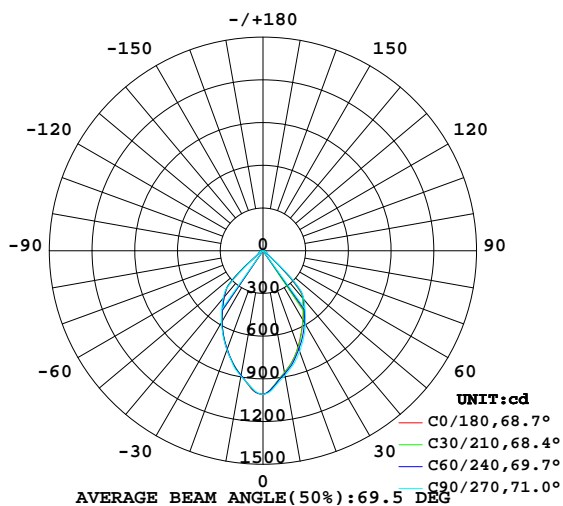


LUMINAIRE PHOTOMETRIC TEST REPORT

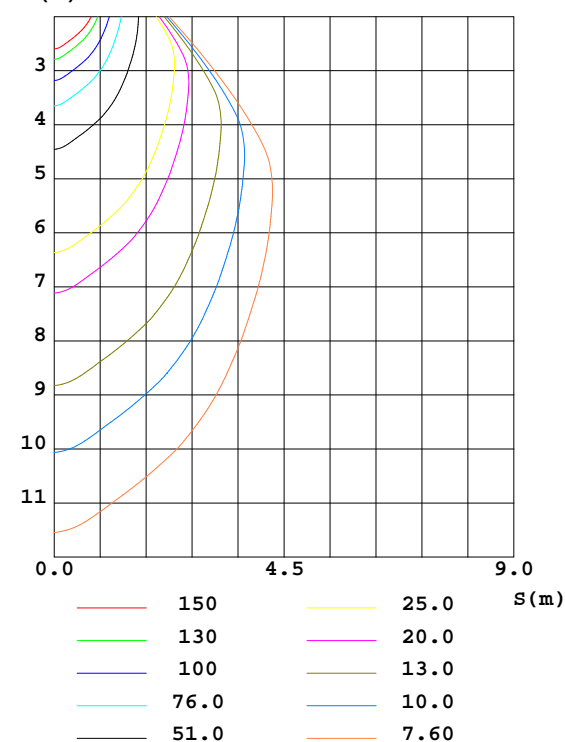
Test:U:226.5V I:0.0650A P:11.90W PF:0.8070 Lamp Flux:1275.17x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.16 lm/W			
MODEL	BL161-12W-830-W-60	Imax(cd)	1010	S/MH(C0/180)	0.88
NOMINAL POWER(W)	12	LOR(%)	100.0	S/MH(C90/270)	0.93
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1275.2	η UP,DN(C0-180)	1.2,49.0
NOMINAL FLUX(lm)	1275.17	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,48.6
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	226.5	η down(%)	97.6	CIBSE SHR MAX	1.05

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	869.1	874.1	890.0	896.5	889.6	886.0	895.0	884.7	0- 10	89.03	89.03	6.98,6.98
20	719.6	731.5	753.1	742.3	741.1	732.4	741.0	709.9	10- 20	228.1	317.1	24.9,24.9
30	561.7	568.4	594.8	569.3	575.3	570.6	584.6	547.1	20- 30	299.4	616.5	48.3,48.3
40	435.8	435.2	446.3	424.9	421.1	426.9	435.7	411.5	30- 40	310.9	927.5	72.7,72.7
50	64.93	64.56	77.37	118.7	133.1	108.8	85.52	70.24	40- 50	223.2	1151	90.2,90.2
60	31.54	32.13	32.65	34.34	35.22	33.95	33.11	31.75	50- 60	41.19	1192	93.5,93.5
70	18.87	19.50	20.24	21.54	21.75	21.32	20.56	19.28	60- 70	26.81	1219	95.6,95.6
80	11.34	11.65	12.34	13.48	13.98	13.71	13.01	12.00	70- 80	17.38	1236	96.9,96.9
90	2.177	2.186	2.185	2.921	3.532	2.455	2.390	2.416	80- 90	8.725	1245	97.6,97.6
100	2.716	2.730	2.686	2.637	2.925	2.950	3.003	3.034	90-100	2.777	1248	97.8,97.8
110	3.451	3.463	3.424	3.354	3.671	3.725	3.768	3.805	100-110	3.381	1251	98.1,98.1
120	4.368	4.363	4.324	4.247	4.550	4.616	4.668	4.703	110-120	3.982	1255	98.4,98.4
130	5.414	5.404	5.362	5.297	5.575	5.637	5.685	5.731	120-130	4.466	1259	98.8,98.8
140	6.463	6.435	6.412	6.364	6.597	6.636	6.681	6.725	130-140	4.662	1264	99.1,99.1
150	7.272	7.242	7.220	7.195	7.311	7.346	7.354	7.414	140-150	4.348	1268	99.5,99.5
160	8.067	8.044	8.038	8.015	8.092	8.113	8.124	8.155	150-160	3.545	1272	99.7,99.7
170	8.834	8.835	8.809	8.777	8.803	8.832	8.841	8.867	160-170	2.385	1274	99.9,99.9
180	9.316	9.359	9.343	9.336	9.323	9.352	9.348	9.339	170-180	0.8620	1275	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

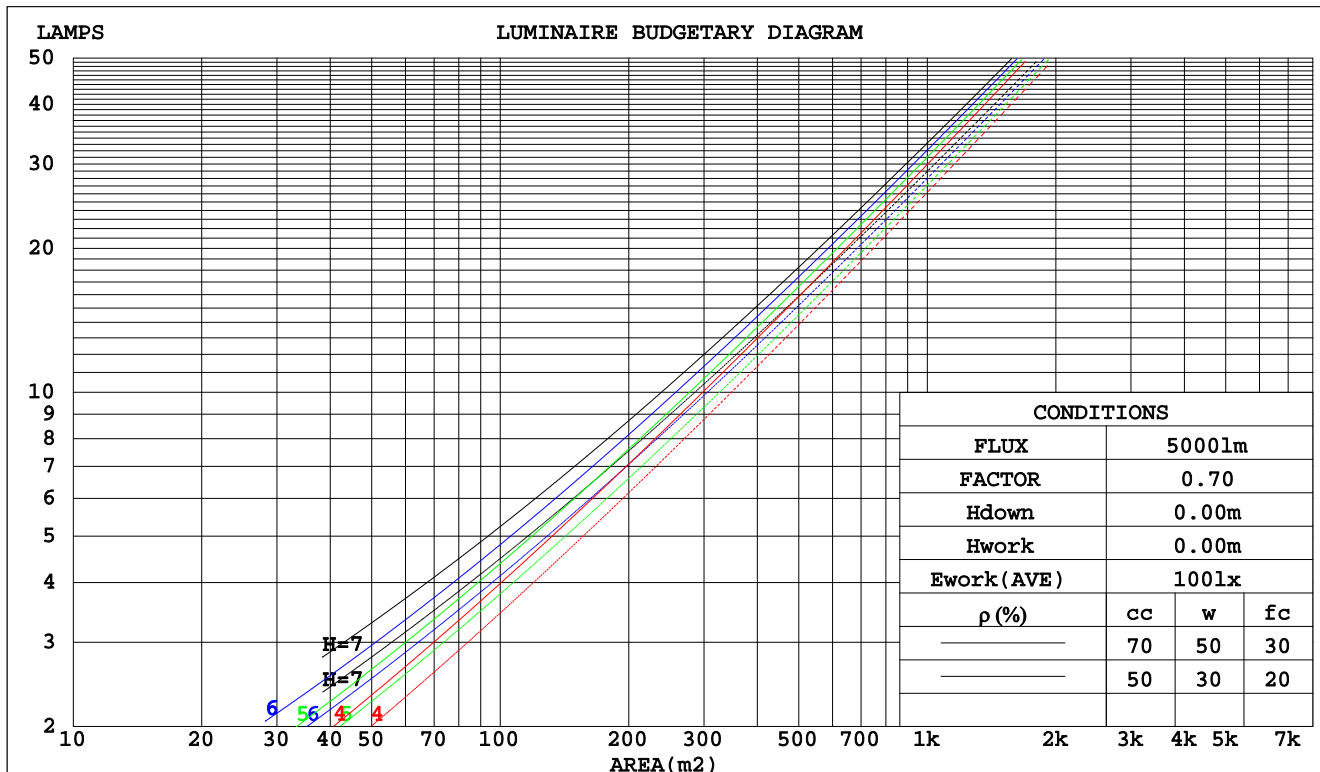
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 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:0.0650A P:11.90W PF:0.8070 Lamp Flux:1275.17x1 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	1.08	1.05	1.02	1.06	1.03	1.00	1.01	.99	.97	.97	.95	.94	.93	.92	.90	.88
2.0	.99	.94	.90	.97	.92	.88	.93	.89	.86	.89	.86	.84	.86	.84	.82	.80
3.0	.90	.84	.79	.88	.83	.78	.85	.81	.77	.83	.79	.75	.80	.77	.74	.72
4.0	.83	.76	.71	.81	.75	.70	.79	.73	.69	.76	.72	.68	.74	.70	.67	.65
5.0	.76	.69	.64	.75	.68	.63	.73	.67	.63	.71	.66	.62	.69	.64	.61	.59
6.0	.70	.63	.58	.69	.62	.58	.67	.61	.57	.65	.60	.56	.64	.59	.56	.54
7.0	.65	.58	.53	.64	.57	.53	.62	.56	.52	.61	.56	.52	.60	.55	.51	.50
8.0	.60	.53	.48	.59	.53	.48	.58	.52	.48	.57	.51	.47	.56	.51	.47	.46
9.0	.56	.49	.45	.55	.49	.44	.54	.48	.44	.53	.48	.44	.52	.47	.44	.42
10.0	.52	.46	.41	.52	.45	.41	.51	.45	.41	.50	.44	.41	.49	.44	.40	.39



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:226.5V I:0.0650A P:11.90W PF:0.8070 Lamp Flux:1275.17x1 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	.218	.124	.039	.211	.120	.038	.197	.113	.036	.184	.106	.034	.172	.100	.032	
2.0	.208	.114	.035	.202	.111	.034	.190	.106	.033	.178	.100	.031	.168	.095	.030	
3.0	.198	.105	.031	.192	.103	.031	.181	.098	.030	.171	.094	.029	.162	.090	.028	
4.0	.187	.097	.029	.182	.095	.028	.173	.092	.027	.164	.088	.027	.156	.085	.026	
5.0	.177	.090	.026	.173	.089	.026	.164	.086	.025	.157	.083	.025	.149	.080	.024	
6.0	.168	.084	.024	.164	.083	.024	.157	.080	.023	.150	.078	.023	.143	.075	.022	
7.0	.159	.079	.022	.156	.078	.022	.149	.075	.022	.143	.073	.021	.137	.071	.021	
8.0	.152	.074	.021	.148	.073	.021	.142	.071	.020	.137	.069	.020	.131	.067	.020	
9.0	.144	.070	.019	.141	.069	.019	.136	.067	.019	.131	.066	.019	.126	.064	.018	
10.0	.138	.066	.018	.135	.065	.018	.130	.064	.018	.125	.062	.018	.121	.061	.017	

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	.192	.175	.160	.165	.150	.138	.113	.103	.095	.065	.060	.055	.021	.019	.018	
2.0	.180	.151	.127	.154	.130	.109	.105	.090	.076	.061	.052	.045	.019	.017	.015	
3.0	.169	.132	.103	.145	.114	.089	.100	.079	.063	.057	.046	.037	.018	.015	.012	
4.0	.160	.118	.086	.137	.102	.075	.095	.071	.053	.055	.042	.031	.018	.014	.010	
5.0	.152	.107	.074	.131	.093	.064	.090	.065	.045	.052	.038	.027	.017	.012	.009	
6.0	.146	.098	.064	.125	.085	.056	.086	.060	.040	.050	.035	.024	.016	.011	.008	
7.0	.139	.091	.057	.120	.079	.050	.083	.055	.035	.048	.033	.021	.016	.011	.007	
8.0	.134	.085	.052	.115	.074	.045	.080	.052	.032	.046	.031	.019	.015	.010	.006	
9.0	.129	.080	.048	.111	.070	.041	.077	.049	.029	.045	.029	.018	.014	.009	.006	
10.0	.124	.076	.044	.107	.066	.039	.074	.046	.027	.043	.027	.016	.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:226.5V I:0.0650A P:11.90W PF:0.8070 Lamp Flux:1275.17x1 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	23.4	24.5	23.7	24.8	25.0	23.8	24.9	24.0	25.1	25.3
	3H	23.4	24.5	23.7	24.7	25.0	23.8	24.8	24.1	25.1	25.3
	4H	23.5	24.4	23.8	24.7	25.0	23.8	24.8	24.1	25.1	25.4
	6H	23.5	24.4	23.9	24.7	25.0	23.9	24.8	24.2	25.1	25.4
	8H	23.6	24.5	23.9	24.8	25.1	23.9	24.8	24.3	25.1	25.5
	12H	23.6	24.5	24.0	24.8	25.1	24.0	24.9	24.4	25.2	25.5
4H	2H	23.2	24.2	23.5	24.5	24.7	23.6	24.5	23.9	24.8	25.1
	3H	23.3	24.2	23.7	24.5	24.8	23.7	24.5	24.0	24.8	25.2
	4H	23.4	24.2	23.8	24.5	24.9	23.8	24.5	24.2	24.9	25.3
	6H	23.6	24.3	24.0	24.7	25.1	24.0	24.6	24.4	25.0	25.4
	8H	23.7	24.3	24.2	24.7	25.2	24.1	24.7	24.5	25.1	25.5
	12H	23.8	24.4	24.3	24.8	25.3	24.2	24.8	24.7	25.2	25.7
8H	4H	23.4	24.0	23.9	24.4	24.9	23.8	24.4	24.2	24.8	25.2
	6H	23.7	24.2	24.2	24.6	25.1	24.0	24.5	24.5	25.0	25.5
	8H	23.9	24.3	24.4	24.8	25.3	24.2	24.7	24.7	25.2	25.7
	12H	24.1	24.5	24.6	25.0	25.5	24.5	24.9	25.0	25.4	25.9
12H	4H	23.4	24.0	23.9	24.4	24.8	23.7	24.3	24.2	24.7	25.2
	6H	23.7	24.2	24.2	24.6	25.1	24.0	24.5	24.5	25.0	25.4
	8H	23.9	24.3	24.5	24.8	25.3	24.3	24.7	24.8	25.2	25.7
Variations with the observer position at spacings:											
S = 1.0H	+ 2.5 / - 3.5					+ 2.4 / - 3.4					
1.5H	+ 2.6 / - 3.9					+ 2.4 / - 4.1					
2.0H	+ 5.3 / - 1.7					+ 5.6 / - 2.2					

CIE Pub.117 Corrected 1275 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.8)

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:226.5V I:0.0650A P:11.90W PF:0.8070 Lamp Flux:1275.17x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

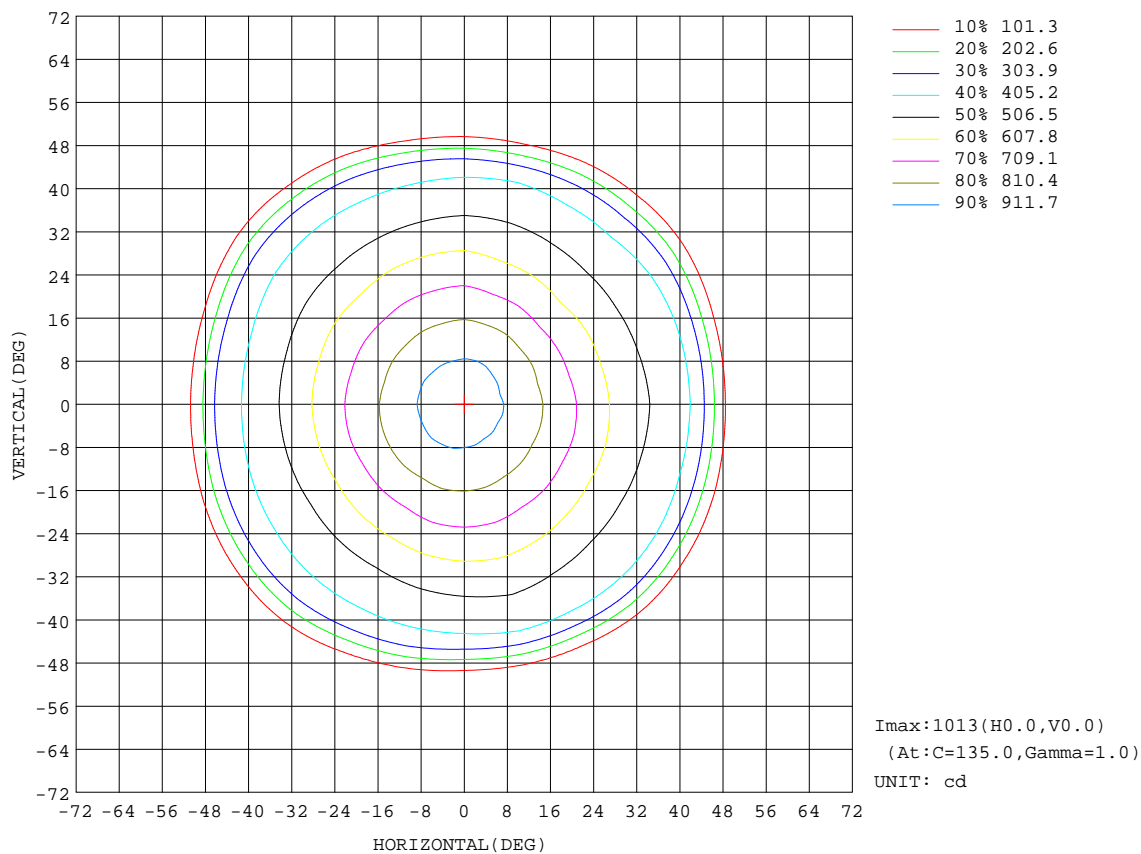
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	75	66	61	74	66	61	73	65	61	56
0.80	84	75	70	83	75	70	81	74	70	65
1.00	90	83	78	89	82	77	87	82	77	71
1.25	96	89	84	94	88	83	92	86	82	77
1.50	99	93	88	98	92	87	95	90	86	80
2.00	103	98	94	102	97	93	98	94	91	84
2.50	106	101	97	104	99	96	100	96	93	86
3.00	108	103	100	106	102	98	102	99	96	88
4.00	111	107	104	108	105	102	104	101	99	91
5.00	112	109	106	110	107	104	105	103	101	92
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:226.5V I:0.0650A P:11.90W PF:0.8070 Lamp Flux:1275.17x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



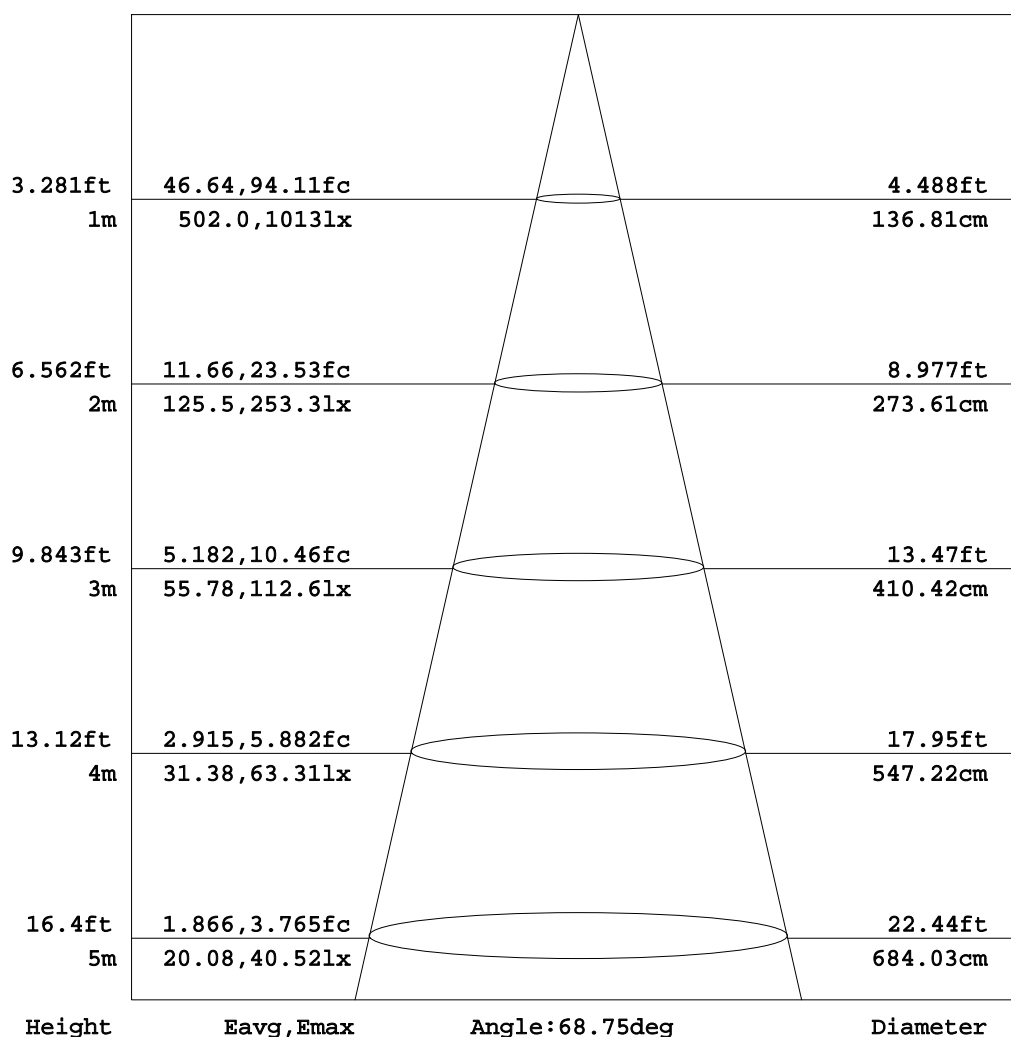
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZhangXiao
 Test Date:2016-08-25

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:226.5V I:0.0650A P:11.90W PF:0.8070 Lamp Flux:1275.17x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:773.2 lm



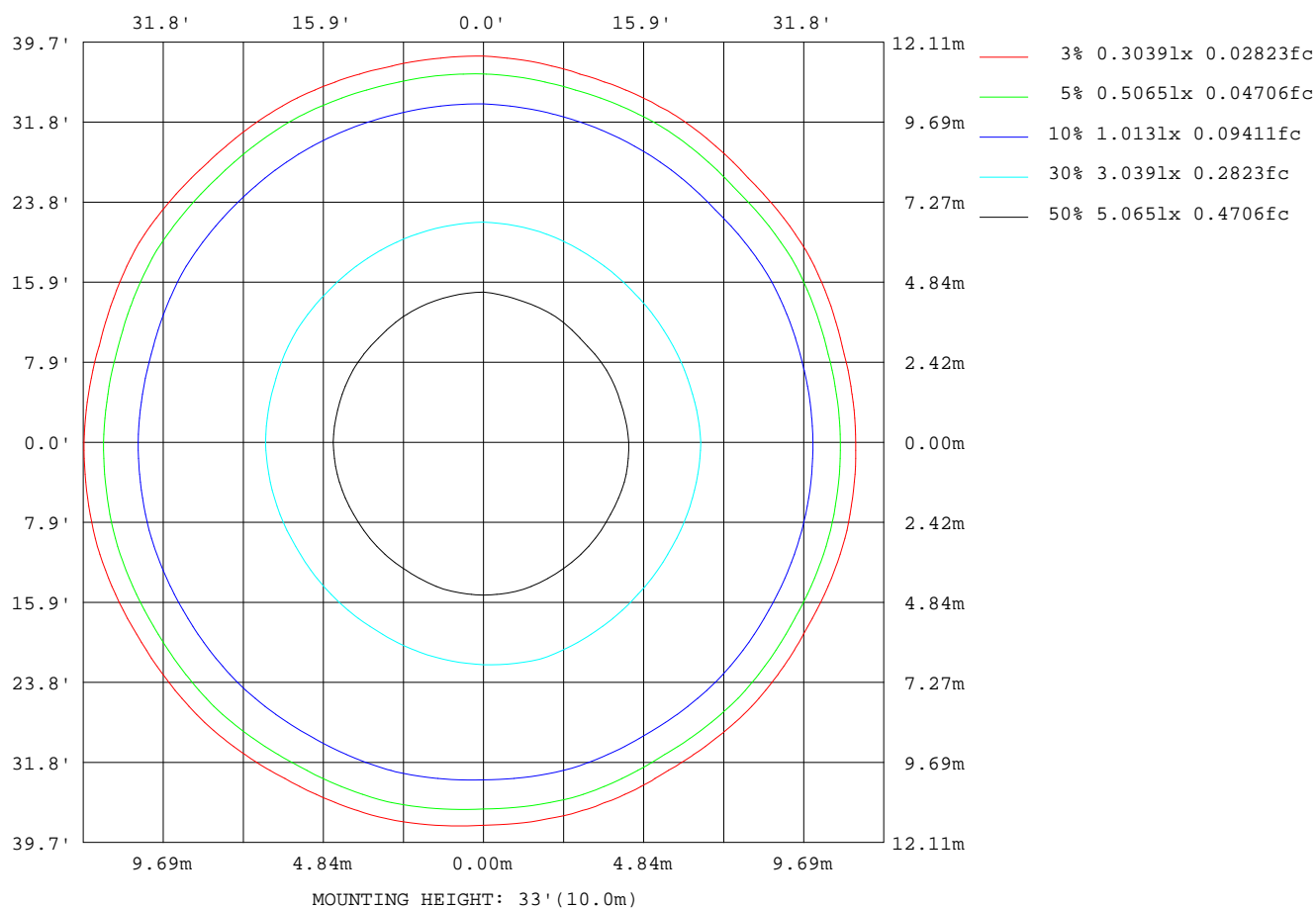
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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

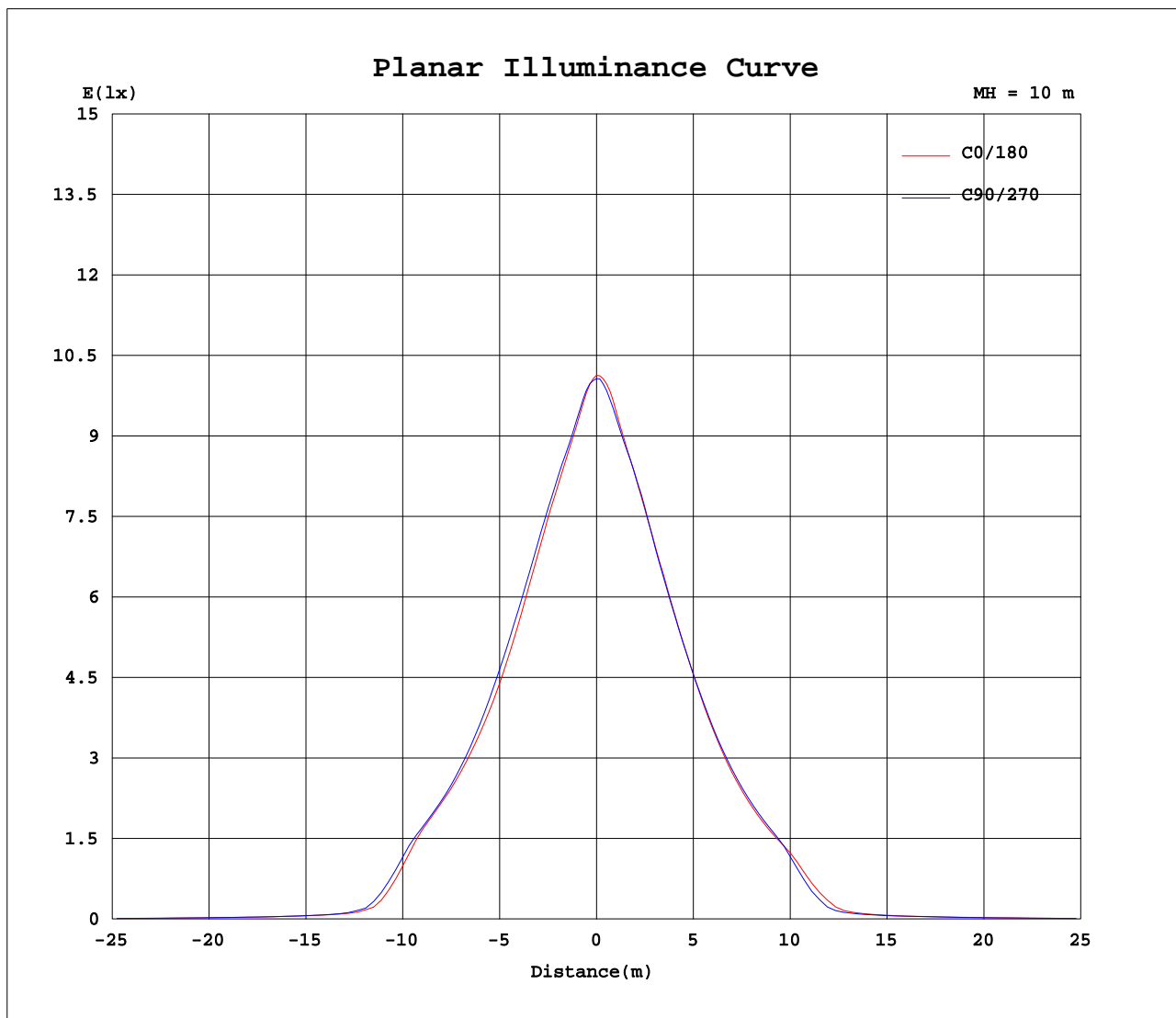
Test:U:226.5V I:0.0650A P:11.90W PF:0.8070 Lamp Flux:1275.17x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:226.5V I:0.0650A P:11.90W PF:0.8070 Lamp Flux:1275.17x1 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	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008
0	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008
5	944	946	943	949	951	957	959	964	969	974	971	973	970	966	967	962	964	960	962
10	869	869	869	874	879	886	890	893	894	897	895	894	890	886	889	886	888	888	895
15	800	803	803	811	814	823	826	828	823	828	824	824	817	813	816	816	819	819	824
20	720	723	723	731	736	748	753	752	740	742	742	746	741	735	736	732	735	736	741
25	636	642	641	650	660	673	675	672	661	658	653	660	659	656	655	651	658	660	663
30	562	561	561	568	580	596	595	586	572	569	565	574	575	573	574	571	577	580	585
35	497	492	490	494	507	524	517	508	495	491	486	493	493	492	496	494	496	501	507
40	436	429	433	435	444	455	446	436	429	425	421	424	421	421	427	427	426	429	436
45	279	284	289	306	309	330	327	343	341	350	350	352	348	345	354	347	342	334	329
50	64.9	60.9	66.9	64.6	73.6	73.9	77.4	94.0	101	119	121	136	133	120	129	109	105	90.7	85.5
55	38.0	38.5	38.5	39.1	38.8	39.4	39.8	41.1	41.8	43.6	44.3	45.7	45.8	44.7	44.6	43.2	43.0	41.7	41.0
60	31.5	31.9	31.8	32.1	32.0	32.6	32.6	33.2	33.5	34.3	34.7	35.3	35.2	34.6	34.5	33.9	33.8	33.3	33.1
65	25.6	26.1	26.0	26.5	26.5	27.6	27.9	28.3	28.2	28.7	28.9	29.5	29.4	29.0	29.0	28.7	28.6	28.2	28.0
70	18.9	19.1	19.1	19.5	19.6	20.1	20.2	20.8	21.0	21.5	21.5	21.8	21.7	21.5	21.7	21.3	21.2	20.7	20.6
75	15.0	15.1	15.1	15.4	15.5	16.1	16.4	16.9	17.1	17.6	17.7	17.9	18.0	17.8	17.8	17.5	17.3	16.9	16.7
80	11.3	11.4	11.4	11.6	11.8	12.1	12.3	12.8	13.0	13.5	13.6	13.8	14.0	13.9	14.0	13.7	13.6	13.2	13.0
85	6.78	6.94	6.86	7.35	7.53	8.13	8.36	8.93	9.14	9.69	9.78	10.2	10.4	10.2	10.3	9.89	9.76	8.92	8.33
90	2.18	2.19	2.18	2.19	2.17	2.17	2.19	2.39	2.48	2.92	3.03	3.51	3.53	3.08	2.89	2.45	2.45	2.40	2.39
95	2.42	2.44	2.42	2.43	2.42	2.41	2.39	2.38	2.36	2.35	2.33	2.33	2.61	2.60	2.61	2.62	2.64	2.65	2.67
100	2.72	2.73	2.73	2.73	2.72	2.71	2.69	2.67	2.65	2.64	2.62	2.61	2.92	2.93	2.94	2.95	2.97	2.99	3.00
105	3.07	3.08	3.08	3.08	3.08	3.06	3.04	3.02	3.00	2.98	2.95	2.94	3.28	3.29	3.31	3.32	3.34	3.36	3.38
110	3.45	3.46	3.47	3.46	3.46	3.45	3.42	3.40	3.39	3.35	3.33	3.33	3.67	3.69	3.70	3.72	3.74	3.76	3.77
115	3.89	3.89	3.90	3.89	3.89	3.87	3.85	3.82	3.81	3.78	3.76	3.74	4.09	4.11	4.13	4.15	4.16	4.19	4.21
120	4.37	4.37	4.38	4.36	4.36	4.34	4.32	4.29	4.27	4.25	4.23	4.21	4.55	4.57	4.59	4.62	4.63	4.65	4.67
125	4.88	4.87	4.89	4.87	4.87	4.85	4.83	4.80	4.79	4.76	4.74	4.72	5.05	5.07	5.09	5.11	5.13	5.15	5.16
130	5.41	5.41	5.42	5.40	5.40	5.38	5.36	5.33	5.33	5.30	5.28	5.26	5.57	5.60	5.61	5.64	5.65	5.67	5.69
135	5.95	5.94	5.95	5.93	5.93	5.91	5.90	5.86	5.86	5.84	5.82	5.80	6.11	6.12	6.13	6.15	6.17	6.19	6.20
140	6.46	6.45	6.46	6.43	6.43	6.42	6.41	6.38	6.39	6.36	6.34	6.34	6.60	6.61	6.62	6.64	6.65	6.67	6.68
145	6.90	6.89	6.88	6.88	6.87	6.86	6.86	6.84	6.84	6.83	6.80	6.79	7.00	7.01	7.02	7.03	7.04	7.05	7.06
150	7.27	7.26	7.26	7.24	7.24	7.23	7.22	7.20	7.21	7.20	7.18	7.16	7.31	7.32	7.34	7.35	7.34	7.35	7.35
155	7.68	7.67	7.67	7.65	7.65	7.62	7.63	7.60	7.62	7.60	7.58	7.57	7.69	7.70	7.72	7.72	7.71	7.72	7.72
160	8.07	8.06	8.07	8.04	8.05	8.03	8.04	8.02	8.03	8.02	8.00	7.97	8.09	8.10	8.11	8.11	8.11	8.12	8.12
165	8.45	8.45	8.45	8.45	8.44	8.43	8.43	8.40	8.42	8.40	8.39	8.35	8.45	8.47	8.48	8.49	8.48	8.48	8.49
170	8.83	8.82	8.82	8.84	8.83	8.81	8.81	8.78	8.79	8.78	8.74	8.73	8.80	8.81	8.83	8.83	8.83	8.83	8.84
175	9.14	9.16	9.16	9.18	9.17	9.15	9.15	9.13	9.13	9.12	9.09	9.08	9.11	9.11	9.14	9.14	9.14	9.14	9.15
180	9.32	9.34	9.34	9.36	9.35	9.36	9.34	9.34	9.35	9.34	9.31	9.31	9.32	9.32	9.35	9.35	9.35	9.34	9.35

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:226.5V I:0.0650A P:11.90W PF:0.8070 Lamp Flux:1275.17x1 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	1008	1008	1008	1008	1008													
5	956	956	949	948	943													
10	892	892	885	878	872													
15	816	815	805	803	798													
20	727	722	710	711	712													
25	645	638	623	628	631													
30	569	557	547	550	554													
35	501	489	479	479	490													
40	438	420	412	422	429													
45	311	295	275	284	275													
50	73.2	70.5	70.2	62.7	64.4													
55	39.5	39.2	38.5	38.3	37.8													
60	32.4	32.2	31.7	31.6	31.4													
65	27.1	26.7	25.9	25.8	25.5													
70	20.0	19.8	19.3	19.1	18.9													
75	16.2	16.0	15.6	15.5	15.1													
80	12.6	12.4	12.0	11.8	11.6													
85	7.50	7.21	6.90	7.24	6.94													
90	2.40	2.41	2.42	2.43	2.42													
95	2.67	2.69	2.69	2.70	2.71													
100	3.01	3.03	3.03	3.04	3.04													
105	3.39	3.39	3.40	3.40	3.40													
110	3.79	3.79	3.80	3.79	3.81													
115	4.22	4.23	4.23	4.22	4.23													
120	4.69	4.69	4.70	4.69	4.69													
125	5.18	5.19	5.21	5.20	5.20													
130	5.71	5.72	5.73	5.73	5.73													
135	6.23	6.23	6.25	6.23	6.25													
140	6.69	6.71	6.72	6.71	6.71													
145	7.07	7.09	7.09	7.08	7.09													
150	7.38	7.39	7.41	7.40	7.41													
155	7.75	7.76	7.78	7.78	7.79													
160	8.12	8.14	8.15	8.14	8.17													
165	8.50	8.50	8.51	8.50	8.51													
170	8.85	8.86	8.87	8.84	8.85													
175	9.15	9.17	9.17	9.14	9.15													
180	9.34	9.35	9.34	9.32	9.31													

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: