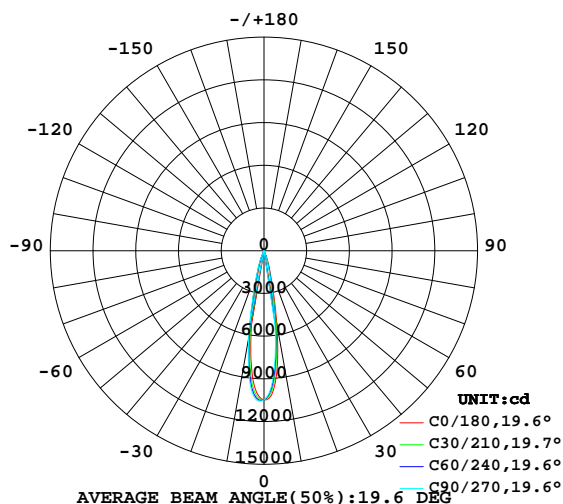


LUMINAIRE PHOTOMETRIC TEST REPORT

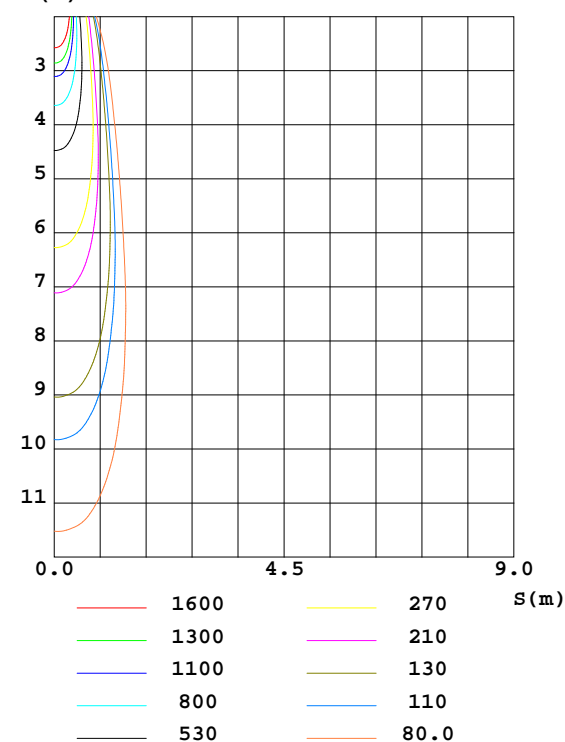
Test:U:226.5V I:0.0930A P:20.10W PF:0.9480 Lamp Flux:1474.4x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.35 lm/W			
MODEL	TL20-20W-930-B-20	Imax(cd)	10606	S/MH(C0/180)	0.33
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.30
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1474.4	η UP,DN(C0-180)	1.2,42.9
NOMINAL FLUX(lm)	1474.4	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,54.5
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.5	η down(%)	97.4	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:QiuMing
 Test Date:2016-03-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:6.250m [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	515.9	455.1	407.6	423.4	494.8	560.3	621.4	591.7	0- 10	736.5	736.5	50,50
20	76.82	64.71	53.39	57.01	68.69	84.68	103.9	96.16	10- 20	576.9	1313	89.1,89.1
30	3.414	2.935	2.566	2.624	2.818	3.248	3.625	3.691	20- 30	98.22	1412	95.7,95.7
40	0.5019	0.4850	0.4642	0.4599	0.4949	0.5244	0.5698	0.5444	30- 40	8.765	1420	96.3,96.3
50	0.2929	0.2947	0.2998	0.2954	0.2798	0.2822	0.2790	0.2704	40- 50	2.797	1423	96.5,96.5
60	0.2966	0.3027	0.3082	0.3044	0.2608	0.2595	0.2516	0.2507	50- 60	2.453	1426	96.7,96.7
70	0.3596	0.3645	0.3685	0.3637	0.3178	0.3156	0.3085	0.3085	60- 70	3.075	1429	96.9,96.9
80	0.3845	0.3811	0.3791	0.3765	0.3491	0.3483	0.3447	0.3440	70- 80	3.758	1432	97.2,97.2
90	0.2982	0.2850	0.2759	0.2774	0.3594	0.3590	0.3571	0.3561	80- 90	3.788	1436	97.4,97.4
100	0.1868	0.1834	0.1851	0.1846	0.3598	0.3601	0.3584	0.3569	90-100	3.163	1439	97.6,97.6
110	0.2327	0.2393	0.2485	0.2465	0.3596	0.3602	0.3571	0.3552	100-110	2.981	1442	97.8,97.8
120	0.3305	0.3430	0.3588	0.3532	0.4101	0.3997	0.3910	0.3906	110-120	3.273	1446	98.1,98.1
130	0.6093	0.6436	0.6726	0.6589	0.6711	0.6383	0.6102	0.6149	120-130	4.305	1450	98.3,98.3
140	1.020	1.048	1.066	1.054	1.057	1.028	1.001	1.004	130-140	6.487	1456	98.8,98.8
150	1.224	1.234	1.238	1.230	1.249	1.237	1.225	1.222	140-150	7.202	1464	99.3,99.3
160	1.307	1.312	1.312	1.306	1.314	1.307	1.304	1.299	150-160	5.891	1470	99.7,99.7
170	1.273	1.262	1.253	1.260	1.265	1.272	1.284	1.279	160-170	3.706	1473	99.9,99.9
180	1.130	1.135	1.144	1.158	1.134	1.132	1.147	1.157	170-180	1.149	1474	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

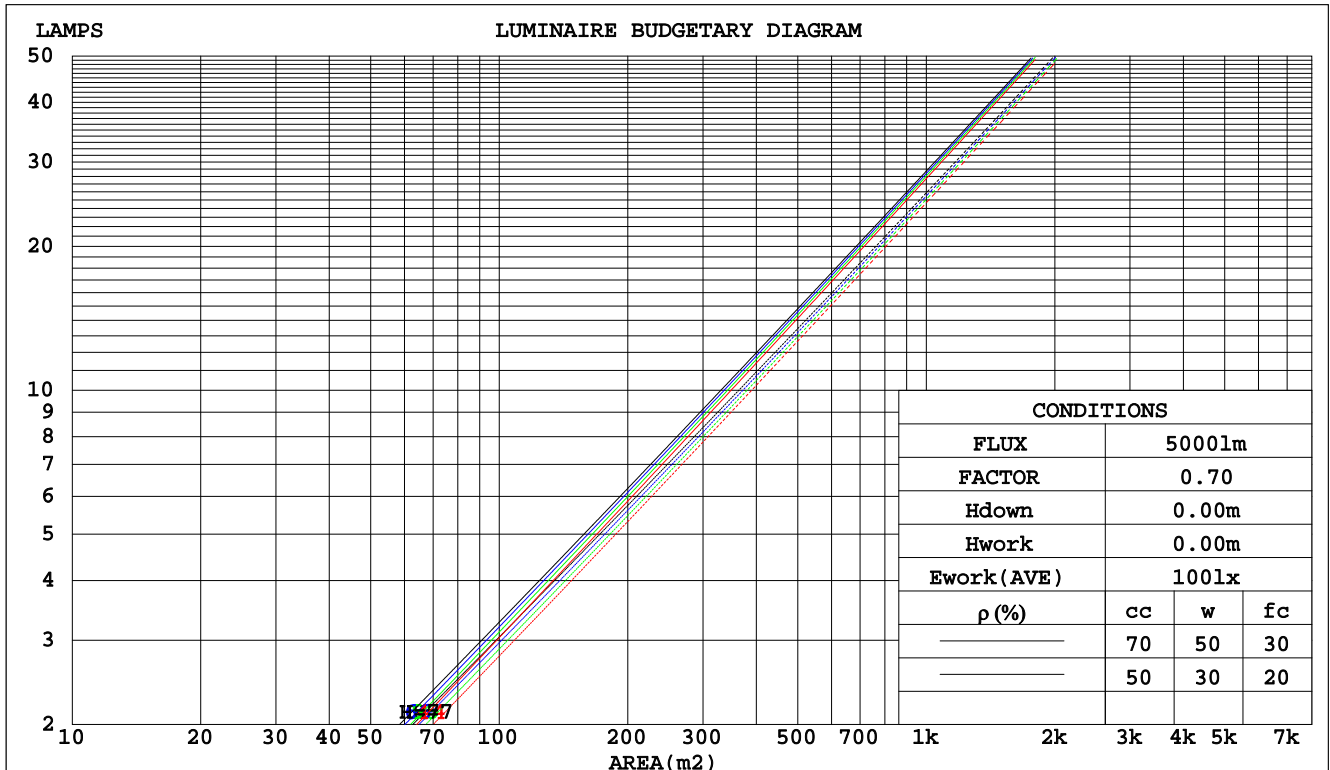
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2016-03-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.250m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.5V I:0.0930A P:20.10W PF:0.9480 Lamp Flux:1474.4x1 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	1.13	1.11	1.09	1.10	1.09	1.07	1.06	1.05	1.04	1.02	1.01	1.00	.98	.97	.97	.95
2.0	1.08	1.05	1.03	1.06	1.04	1.02	1.03	1.01	.99	.99	.98	.97	.96	.95	.94	.93
3.0	1.04	1.01	.98	1.03	.00	.97	.00	.97	.95	.97	.95	.94	.95	.93	.92	.91
4.0	1.01	.97	.95	.00	.96	.94	.97	.95	.93	.95	.93	.91	.93	.91	.90	.89
5.0	.98	.94	.92	.97	.94	.91	.95	.92	.90	.93	.91	.89	.92	.90	.88	.87
6.0	.95	.92	.89	.94	.91	.89	.93	.90	.88	.91	.89	.87	.90	.88	.86	.85
7.0	.93	.89	.87	.92	.89	.86	.91	.88	.86	.90	.87	.85	.89	.86	.85	.84
8.0	.91	.87	.85	.90	.87	.85	.89	.86	.84	.88	.86	.84	.87	.85	.83	.82
9.0	.89	.85	.83	.88	.85	.83	.87	.85	.83	.87	.84	.82	.86	.83	.82	.81
10.0	.87	.84	.81	.87	.83	.81	.86	.83	.81	.85	.83	.81	.84	.82	.80	.80



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2016-03-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.250m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:226.5V I:0.0930A P:20.10W PF:0.9480 Lamp Flux:1474.4x1 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	.130	.074	.023	.122	.070	.022	.108	.062	.020	.096	.055	.018	.084	.049	.016		
2.0	.117	.064	.020	.111	.061	.019	.100	.055	.017	.089	.050	.016	.079	.045	.014		
3.0	.108	.057	.017	.102	.055	.017	.093	.050	.015	.084	.046	.014	.076	.042	.013		
4.0	.099	.052	.015	.095	.050	.015	.087	.046	.014	.079	.043	.013	.072	.039	.012		
5.0	.093	.047	.014	.089	.046	.013	.082	.043	.013	.075	.040	.012	.069	.037	.011		
6.0	.087	.043	.012	.083	.042	.012	.077	.040	.012	.072	.037	.011	.066	.035	.010		
7.0	.082	.040	.011	.079	.039	.011	.074	.037	.011	.069	.035	.010	.064	.033	.010		
8.0	.077	.038	.011	.075	.037	.010	.070	.035	.010	.066	.033	.010	.062	.032	.009		
9.0	.073	.035	.010	.071	.035	.010	.067	.033	.009	.063	.032	.009	.059	.030	.009		
10.0	.070	.034	.009	.068	.033	.009	.064	.031	.009	.061	.030	.009	.057	.029	.008		

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	.210	.210	.210	.180	.180	.180	.123	.123	.123	.070	.070	.070	.023	.023	.023		
1.0	.188	.178	.168	.161	.152	.145	.110	.105	.100	.063	.061	.058	.020	.020	.019		
2.0	.169	.153	.139	.145	.132	.120	.099	.091	.084	.057	.053	.049	.018	.017	.016		
3.0	.153	.133	.117	.131	.115	.102	.090	.080	.071	.052	.047	.042	.017	.015	.014		
4.0	.140	.118	.101	.120	.102	.088	.083	.071	.062	.048	.042	.036	.015	.014	.012		
5.0	.129	.105	.088	.111	.091	.077	.076	.064	.054	.044	.037	.032	.014	.012	.011		
6.0	.120	.095	.078	.103	.082	.068	.071	.058	.048	.041	.034	.028	.013	.011	.009		
7.0	.112	.087	.070	.096	.075	.061	.066	.053	.043	.039	.031	.026	.012	.010	.008		
8.0	.105	.080	.063	.090	.069	.055	.062	.049	.039	.036	.029	.023	.012	.009	.008		
9.0	.099	.074	.058	.085	.064	.050	.059	.045	.036	.034	.027	.021	.011	.009	.007		
10.0	.094	.069	.053	.081	.060	.046	.056	.042	.033	.033	.025	.020	.011	.008	.007		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2016-03-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.250m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:226.5V I:0.0930A P:20.10W PF:0.9480 Lamp Flux:1474.4x1 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	-0.2	0.3	-0.0	0.5	0.7	-0.6	-0.1	-0.4	0.1	0.3	
3H	3.0	3.5	3.3	3.8	4.0	2.9	3.4	3.2	3.7	3.9	
4H	5.1	5.6	5.4	5.9	6.1	5.1	5.6	5.3	5.8	6.0	
6H	7.4	7.9	7.7	8.2	8.4	7.3	7.8	7.6	8.0	8.3	
8H	8.6	9.1	8.9	9.4	9.6	8.5	8.9	8.8	9.2	9.5	
12H	9.9	10.3	10.2	10.6	10.9	9.7	10.1	10.0	10.4	10.7	
4H 2H	0.8	1.3	1.1	1.6	1.8	0.6	1.1	0.9	1.3	1.6	
3H	4.4	4.8	4.7	5.1	5.5	4.4	4.8	4.7	5.1	5.4	
4H	6.6	7.0	7.0	7.4	7.7	6.6	7.0	7.0	7.3	7.7	
6H	9.1	9.4	9.5	9.8	10.2	9.0	9.3	9.4	9.7	10.1	
8H	10.3	10.7	10.8	11.1	11.5	10.2	10.5	10.6	10.9	11.3	
12H	11.7	12.0	12.1	12.4	12.8	11.5	11.8	11.9	12.2	12.6	
8H 4H	7.5	7.9	8.0	8.3	8.7	7.5	7.8	7.9	8.2	8.6	
6H	10.2	10.4	10.6	10.9	11.3	10.1	10.4	10.5	10.8	11.3	
8H	11.6	11.8	12.1	12.3	12.8	11.4	11.7	11.9	12.2	12.6	
12H	13.1	13.3	13.6	13.8	14.3	12.9	13.1	13.4	13.6	14.1	
12H 4H	7.8	8.1	8.2	8.5	8.9	7.7	8.1	8.2	8.5	8.9	
6H	10.5	10.7	11.0	11.2	11.7	10.4	10.7	10.9	11.1	11.6	
8H	12.0	12.2	12.5	12.7	13.2	11.9	12.1	12.4	12.6	13.1	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
2.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3					

CIE Pub.117 Corrected 1474 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.3)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2016-03-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.250m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:226.5V I:0.0930A P:20.10W PF:0.9480 Lamp Flux:1474.4x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

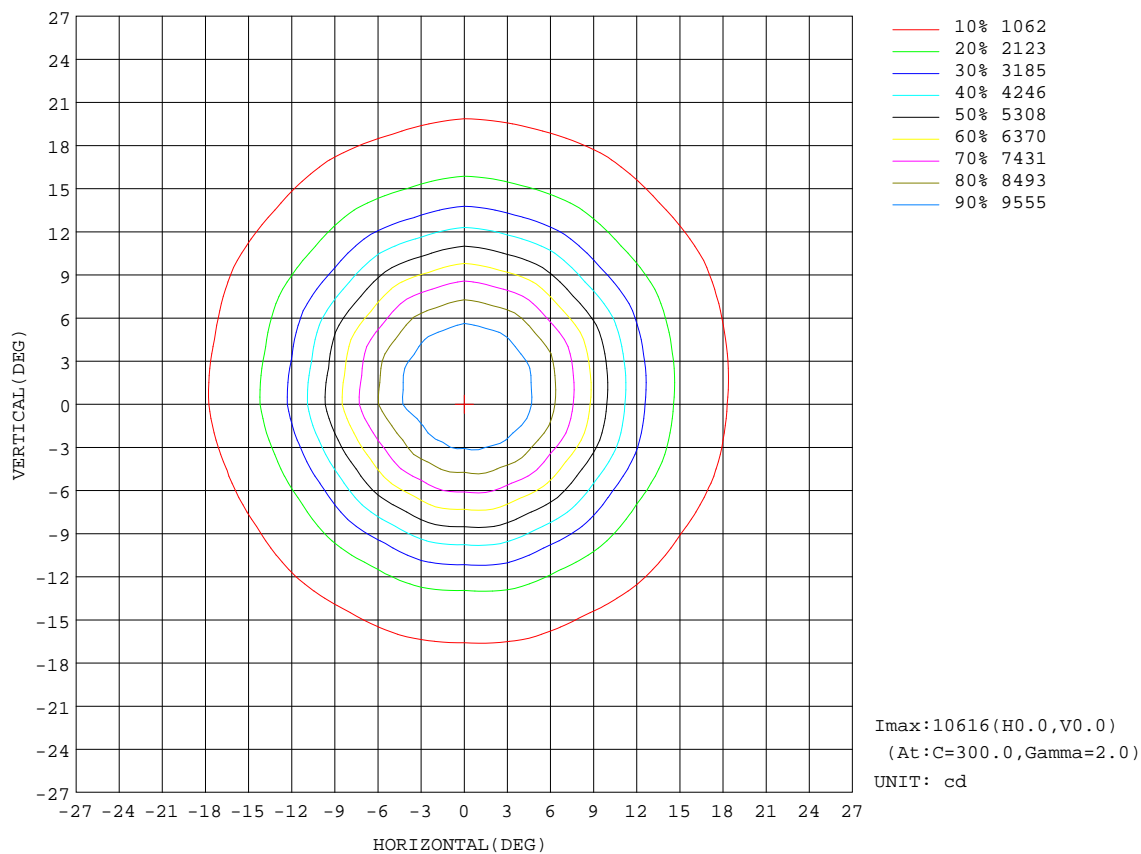
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	84	80	89	83	80	88	83	80	76
0.80	96	91	87	96	90	87	94	90	87	83
1.00	100	95	91	99	94	91	97	94	90	87
1.25	104	99	96	102	98	95	100	97	94	90
1.50	106	102	99	105	101	98	102	99	97	92
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	104	108	105	102	105	102	100	94
3.00	111	108	106	109	107	104	106	104	102	95
4.00	113	111	109	111	109	107	107	105	104	96
5.00	115	113	111	112	110	109	108	107	105	97
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:QiuMing
Test Date:2016-03-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.250m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:226.5V I:0.0930A P:20.10W PF:0.9480 Lamp Flux:1474.4x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



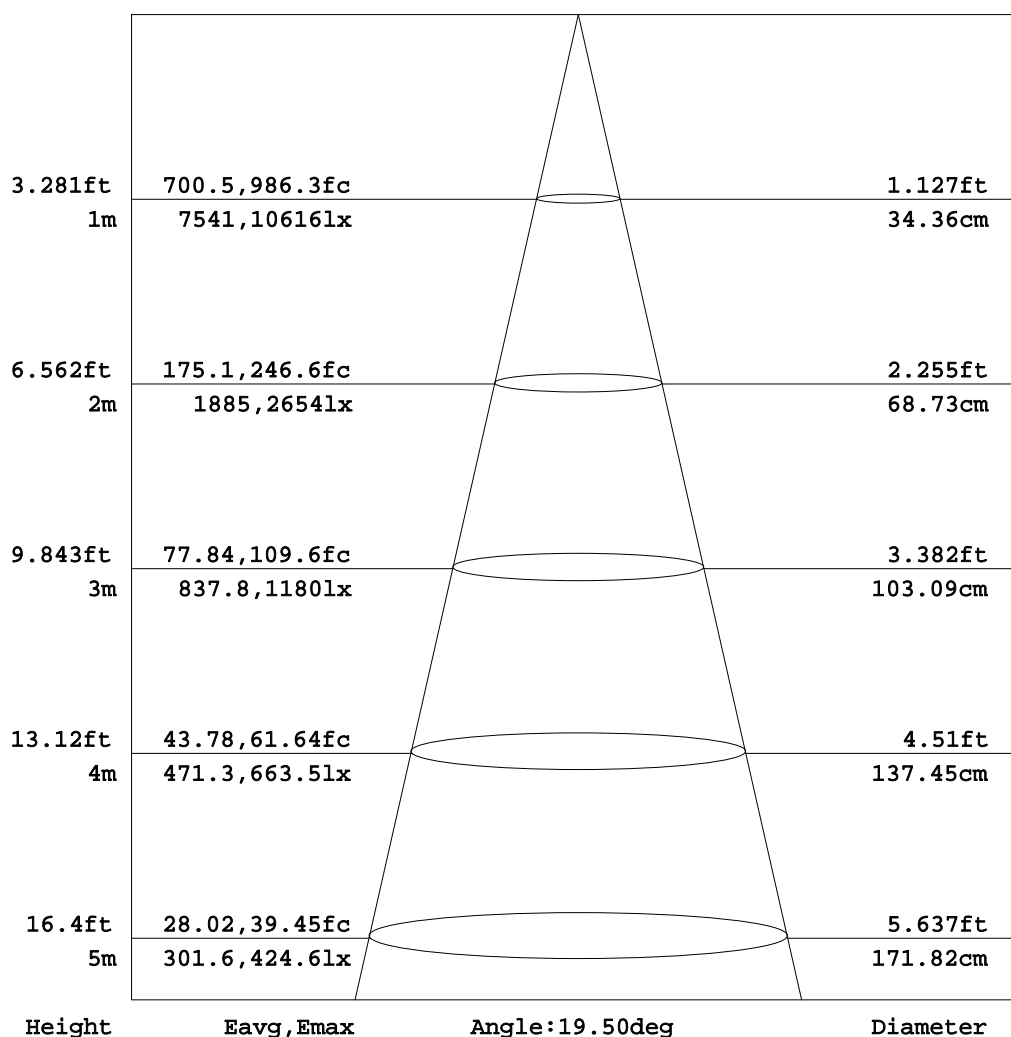
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2016-03-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.250m [K=1.0000]
Remarks:

AAI Figure

Test:U:226.5V I:0.0930A P:20.10W PF:0.9480 Lamp Flux:1474.4x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:736.5 lm



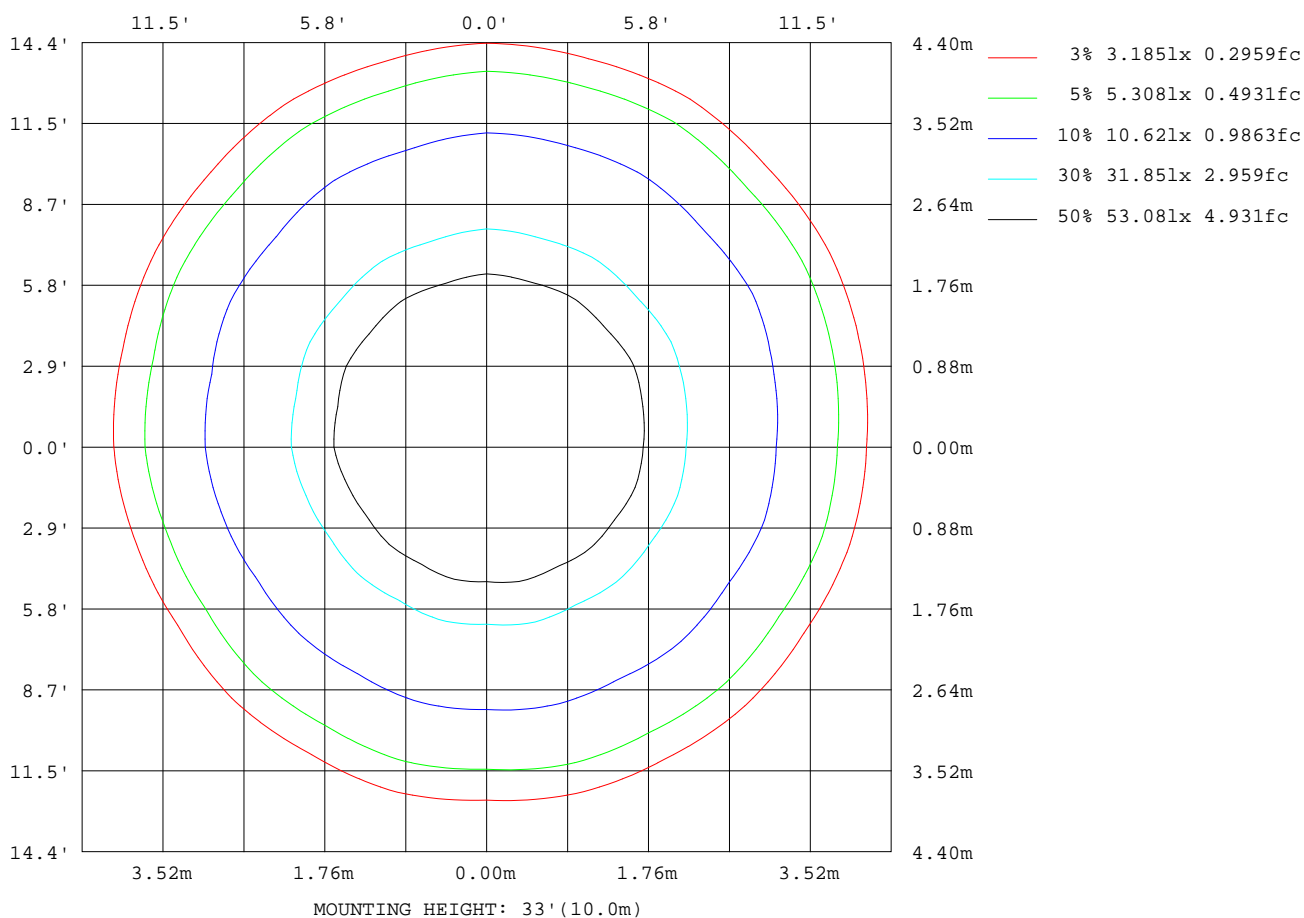
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2016-03-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.250m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

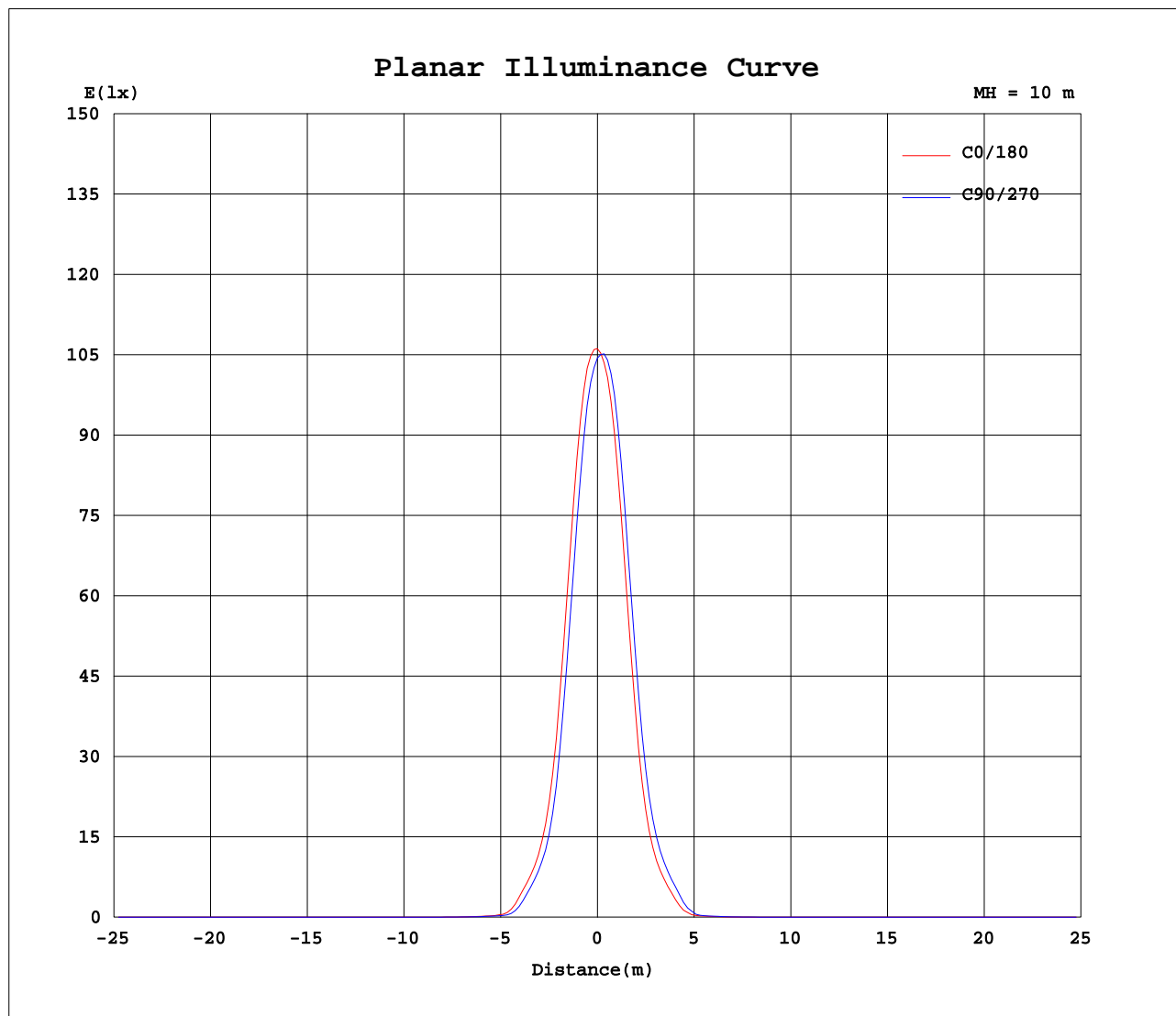
Test:U:226.5V I:0.0930A P:20.10W PF:0.9480 Lamp Flux:1474.4x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: QiuMing
Test Date: 2016-03-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.250m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: QiuMing
Test Date: 2016-03-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.250m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.5V I:0.0930A P:20.10W PF:0.9480 Lamp Flux:1474.4x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										SUR.:					PROTECTION ANGLE:				

Table--1

UNIT: ×10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1047	1047	1047	1047	1047	1047	1047	1047	1047	1047	1047	1047	1047	1047	1047	1047	1047	1047	1047
5	927	916	888	880	853	852	834	841	835	851	853	877	904	914	943	948	973	974	992
10	516	502	467	455	426	426	408	414	405	423	428	456	495	505	553	560	597	592	621
15	191	184	166	161	149	148	140	146	139	146	146	159	177	183	206	211	233	232	251
20	76.8	74.2	66.4	64.7	58.9	58.4	53.4	56.5	53.6	57.0	55.8	61.0	68.7	71.4	80.9	84.7	94.0	95.8	104
25	11.9	12.7	8.98	8.44	7.02	7.12	6.23	6.70	6.29	6.85	6.54	7.84	11.7	11.5	15.6	16.5	20.2	20.4	23.6
30	3.41	3.33	3.05	2.93	2.72	2.68	2.57	2.68	2.64	2.62	2.59	2.64	2.82	2.93	3.22	3.25	3.43	3.48	3.63
35	1.24	1.22	1.16	1.16	1.09	1.08	1.02	1.06	1.00	1.02	1.00	1.06	1.16	1.17	1.28	1.29	1.38	1.40	1.50
40	0.50	0.50	0.48	0.49	0.48	0.47	0.46	0.46	0.46	0.46	0.46	0.48	0.49	0.50	0.52	0.52	0.55	0.55	0.57
45	0.35	0.35	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.35	0.34	0.35	0.35	0.35	0.36	0.36	0.37
50	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.28	0.28	0.28	0.28	0.28	0.28	0.28
55	0.28	0.28	0.28	0.28	0.29	0.29	0.29	0.29	0.29	0.28	0.29	0.29	0.26	0.26	0.26	0.26	0.25	0.25	0.25
60	0.30	0.30	0.30	0.30	0.31	0.30	0.31	0.31	0.31	0.30	0.31	0.30	0.26	0.26	0.26	0.26	0.25	0.25	0.25
65	0.33	0.33	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.33	0.29	0.29	0.29	0.29	0.28	0.28	0.28
70	0.36	0.36	0.36	0.36	0.37	0.37	0.37	0.36	0.37	0.36	0.37	0.36	0.32	0.32	0.32	0.32	0.31	0.31	0.31
75	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.34	0.34	0.33	0.34	0.33	0.33	0.33
80	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.35	0.35	0.35	0.35	0.35	0.35	0.34
85	0.36	0.36	0.35	0.35	0.35	0.34	0.34	0.34	0.34	0.34	0.34	0.35	0.36	0.36	0.36	0.36	0.35	0.35	0.35
90	0.30	0.29	0.29	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.36	0.36	0.36	0.36	0.36	0.36	0.36
95	0.23	0.22	0.22	0.22	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.22	0.36	0.36	0.36	0.36	0.36	0.36	0.36
100	0.19	0.19	0.19	0.18	0.18	0.18	0.19	0.18	0.19	0.18	0.19	0.19	0.36	0.36	0.36	0.36	0.36	0.36	0.36
105	0.20	0.20	0.20	0.20	0.20	0.20	0.21	0.20	0.21	0.20	0.21	0.20	0.36	0.36	0.36	0.36	0.36	0.36	0.36
110	0.23	0.23	0.24	0.24	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.24	0.36	0.36	0.36	0.36	0.36	0.36	0.36
115	0.28	0.28	0.28	0.29	0.29	0.29	0.30	0.29	0.30	0.29	0.30	0.29	0.37	0.37	0.37	0.37	0.37	0.37	0.36
120	0.33	0.33	0.34	0.34	0.35	0.35	0.36	0.36	0.36	0.35	0.35	0.35	0.41	0.41	0.40	0.40	0.40	0.39	0.39
125	0.43	0.44	0.45	0.46	0.47	0.47	0.48	0.48	0.48	0.47	0.47	0.46	0.51	0.50	0.49	0.48	0.47	0.47	0.46
130	0.61	0.62	0.64	0.64	0.66	0.66	0.67	0.67	0.67	0.66	0.66	0.64	0.67	0.66	0.65	0.64	0.62	0.62	0.61
135	0.82	0.83	0.85	0.86	0.88	0.88	0.89	0.88	0.89	0.87	0.87	0.85	0.87	0.86	0.85	0.84	0.82	0.82	0.81
140	1.02	1.03	1.04	1.05	1.06	1.06	1.07	1.06	1.06	1.05	1.05	1.04	1.06	1.05	1.03	1.03	1.01	1.01	1.00
145	1.15	1.16	1.16	1.17	1.17	1.17	1.18	1.17	1.17	1.17	1.17	1.16	1.18	1.17	1.17	1.16	1.15	1.15	1.14
150	1.22	1.23	1.23	1.23	1.24	1.24	1.24	1.24	1.24	1.23	1.23	1.22	1.25	1.25	1.24	1.24	1.23	1.23	1.23
155	1.27	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.27	1.28	1.27	1.29	1.29	1.29	1.28	1.28	1.28	1.28
160	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.30	1.31	1.31	1.31	1.31	1.31	1.30	1.30
165	1.32	1.32	1.32	1.32	1.32	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.32	1.31	1.32	1.31	1.32	1.31	1.32
170	1.27	1.27	1.26	1.26	1.25	1.26	1.25	1.26	1.26	1.26	1.26	1.27	1.27	1.26	1.27	1.27	1.28	1.28	1.28
175	1.16	1.15	1.14	1.14	1.14	1.14	1.14	1.14	1.15	1.16	1.16	1.17	1.15	1.15	1.16	1.16	1.18	1.18	1.19
180	1.13	1.13	1.13	1.13	1.14	1.14	1.14	1.15	1.15	1.16	1.16	1.16	1.13	1.13	1.13	1.13	1.14	1.14	1.15

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2016-03-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.250m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.5V I:0.0930A P:20.10W PF:0.9480 Lamp Flux:1474.4x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: x10cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	1047	1047	1047	1047	1047														
5	984	992	976	976	955														
10	606	619	592	598	556														
15	241	247	231	232	211														
20	102	103	96.2	95.4	85.8														
25	21.8	23.2	18.6	18.1	15.0														
30	3.62	3.80	3.69	3.76	3.60														
35	1.49	1.56	1.51	1.52	1.38														
40	0.57	0.57	0.54	0.53	0.51														
45	0.36	0.36	0.35	0.35	0.34														
50	0.28	0.28	0.27	0.27	0.27														
55	0.25	0.25	0.25	0.24	0.25														
60	0.25	0.25	0.25	0.25	0.25														
65	0.28	0.28	0.28	0.28	0.28														
70	0.31	0.31	0.31	0.31	0.31														
75	0.33	0.33	0.33	0.33	0.33														
80	0.34	0.34	0.34	0.34	0.34														
85	0.35	0.35	0.35	0.35	0.35														
90	0.36	0.36	0.36	0.35	0.36														
95	0.36	0.36	0.36	0.36	0.36														
100	0.36	0.36	0.36	0.36	0.36														
105	0.36	0.36	0.36	0.35	0.35														
110	0.36	0.36	0.36	0.35	0.35														
115	0.36	0.36	0.36	0.36	0.36														
120	0.39	0.39	0.39	0.39	0.39														
125	0.46	0.46	0.47	0.47	0.47														
130	0.61	0.61	0.61	0.62	0.63														
135	0.81	0.80	0.81	0.81	0.83														
140	1.00	1.00	1.00	1.01	1.02														
145	1.14	1.14	1.14	1.14	1.15														
150	1.22	1.22	1.22	1.22	1.23														
155	1.27	1.27	1.27	1.27	1.27														
160	1.30	1.30	1.30	1.30	1.30														
165	1.31	1.31	1.31	1.31	1.31														
170	1.28	1.28	1.28	1.28	1.28														
175	1.19	1.19	1.19	1.19	1.19														
180	1.15	1.15	1.16	1.16	1.16														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2016-03-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.250m [K=1.0000]
Remarks: