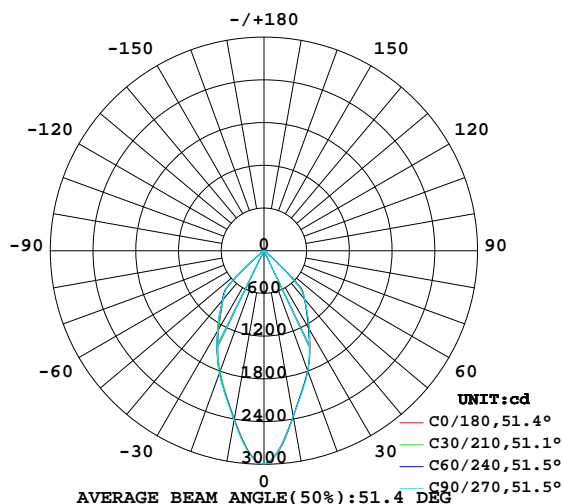


LUMINAIRE PHOTOMETRIC TEST REPORT

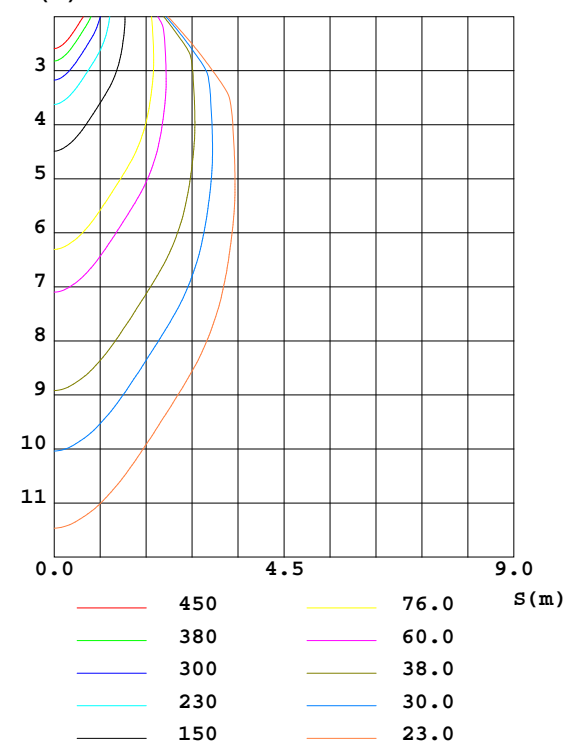
Test:U:226.5V I:0.1250A P:27.30W PF:0.9590 Lamp Flux:2863x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 104.87 lm/W			
MODEL	BL181-28W-830-W-60	Imax(cd)	2995	S/MH(C0/180)	0.73
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.73
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2863.0	η UP,DN(C0-180)	1.2,48.0
NOMINAL FLUX(lm)	2863	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,49.5
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	226.5	η down(%)	97.5	CIBSE SHR MAX	0.75

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:2016-09-14

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	2373	2371	2368	2382	2401	2391	2419	2393	0- 10	251.9	251.9	8.8,8.8
20	1799	1801	1802	1796	1811	1802	1835	1817	10- 20	581.0	832.8	29.1,29.1
30	1275	1258	1267	1266	1274	1284	1307	1243	20- 30	702.7	1536	53.6,53.6
40	884.7	896.1	885.9	868.0	892.7	908.7	899.1	899.3	30- 40	665.5	2201	76.9,76.9
50	97.53	92.64	86.37	90.16	99.80	109.2	181.0	116.9	40- 50	462.5	2664	93,93
60	45.10	45.90	44.45	45.13	45.76	45.57	46.56	45.84	50- 60	53.46	2717	94.9,94.9
70	29.27	28.81	28.28	28.39	29.39	30.16	31.61	30.57	60- 70	37.48	2755	96.2,96.2
80	17.45	16.92	16.60	16.72	17.63	18.27	18.75	18.43	70- 80	23.36	2778	97,97
90	5.070	5.048	5.082	5.046	5.635	5.685	6.249	5.700	80- 90	14.55	2792	97.5,97.5
100	6.093	6.137	6.186	6.143	6.913	6.842	6.800	6.836	90-100	6.401	2799	97.8,97.8
110	7.705	7.762	7.831	7.759	8.573	8.501	8.451	8.503	100-110	7.692	2807	98,98
120	9.847	9.894	9.988	9.901	10.64	10.57	10.50	10.57	110-120	9.063	2816	98.3,98.3
130	12.44	12.49	12.57	12.50	13.13	13.04	12.98	13.06	120-130	10.28	2826	98.7,98.7
140	15.13	15.19	15.27	15.21	15.69	15.59	15.54	15.61	130-140	10.88	2837	99.1,99.1
150	17.19	17.20	17.26	17.25	17.47	17.37	17.38	17.43	140-150	10.31	2847	99.4,99.4
160	18.91	18.92	18.97	18.95	19.10	18.99	18.97	19.01	150-160	8.373	2855	99.7,99.7
170	20.48	20.50	20.53	20.52	20.60	20.49	20.48	20.49	160-170	5.576	2861	99.9,99.9
180	21.67	21.68	21.66	21.68	21.73	21.64	21.68	21.66	170-180	2.002	2863	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

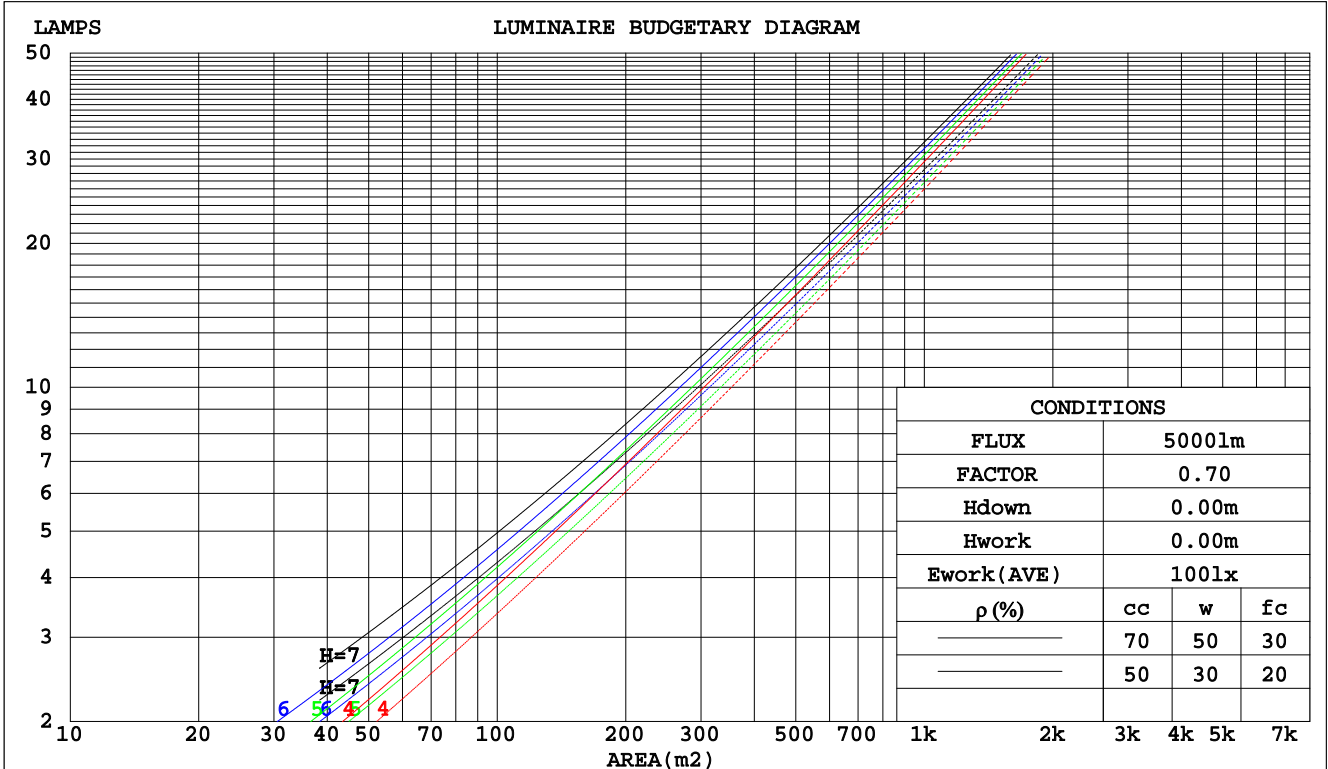
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-09-14

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:0.1250A P:27.30W PF:0.9590 Lamp Flux:2863x1 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	1.06	1.03	1.06	1.04	1.01	1.02	.00	.98	.98	.96	.94	.94	.92	.91	.89
2.0	.00	.95	.91	.98	.94	.90	.94	.91	.88	.91	.88	.85	.88	.85	.83	.81
3.0	.92	.86	.82	.90	.85	.81	.87	.83	.79	.84	.81	.78	.82	.79	.76	.74
4.0	.85	.78	.74	.83	.77	.73	.81	.76	.72	.78	.74	.71	.76	.73	.70	.68
5.0	.78	.72	.67	.77	.71	.66	.75	.70	.66	.73	.68	.65	.71	.67	.64	.62
6.0	.73	.66	.61	.72	.65	.61	.70	.64	.60	.68	.63	.59	.66	.62	.59	.57
7.0	.68	.61	.56	.67	.60	.56	.65	.59	.55	.64	.59	.55	.62	.58	.54	.53
8.0	.63	.56	.52	.62	.56	.52	.61	.55	.51	.60	.54	.51	.58	.54	.50	.49
9.0	.59	.52	.48	.58	.52	.48	.57	.51	.47	.56	.51	.47	.55	.50	.47	.45
10.0	.55	.49	.45	.55	.49	.44	.54	.48	.44	.53	.48	.44	.52	.47	.44	.42



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-09-14

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:0.1250A P:27.30W PF:0.9590 Lamp Flux:2863x1 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	.206	.117	.037	.198	.113	.036	.184	.105	.034	.171	.099	.032	.159	.092	.030		
2.0	.196	.108	.033	.190	.105	.032	.178	.099	.031	.167	.093	.029	.156	.088	.028		
3.0	.187	.099	.030	.181	.097	.029	.170	.092	.028	.161	.088	.027	.152	.084	.026		
4.0	.177	.092	.027	.172	.090	.027	.163	.086	.026	.154	.083	.025	.146	.079	.024		
5.0	.168	.086	.025	.164	.084	.024	.156	.081	.024	.148	.078	.023	.141	.075	.023		
6.0	.160	.080	.023	.156	.079	.023	.149	.076	.022	.142	.074	.022	.135	.071	.021		
7.0	.152	.075	.021	.149	.074	.021	.142	.072	.021	.136	.070	.020	.130	.068	.020		
8.0	.145	.071	.020	.142	.070	.020	.136	.068	.019	.130	.066	.019	.125	.064	.019		
9.0	.138	.067	.019	.135	.066	.019	.130	.064	.018	.125	.063	.018	.120	.061	.018		
10.0	.132	.063	.018	.129	.062	.017	.124	.061	.017	.120	.060	.017	.116	.058	.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	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.192	.176	.162	.164	.151	.139	.112	.104	.096	.065	.060	.056	.021	.019	.018	
2.0	.179	.151	.129	.153	.130	.111	.105	.090	.078	.060	.052	.045	.019	.017	.015	
3.0	.168	.133	.105	.144	.115	.091	.099	.080	.064	.057	.047	.038	.018	.015	.012	
4.0	.158	.119	.088	.136	.103	.077	.093	.071	.054	.054	.042	.032	.017	.014	.011	
5.0	.150	.107	.076	.129	.093	.066	.089	.065	.047	.052	.038	.028	.017	.012	.009	
6.0	.143	.098	.066	.123	.085	.058	.085	.060	.041	.049	.035	.024	.016	.011	.008	
7.0	.137	.091	.059	.118	.079	.051	.082	.055	.036	.047	.033	.022	.015	.011	.007	
8.0	.132	.085	.053	.113	.074	.047	.078	.052	.033	.046	.031	.020	.015	.010	.007	
9.0	.126	.080	.049	.109	.070	.043	.075	.049	.030	.044	.029	.018	.014	.009	.006	
10.0	.122	.076	.045	.105	.066	.040	.073	.046	.028	.042	.027	.017	.014	.009	.006	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-09-14

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:0.1250A P:27.30W PF:0.9590 Lamp Flux:2863x1 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	21.4	22.4	21.6	22.7	22.9	21.2	22.3	21.4	22.5	22.7	
	3H	21.3	22.3	21.6	22.5	22.8	21.1	22.1	21.4	22.3	22.6
	4H	21.3	22.2	21.6	22.4	22.7	21.1	22.0	21.4	22.3	22.5
	6H	21.2	22.1	21.6	22.4	22.7	21.0	21.9	21.4	22.2	22.5
	8H	21.3	22.1	21.6	22.4	22.7	21.1	21.9	21.4	22.2	22.5
	12H	21.3	22.1	21.7	22.4	22.7	21.1	21.9	21.5	22.2	22.5
4H	2H	21.1	22.1	21.5	22.3	22.6	20.9	21.9	21.3	22.1	22.4
	3H	21.1	21.9	21.5	22.2	22.5	20.9	21.7	21.3	22.0	22.4
	4H	21.1	21.8	21.5	22.2	22.5	20.9	21.6	21.3	22.0	22.3
	6H	21.1	21.8	21.6	22.2	22.6	20.9	21.6	21.4	22.0	22.4
	8H	21.2	21.8	21.6	22.2	22.6	21.0	21.6	21.4	22.0	22.4
	12H	21.3	21.8	21.8	22.3	22.7	21.1	21.6	21.6	22.1	22.5
8H	4H	21.0	21.6	21.4	22.0	22.4	20.8	21.4	21.3	21.8	22.2
	6H	21.1	21.6	21.6	22.0	22.5	20.9	21.4	21.4	21.8	22.3
	8H	21.2	21.7	21.7	22.1	22.6	21.0	21.5	21.5	21.9	22.4
	12H	21.4	21.8	22.0	22.3	22.8	21.2	21.6	21.7	22.1	22.6
12H	4H	21.0	21.5	21.4	21.9	22.4	20.8	21.3	21.2	21.7	22.2
	6H	21.1	21.5	21.6	22.0	22.5	20.9	21.3	21.4	21.8	22.3
	8H	21.3	21.6	21.8	22.1	22.6	21.1	21.4	21.6	21.9	22.4
Variations with the observer position at spacings:											
S = 1.0H	+ 2.7 / - 5.1					+ 2.7 / - 5.2					
1.5H	+ 2.8 / - 6.1					+ 2.8 / - 6.0					
2.0H	+ 7.0 / - 3.9					+ 6.6 / - 3.2					

CIE Pub.117 Corrected 2863 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.7)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-09-14

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:0.1250A P:27.30W PF:0.9590 Lamp Flux:2863x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

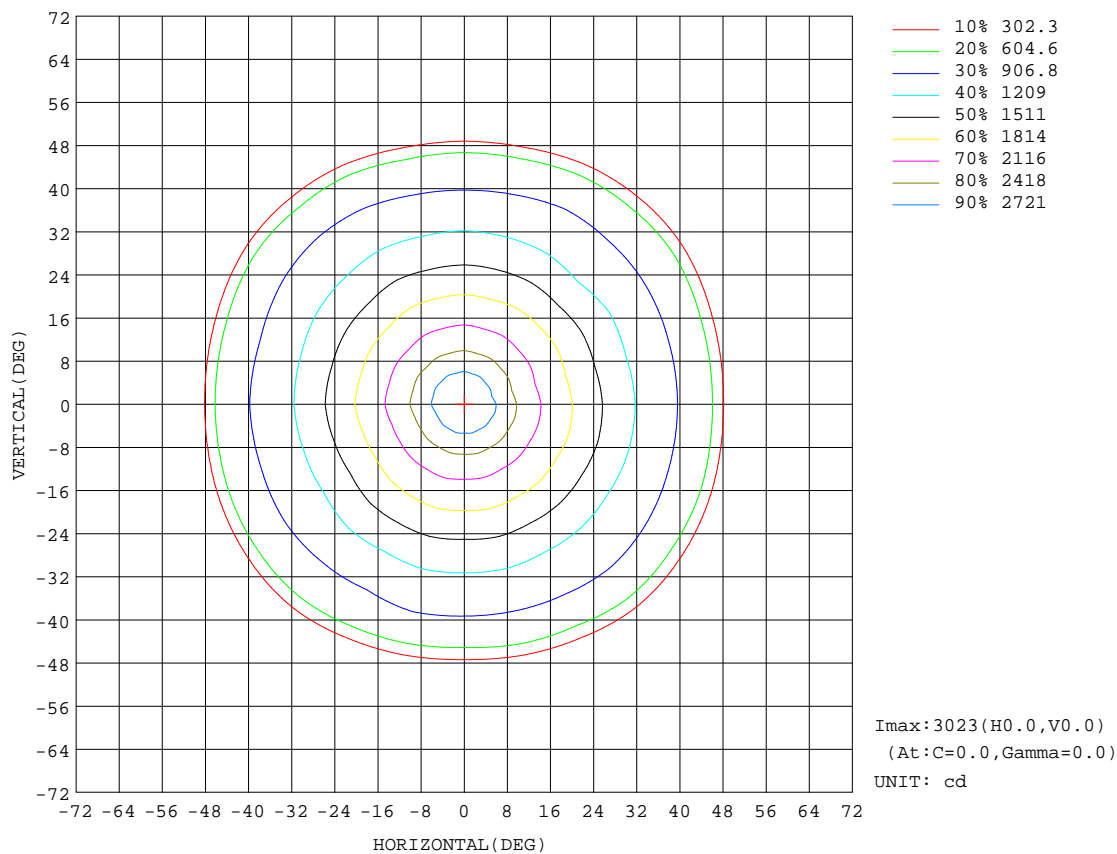
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	77	69	64	76	69	64	75	68	64	59
0.80	86	78	74	85	78	73	83	77	73	68
1.00	92	85	80	91	84	80	89	84	79	74
1.25	97	91	86	96	90	86	94	88	85	79
1.50	101	95	90	99	94	90	96	92	88	83
2.00	105	99	95	103	98	94	100	96	93	86
2.50	107	102	98	105	100	97	101	98	95	88
3.00	109	104	101	107	103	100	103	100	97	90
4.00	111	108	105	109	106	103	105	102	100	92
5.00	113	110	107	110	107	105	106	104	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:2016-09-14

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:0.1250A P:27.30W PF:0.9590 Lamp Flux:2863x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



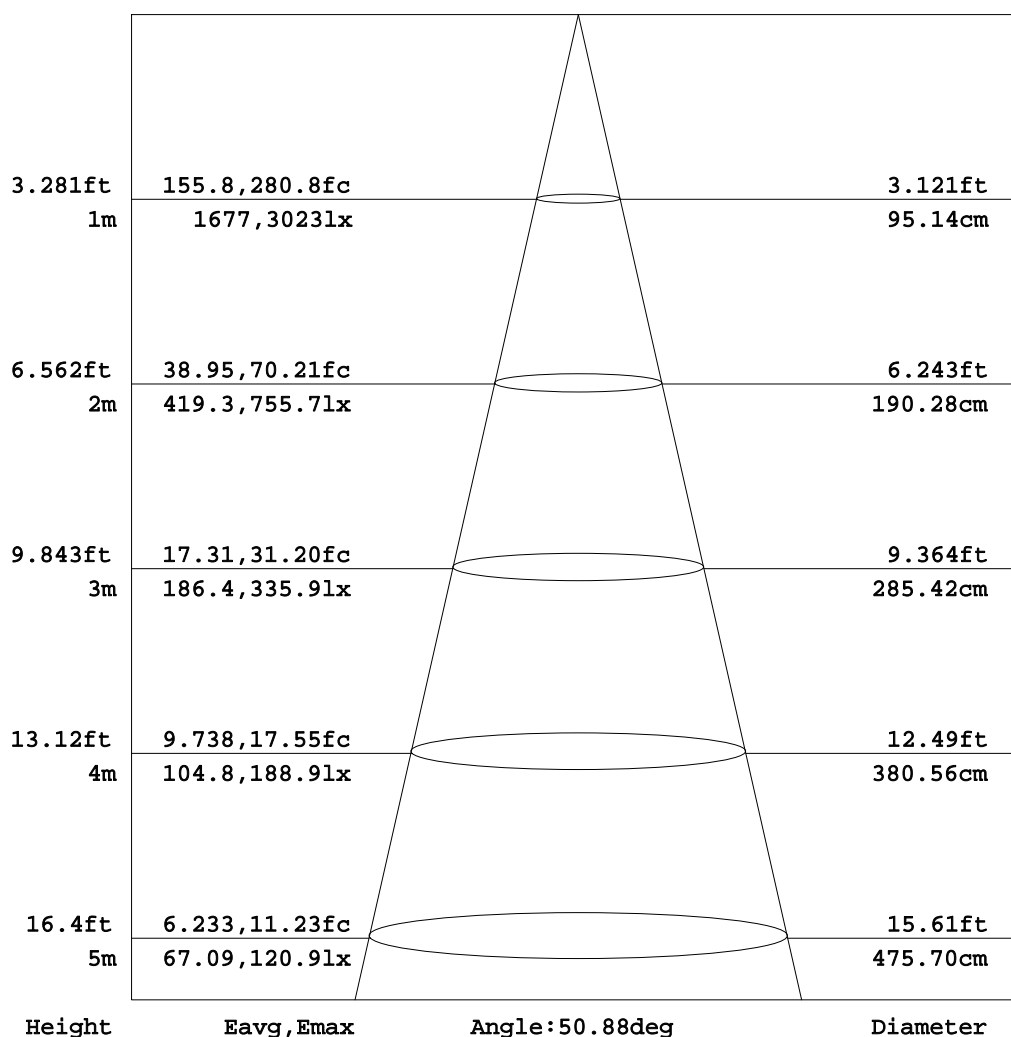
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-09-14

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:0.1250A P:27.30W PF:0.9590 Lamp Flux:2863x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:1253 lm



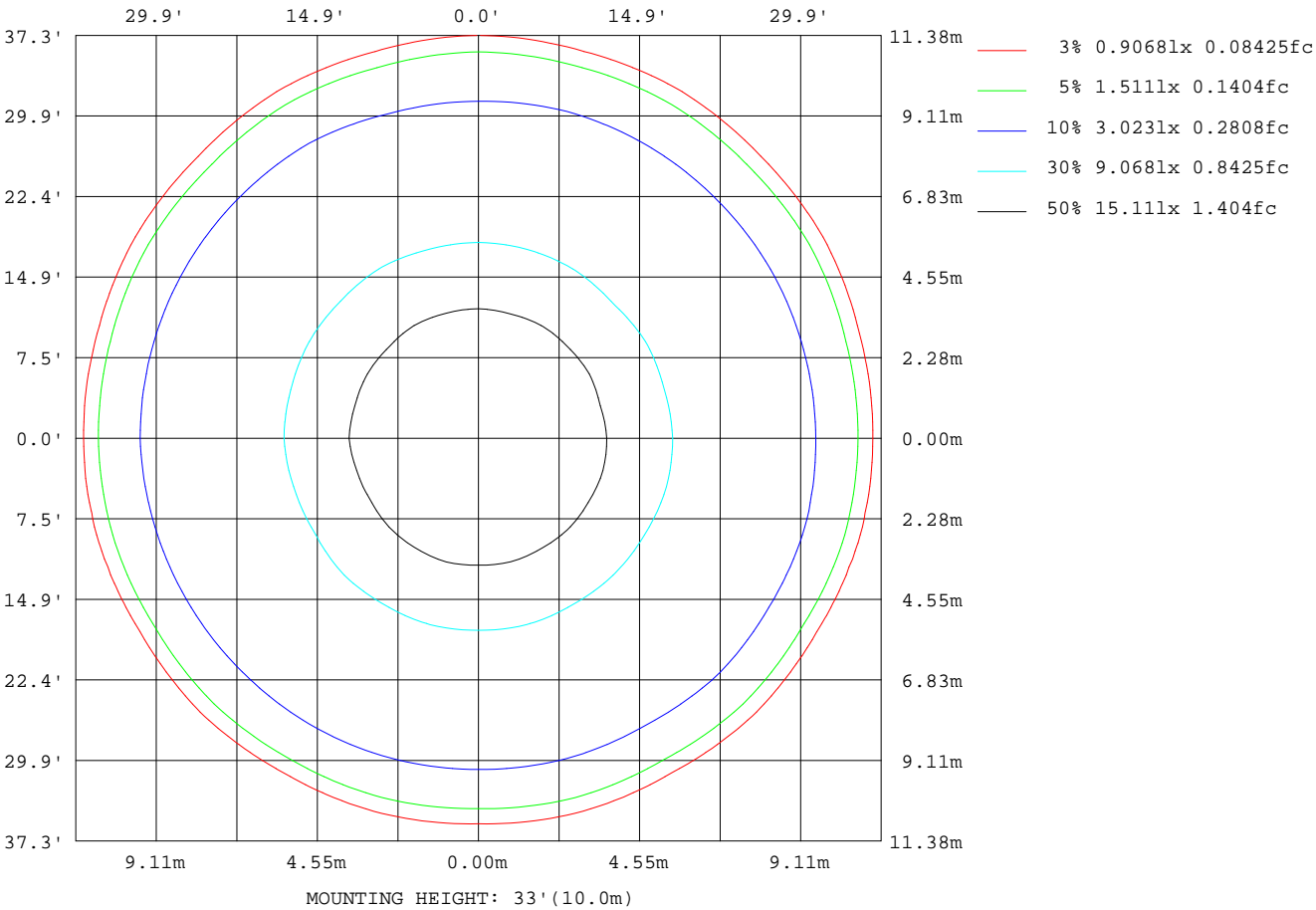
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-09-14

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

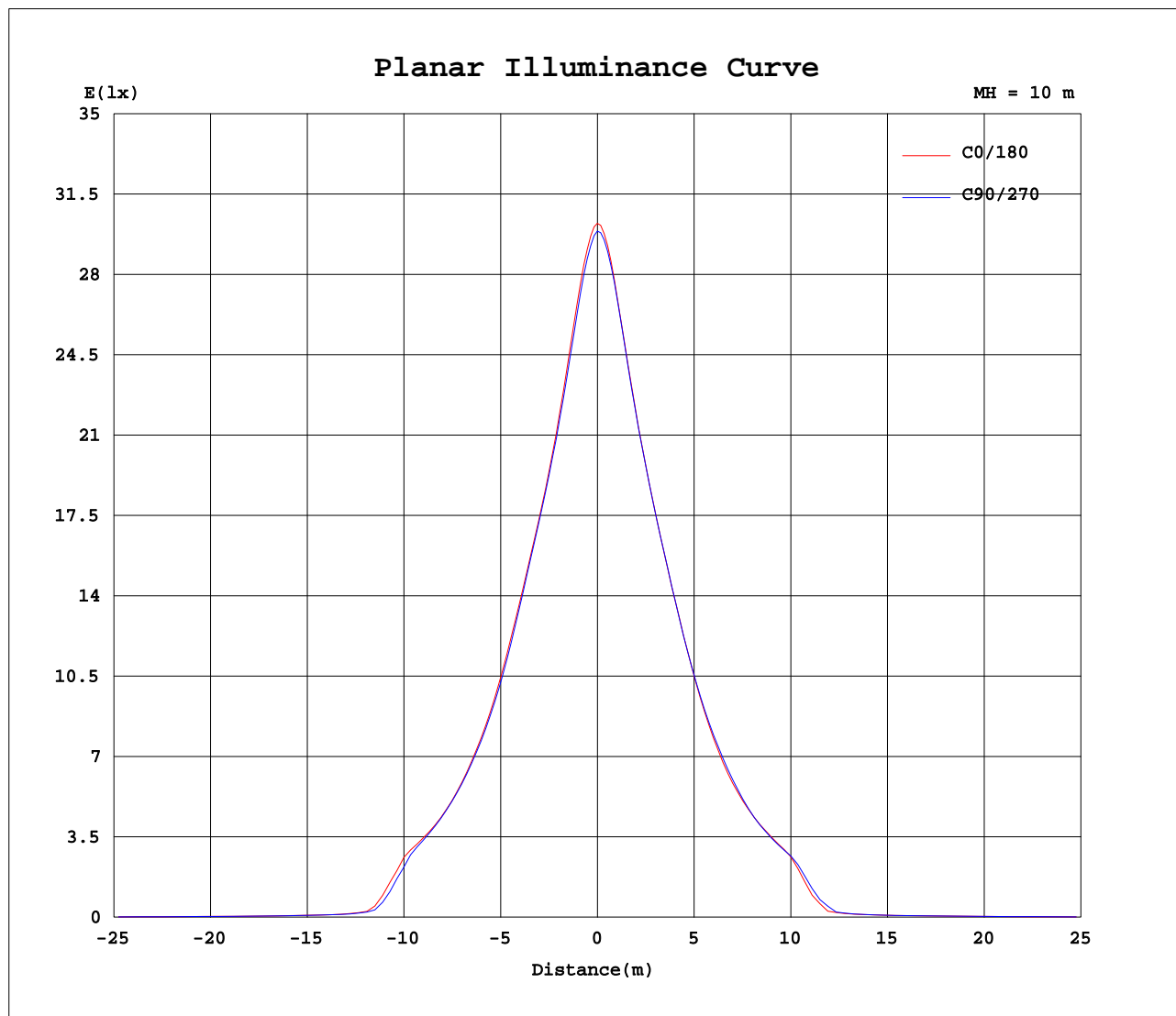
Test:U:226.5V I:0.1250A P:27.30W PF:0.9590 Lamp Flux:2863x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-09-14

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: 2016-09-14

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:0.1250A P:27.30W PF:0.9590 Lamp Flux:2863x1 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	2995	2995	2995	2995	2995	2995	2995	2995	2995	2995	2995	2995	2995	2995	2995	2995	2995	2995	2995
5	2766	2766	2753	2760	2750	2759	2754	2764	2758	2769	2767	2781	2783	2771	2791	2782	2801	2789	2803
10	2373	2376	2361	2371	2364	2376	2368	2378	2369	2382	2379	2393	2401	2387	2406	2391	2414	2402	2419
15	2053	2055	2044	2054	2050	2064	2062	2073	2062	2067	2058	2072	2079	2066	2081	2075	2099	2090	2103
20	1799	1807	1791	1801	1795	1809	1802	1814	1800	1796	1777	1799	1811	1794	1807	1802	1833	1824	1835
25	1531	1537	1519	1523	1513	1529	1517	1532	1519	1525	1497	1524	1541	1526	1538	1533	1564	1548	1558
30	1275	1274	1254	1258	1251	1271	1267	1274	1253	1266	1238	1259	1274	1268	1286	1284	1310	1297	1307
35	1060	1049	1042	1052	1045	1057	1062	1068	1030	1043	1038	1048	1050	1047	1067	1074	1090	1082	1090
40	885	888	892	896	883	884	886	893	869	868	887	892	893	883	900	909	912	899	899
45	732	728	696	696	625	659	620	653	641	687	687	724	737	743	751	750	767	749	756
50	97.5	94.5	93.4	92.6	90.3	87.9	86.4	91.1	88.3	90.2	90.4	95.0	99.8	98.5	149	109	166	123	181
55	53.1	53.0	54.0	54.6	53.5	52.9	52.1	53.1	53.4	54.6	54.0	54.9	55.1	54.5	54.3	53.5	54.1	54.4	56.1
60	45.1	44.8	45.4	45.9	45.2	44.8	44.4	44.7	44.6	45.1	45.2	45.7	45.8	45.5	45.7	45.6	45.7	45.8	46.6
65	37.5	37.2	36.9	37.4	37.0	37.2	36.9	36.9	36.6	37.1	37.2	38.2	38.4	38.0	38.6	38.7	39.2	39.4	39.8
70	29.3	28.9	28.6	28.8	28.5	28.8	28.3	28.6	28.1	28.4	28.5	29.0	29.4	29.4	30.0	30.2	30.7	31.0	31.6
75	21.0	20.8	20.4	20.2	19.9	19.9	19.7	19.8	19.7	20.0	20.0	20.5	21.0	21.2	21.8	22.0	22.4	22.4	22.7
80	17.4	17.3	17.0	16.9	16.7	16.7	16.6	16.7	16.6	16.7	16.8	17.0	17.6	17.8	18.1	18.3	18.5	18.6	18.7
85	14.4	14.3	14.0	13.9	13.7	13.7	13.6	13.7	13.6	13.8	13.8	14.1	14.7	14.8	15.2	15.3	15.6	15.6	15.8
90	5.07	5.04	5.07	5.05	5.07	5.06	5.08	5.06	5.07	5.05	5.06	5.03	5.64	5.65	5.76	5.69	6.07	5.83	6.25
95	5.49	5.50	5.52	5.53	5.55	5.55	5.56	5.55	5.56	5.54	5.53	5.50	6.22	6.20	6.16	6.15	6.13	6.13	6.11
100	6.09	6.10	6.13	6.14	6.17	6.16	6.19	6.17	6.17	6.14	6.14	6.10	6.91	6.90	6.86	6.84	6.82	6.82	6.80
105	6.83	6.84	6.89	6.88	6.92	6.91	6.94	6.91	6.93	6.89	6.89	6.84	7.70	7.69	7.63	7.63	7.60	7.61	7.58
110	7.71	7.71	7.76	7.76	7.81	7.80	7.83	7.79	7.81	7.76	7.77	7.71	8.57	8.56	8.50	8.50	8.46	8.48	8.45
115	8.71	8.71	8.77	8.76	8.82	8.80	8.85	8.80	8.82	8.77	8.78	8.71	9.55	9.53	9.48	9.48	9.43	9.45	9.42
120	9.85	9.84	9.91	9.89	9.96	9.93	9.99	9.94	9.97	9.90	9.92	9.84	10.6	10.6	10.6	10.6	10.5	10.5	10.5
125	11.1	11.1	11.2	11.2	11.2	11.2	11.3	11.2	11.2	11.2	11.2	11.1	11.8	11.8	11.8	11.8	11.7	11.7	11.7
130	12.4	12.4	12.5	12.5	12.5	12.5	12.6	12.5	12.6	12.5	12.5	12.4	13.1	13.1	13.1	13.0	13.0	13.0	13.0
135	13.8	13.8	13.8	13.8	13.9	13.9	13.9	13.9	13.9	13.8	13.9	13.8	14.4	14.4	14.3	14.3	14.3	14.3	14.3
140	15.1	15.1	15.2	15.2	15.2	15.2	15.3	15.2	15.3	15.2	15.2	15.2	15.7	15.7	15.6	15.6	15.6	15.6	15.5
145	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.3	16.7	16.7	16.6	16.6	16.6	16.6	16.6
150	17.2	17.2	17.2	17.2	17.2	17.2	17.3	17.2	17.3	17.2	17.3	17.2	17.5	17.4	17.4	17.4	17.4	17.4	17.4
155	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.3	18.2	18.2	18.2	18.1	18.1	18.1
160	18.9	18.9	18.9	18.9	18.9	18.9	19.0	18.9	19.0	19.0	19.0	18.9	19.1	19.0	19.0	19.0	19.0	19.0	19.0
165	19.7	19.7	19.7	19.7	19.8	19.7	19.8	19.8	19.8	19.7	19.7	19.7	19.9	19.8	19.8	19.7	19.7	19.7	19.7
170	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.6	20.5	20.5	20.5	20.5	20.5	20.5
175	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.3	21.2	21.2	21.2	21.2	21.2	21.2
180	21.7	21.7	21.6	21.7	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.6	21.7	21.6	21.7

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-09-14

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:0.1250A P:27.30W PF:0.9590 Lamp Flux:2863x1 lm					
NAME:			TYPE:		WEIGHT:
DIM.:			SPEC.:		SERIAL No.:
MFR.: Rayconn			SUR.:		PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	2995	2995	2995	2995	2995														
5	2785	2795	2775	2782	2761														
10	2398	2412	2393	2395	2369														
15	2088	2098	2082	2082	2054														
20	1820	1835	1817	1826	1799														
25	1547	1551	1523	1544	1529														
30	1298	1286	1243	1282	1272														
35	1073	1080	1048	1071	1055														
40	903	914	899	898	899														
45	760	760	755	760	746														
50	132	176	117	157	100														
55	55.2	55.8	54.6	54.6	53.4														
60	46.4	46.4	45.8	45.9	45.4														
65	39.7	39.6	38.9	38.8	37.9														
70	31.1	31.1	30.6	30.3	29.7														
75	22.5	22.6	22.2	22.0	21.5														
80	18.7	18.6	18.4	18.3	18.0														
85	15.7	15.7	15.4	15.4	15.0														
90	5.85	6.11	5.70	5.78	5.64														
95	6.12	6.12	6.15	6.15	6.19														
100	6.81	6.80	6.84	6.84	6.88														
105	7.61	7.59	7.62	7.62	7.67														
110	8.48	8.46	8.50	8.49	8.54														
115	9.45	9.43	9.47	9.46	9.52														
120	10.5	10.5	10.6	10.6	10.6														
125	11.7	11.7	11.8	11.8	11.8														
130	13.0	13.0	13.1	13.1	13.1														
135	14.3	14.3	14.3	14.3	14.4														
140	15.6	15.6	15.6	15.6	15.7														
145	16.6	16.6	16.7	16.7	16.7														
150	17.4	17.4	17.4	17.4	17.5														
155	18.1	18.2	18.2	18.2	18.3														
160	19.0	19.0	19.0	19.0	19.1														
165	19.7	19.7	19.8	19.8	19.8														
170	20.5	20.5	20.5	20.5	20.5														
175	21.2	21.2	21.2	21.2	21.2														
180	21.7	21.7	21.7	21.7	21.7														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-09-14

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: