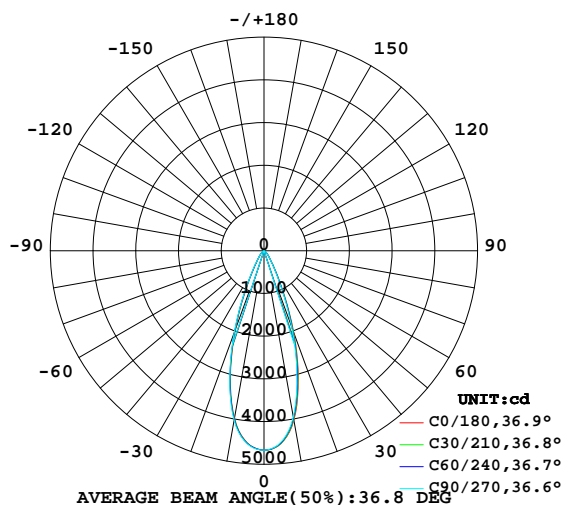


LUMINAIRE PHOTOMETRIC TEST REPORT

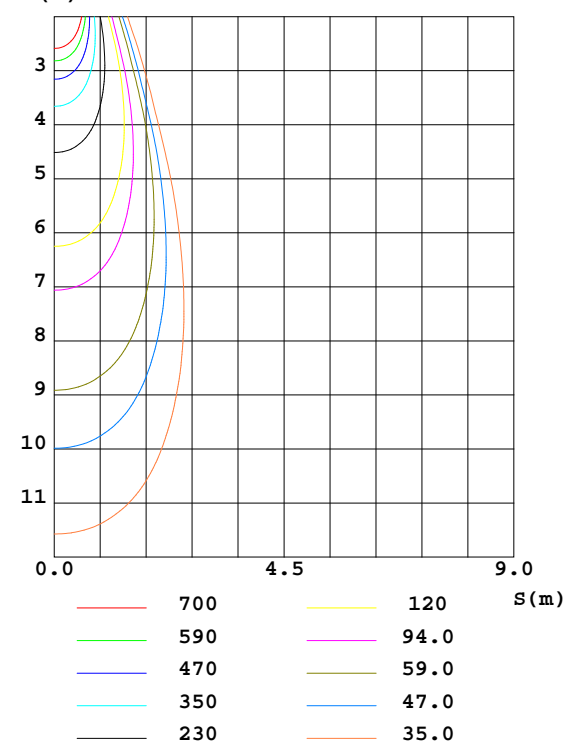
Test:U:226.5V I:0.0930A P:20.10W PF:0.9520 Lamp Flux:2115.12x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 105.23 lm/W			
MODEL	DL08-20W-830-W-36-02	Imax(cd)	4668	S/MH(C0/180)	0.59
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.58
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2115.1	η UP,DN(C0-180)	1.3,48.3
NOMINAL FLUX(lm)	2115.12	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,49.0
LAMPS INSIDE	1	η up(%)	2.7	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.5	η down(%)	97.3	CIBSE SHR MAX	0.60

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	4027	4015	3953	3977	3984	3970	4029	4023	0- 10	415.3	415.3	19.6,19.6
20	2031	2010	1910	1935	1962	1956	2042	2012	10- 20	829.3	1245	58.8,58.8
30	526.5	522.6	487.5	491.7	501.7	506.8	531.2	527.6	20- 30	495.7	1740	82.3,82.3
40	176.2	175.0	168.0	169.8	169.8	170.1	174.3	173.7	30- 40	182.1	1922	90.9,90.9
50	63.76	62.95	58.13	58.80	59.04	60.01	63.08	62.94	40- 50	85.46	2008	94.9,94.9
60	12.47	11.52	12.00	10.77	11.69	10.82	12.25	11.36	50- 60	27.52	2035	96.2,96.2
70	7.602	7.752	7.594	7.509	7.444	7.508	7.275	7.534	60- 70	8.801	2044	96.6,96.6
80	6.806	6.828	6.680	6.589	6.976	7.025	6.623	7.052	70- 80	7.604	2052	97,97
90	4.488	4.338	4.257	4.176	5.279	5.120	4.898	5.264	80- 90	6.410	2058	97.3,97.3
100	4.334	4.828	4.152	4.955	5.621	6.160	5.240	5.921	90-100	5.430	2064	97.6,97.6
110	4.717	4.855	4.621	4.805	6.010	6.082	5.785	6.244	100-110	5.787	2069	97.8,97.8
120	6.576	6.511	6.592	6.571	7.475	7.431	7.250	7.349	110-120	5.977	2075	98.1,98.1
130	9.639	9.618	9.752	9.705	10.25	10.18	10.03	10.02	120-130	7.472	2083	98.5,98.5
140	12.96	13.00	13.13	13.12	13.45	13.40	13.29	13.30	130-140	8.914	2092	98.9,98.9
150	15.78	15.80	15.90	15.88	16.09	16.06	15.98	16.01	140-150	9.178	2101	99.3,99.3
160	17.02	17.02	17.04	17.04	17.20	17.18	17.18	17.20	150-160	7.701	2109	99.7,99.7
170	16.83	16.82	16.82	16.83	16.96	16.94	16.97	17.00	160-170	4.832	2113	99.9,99.9
180	17.22	17.21	17.21	17.24	17.24	17.21	17.22	17.24	170-180	1.617	2115	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

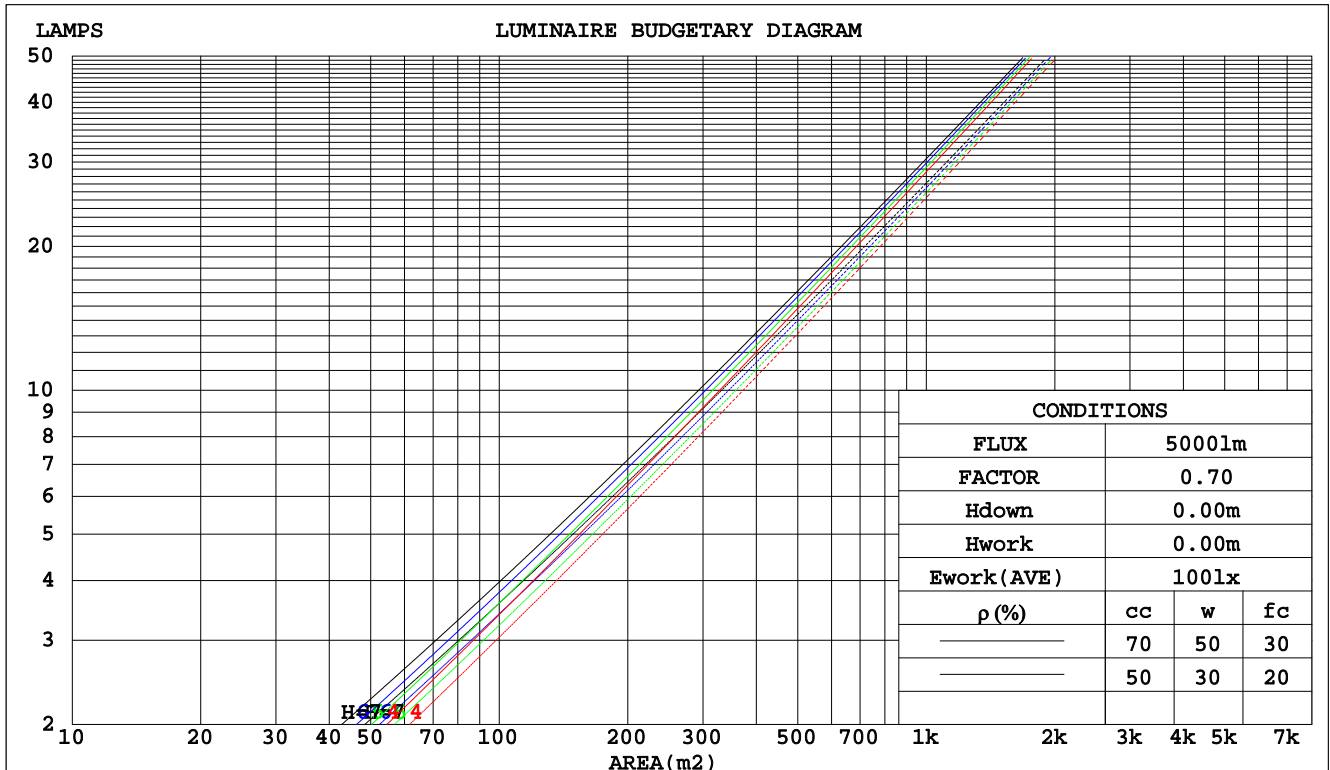
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-31

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:0.9520 Lamp Flux:2115.12x1 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	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.11	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.01	.00	.98	.97	.96	.95	.94	.92
2.0	1.04	1.00	.97	1.02	.99	.96	.98	.96	.93	.95	.93	.91	.92	.90	.89	.87
3.0	.98	.94	.90	.96	.92	.89	.94	.90	.87	.91	.88	.86	.88	.86	.84	.83
4.0	.93	.88	.84	.91	.87	.83	.89	.85	.82	.87	.84	.81	.85	.82	.80	.78
5.0	.88	.83	.79	.87	.82	.79	.85	.81	.78	.83	.80	.77	.81	.78	.76	.75
6.0	.84	.79	.75	.83	.78	.74	.81	.77	.74	.80	.76	.73	.78	.75	.72	.71
7.0	.80	.75	.71	.79	.74	.71	.78	.73	.70	.76	.73	.70	.75	.72	.69	.68
8.0	.76	.71	.68	.76	.71	.67	.74	.70	.67	.73	.69	.67	.72	.69	.66	.65
9.0	.73	.68	.65	.73	.68	.64	.71	.67	.64	.70	.67	.64	.70	.66	.63	.62
10.0	.70	.65	.62	.70	.65	.62	.69	.64	.61	.68	.64	.61	.67	.63	.61	.60



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:0.9520 Lamp Flux:2115.12x1 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	.166	.095	.030	.159	.091	.029	.145	.083	.027	.132	.076	.024	.120	.069	.022	
2.0	.156	.085	.026	.149	.082	.025	.137	.076	.024	.126	.071	.022	.116	.066	.021	
3.0	.146	.078	.023	.141	.075	.023	.131	.071	.021	.121	.066	.020	.112	.062	.019	
4.0	.138	.072	.021	.133	.070	.021	.124	.066	.020	.116	.062	.019	.108	.059	.018	
5.0	.130	.066	.019	.126	.065	.019	.119	.062	.018	.111	.059	.017	.105	.056	.017	
6.0	.124	.062	.018	.120	.061	.017	.113	.058	.017	.107	.056	.016	.101	.053	.016	
7.0	.118	.058	.016	.114	.057	.016	.108	.055	.016	.103	.053	.015	.098	.051	.015	
8.0	.112	.055	.015	.109	.054	.015	.104	.052	.015	.099	.050	.014	.094	.048	.014	
9.0	.107	.052	.014	.105	.051	.014	.100	.049	.014	.095	.048	.014	.091	.046	.013	
10.0	.103	.049	.014	.101	.049	.014	.096	.047	.013	.092	.046	.013	.088	.044	.013	

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	.191	.178	.166	.163	.153	.143	.112	.105	.099	.064	.061	.058	.021	.020	.019	
2.0	.175	.153	.135	.150	.132	.117	.103	.091	.082	.059	.053	.048	.019	.017	.016	
3.0	.162	.134	.113	.138	.116	.098	.095	.081	.069	.055	.047	.040	.018	.015	.013	
4.0	.150	.120	.096	.129	.103	.083	.089	.072	.059	.051	.042	.035	.017	.014	.011	
5.0	.141	.108	.083	.121	.093	.072	.083	.065	.051	.048	.038	.030	.016	.012	.010	
6.0	.133	.098	.073	.114	.085	.064	.079	.060	.045	.046	.035	.027	.015	.011	.009	
7.0	.126	.090	.065	.108	.078	.057	.075	.055	.040	.043	.032	.024	.014	.011	.008	
8.0	.120	.084	.059	.103	.073	.052	.071	.051	.037	.042	.030	.022	.013	.010	.007	
9.0	.115	.079	.054	.099	.068	.047	.068	.048	.034	.040	.028	.020	.013	.009	.007	
10.0	.110	.074	.050	.095	.064	.044	.066	.045	.031	.038	.027	.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:0.9520 Lamp Flux:2115.12x1 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	18.1	18.9	18.4	19.1	19.3	17.8	18.6	18.0	18.8	19.0
3H	18.0	18.8	18.3	19.0	19.3	17.7	18.5	18.0	18.7	18.9
4H	18.1	18.8	18.4	19.0	19.3	17.8	18.5	18.1	18.7	19.0
6H	18.2	18.8	18.5	19.1	19.4	17.9	18.5	18.2	18.8	19.1
8H	18.3	18.9	18.6	19.2	19.5	18.0	18.6	18.3	18.9	19.2
12H	18.4	19.0	18.8	19.4	19.7	18.1	18.7	18.5	19.0	19.3
4H 2H	17.9	18.6	18.2	18.9	19.1	17.6	18.3	17.9	18.6	18.8
3H	17.9	18.5	18.3	18.8	19.2	17.6	18.2	17.9	18.5	18.8
4H	18.0	18.6	18.4	18.9	19.3	17.7	18.3	18.1	18.6	19.0
6H	18.2	18.7	18.7	19.1	19.5	18.0	18.4	18.4	18.8	19.2
8H	18.4	18.9	18.9	19.3	19.7	18.2	18.6	18.6	19.0	19.4
12H	18.7	19.1	19.2	19.5	20.0	18.4	18.8	18.8	19.2	19.7
8H 4H	18.0	18.4	18.4	18.8	19.2	17.7	18.1	18.1	18.5	18.9
6H	18.3	18.7	18.8	19.2	19.6	18.1	18.5	18.6	18.9	19.4
8H	18.7	19.0	19.2	19.5	20.0	18.4	18.8	18.9	19.2	19.7
12H	19.1	19.4	19.6	19.9	20.4	18.8	19.1	19.3	19.6	20.1
12H 4H	17.9	18.4	18.4	18.8	19.2	17.7	18.1	18.1	18.5	18.9
6H	18.4	18.7	18.9	19.2	19.7	18.1	18.5	18.6	18.9	19.4
8H	18.8	19.1	19.3	19.6	20.1	18.5	18.8	19.0	19.3	19.8
Variations with the observer position at spacings:										
S = 1.0H	+ 1.6 / - 2.5					+ 1.5 / - 2.5				
1.5H	+ 2.4 / - 2.6					+ 2.3 / - 2.5				
2.0H	+ 3.4 / - 2.0					+ 3.3 / - 1.9				

CIE Pub.117 Corrected 2115 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.6)

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:0.9520 Lamp Flux:2115.12x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

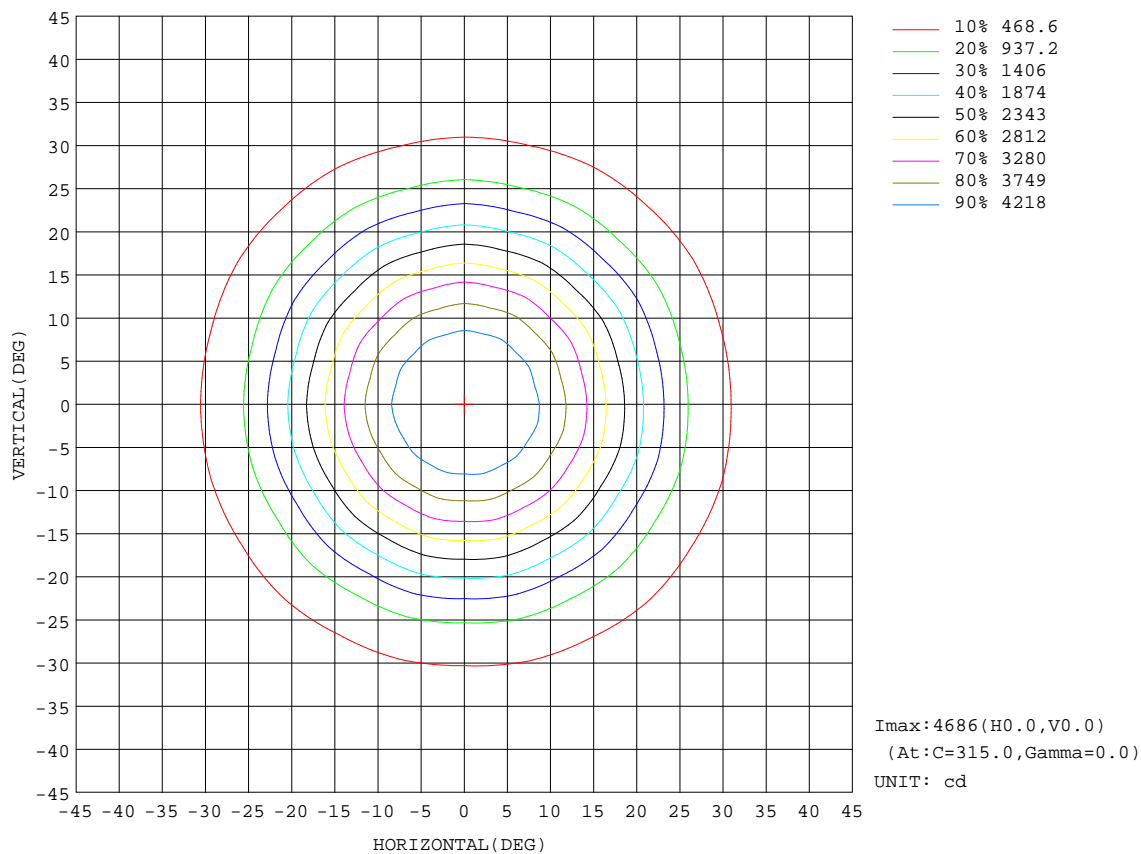
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	86	79	76	85	79	75	84	79	75	72
0.80	93	87	83	93	87	83	91	86	83	79
1.00	98	92	88	97	91	88	95	91	87	83
1.25	102	96	93	101	96	92	98	94	91	87
1.50	105	100	96	103	99	96	101	97	94	89
2.00	107	103	100	106	102	99	103	99	97	91
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	109	105	103	105	102	100	93
4.00	113	110	107	110	108	106	106	104	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:0.9520 Lamp Flux:2115.12x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



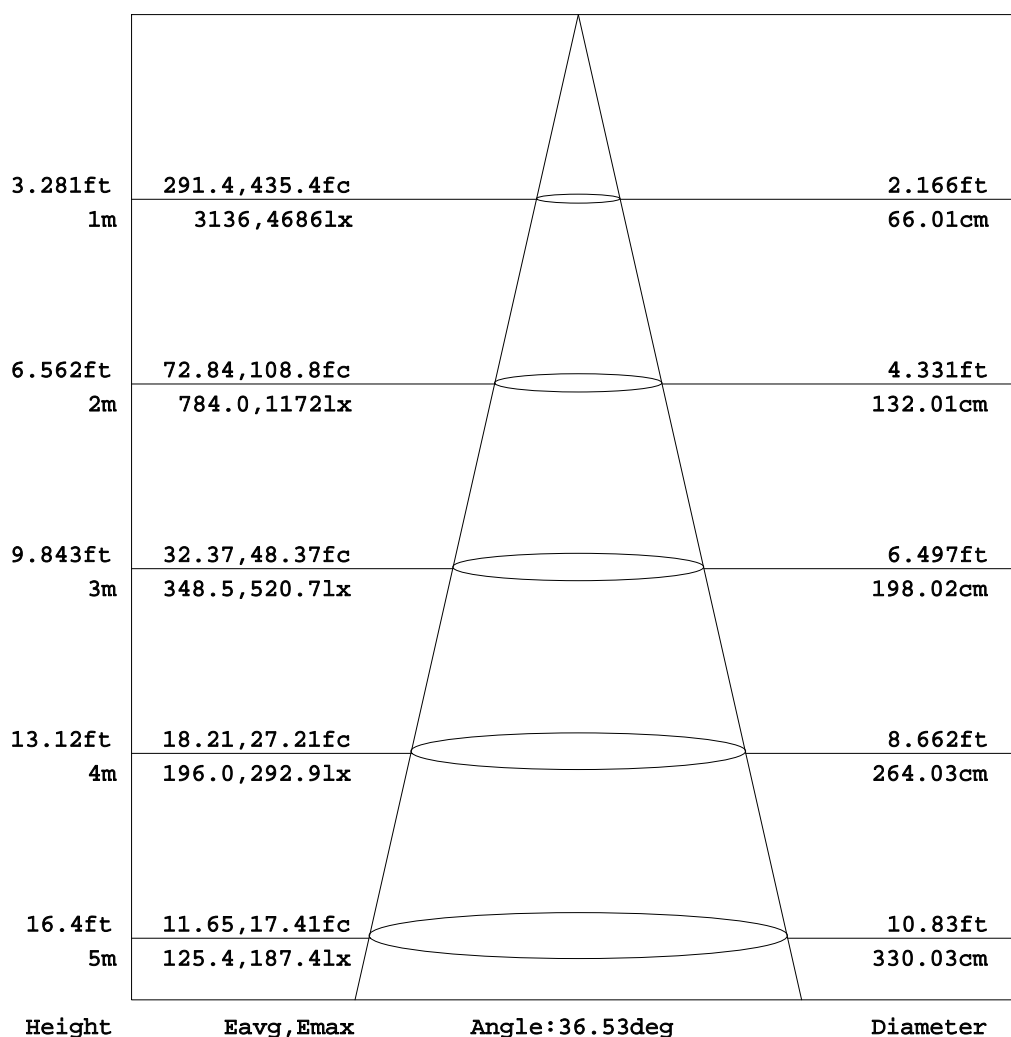
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-31

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:0.9520 Lamp Flux:2115.12x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:1168 lm



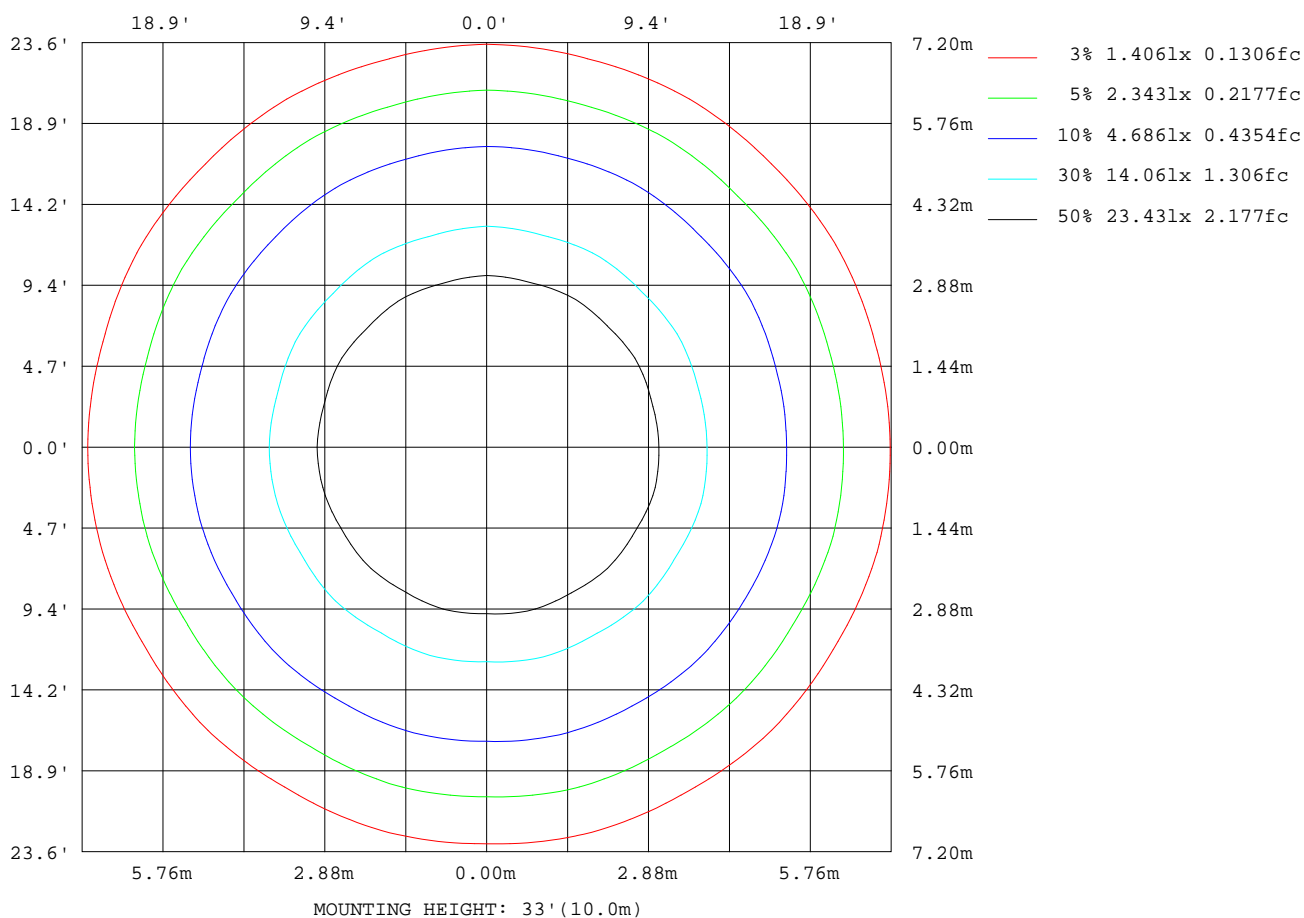
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

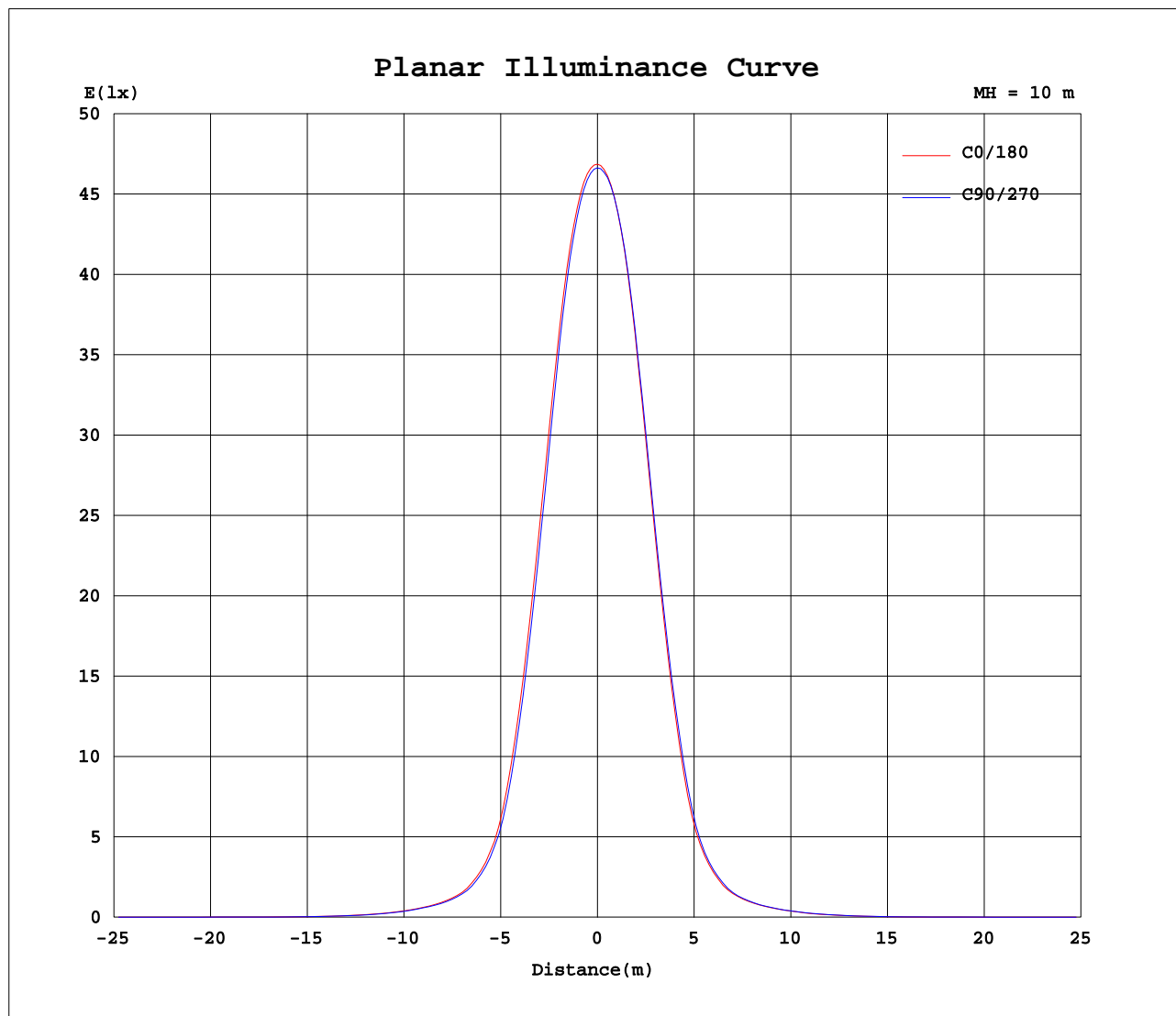
Test:U:226.5V I:0.0930A P:20.10W PF:0.9520 Lamp Flux:2115.12x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.9520 Lamp Flux:2115.12x1 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	4668	4668	4668	4668	4668	4668	4668	4668	4668	4668	4668	4668	4668	4668	4668	4668	4668	4668	4668
5	4535	4540	4529	4536	4516	4519	4507	4512	4502	4517	4508	4518	4515	4505	4519	4509	4524	4516	4535
10	4027	4041	4005	4015	3977	3989	3953	3972	3946	3977	3954	3986	3984	3958	3995	3970	4009	3987	4029
15	3104	3130	3070	3087	3020	3041	2981	3012	2970	3019	2986	3040	3045	3005	3066	3026	3086	3050	3110
20	2031	2059	1996	2010	1945	1965	1910	1935	1891	1935	1903	1955	1962	1926	1991	1956	2020	1982	2042
25	1081	1102	1050	1067	1014	1031	987	1010	971	1007	976	1018	1017	1000	1044	1030	1076	1058	1096
30	526	535	517	523	502	506	488	494	478	492	483	499	502	495	513	507	524	516	531
35	279	282	274	275	267	269	263	266	260	266	261	267	267	265	271	268	275	272	280
40	176	178	175	175	172	172	168	170	167	170	168	171	170	169	172	170	173	172	174
45	112	114	112	111	109	109	106	107	106	107	106	109	108	107	110	108	112	111	111
50	63.8	64.8	63.2	63.0	61.0	60.7	58.1	59.0	57.8	58.8	58.2	59.4	59.0	58.9	61.3	60.0	62.3	61.2	63.1
55	30.2	31.0	29.9	29.8	28.7	28.4	26.7	27.4	26.4	26.9	26.5	27.2	26.7	26.9	28.6	27.8	29.4	28.7	29.6
60	12.5	12.6	12.3	11.5	12.0	12.1	12.0	11.9	11.3	10.8	11.2	11.8	11.7	11.7	11.8	10.8	11.7	11.8	12.2
65	8.04	8.12	8.24	8.38	8.60	8.66	8.73	8.76	8.37	8.19	8.47	8.40	8.02	7.97	8.06	7.98	7.88	7.65	7.78
70	7.60	7.65	7.69	7.75	7.66	7.64	7.59	7.64	7.71	7.51	7.68	7.66	7.44	7.51	7.52	7.51	7.45	7.33	7.27
75	7.18	7.25	7.25	7.26	7.21	7.17	7.11	7.14	7.22	6.99	7.27	7.24	7.13	7.20	7.22	7.19	7.15	7.04	6.89
80	6.81	6.85	6.85	6.83	6.79	6.76	6.68	6.71	6.76	6.59	6.81	6.85	6.98	7.05	7.05	7.03	7.00	6.89	6.62
85	5.08	5.35	5.26	5.16	5.16	5.05	4.71	4.92	4.93	4.70	5.12	5.04	5.35	5.63	5.74	5.78	5.78	5.63	5.26
90	4.49	4.51	4.32	4.34	4.18	4.28	4.26	4.23	4.10	4.18	4.12	4.26	5.28	5.13	5.15	5.12	5.24	5.12	4.90
95	4.40	4.27	4.32	4.32	4.33	4.25	4.17	4.22	4.07	4.20	4.22	4.24	5.46	5.47	5.48	5.46	5.42	5.36	5.13
100	4.33	4.90	4.92	4.83	4.90	4.66	4.15	4.65	4.11	4.95	5.02	4.76	5.62	6.07	6.24	6.16	6.05	5.79	5.24
105	4.41	5.18	5.41	5.19	5.09	4.76	4.25	4.63	4.10	5.03	5.07	4.79	5.74	6.17	6.46	6.41	6.45	6.14	5.52
110	4.72	4.95	4.97	4.86	4.80	4.78	4.62	4.69	4.51	4.80	4.82	4.74	6.01	6.10	6.13	6.08	6.07	6.00	5.78
115	5.45	5.46	5.45	5.39	5.42	5.41	5.41	5.37	5.32	5.42	5.49	5.42	6.56	6.59	6.54	6.52	6.48	6.46	6.30
120	6.58	6.53	6.56	6.51	6.57	6.54	6.59	6.52	6.54	6.57	6.66	6.56	7.48	7.48	7.43	7.43	7.35	7.35	7.25
125	8.01	7.98	8.02	7.96	8.04	8.00	8.08	8.00	8.05	8.05	8.14	8.04	8.74	8.74	8.67	8.67	8.59	8.60	8.53
130	9.64	9.60	9.65	9.62	9.68	9.66	9.75	9.67	9.73	9.71	9.77	9.69	10.2	10.2	10.2	10.2	10.1	10.1	10.0
135	11.3	11.3	11.4	11.3	11.4	11.4	11.5	11.4	11.5	11.4	11.5	11.4	11.8	11.8	11.8	11.8	11.7	11.7	11.7
140	13.0	12.9	13.0	13.0	13.1	13.1	13.1	13.1	13.2	13.1	13.2	13.1	13.5	13.5	13.4	13.4	13.3	13.4	13.3
145	14.5	14.5	14.6	14.5	14.6	14.6	14.7	14.6	14.7	14.7	14.7	14.6	14.9	14.9	14.9	14.9	14.8	14.8	14.8
150	15.8	15.8	15.8	15.8	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.9	16.1	16.1	16.1	16.1	16.0	16.0	16.0
155	16.6	16.6	16.7	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.9	16.9	16.8	16.9	16.8	16.8	16.8
160	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.2	17.2	17.2	17.2	17.2	17.2	17.2
165	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1
170	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	17.0	16.9	17.0	16.9	16.9	17.0	17.0
175	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0
180	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2

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:0.9520 Lamp Flux:2115.12x1 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	4668	4668	4668	4668	4668														
5	4527	4542	4535	4544	4529														
10	4009	4047	4023	4051	4018														
15	3074	3131	3093	3145	3091														
20	1999	2058	2012	2068	2015														
25	1074	1106	1080	1109	1077														
30	523	537	528	539	525														
35	275	280	276	282	277														
40	173	176	174	177	175														
45	110	112	111	113	111														
50	62.6	64.6	62.9	64.9	63.3														
55	29.7	31.2	30.1	31.2	30.2														
60	12.3	12.3	11.4	12.1	12.2														
65	8.13	8.42	7.99	7.87	7.86														
70	7.34	7.44	7.53	7.49	7.50														
75	7.05	7.17	7.23	7.21	7.22														
80	6.89	7.01	7.05	7.06	7.09														
85	5.67	5.83	5.80	5.95	5.91														
90	5.32	5.39	5.26	5.34	5.31														
95	5.35	5.38	5.42	5.42	5.42														
100	5.93	5.93	5.92	6.00	6.10														
105	6.18	6.60	6.71	6.78	6.48														
110	5.88	6.10	6.24	6.29	6.27														
115	6.39	6.23	6.51	6.54	6.60														
120	7.28	7.27	7.35	7.37	7.44														
125	8.54	8.51	8.54	8.58	8.65														
130	10.0	10.0	10.0	10.0	10.1														
135	11.7	11.6	11.7	11.6	11.7														
140	13.3	13.3	13.3	13.3	13.3														
145	14.8	14.8	14.8	14.7	14.8														
150	16.0	16.0	16.0	16.0	16.0														
155	16.8	16.8	16.8	16.8	16.8														
160	17.2	17.2	17.2	17.2	17.2														
165	17.1	17.2	17.2	17.2	17.2														
170	17.0	17.0	17.0	17.0	17.0														
175	17.0	17.0	17.0	17.0	17.0														
180	17.2	17.2	17.2	17.2	17.2														

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: