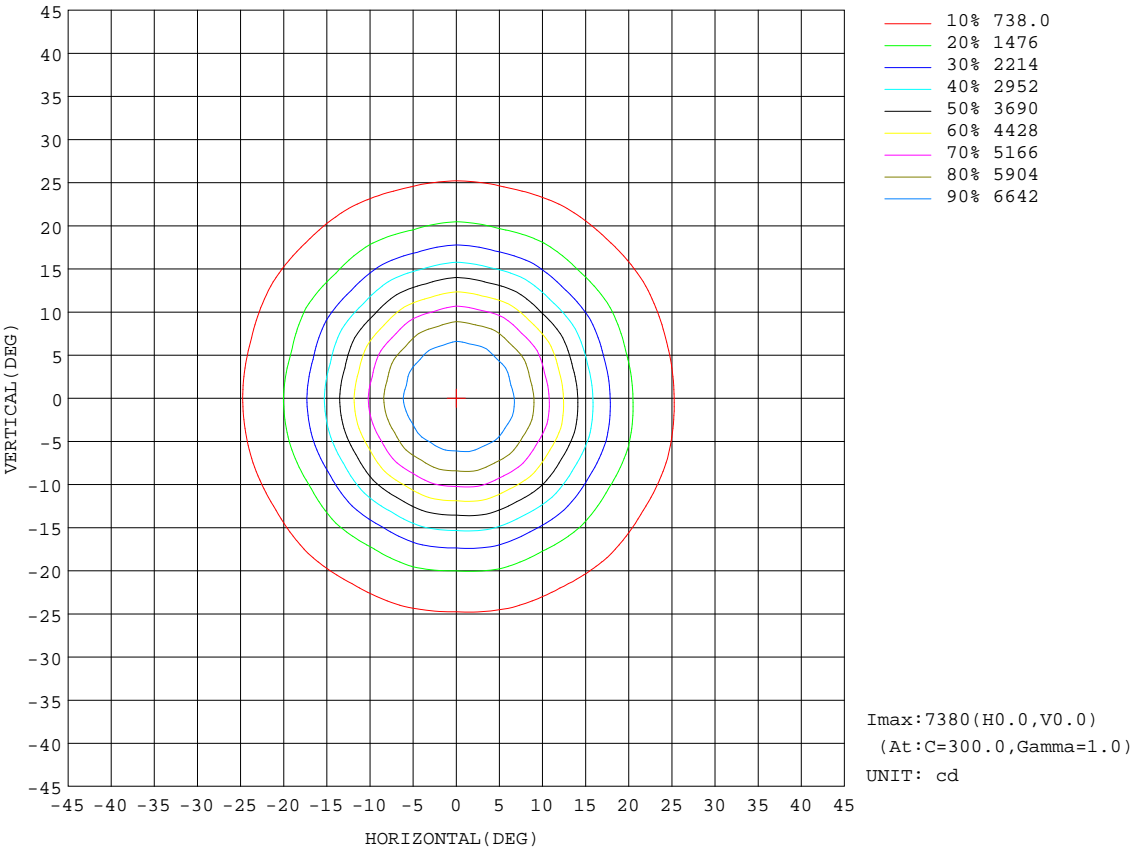
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	87	84	91	86	83	79
1.00	98	92	89	97	92	88	95	91	88	83
1.25	102	97	93	101	96	93	99	95	92	87
1.50	105	100	96	103	99	96	101	97	94	90
2.00	107	103	100	106	102	99	103	100	97	91
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	109	106	103	105	103	101	93
4.00	113	110	108	111	108	106	106	105	103	95
5.00	114	112	110	112	110	108	107	106	104	96
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:2016-08-31

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:0.0930A P:20.10W PF:0.9530 Lamp Flux:2208.7lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



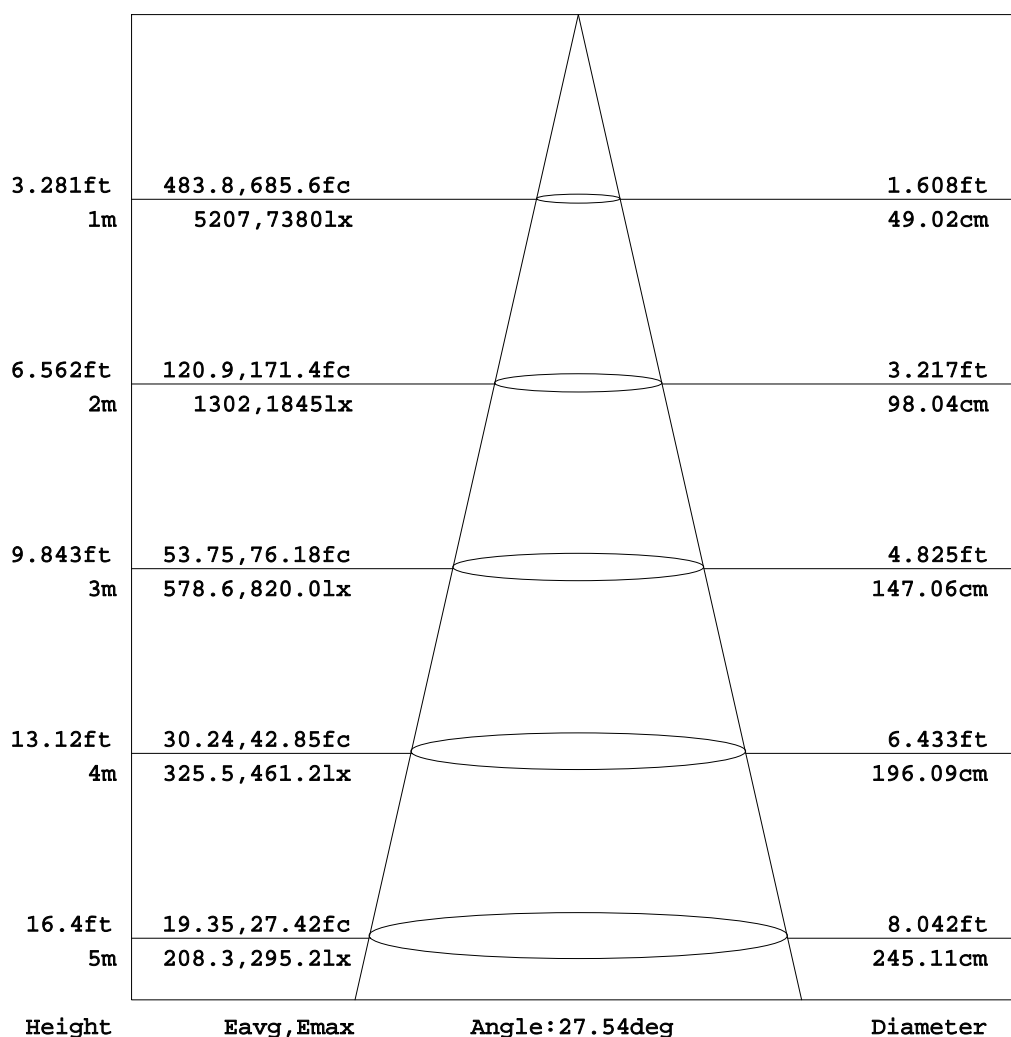
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-31

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:0.0930A P:20.10W PF:0.9530 Lamp Flux:2208.71x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:1017 lm



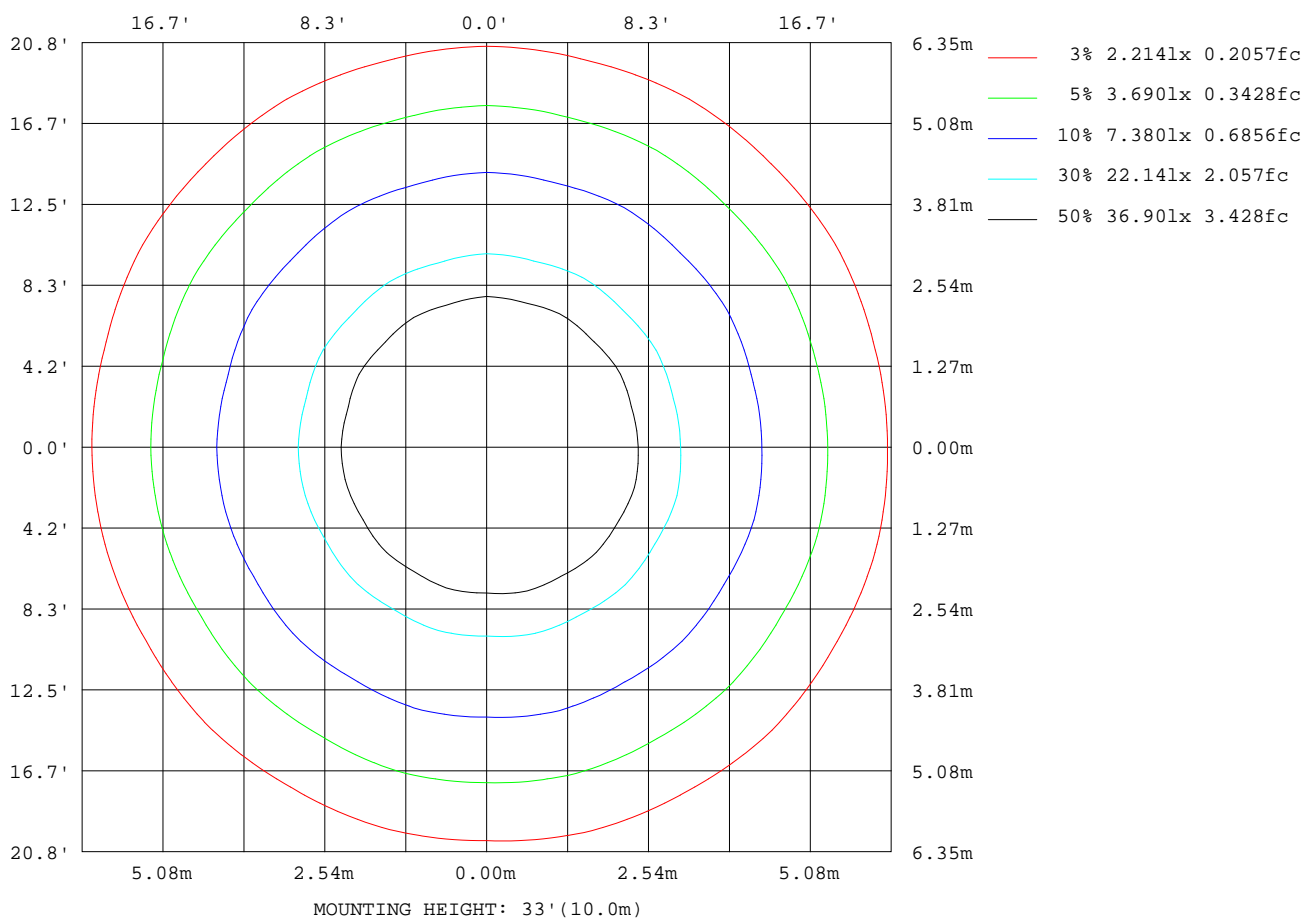
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-31

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

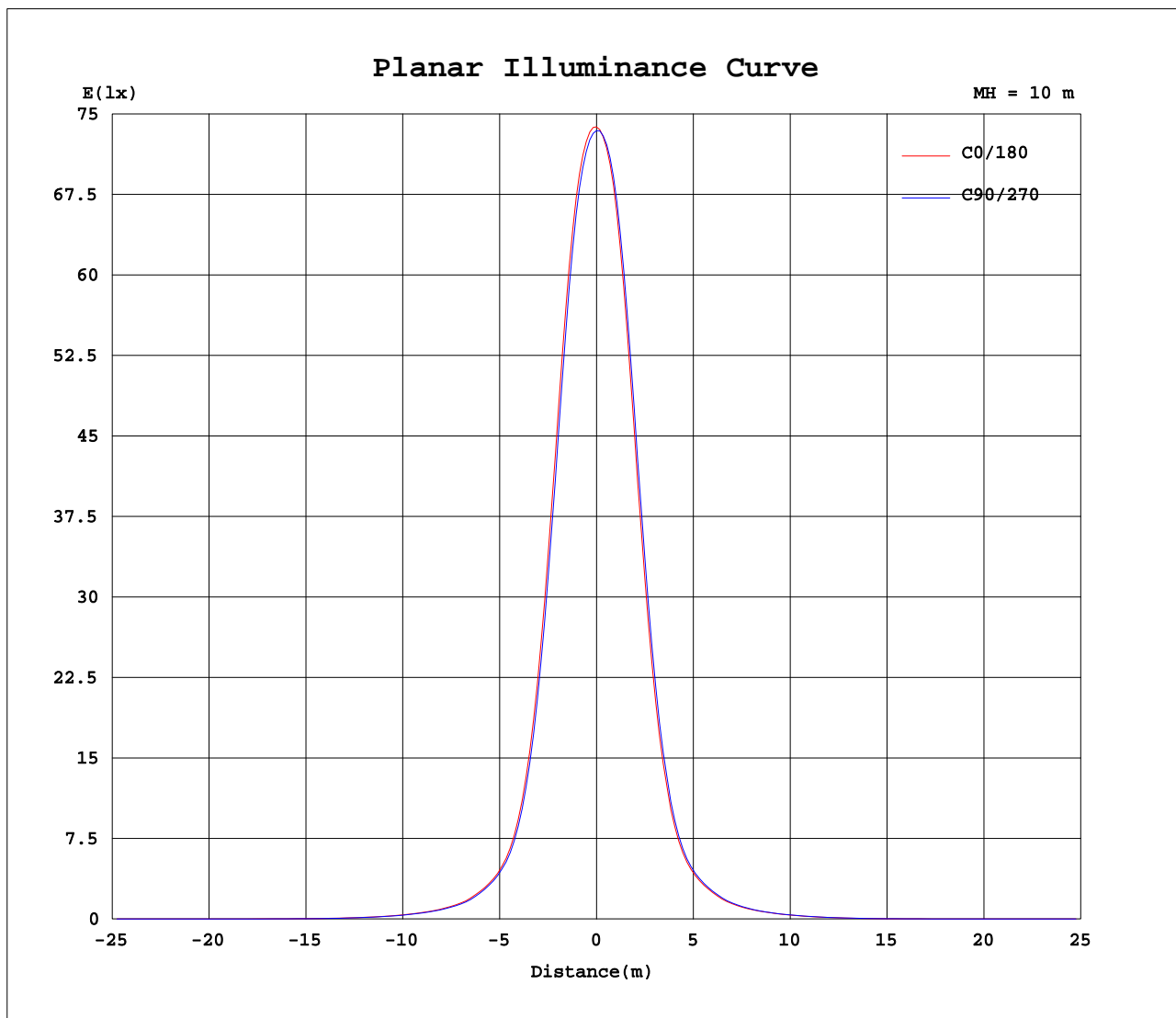
Test:U:226.5V I:0.0930A P:20.10W PF:0.9530 Lamp Flux:2208.7lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-31

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: 2016-08-31

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:0.0930A P:20.10W PF:0.9530 Lamp Flux:2208.71x1 lm																		
NAME:									TYPE:					WEIGHT:				
DIM.:									SPEC.:					SERIAL No.:				
MFR.: Rayconn									SUR.:					PROTECTION ANGLE:				

Table--1

UNIT: cd

C(DEC)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
γ (DEC)	0	7351	7351	7351	7351	7351	7351	7351	7351	7351	7351	7351	7351	7351	7351	7351	7351	7351	7351
5	6996	7017	6982	6992	6946	6948	6897	6907	6866	6892	6860	6891	6888	6857	6913	6899	6960	6947	7000
10	5481	5539	5456	5490	5382	5396	5269	5284	5191	5246	5169	5238	5238	5172	5296	5244	5372	5324	5462
15	3273	3362	3273	3326	3200	3222	3081	3111	3007	3067	2978	3052	3056	2993	3128	3070	3199	3135	3268
20	1583	1650	1576	1628	1538	1571	1478	1514	1434	1482	1413	1473	1479	1427	1528	1475	1566	1500	1592
25	756	773	744	758	730	743	716	723	695	708	686	710	712	706	733	726	750	737	756
30	449	455	445	451	438	441	427	431	420	425	417	426	429	428	442	441	452	445	454
35	271	275	270	273	264	264	256	256	251	255	251	257	259	258	266	266	272	268	273
40	175	177	173	174	169	170	165	165	162	163	161	165	166	165	169	168	171	171	173
45	110	111	108	109	106	107	104	104	101	102	100	104	105	104	107	107	107	107	109
50	62.2	62.7	60.4	60.7	58.9	60.1	57.7	57.8	55.8	56.2	54.9	57.0	57.5	56.9	58.5	57.2	59.1	58.9	60.6
55	28.6	29.2	27.9	27.7	26.4	27.0	26.3	26.7	25.3	25.1	24.3	25.8	26.3	25.7	26.4	24.7	25.9	26.1	27.8
60	11.0	11.2	11.2	11.0	10.0	10.6	10.9	10.8	10.7	10.5	9.82	10.3	10.5	10.4	10.4	10.0	9.17	10.1	10.7
65	9.10	9.63	9.85	9.75	8.15	8.81	9.07	9.44	9.04	8.95	7.87	9.10	8.91	8.82	8.71	7.95	7.79	8.50	8.74
70	7.32	7.33	7.36	7.22	7.34	7.25	7.24	7.22	7.25	7.28	7.44	7.33	7.36	7.46	7.42	7.38	7.42	7.40	7.35
75	7.18	7.18	7.17	7.05	7.15	7.08	7.07	7.07	7.11	7.10	7.30	7.17	7.25	7.36	7.33	7.28	7.35	7.31	7.24
80	7.01	7.00	6.97	6.86	6.94	6.88	6.87	6.86	6.90	6.90	7.07	6.98	7.22	7.35	7.33	7.29	7.35	7.32	7.24
85	5.49	5.63	5.68	5.41	5.63	5.48	5.38	5.37	5.39	5.15	5.52	5.24	5.89	6.03	5.83	5.70	5.82	5.81	5.77
90	4.69	4.75	4.64	4.64	4.56	4.47	4.40	4.38	4.44	4.46	4.59	4.41	5.41	5.45	5.53	5.61	5.64	5.60	5.74
95	4.27	4.24	4.28	4.28	4.25	4.17	4.18	4.11	4.15	4.11	4.33	4.10	5.61	5.66	5.67	5.73	5.70	5.61	5.58
100	4.45	4.55	4.40	4.15	4.57	4.52	4.42	4.41	4.46	3.99	4.60	4.64	6.46	6.52	6.16	5.90	6.30	6.46	6.27
105	5.04	5.17	4.96	4.28	5.09	5.05	4.79	4.75	4.60	4.13	4.55	4.80	6.66	6.72	6.46	6.00	6.46	6.65	6.64
110	4.77	4.83	4.87	4.70	4.91	4.78	4.70	4.65	4.73	4.58	4.68	4.74	6.27	6.29	6.24	6.20	6.26	6.27	6.23
115	5.31	5.34	5.43	5.42	5.46	5.33	5.35	5.30	5.40	5.34	5.39	5.37	6.55	6.58	6.56	6.61	6.57	6.55	6.49
120	6.35	6.36	6.45	6.46	6.49	6.39	6.42	6.37	6.48	6.43	6.47	6.44	7.35	7.40	7.34	7.41	7.34	7.33	7.25
125	7.83	7.82	7.93	7.93	8.00	7.90	7.97	7.92	8.03	7.99	8.03	7.98	8.70	8.75	8.67	8.75	8.65	8.64	8.54
130	9.74	9.72	9.83	9.83	9.91	9.84	9.92	9.88	9.99	9.96	10.0	9.94	10.5	10.6	10.5	10.5	10.4	10.4	10.3
135	11.9	11.8	11.9	11.9	12.0	12.0	12.1	12.0	12.1	12.1	12.2	12.1	12.6	12.6	12.5	12.5	12.4	12.4	12.3
140	13.9	13.9	14.0	14.0	14.1	14.0	14.1	14.1	14.2	14.1	14.2	14.1	14.5	14.5	14.4	14.5	14.4	14.4	14.3
145	15.7	15.6	15.7	15.7	15.7	15.7	15.8	15.8	15.9	15.8	15.9	15.8	16.1	16.1	16.1	16.1	16.0	16.0	16.0
150	16.9	16.8	16.9	16.9	16.9	16.9	17.0	16.9	17.0	17.0	17.0	17.0	17.2	17.2	17.2	17.2	17.1	17.2	17.1
155	17.7	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.8	17.7	17.9	17.9	17.9	17.9	17.9	17.9	17.8
160	18.1	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.3	18.3
165	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.4	18.3	18.3	18.3	18.3	18.3	18.3
170	17.9	17.9	17.8	17.9	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	18.0	17.9	18.0	17.9	18.0	18.0	18.0
175	17.6	17.6	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6
180	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-31

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:0.0930A P:20.10W PF:0.9530 Lamp Flux:2208.71x1 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	7351	7351	7351	7351	7351														
5	6976	7017	6987	7017	6983														
10	5414	5524	5457	5545	5449														
15	3200	3330	3246	3347	3243														
20	1532	1629	1562	1640	1559														
25	743	767	752	772	753														
30	447	456	450	458	450														
35	268	273	270	275	270														
40	171	174	172	175	174														
45	108	110	108	110	109														
50	59.3	61.0	59.4	61.2	60.9														
55	27.1	27.6	26.2	27.3	27.2														
60	10.7	10.7	10.4	9.67	10.3														
65	8.52	8.35	8.15	7.74	8.18														
70	7.32	7.17	7.09	7.00	7.11														
75	7.18	7.06	6.82	6.85	7.03														
80	7.19	7.06	6.77	6.83	7.05														
85	5.83	5.79	5.41	5.64	5.85														
90	5.68	5.66	5.25	5.50	5.62														
95	5.60	5.58	5.56	5.53	5.69														
100	6.34	6.01	5.56	5.83	6.20														
105	6.67	6.39	5.94	6.05	6.71														
110	6.23	6.20	6.04	6.03	6.25														
115	6.52	6.50	6.33	6.38	6.51														
120	7.27	7.22	7.18	7.05	7.20														
125	8.56	8.47	8.44	8.41	8.50														
130	10.3	10.2	10.3	10.2	10.3														
135	12.4	12.3	12.3	12.2	12.3														
140	14.3	14.2	14.3	14.2	14.3														
145	16.0	15.9	15.9	15.9	15.9														
150	17.1	17.1	17.1	17.1	17.1														
155	17.9	17.8	17.9	17.8	17.9														
160	18.3	18.3	18.3	18.3	18.3														
165	18.3	18.4	18.4	18.4	18.4														
170	18.0	18.0	18.0	18.0	18.1														
175	17.6	17.7	17.7	17.7	17.7														
180	17.8	17.8	17.8	17.8	17.8														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-31

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: