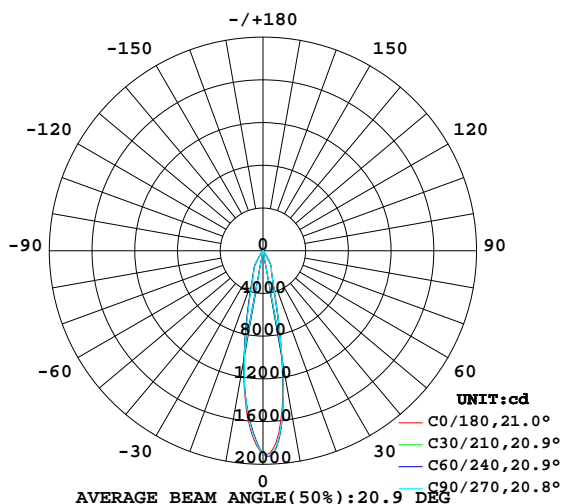


## LUMINAIRE PHOTOMETRIC TEST REPORT

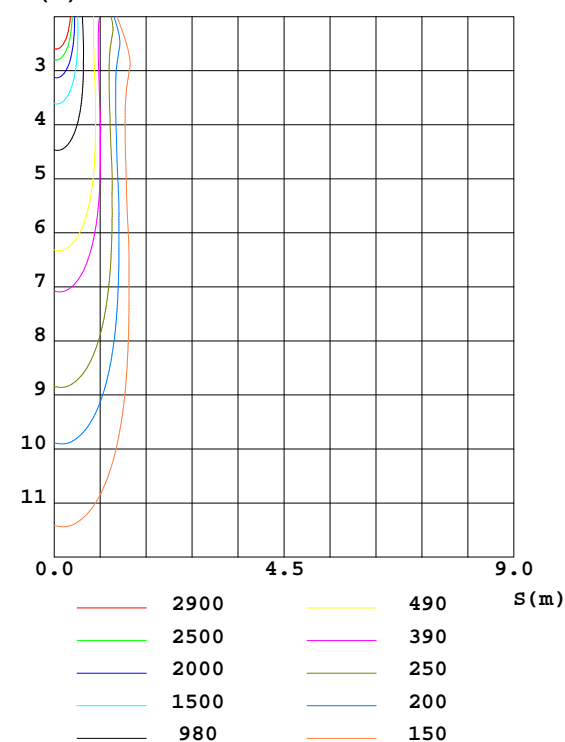
Test:U:226.6V I:0.1820A P:39.50W PF:0.9550 Lamp Flux:4256.55x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.76 lm/W			
MODEL	DL18-40W-830-W-20	Imax(cd)	19275	S/MH(C0/180)	0.36
NOMINAL POWER(W)	42	LOR(%)	100.0	S/MH(C90/270)	0.35
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	4256.6	η UP,DN(C0-180)	1.3,48.2
NOMINAL FLUX(lm)	4256.55	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,49.1
LAMPS INSIDE	1	η up(%)	2.7	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.6	η down(%)	97.3	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:2016-07-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.610m [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	1022	1050	1038	1061	1027	1004	1008	1002	0- 10	1375	1375	32.3,32.3
20	256.3	250.2	252.9	271.3	288.9	300.4	285.2	263.3	10- 20	1423	2798	65.7,65.7
30	127.4	129.5	127.1	140.7	145.4	144.6	144.5	134.6	20- 30	910.1	3709	87.1,87.1
40	10.38	10.57	10.65	11.60	13.24	12.78	12.10	10.81	30- 40	308.9	4017	94.4,94.4
50	3.779	3.683	3.709	3.719	3.858	3.914	3.851	3.646	40- 50	49.74	4067	95.6,95.6
60	2.454	2.445	2.434	2.489	2.455	2.349	2.364	2.373	50- 60	26.46	4094	96.2,96.2
70	1.825	1.830	1.811	1.853	1.833	1.773	1.768	1.764	60- 70	21.01	4115	96.7,96.7
80	1.294	1.275	1.263	1.296	1.323	1.315	1.312	1.298	70- 80	16.21	4131	97,97
90	0.9071	0.8617	0.8437	0.8523	1.056	1.027	1.021	1.028	80- 90	12.21	4143	97.3,97.3
100	0.7023	0.6868	0.6840	0.6856	1.067	1.056	1.054	1.063	90-100	9.850	4153	97.6,97.6
110	0.9049	0.9023	0.8975	0.8842	1.158	1.156	1.155	1.171	100-110	9.887	4163	97.8,97.8
120	1.230	1.235	1.226	1.199	1.384	1.379	1.381	1.410	110-120	11.45	4174	98.1,98.1
130	1.920	1.910	1.908	1.875	1.987	1.999	1.995	2.041	120-130	14.16	4188	98.4,98.4
140	2.851	2.857	2.850	2.820	2.845	2.858	2.858	2.910	130-140	18.63	4207	98.8,98.8
150	3.361	3.368	3.360	3.351	3.375	3.384	3.385	3.434	140-150	19.77	4227	99.3,99.3
160	3.544	3.564	3.564	3.572	3.579	3.578	3.589	3.599	150-160	16.13	4243	99.7,99.7
170	3.529	3.566	3.566	3.583	3.604	3.609	3.622	3.613	160-170	10.23	4253	99.9,99.9
180	3.409	3.433	3.417	3.430	3.430	3.421	3.425	3.425	170-180	3.347	4257	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

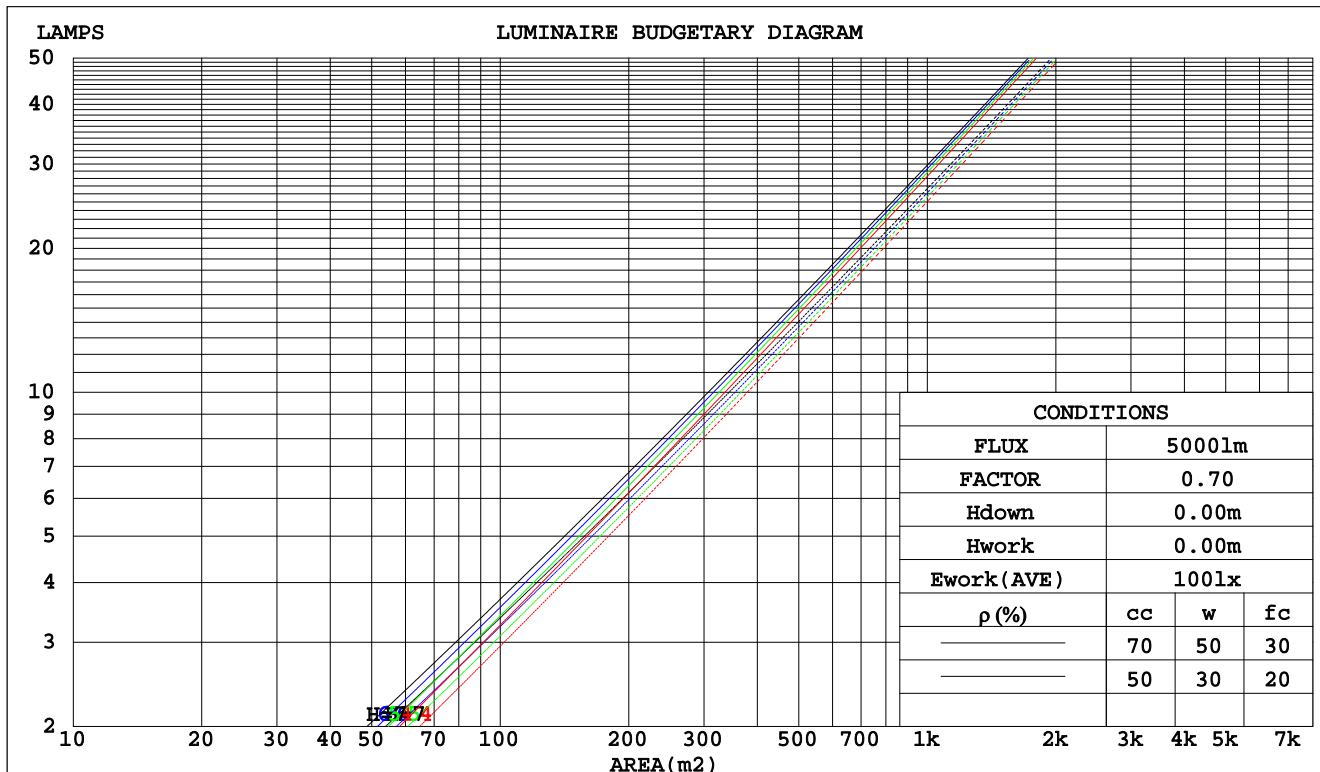
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-07-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.610m [K=1.0000]  
Remarks:

### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.6V I:0.1820A P:39.50W PF:0.9550 Lamp Flux:4256.55x1 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	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.00	.99	.98	.97	.96	.95	.93
2.0	1.05	1.02	.99	1.03	1.00	.98	.00	.97	.95	.97	.95	.93	.94	.92	.91	.89
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.90	.93	.91	.89	.91	.89	.87	.85
4.0	.96	.91	.88	.94	.90	.87	.92	.89	.86	.90	.87	.85	.88	.85	.83	.82
5.0	.92	.87	.84	.90	.86	.83	.89	.85	.82	.87	.84	.81	.85	.82	.80	.79
6.0	.88	.83	.80	.87	.83	.79	.85	.82	.79	.84	.81	.78	.82	.80	.77	.76
7.0	.85	.80	.77	.84	.79	.76	.82	.79	.76	.81	.78	.75	.80	.77	.75	.74
8.0	.81	.77	.74	.81	.77	.74	.80	.76	.73	.79	.75	.73	.78	.74	.72	.71
9.0	.79	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.70	.75	.72	.70	.69
10.0	.76	.72	.69	.76	.71	.69	.75	.71	.68	.74	.71	.68	.73	.70	.68	.67



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-07-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.610m [K=1.0000]  
Remarks:

# WEC AND CCEC

Test:U:226.6V I:0.1820A P:39.50W PF:0.9550 Lamp Flux:4256.55x1 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	.153	.087	.028	.146	.083	.026	.132	.076	.024	.119	.069	.022	.107	.062	.020		
2.0	.142	.078	.024	.136	.075	.023	.124	.069	.021	.113	.064	.020	.103	.058	.018		
3.0	.132	.070	.021	.127	.068	.020	.117	.063	.019	.108	.059	.018	.099	.055	.017		
4.0	.124	.064	.019	.120	.063	.018	.111	.059	.018	.103	.055	.017	.096	.052	.016		
5.0	.117	.060	.017	.113	.058	.017	.105	.055	.016	.098	.052	.015	.092	.049	.015		
6.0	.110	.055	.016	.107	.054	.016	.101	.052	.015	.094	.049	.014	.089	.047	.014		
7.0	.105	.052	.015	.102	.051	.014	.096	.049	.014	.091	.046	.014	.086	.044	.013		
8.0	.100	.049	.014	.097	.048	.014	.092	.046	.013	.087	.044	.013	.083	.042	.012		
9.0	.095	.046	.013	.093	.045	.013	.088	.044	.012	.084	.042	.012	.080	.041	.012		
10.0	.091	.044	.012	.089	.043	.012	.085	.042	.012	.081	.040	.011	.077	.039	.011		

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	.190	.178	.167	.163	.153	.144	.111	.105	.100	.064	.061	.058	.020	.020	.019	
2.0	.173	.153	.137	.148	.132	.118	.101	.091	.082	.059	.053	.048	.019	.017	.016	
3.0	.159	.134	.114	.136	.116	.099	.093	.080	.070	.054	.047	.041	.017	.015	.013	
4.0	.147	.119	.098	.126	.103	.085	.087	.072	.060	.050	.042	.035	.016	.014	.012	
5.0	.137	.107	.085	.117	.093	.074	.081	.065	.052	.047	.038	.031	.015	.012	.010	
6.0	.128	.097	.075	.110	.084	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
7.0	.121	.089	.067	.104	.077	.058	.072	.054	.041	.042	.032	.025	.013	.010	.008	
8.0	.115	.083	.061	.099	.072	.053	.068	.050	.038	.040	.030	.022	.013	.010	.007	
9.0	.109	.077	.056	.094	.067	.048	.065	.047	.034	.038	.028	.021	.012	.009	.007	
10.0	.104	.072	.051	.090	.063	.045	.062	.044	.032	.036	.026	.019	.012	.009	.006	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-07-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.610m [K=1.0000]  
Remarks:

### Uncorrected UGR Table

Test:U:226.6V I:0.1820A P:39.50W PF:0.9550 Lamp Flux:4256.55x1 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	15.2	15.9	15.4	16.1	16.3	15.1	15.8	15.4	16.0	16.2	
	3H	15.4	16.1	15.7	16.3	16.6	15.4	16.0	15.6	16.3	16.5
	4H	15.7	16.3	16.0	16.6	16.8	15.6	16.2	15.9	16.5	16.7
	6H	16.0	16.6	16.3	16.9	17.2	15.9	16.5	16.2	16.7	17.0
	8H	16.2	16.8	16.6	17.1	17.4	16.1	16.7	16.4	16.9	17.3
	12H	16.5	17.1	16.9	17.4	17.7	16.4	16.9	16.7	17.2	17.5
4H	2H	15.1	15.7	15.4	16.0	16.3	15.0	15.7	15.3	15.9	16.2
	3H	15.5	16.1	15.9	16.4	16.7	15.4	16.0	15.8	16.3	16.6
	4H	15.9	16.4	16.3	16.7	17.1	15.8	16.3	16.2	16.6	17.0
	6H	16.4	16.8	16.8	17.2	17.6	16.3	16.7	16.7	17.1	17.5
	8H	16.8	17.2	17.2	17.6	18.0	16.6	17.0	17.0	17.4	17.8
	12H	17.2	17.6	17.7	18.0	18.5	17.0	17.4	17.5	17.8	18.3
8H	4H	16.0	16.4	16.4	16.8	17.2	15.9	16.3	16.3	16.7	17.1
	6H	16.7	17.0	17.2	17.5	17.9	16.6	16.9	17.0	17.4	17.8
	8H	17.2	17.5	17.7	18.0	18.5	17.1	17.4	17.6	17.8	18.3
	12H	17.9	18.2	18.4	18.7	19.2	17.7	18.0	18.2	18.5	19.0
12H	4H	16.0	16.4	16.4	16.8	17.2	15.9	16.3	16.3	16.7	17.1
	6H	16.8	17.1	17.3	17.5	18.0	16.7	17.0	17.2	17.4	17.9
	8H	17.4	17.6	17.9	18.1	18.6	17.2	17.5	17.8	18.0	18.5
Variations with the observer position at spacings:											
S = 1.0H	+ 0.6 / - 0.5					+ 0.6 / - 0.5					
1.5H	+ 1.3 / - 0.4					+ 1.3 / - 0.4					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2					

CIE Pub.117 Corrected 4257 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.0)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-07-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.610m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:226.6V I:0.1820A P:39.50W PF:0.9550 Lamp Flux:4256.55x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

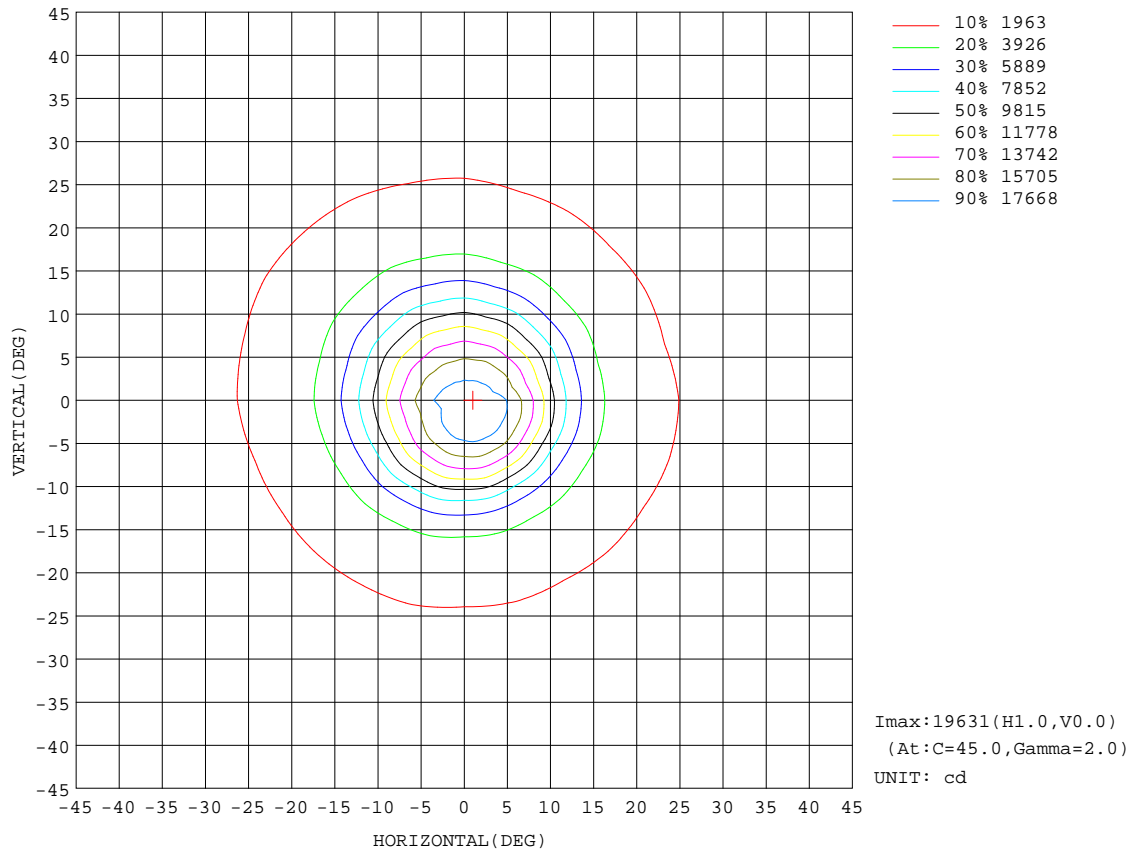
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	79	88	82	78	87	81	78	75
0.80	95	90	86	94	89	86	93	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:2016-07-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.610m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

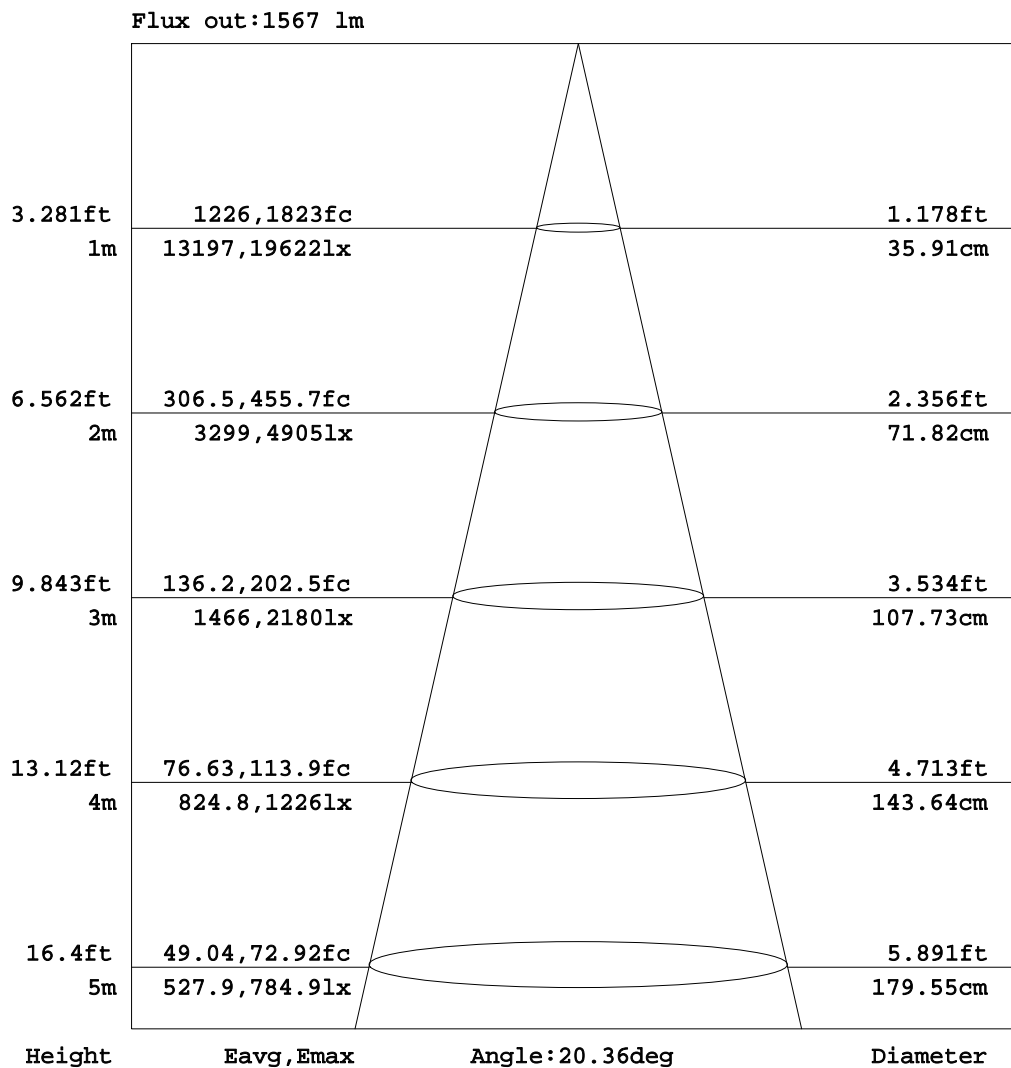
Test:U:226.6V I:0.1820A P:39.50W PF:0.9550 Lamp Flux:4256.55x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Temperature:25.3DEG	Humidity:65.0%
Operators:ZhangXiao	Test Distance:6.610m [K=1.0000]
Test Date:2016-07-28	Remarks:

### AAI Figure

Test:U:226.6V I:0.1820A P:39.50W PF:0.9550 Lamp Flux:4256.55x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



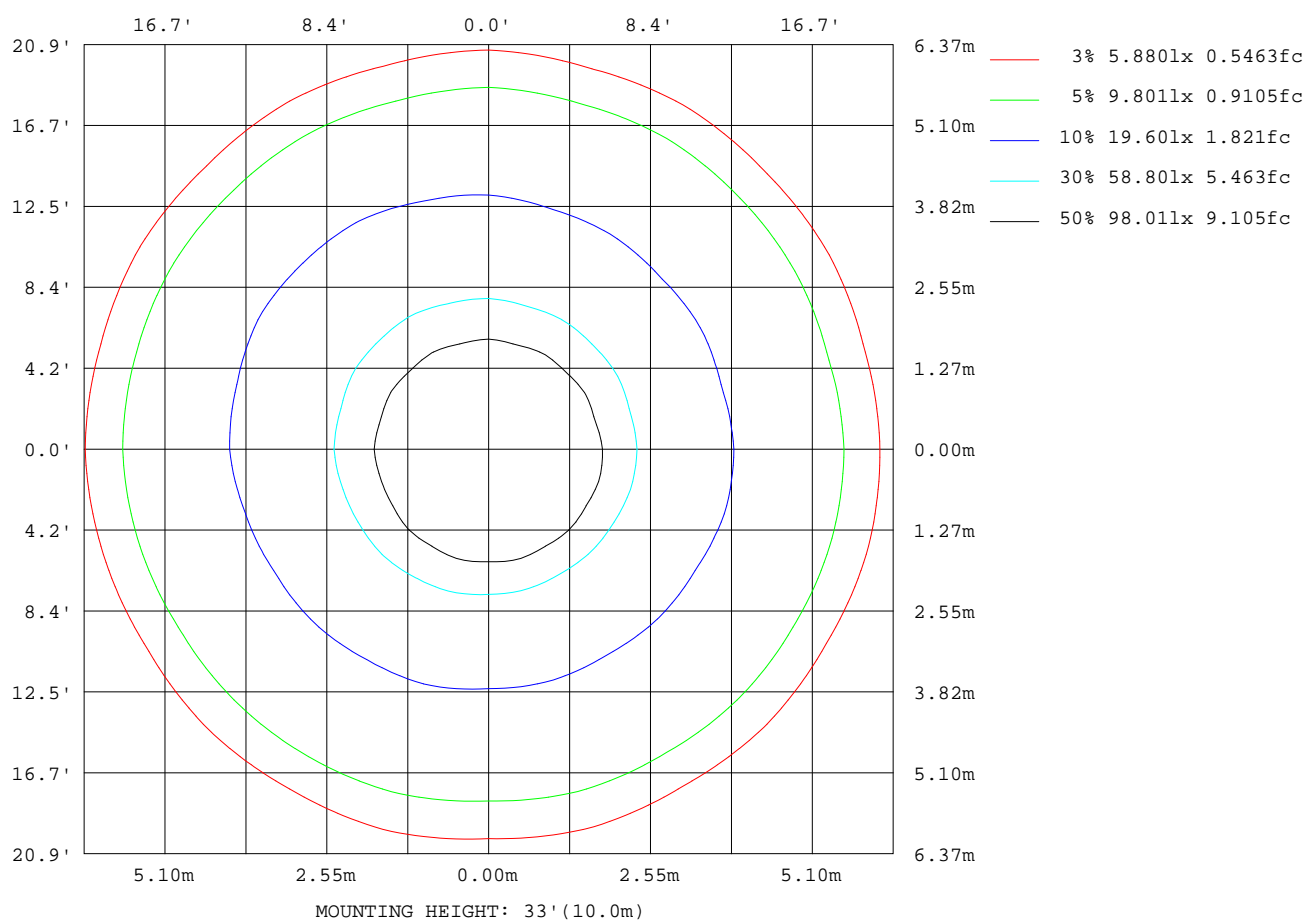
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-07-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.610m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

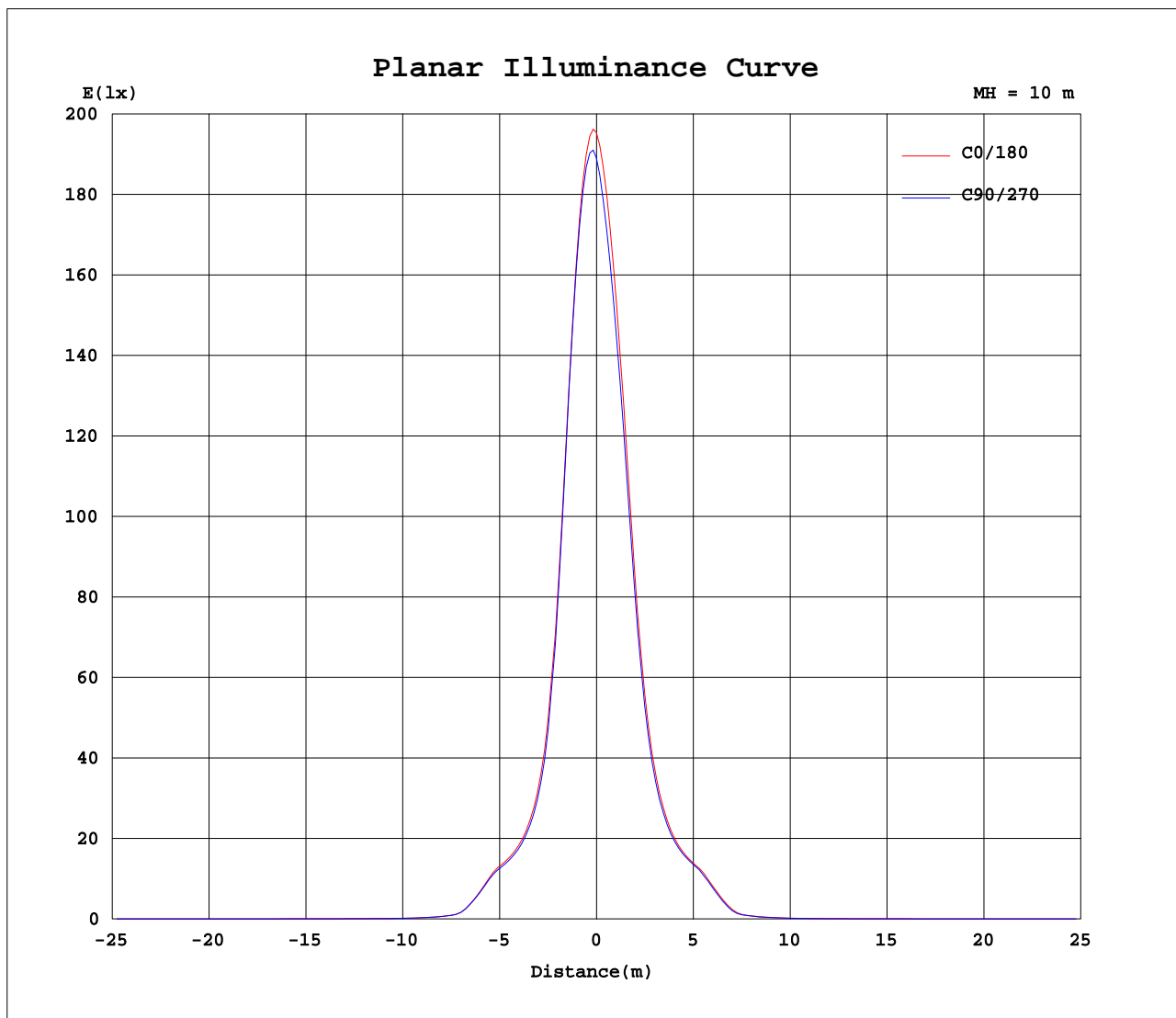
Test:U:226.6V I:0.1820A P:39.50W PF:0.9550 Lamp Flux:4256.55x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-07-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.610m [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: 2016-07-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.610m [K=1.0000]  
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.6V I:0.1820A P:39.50W PF:0.9550 Lamp Flux:4256.55x1 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	1899	1899	1899	1899	1899	1899	1899	1899	1899	1899	1899	1899	1899	1899	1899	1899	1899	1899	1899
5	1709	1745	1749	1771	1762	1771	1748	1741	1707	1689	1648	1628	1594	1563	1559	1540	1547	1541	1562
10	1022	1047	1020	1050	1027	1060	1038	1066	1043	1061	1034	1043	1027	1003	1026	1004	1022	992	1008
15	453	455	434	440	428	444	442	468	469	494	492	513	519	514	538	526	535	507	507
20	256	257	248	250	247	253	253	262	263	271	273	284	289	291	304	300	302	289	285
25	190	190	186	187	186	189	188	193	193	194	196	202	202	206	212	212	211	206	204
30	127	130	126	129	126	132	127	137	136	141	139	147	145	146	147	145	145	140	144
35	29.3	31.2	29.8	31.8	30.1	32.2	30.4	35.1	34.2	37.5	36.6	40.7	42.4	42.0	44.6	41.9	43.6	38.8	38.7
40	10.4	10.7	10.5	10.6	10.5	10.8	10.6	11.1	11.1	11.6	11.8	12.5	13.2	12.8	13.8	12.8	13.6	12.5	12.1
45	5.44	5.57	5.44	5.50	5.49	5.66	5.50	5.70	5.65	5.81	5.95	6.32	6.31	6.41	6.44	6.18	6.40	6.14	6.12
50	3.78	3.81	3.71	3.68	3.70	3.77	3.71	3.74	3.71	3.72	3.77	3.94	3.86	3.89	3.97	3.91	3.99	3.91	3.85
55	2.92	2.94	2.90	2.87	2.90	2.91	2.87	2.88	2.90	2.86	2.87	2.97	2.88	2.89	2.92	2.88	2.93	2.91	2.87
60	2.45	2.48	2.45	2.45	2.47	2.47	2.43	2.44	2.46	2.49	2.50	2.56	2.45	2.44	2.43	2.35	2.39	2.39	2.36
65	2.15	2.17	2.15	2.15	2.17	2.19	2.15	2.16	2.17	2.19	2.20	2.23	2.15	2.11	2.09	2.04	2.05	2.07	2.06
70	1.83	1.84	1.83	1.83	1.83	1.84	1.81	1.82	1.83	1.85	1.86	1.90	1.83	1.83	1.81	1.77	1.78	1.79	1.77
75	1.52	1.54	1.50	1.51	1.50	1.52	1.49	1.52	1.53	1.55	1.56	1.59	1.56	1.55	1.55	1.54	1.54	1.53	1.52
80	1.29	1.29	1.27	1.28	1.27	1.28	1.26	1.27	1.28	1.30	1.30	1.33	1.32	1.33	1.32	1.32	1.32	1.32	1.31
85	1.10	1.09	1.06	1.07	1.06	1.06	1.05	1.06	1.06	1.08	1.08	1.18	1.21	1.18	1.15	1.15	1.15	1.15	1.14
90	0.91	0.88	0.85	0.86	0.85	0.85	0.84	0.84	0.85	0.85	0.85	0.92	1.06	1.06	1.02	1.03	1.02	1.02	1.02
95	0.77	0.76	0.74	0.75	0.74	0.74	0.73	0.73	0.73	0.74	0.74	0.80	1.07	1.07	1.03	1.04	1.03	1.04	1.04
100	0.70	0.70	0.69	0.69	0.69	0.68	0.68	0.68	0.68	0.69	0.69	0.71	1.07	1.07	1.05	1.06	1.05	1.06	1.05
105	0.77	0.76	0.76	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.76	1.10	1.10	1.09	1.10	1.09	1.10	1.09
110	0.90	0.90	0.91	0.90	0.91	0.90	0.90	0.89	0.89	0.88	0.89	0.88	1.16	1.16	1.15	1.16	1.15	1.16	1.15
115	1.06	1.06	1.06	1.06	1.06	1.05	1.05	1.04	1.05	1.03	1.03	1.02	1.25	1.25	1.24	1.24	1.24	1.25	1.24
120	1.23	1.23	1.24	1.23	1.24	1.23	1.23	1.21	1.21	1.20	1.20	1.19	1.38	1.38	1.37	1.38	1.37	1.38	1.38
125	1.50	1.50	1.51	1.50	1.51	1.49	1.50	1.48	1.48	1.46	1.47	1.45	1.62	1.62	1.61	1.62	1.61	1.62	1.62
130	1.92	1.92	1.92	1.91	1.92	1.90	1.91	1.89	1.89	1.87	1.88	1.86	1.99	1.99	1.99	2.00	1.99	2.00	2.00
135	2.41	2.42	2.41	2.40	2.41	2.40	2.40	2.39	2.39	2.37	2.38	2.36	2.43	2.44	2.43	2.45	2.44	2.45	2.44
140	2.85	2.86	2.86	2.86	2.86	2.85	2.85	2.84	2.83	2.82	2.82	2.80	2.84	2.85	2.84	2.86	2.85	2.86	2.86
145	3.18	3.23	3.17	3.17	3.17	3.18	3.16	3.16	3.15	3.14	3.14	3.13	3.16	3.16	3.16	3.18	3.17	3.17	3.17
150	3.36	3.39	3.36	3.37	3.36	3.37	3.36	3.36	3.36	3.35	3.35	3.34	3.37	3.37	3.37	3.38	3.38	3.38	3.39
155	3.47	3.49	3.47	3.49	3.48	3.49	3.48	3.49	3.48	3.48	3.48	3.48	3.50	3.50	3.50	3.50	3.50	3.51	3.51
160	3.54	3.56	3.55	3.56	3.56	3.57	3.56	3.57	3.57	3.57	3.57	3.57	3.58	3.57	3.58	3.58	3.58	3.59	3.59
165	3.58	3.61	3.59	3.61	3.60	3.62	3.61	3.63	3.62	3.63	3.62	3.63	3.63	3.63	3.64	3.64	3.64	3.64	3.65
170	3.53	3.56	3.54	3.57	3.55	3.58	3.57	3.58	3.57	3.58	3.58	3.59	3.60	3.60	3.61	3.61	3.62	3.62	3.62
175	3.41	3.44	3.43	3.45	3.44	3.45	3.44	3.45	3.44	3.45	3.44	3.44	3.47	3.46	3.47	3.46	3.47	3.47	3.48
180	3.41	3.44	3.41	3.43	3.41	3.43	3.42	3.43	3.42	3.43	3.42	3.42	3.43	3.42	3.43	3.42	3.43	3.42	3.43

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-07-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.610m [K=1.0000]  
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.6V I:0.1820A P:39.50W PF:0.9550 Lamp Flux:4256.55x1 lm					
NAME:			TYPE:		WEIGHT:
DIM.:			SPEC.:		SERIAL No.:
MFR.: Rayconn			SUR.:		PROTECTION ANGLE:

Table--2

UNIT: x10cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1899	1899	1899	1899	1899														
5	1567	1603	1619	1661	1678														
10	983	1017	1002	1037	1015														
15	482	492	474	486	463														
20	272	272	263	267	259														
25	198	197	194	194	192														
30	137	140	135	135	129														
35	34.4	35.0	31.8	32.6	29.8														
40	11.5	11.3	10.8	10.9	10.6														
45	5.78	5.69	5.47	5.54	5.46														
50	3.72	3.70	3.65	3.73	3.76														
55	2.82	2.83	2.82	2.86	2.88														
60	2.35	2.36	2.37	2.39	2.40														
65	2.05	2.06	2.07	2.08	2.10														
70	1.76	1.77	1.76	1.79	1.80														
75	1.50	1.51	1.48	1.51	1.52														
80	1.30	1.30	1.30	1.30	1.31														
85	1.14	1.15	1.14	1.14	1.18														
90	1.03	1.03	1.03	1.03	1.08														
95	1.04	1.04	1.04	1.04	1.09														
100	1.06	1.06	1.06	1.06	1.08														
105	1.10	1.10	1.11	1.10	1.11														
110	1.16	1.17	1.17	1.17	1.18														
115	1.25	1.25	1.26	1.27	1.28														
120	1.39	1.39	1.41	1.41	1.43														
125	1.64	1.64	1.66	1.66	1.68														
130	2.02	2.02	2.04	2.04	2.05														
135	2.47	2.48	2.49	2.48	2.50														
140	2.89	2.90	2.91	2.90	2.92														
145	3.21	3.28	3.22	3.21	3.23														
150	3.41	3.46	3.43	3.42	3.42														
155	3.52	3.52	3.53	3.53	3.53														
160	3.59	3.59	3.60	3.60	3.60														
165	3.65	3.65	3.65	3.65	3.64														
170	3.62	3.62	3.61	3.62	3.61														
175	3.47	3.48	3.48	3.48	3.48														
180	3.42	3.43	3.42	3.43	3.42														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-07-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.610m [K=1.0000]  
Remarks: