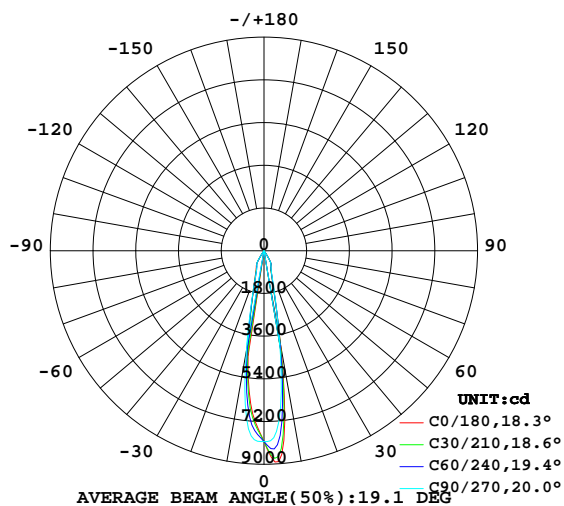


## LUMINAIRE PHOTOMETRIC TEST REPORT

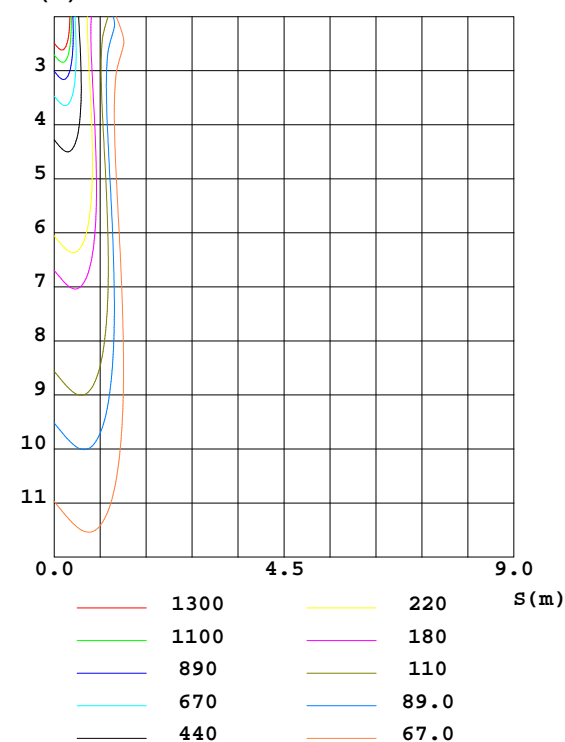
Test:U:226.6V I:0.0920A P:19.90W PF:0.9500 Lamp Flux:1627.57x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 81.79 lm/W			
MODEL	GL10-20W-940-W-20	Imax(cd)	8915	S/MH(C0/180)	0.32
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.33
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1627.6	η UP,DN(C0-180)	1.2,47.9
NOMINAL FLUX(lm)	1627.57	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,49.5
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:ZhangXiao  
Test Date:2016-09-06

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	4058	4060	3739	3635	3694	3788	4306	4213	0- 10	591.8	591.8	36.4,36.4
20	864.3	899.2	914.5	990.0	1051	972.0	974.3	922.3	10- 20	499.4	1091	67,67
30	550.0	558.4	529.2	569.9	590.0	576.2	589.4	566.4	20- 30	336.2	1427	87.7,87.7
40	36.20	36.60	35.34	36.84	35.73	36.70	37.95	35.56	30- 40	109.6	1537	94.4,94.4
50	14.58	15.01	14.32	14.97	14.94	14.98	15.20	14.84	40- 50	17.74	1555	95.5,95.5
60	9.869	9.881	9.861	9.948	9.618	9.717	9.901	9.594	50- 60	10.57	1565	96.2,96.2
70	7.505	7.538	7.405	7.449	7.267	7.371	7.409	7.366	60- 70	8.526	1574	96.7,96.7
80	5.299	5.347	5.293	5.318	5.266	5.328	5.308	5.274	70- 80	6.684	1580	97.1,97.1
90	3.174	3.237	3.120	3.056	3.754	3.883	3.787	3.777	80- 90	4.881	1585	97.4,97.4
100	2.350	2.379	2.380	2.362	3.879	3.945	3.904	3.876	90-100	3.582	1589	97.6,97.6
110	3.244	3.256	3.271	3.251	4.255	4.303	4.289	4.272	100-110	3.589	1593	97.8,97.8
120	4.390	4.373	4.360	4.280	5.038	5.094	5.094	5.127	110-120	4.177	1597	98.1,98.1
130	6.862	6.953	7.087	6.993	7.474	7.480	7.374	7.398	120-130	5.138	1602	98.4,98.4
140	10.76	10.85	10.86	10.72	10.88	10.94	10.87	10.92	130-140	7.006	1609	98.9,98.9
150	12.65	12.71	12.71	12.60	12.76	12.87	12.83	12.85	140-150	7.481	1616	99.3,99.3
160	13.39	13.49	13.50	13.45	13.48	13.58	13.54	13.51	150-160	6.089	1622	99.7,99.7
170	13.53	13.61	13.55	13.60	13.66	13.76	13.71	13.66	160-170	3.877	1626	99.9,99.9
180	12.65	12.66	12.67	12.71	12.65	12.67	12.67	12.71	170-180	1.262	1628	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

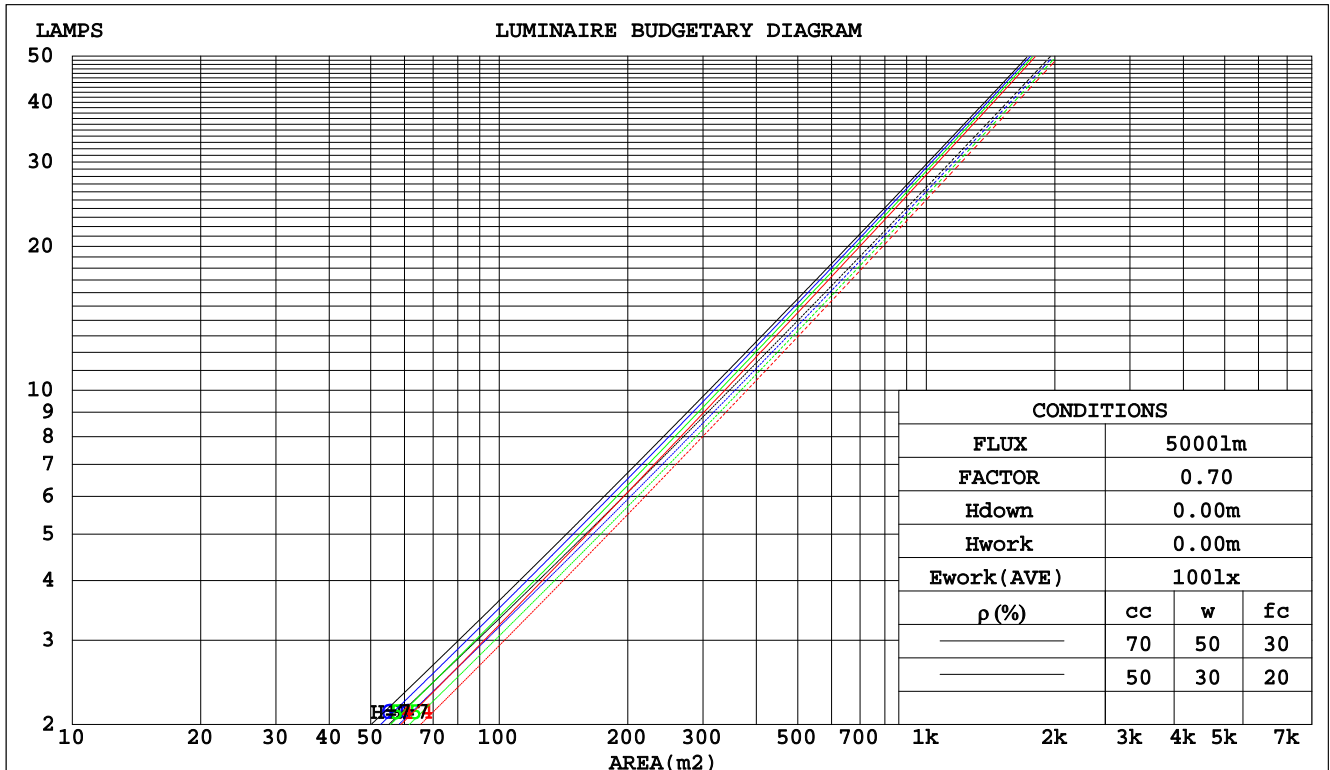
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-06

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:

### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.6V I:0.0920A P:19.90W PF:0.9500 Lamp Flux:1627.57x1 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	1.12	1.09	1.08	1.09	1.07	1.06	1.05	1.03	1.02	1.01	.99	.98	.97	.96	.95	.93
2.0	1.06	1.02	.00	1.04	1.01	.98	1.00	.98	.96	.97	.95	.93	.94	.92	.91	.90
3.0	1.01	.97	.94	.99	.96	.93	.96	.93	.91	.94	.91	.89	.91	.89	.88	.86
4.0	.96	.92	.89	.95	.91	.88	.93	.89	.87	.90	.88	.85	.88	.86	.84	.83
5.0	.92	.88	.84	.91	.87	.84	.89	.86	.83	.88	.85	.82	.86	.83	.81	.80
6.0	.89	.84	.81	.88	.84	.81	.86	.83	.80	.85	.82	.79	.83	.81	.79	.77
7.0	.86	.81	.78	.85	.81	.78	.83	.80	.77	.82	.79	.77	.81	.78	.76	.75
8.0	.83	.78	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.79	.76	.74	.73
9.0	.80	.76	.73	.80	.75	.73	.79	.75	.72	.78	.74	.72	.77	.74	.71	.70
10.0	.78	.73	.70	.77	.73	.70	.76	.73	.70	.75	.72	.70	.75	.72	.69	.68



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-06

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:226.6V I:0.0920A P:19.90W PF:0.9500 Lamp Flux:1627.57x1 lm					
NAME:		TYPE:		WEIGHT:	
DIM.:		SPEC.:		SERIAL No.:	
MFR.: Rayconn		SUR.:		PROTECTION ANGLE:	

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.151	.086	.027	.143	.082	.026	.129	.074	.024	.117	.067	.022	.105	.061	.020	
2.0	.139	.076	.023	.133	.073	.023	.121	.068	.021	.111	.062	.019	.101	.057	.018	
3.0	.130	.069	.021	.124	.067	.020	.114	.062	.019	.105	.058	.018	.097	.054	.017	
4.0	.121	.063	.019	.117	.061	.018	.108	.057	.017	.100	.054	.016	.093	.051	.015	
5.0	.114	.058	.017	.110	.057	.016	.103	.053	.016	.096	.051	.015	.089	.048	.014	
6.0	.108	.054	.015	.104	.053	.015	.098	.050	.015	.092	.048	.014	.086	.045	.013	
7.0	.102	.050	.014	.099	.049	.014	.093	.047	.014	.088	.045	.013	.083	.043	.013	
8.0	.097	.047	.013	.094	.046	.013	.089	.045	.013	.084	.043	.012	.080	.041	.012	
9.0	.092	.045	.012	.090	.044	.012	.086	.042	.012	.081	.041	.012	.077	.039	.011	
10.0	.088	.042	.012	.086	.042	.012	.082	.040	.011	.078	.039	.011	.075	.038	.011	

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.189	.177	.167	.162	.152	.144	.111	.105	.099	.064	.061	.058	.020	.020	.019	
2.0	.172	.153	.137	.147	.131	.118	.101	.091	.082	.058	.053	.048	.019	.017	.016	
3.0	.158	.134	.114	.135	.115	.099	.093	.080	.070	.054	.047	.041	.017	.015	.013	
4.0	.146	.118	.098	.125	.102	.085	.086	.071	.060	.050	.042	.035	.016	.014	.012	
5.0	.135	.106	.085	.116	.092	.074	.080	.064	.052	.046	.038	.031	.015	.012	.010	
6.0	.127	.096	.075	.109	.084	.065	.075	.058	.046	.044	.034	.027	.014	.011	.009	
7.0	.119	.088	.067	.103	.077	.058	.071	.054	.041	.041	.032	.025	.013	.010	.008	
8.0	.113	.082	.060	.097	.071	.053	.067	.050	.037	.039	.029	.022	.013	.010	.007	
9.0	.107	.076	.055	.092	.066	.048	.064	.047	.034	.037	.027	.020	.012	.009	.007	
10.0	.102	.072	.051	.088	.062	.045	.061	.044	.032	.036	.026	.019	.012	.008	.006	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-06

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:226.6V I:0.0920A P:19.90W PF:0.9500 Lamp Flux:1627.57x1 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	11.5	12.2	11.7	12.4	12.6	11.4	12.1	11.6	12.3	12.5	
	3H	11.8	12.5	12.1	12.7	13.0	11.7	12.4	12.0	12.6	12.8
	4H	12.1	12.7	12.4	13.0	13.2	12.0	12.6	12.3	12.9	13.1
	6H	12.5	13.1	12.8	13.4	13.7	12.4	13.0	12.8	13.3	13.6
	8H	12.8	13.3	13.1	13.6	13.9	12.7	13.3	13.0	13.6	13.9
	12H	13.1	13.7	13.5	14.0	14.3	13.1	13.6	13.4	13.9	14.2
4H	2H	11.5	12.1	11.8	12.3	12.6	11.4	12.0	11.7	12.2	12.5
	3H	12.0	12.5	12.3	12.8	13.1	11.9	12.4	12.2	12.7	13.0
	4H	12.4	12.9	12.8	13.3	13.6	12.3	12.8	12.7	13.2	13.5
	6H	13.0	13.5	13.5	13.9	14.2	13.0	13.4	13.4	13.8	14.2
	8H	13.4	13.8	13.9	14.2	14.7	13.4	13.8	13.8	14.2	14.6
	12H	13.9	14.3	14.4	14.7	15.2	13.9	14.3	14.4	14.7	15.1
8H	4H	12.6	13.0	13.0	13.4	13.8	12.5	12.9	12.9	13.3	13.7
	6H	13.4	13.7	13.9	14.2	14.6	13.3	13.7	13.8	14.1	14.6
	8H	14.0	14.3	14.5	14.7	15.2	13.9	14.2	14.4	14.7	15.2
	12H	14.7	14.9	15.2	15.4	15.9	14.7	15.0	15.2	15.4	16.0
12H	4H	12.6	13.0	13.0	13.4	13.8	12.5	12.9	13.0	13.3	13.7
	6H	13.5	13.8	14.0	14.3	14.8	13.5	13.8	13.9	14.2	14.7
	8H	14.2	14.4	14.7	14.9	15.4	14.1	14.4	14.6	14.9	15.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.4					
1.5H	+ 0.8 / - 0.3					+ 0.7 / - 0.2					
2.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					

CIE Pub.117 Corrected 1628 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.7)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-06

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:226.6V I:0.0920A P:19.90W PF:0.9500 Lamp Flux:1627.57x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

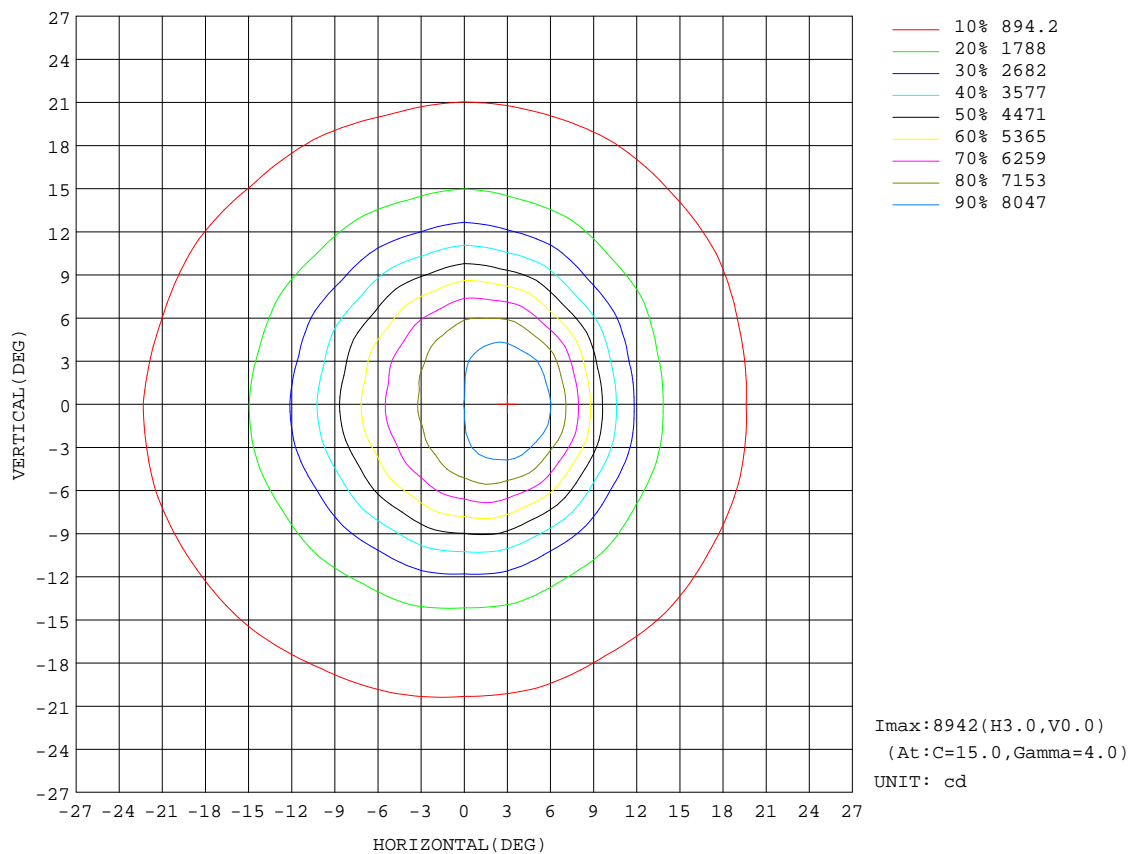
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	79	88	82	78	87	81	78	75
0.80	95	90	86	94	89	86	93	88	85	82
1.00	99	94	90	98	93	90	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	104	100	97	102	98	96	91
2.00	108	104	101	106	103	100	103	100	98	92
2.50	110	106	103	108	104	102	104	102	100	93
3.00	111	108	105	109	106	104	105	103	101	94
4.00	113	110	108	111	109	107	107	105	104	96
5.00	114	112	110	112	110	109	108	106	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:ZhangXiao  
Test Date:2016-09-06

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  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:226.6V I:0.0920A P:19.90W PF:0.9500 Lamp Flux:1627.57x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

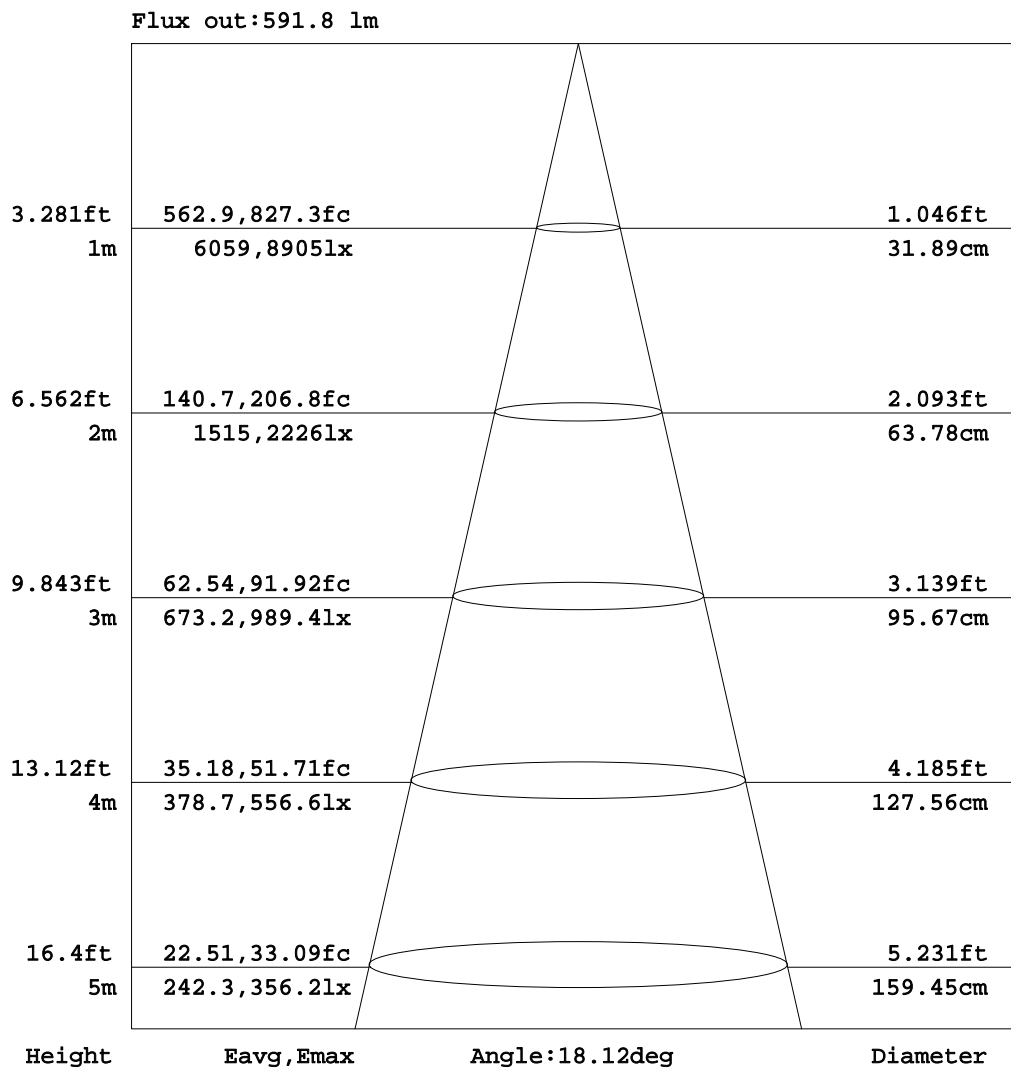


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-06

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:226.6V I:0.0920A P:19.90W PF:0.9500 Lamp Flux:1627.57x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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

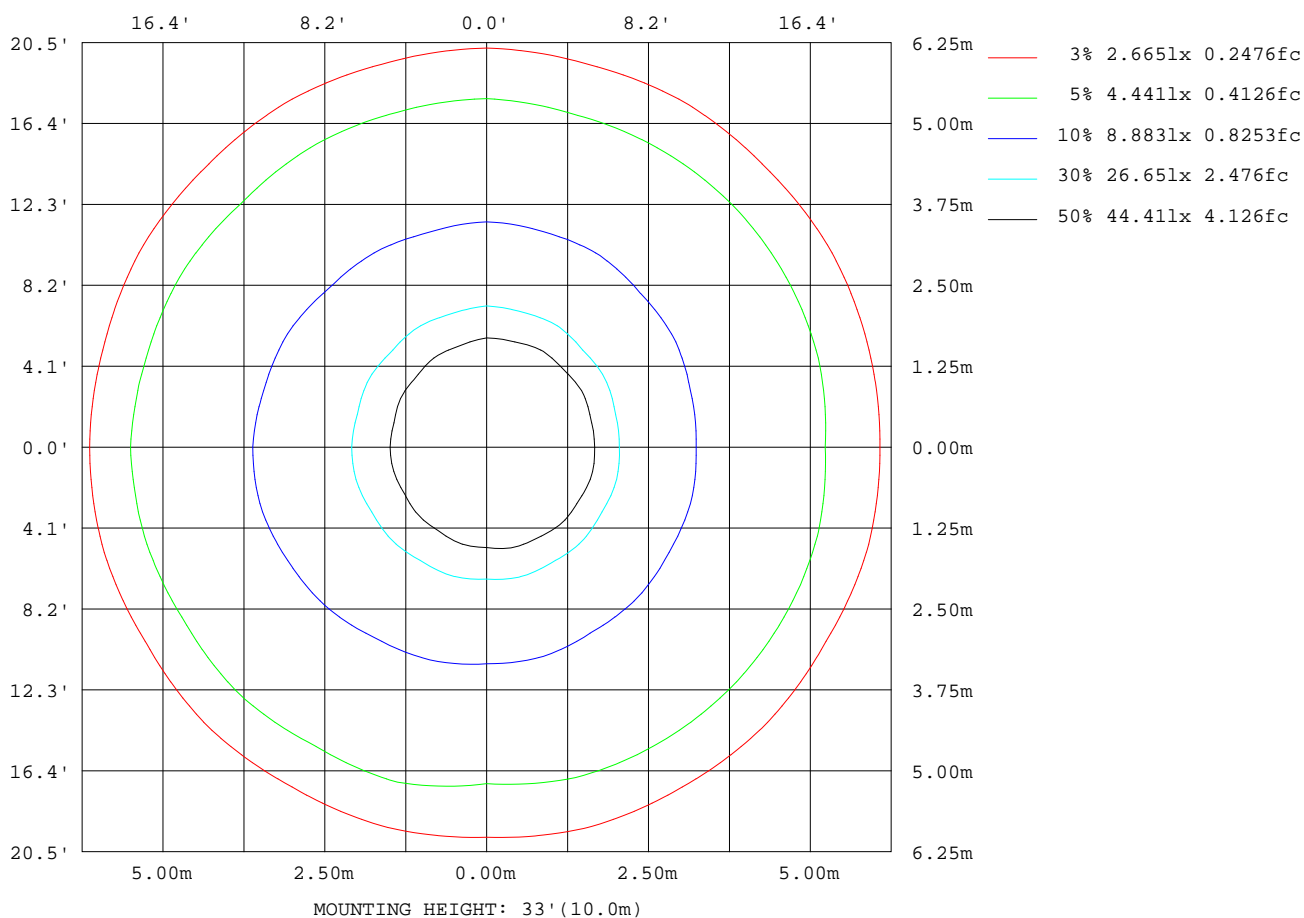
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-09-06

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

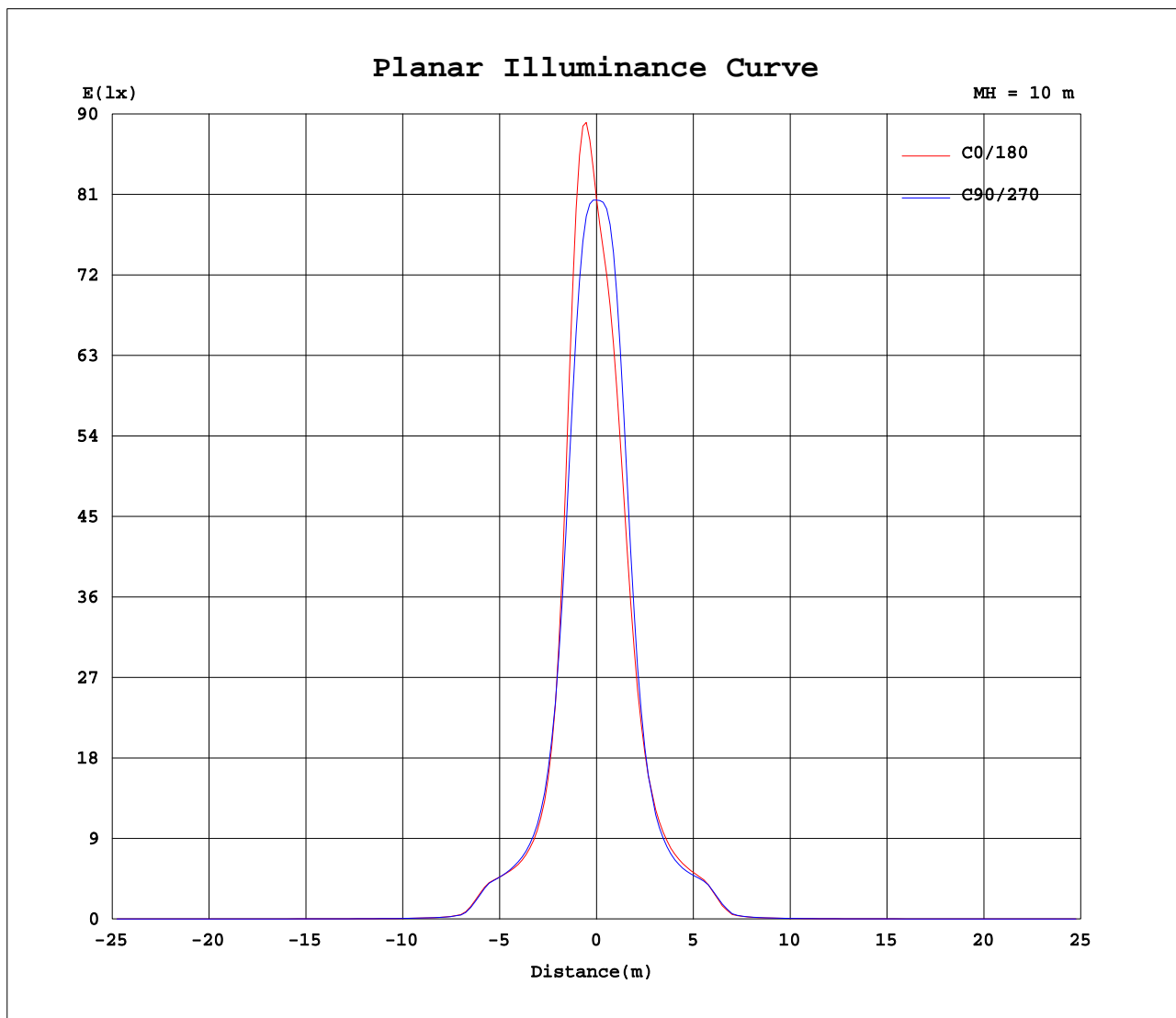
Test:U:226.6V I:0.0920A P:19.90W PF:0.9500 Lamp Flux:1627.57x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-09-06

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: 2016-09-06

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:226.6V I:0.0920A P:19.90W PF:0.9500 Lamp Flux:1627.57x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										SUR.:					PROTECTION ANGLE:				

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	8038	8038	8038	8038	8038	8038	8038	8038	8038	8038	8038	8038	8038	8038	8038	8038	8038	8038	8038
5	8608	8653	8366	8215	7815	7592	7219	7017	6756	6644	6507	6490	6482	6507	6656	6771	7021	7216	7538
10	4058	4164	3974	4060	3869	3912	3739	3745	3601	3635	3576	3658	3694	3646	3805	3788	4016	4035	4306
15	1464	1535	1461	1563	1508	1615	1568	1654	1615	1690	1697	1762	1771	1733	1749	1687	1739	1706	1780
20	864	885	879	899	890	919	915	942	951	990	1016	1049	1051	1021	1011	972	972	953	974
25	686	698	698	701	697	703	694	715	722	735	750	763	776	758	745	727	727	712	717
30	550	563	541	558	548	556	529	554	545	570	558	584	590	581	589	576	587	578	589
35	91.3	93.1	83.6	88.7	83.9	88.0	82.6	89.9	85.7	91.6	89.3	96.0	93.2	91.6	98.6	94.8	100.0	96.5	108
40	36.2	36.7	36.0	36.6	35.2	35.6	35.3	36.3	36.4	36.8	36.8	36.5	35.7	36.0	36.4	36.7	37.0	36.9	38.0
45	21.6	21.9	21.6	21.9	21.2	21.4	21.1	21.6	21.6	22.0	21.8	21.9	21.5	21.6	22.0	22.1	22.5	22.2	22.6
50	14.6	14.8	14.9	15.0	14.6	14.5	14.3	14.6	14.6	15.0	15.1	15.1	14.9	15.0	15.0	15.0	15.1	15.0	15.2
55	11.6	11.7	11.7	11.7	11.5	11.4	11.2	11.3	11.4	11.6	11.8	11.7	11.5	11.7	11.6	11.5	11.6	11.7	11.7
60	9.87	9.96	9.87	9.88	9.77	9.92	9.86	9.91	9.82	9.95	10.1	9.87	9.62	9.74	9.79	9.72	9.82	9.87	9.90
65	8.67	8.81	8.74	8.75	8.64	8.72	8.67	8.72	8.70	8.73	8.78	8.62	8.37	8.50	8.51	8.53	8.56	8.61	8.56
70	7.50	7.59	7.51	7.54	7.40	7.46	7.40	7.42	7.43	7.45	7.52	7.39	7.27	7.36	7.36	7.37	7.42	7.44	7.41
75	6.34	6.39	6.29	6.37	6.28	6.38	6.24	6.31	6.28	6.31	6.32	6.34	6.26	6.31	6.24	6.29	6.34	6.39	6.32
80	5.30	5.34	5.29	5.35	5.30	5.40	5.29	5.31	5.31	5.32	5.36	5.31	5.27	5.30	5.27	5.33	5.37	5.45	5.31
85	4.34	4.37	4.32	4.40	4.42	4.72	4.33	4.34	4.34	4.33	4.35	4.35	4.52	4.56	4.53	4.60	4.69	4.94	4.56
90	3.17	3.16	3.13	3.24	3.29	3.73	3.12	3.09	3.10	3.06	3.08	3.05	3.75	3.79	3.77	3.88	4.07	4.39	3.79
95	2.64	2.62	2.60	2.69	2.70	3.05	2.58	2.55	2.56	2.52	2.54	2.51	3.81	3.84	3.82	3.92	4.06	4.18	3.85
100	2.35	2.34	2.34	2.38	2.39	2.49	2.38	2.37	2.38	2.36	2.37	2.36	3.88	3.91	3.89	3.95	3.97	4.02	3.90
105	2.60	2.61	2.62	2.65	2.67	2.71	2.70	2.69	2.72	2.70	2.74	2.71	4.03	4.07	4.04	4.08	4.07	4.10	4.05
110	3.24	3.24	3.25	3.26	3.28	3.28	3.27	3.25	3.27	3.25	3.27	3.24	4.25	4.29	4.27	4.30	4.29	4.32	4.29
115	3.84	3.84	3.83	3.82	3.82	3.81	3.80	3.76	3.78	3.75	3.77	3.72	4.56	4.60	4.58	4.61	4.59	4.62	4.60
120	4.39	4.39	4.38	4.37	4.39	4.36	4.36	4.32	4.33	4.28	4.30	4.23	5.04	5.08	5.05	5.09	5.06	5.10	5.09
125	5.31	5.31	5.34	5.32	5.37	5.33	5.37	5.29	5.35	5.24	5.30	5.19	5.92	5.97	5.89	5.96	5.90	5.96	5.94
130	6.86	6.89	6.95	6.95	7.02	6.99	7.09	7.02	7.11	6.99	7.09	6.97	7.47	7.54	7.40	7.48	7.38	7.44	7.37
135	8.88	8.92	8.99	9.00	9.06	9.04	9.12	9.07	9.13	9.03	9.11	8.99	9.30	9.37	9.23	9.31	9.21	9.28	9.18
140	10.8	10.8	10.8	10.8	10.8	10.8	10.9	10.8	10.8	10.7	10.8	10.7	10.9	11.0	10.8	10.9	10.9	10.9	10.9
145	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9	11.9	11.8	12.0	12.1	12.0	12.1	12.1	12.1	12.1
150	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.6	12.7	12.6	12.8	12.9	12.8	12.9	12.8	12.9	12.8
155	13.1	13.2	13.1	13.2	13.1	13.2	13.2	13.1	13.2	13.1	13.2	13.1	13.2	13.3	13.2	13.3	13.2	13.3	13.3
160	13.4	13.5	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.4	13.5	13.4	13.5	13.6	13.5	13.6	13.5	13.6	13.5
165	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.8	13.7	13.8	13.7	13.7	13.8	13.7	13.8	13.8	13.8	13.8
170	13.5	13.6	13.5	13.6	13.5	13.6	13.6	13.6	13.6	13.6	13.7	13.6	13.7	13.8	13.7	13.8	13.7	13.7	13.7
175	13.0	13.0	12.9	12.9	12.8	12.9	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.9	12.9	13.0	13.0	13.1	13.1
180	12.7	12.7	12.6	12.7	12.6	12.7	12.7	12.7	12.7	12.7	12.8	12.7	12.6	12.7	12.6	12.7	12.6	12.7	12.7

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-09-06

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:226.6V I:0.0920A P:19.90W PF:0.9500 Lamp Flux:1627.57x1 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	8038	8038	8038	8038	8038														
5	7735	8085	8240	8543	8548														
10	4259	4447	4213	4347	4054														
15	1708	1727	1604	1636	1486														
20	958	961	922	919	879														
25	716	720	712	711	694														
30	567	581	566	578	563														
35	99.6	105	91.1	95.1	91.3														
40	37.5	38.4	35.6	36.1	35.9														
45	22.4	22.8	21.5	21.8	21.3														
50	15.3	15.5	14.8	14.7	14.3														
55	11.7	11.7	11.5	11.4	11.2														
60	9.77	9.73	9.59	9.65	9.53														
65	8.57	8.53	8.50	8.53	8.45														
70	7.40	7.40	7.37	7.42	7.35														
75	6.32	6.30	6.30	6.29	6.27														
80	5.30	5.30	5.27	5.30	5.27														
85	4.55	4.55	4.52	4.53	4.51														
90	3.79	3.78	3.78	3.79	3.79														
95	3.83	3.83	3.82	3.83	3.82														
100	3.89	3.89	3.88	3.90	3.88														
105	4.06	4.05	4.04	4.05	4.04														
110	4.29	4.29	4.27	4.29	4.28														
115	4.62	4.62	4.61	4.63	4.63														
120	5.12	5.11	5.13	5.14	5.14														
125	5.98	5.97	5.99	6.00	6.01														
130	7.41	7.37	7.40	7.39	7.40														
135	9.22	9.17	9.20	9.19	9.19														
140	10.9	10.9	10.9	10.9	10.9														
145	12.1	12.1	12.1	12.1	12.1														
150	12.9	12.8	12.8	12.9	12.8														
155	13.3	13.3	13.3	13.3	13.2														
160	13.5	13.5	13.5	13.6	13.5														
165	13.8	13.8	13.7	13.8	13.7														
170	13.7	13.7	13.7	13.7	13.6														
175	13.1	13.2	13.1	13.2	13.1														
180	12.7	12.7	12.7	12.8	12.8														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-06

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: