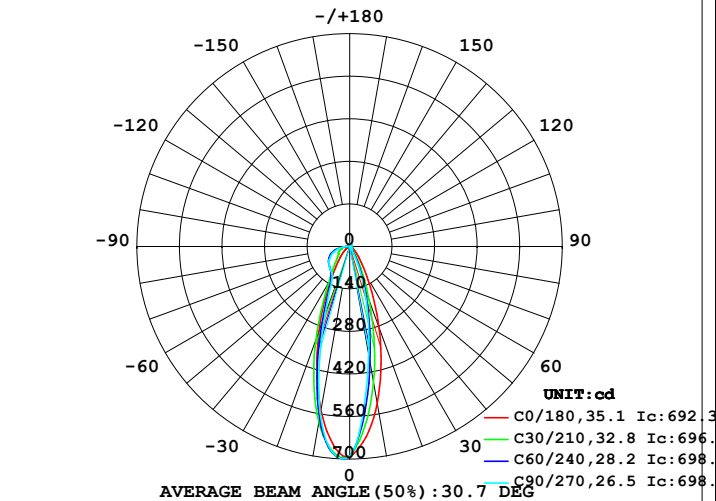


## LUMINAIRE PHOTOMETRIC TEST REPORT

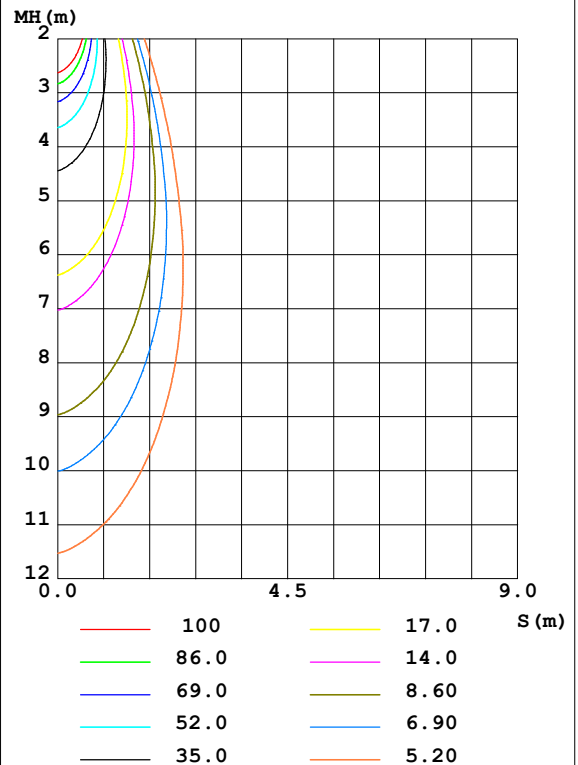
Test:U:225.2V I:0.0510A P:10.70W PF:0.9200 Freq:50.00Hz Lamp Flux:391.016x1 lm					
NAME: REG2075RW-11G30-S		TYPE:		WEIGHT:	
SPEC.:		DIM.:		SERIAL No.:	
MFR.:		SUR.:66		Shielding Angle:	

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 36.55 lm/W
MODEL	3000K CRI90	I <sub>max</sub> (cd)	698.8	S/MH (C0/180)	0.58	
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	0.54	
RATED VOLTAGE (V)	226	TOTAL FLUX (lm)	391.12	η UP, DN (C0-180)	2.6, 27.1	
NOMINAL FLUX (lm)	391.016	CIE CLASS	DIRECT	η UP, DN (C180-360)	2.0, 68.3	
LAMPS INSIDE	1	η up (%)	4.6	CIBSE SHR NOM	0.50	
TEST VOLTAGE (V)	225.3	η down (%)	95.4	CIBSE SHR MAX	0.55	

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: BingYu  
 Test Date: 2019-11-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
 Humidity: 65.0%  
 Test Distance: 7.240m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	523.7	422.4	362.3	427.8	547.2	578.8	558.5	570.8	0- 10	55.57	55.57	14.2,14.2
20	282.4	162.8	134.6	167.3	296.0	292.3	240.0	289.3	10- 20	98.07	153.6	39.3,39.3
30	114.6	44.69	22.15	45.48	120.5	130.2	116.0	126.1	20- 30	67.46	221.1	56.5,56.5
40	47.67	10.44	7.901	11.08	52.02	92.21	99.45	84.89	30- 40	40.82	261.9	67,67
50	21.45	3.419	2.088	3.541	24.08	76.99	89.06	70.02	40- 50	32.18	294.1	75.2,75.2
60	9.819	0.0742	0.5590	0	11.54	71.77	75.19	72.47	50- 60	28.42	322.5	82.5,82.5
70	3.394	0.1251	0.5815	0.0002	4.014	56.47	57.86	52.25	60- 70	26.02	348.5	89.1,89.1
80	0.9553	0.2933	0.5627	0.2196	0.9087	34.35	32.54	31.66	70- 80	18.07	366.6	93.7,93.8
90	0.2581	0.6451	1.184	0.6116	0.1017	0.1049	0.0504	0	80- 90	6.521	373.1	95.4,95.4
100	0.5470	1.290	1.933	1.277	0.3638	0.3259	0.0276	0.2310	90-100	0.6439	373.8	95.6,95.6
110	0.9141	1.880	2.929	1.967	0.6532	0.5548	0.2157	0.6145	100-110	1.044	374.8	95.8,95.9
120	1.566	2.505	3.786	2.656	1.173	0.9917	0.8122	1.166	110-120	1.470	376.3	96.2,96.2
130	2.859	3.240	5.141	3.436	2.370	2.740	4.085	2.998	120-130	2.264	378.6	96.8,96.8
140	4.060	4.044	6.851	4.364	3.620	5.174	5.879	4.708	130-140	3.240	381.8	97.6,97.6
150	4.762	5.260	8.021	5.641	3.973	8.028	8.268	6.298	140-150	3.576	385.4	98.5,98.6
160	6.740	7.386	8.561	7.698	5.693	4.730	4.366	5.062	150-160	2.875	388.2	99.3,99.3
170	8.550	9.166	9.475	9.346	7.541	6.808	6.830	7.455	160-170	2.044	390.3	99.8,99.8
180	9.470	9.306	9.439	9.811	9.446	9.310	9.435	9.791	170-180	0.8310	391.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 278.72 lm

%lum = 71.3%

%lamp = 71.3%

Conical surface Flux(120deg): 322.52 lm

%lum = 82.5%

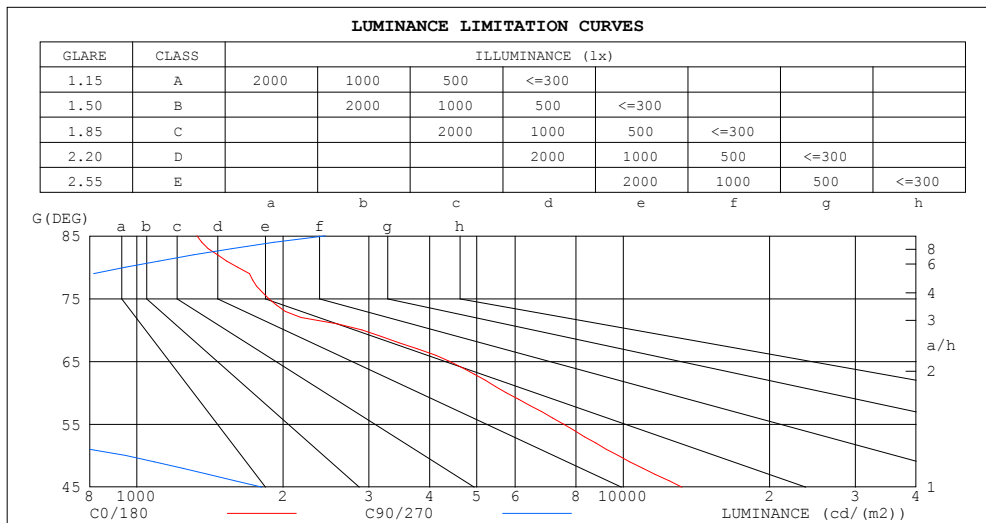
%lamp = 82.5%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:BingYu  
 Test Date:2019-11-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
 Humidity:65.0%  
 Test Distance:7.240m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:225.2V I:0.0510A P:10.70W PF:0.9200 Freq:50.00Hz Lamp Flux:391.016x1 lm		
NAME: REG2075RW-11G30-S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1330	2441
80	1611	947
75	1868	477
70	2906	497
65	4395	625
60	5751	327
55	7543	203
50	9772	949
45	13198	1809

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:BingYu  
Test Date:2019-11-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:7.240m [K=1.0000]  
Remarks:

```

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

```

## WEC AND CCEC

Test:U:225.2V I:0.0510A P:10.70W PF:0.9200 Freq:50.00Hz Lamp Flux:391.016x1 lm					
NAME: REG2075RW-11G30-S			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.:			SUR.:66		Shielding 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	.245	.139	.044	.236	.135	.043	.221	.127	.040	.206	.119	.038	.193	.112	.036	
2.0	.225	.123	.038	.218	.120	.037	.205	.114	.035	.192	.108	.034	.181	.102	.032	
3.0	.207	.110	.033	.201	.108	.032	.189	.102	.031	.178	.098	.030	.168	.093	.029	
4.0	.191	.099	.029	.185	.097	.029	.175	.093	.028	.165	.089	.027	.156	.085	.026	
5.0	.177	.090	.026	.172	.088	.026	.163	.085	.025	.154	.081	.024	.146	.078	.023	
6.0	.165	.083	.024	.160	.081	.023	.152	.078	.023	.144	.075	.022	.137	.072	.021	
7.0	.154	.076	.022	.150	.075	.021	.143	.072	.021	.136	.070	.020	.129	.067	.020	
8.0	.145	.071	.020	.141	.069	.020	.134	.067	.019	.128	.065	.019	.122	.063	.018	
9.0	.136	.066	.018	.133	.065	.018	.127	.063	.018	.121	.061	.017	.116	.059	.017	
10.0	.129	.062	.017	.126	.061	.017	.120	.059	.017	.115	.057	.016	.110	.056	.016	

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	.226	.226	.226	.193	.193	.193	.132	.132	.132	.076	.076	.076	.024	.024	.024	
1.0	.211	.192	.175	.181	.165	.151	.124	.113	.104	.071	.066	.061	.023	.021	.020	
2.0	.199	.168	.142	.170	.144	.122	.117	.100	.085	.067	.058	.050	.022	.019	.016	
3.0	.188	.150	.119	.161	.129	.103	.111	.090	.072	.064	.052	.043	.021	.017	.014	
4.0	.178	.136	.103	.153	.117	.089	.105	.082	.063	.061	.048	.037	.020	.016	.012	
5.0	.170	.125	.091	.146	.108	.079	.100	.075	.056	.058	.044	.033	.019	.014	.011	
6.0	.162	.116	.082	.139	.100	.072	.096	.070	.051	.056	.041	.030	.018	.013	.010	
7.0	.155	.108	.076	.133	.094	.066	.092	.066	.047	.053	.039	.028	.017	.013	.009	
8.0	.148	.102	.070	.128	.089	.061	.088	.062	.043	.051	.037	.026	.017	.012	.009	
9.0	.143	.097	.066	.123	.084	.058	.085	.059	.041	.050	.035	.024	.016	.011	.008	
10.0	.137	.092	.063	.118	.080	.055	.082	.056	.039	.048	.033	.023	.016	.011	.008	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:BingYu  
Test Date:2019-11-15

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:7.240m [K=1.0000]  
Remarks:

UGR(Unified Glare Rating) Table

Test:U:225.2V I:0.0510A P:10.70W PF:0.9200 Freq:50.00Hz Lamp Flux:391.016x1 lm											
NAME: REG2075RW-11G30-S						TYPE:		WEIGHT:			
SPEC.:						DIM.:		SERIAL No.:			
MFR.:						SUR.:66		Shielding 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		15.6	16.7	15.9	17.0	17.2	5.1	6.2	5.5	6.5	6.8
	3H	15.7	16.8	16.1	17.0	17.3	5.3	6.3	5.6	6.6	6.9
	4H	15.7	16.7	16.1	17.0	17.3	5.3	6.3	5.7	6.6	6.9
	6H	15.7	16.6	16.1	16.9	17.3	5.7	6.6	6.1	7.0	7.3
	8H	15.7	16.6	16.1	16.9	17.3	6.3	7.2	6.7	7.5	7.9
	12H	15.7	16.5	16.1	16.9	17.2	7.3	8.1	7.7	8.5	8.9
4H	2H	15.3	16.3	15.7	16.6	16.9	5.1	6.0	5.4	6.4	6.7
	3H	15.4	16.3	15.8	16.6	17.0	5.2	6.0	5.6	6.4	6.8
	4H	15.4	16.2	15.8	16.6	17.0	5.3	6.1	5.7	6.4	6.9
	6H	15.4	16.1	15.8	16.5	16.9	5.9	6.6	6.4	7.1	7.5
	8H	15.4	16.0	15.8	16.5	16.9	6.8	7.4	7.3	7.9	8.4
	12H	15.4	16.0	15.9	16.4	16.9	8.2	8.8	8.7	9.3	9.8
8H	4H	15.2	15.9	15.7	16.3	16.8	5.2	5.8	5.7	6.3	6.8
	6H	15.2	15.8	15.7	16.2	16.8	6.1	6.6	6.6	7.1	7.6
	8H	15.2	15.7	15.8	16.2	16.7	7.2	7.7	7.7	8.2	8.7
	12H	15.3	15.7	15.8	16.2	16.8	9.1	9.5	9.6	10.0	10.6
12H	4H	15.2	15.8	15.7	16.2	16.7	5.2	5.8	5.7	6.2	6.7
	6H	15.2	15.7	15.7	16.2	16.7	6.1	6.6	6.7	7.1	7.7
	8H	15.2	15.6	15.7	16.1	16.7	7.4	7.8	7.9	8.3	8.9
Variations with the observer position at spacings:											
S = 1.0H		+ 4.0 / - 4.4					+ 1.3 / - 1.7				
1.5H		+ 5.3 / - 7.6					+ 2.0 / - 2.2				
2.0H		+ 6.2 / - 9.9					+ 2.4 / - 1.1				

CIE Pub.117, 391.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.3)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:BingYu  
Test Date:2019-11-15

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:7.240m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:225.2V I:0.0510A P:10.70W PF:0.9200 Freq:50.00Hz Lamp Flux:391.016x1 lm		
NAME: REG2075RW-11G30-S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:

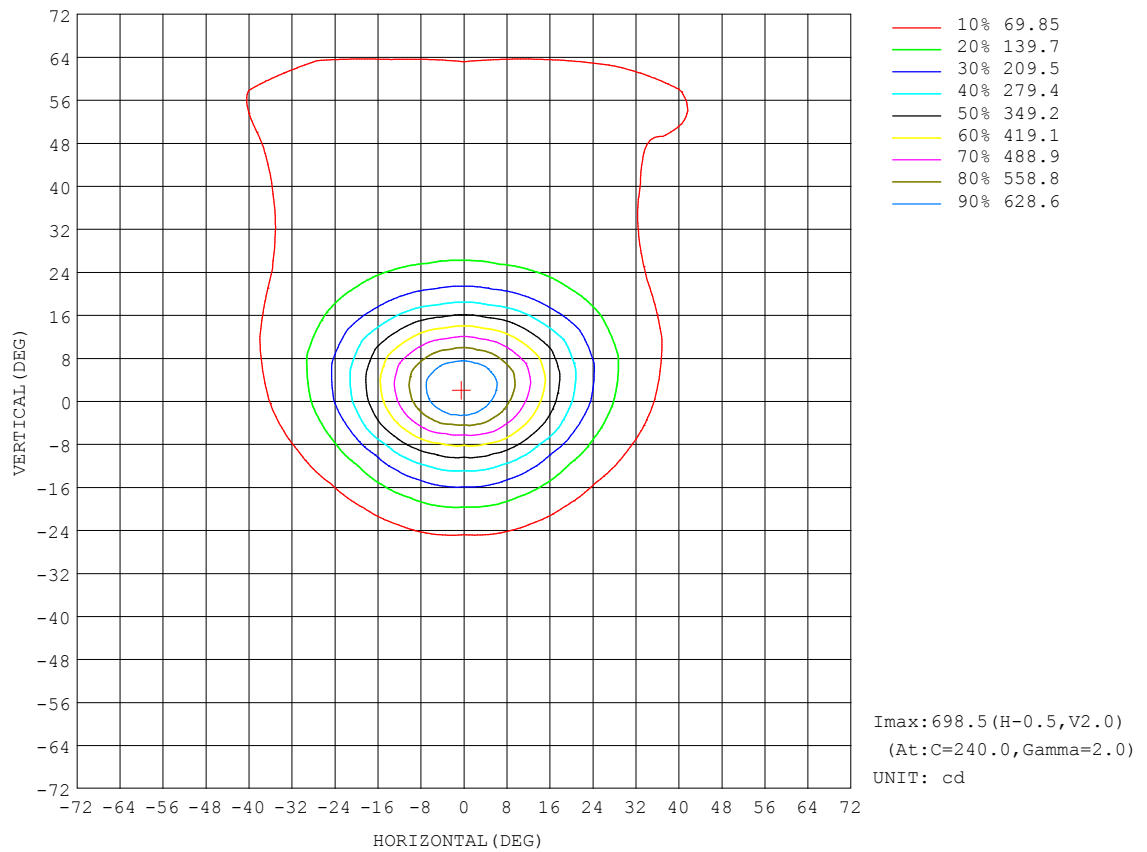
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	72	63	57	71	62	57	70	62	57	52
0.80	80	71	66	79	71	65	77	70	65	59
1.00	86	77	72	85	77	71	82	77	71	65
1.25	91	83	78	90	82	77	87	80	76	69
1.50	95	87	82	93	86	81	90	84	80	73
2.00	100	93	88	98	92	87	94	89	85	77
2.50	103	97	92	100	95	91	96	92	88	80
3.00	105	100	95	103	98	94	98	94	91	82
4.00	108	104	100	106	102	98	101	98	95	86
5.00	110	106	103	107	104	101	102	100	98	88
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:BingYu  
Test Date:2019-11-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:7.240m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

Test:U:225.2V I:0.0510A P:10.70W PF:0.9200 Freq:50.00Hz Lamp Flux:391.016x1 lm		
NAME: REG2075RW-11G30-S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:



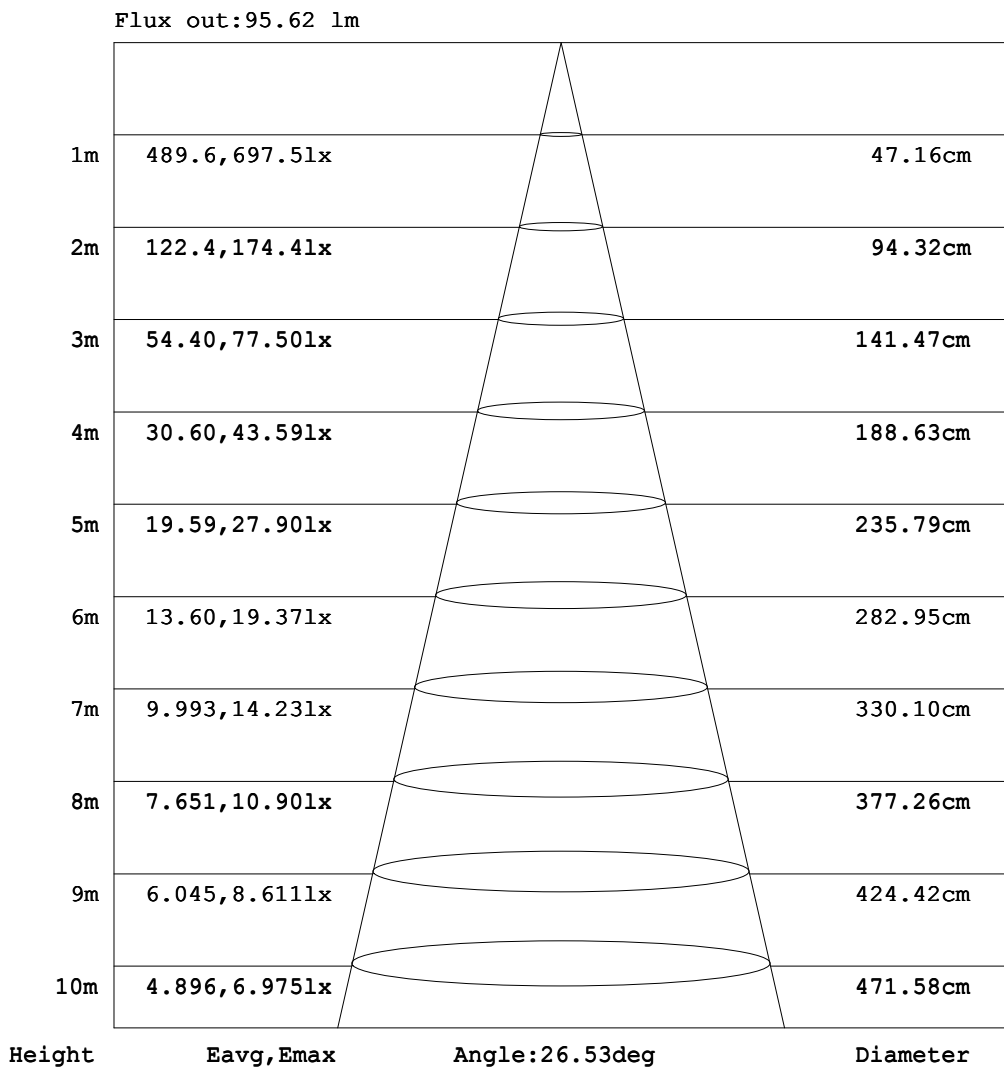
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:BingYu  
Test Date:2019-11-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:7.240m [K=1.0000]  
Remarks:



### AAI Figure

Test:U:225.2V I:0.0510A P:10.70W PF:0.9200 Freq:50.00Hz Lamp Flux:391.016x1 lm		
NAME: REG2075RW-11G30-S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:



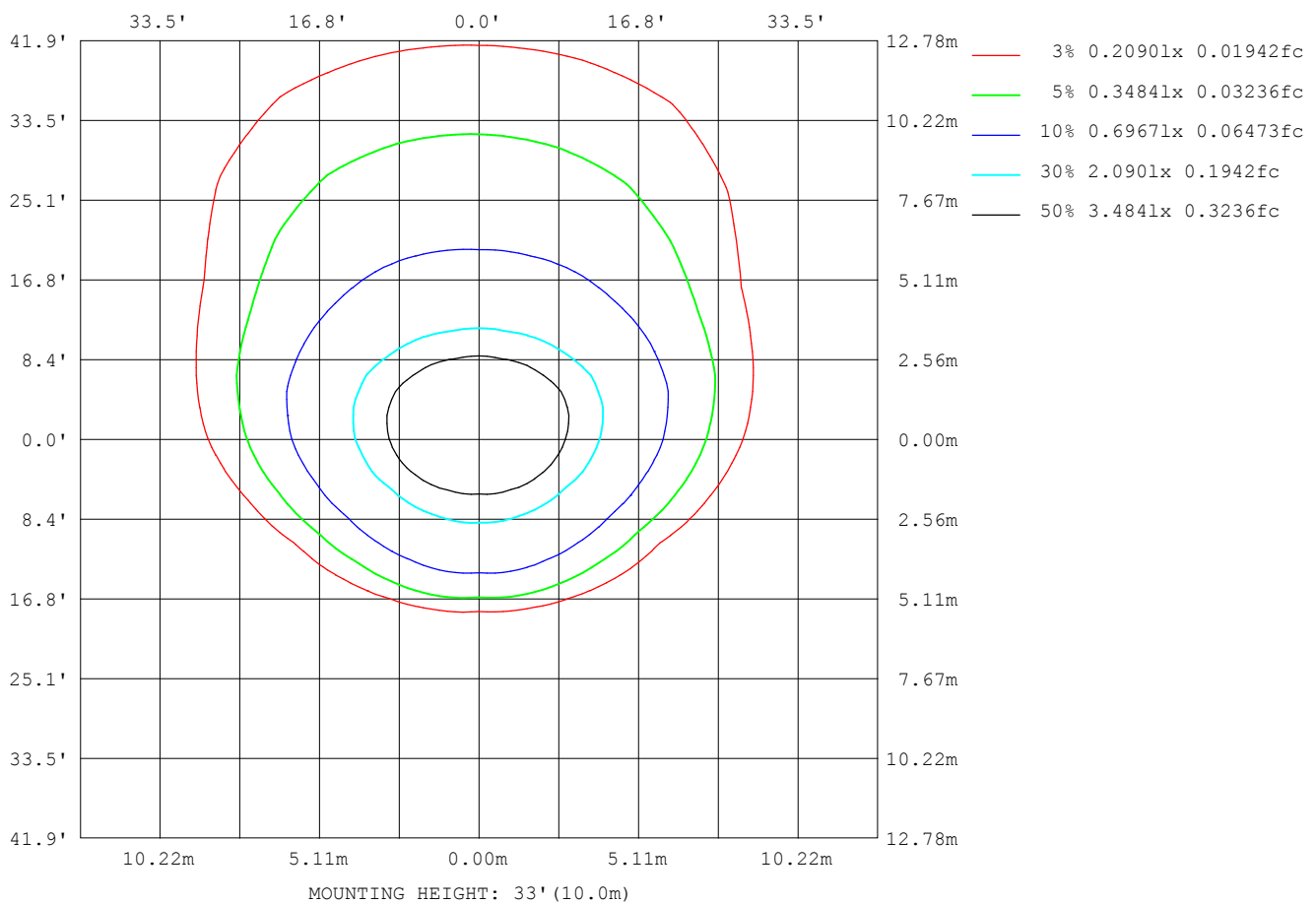
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:BingYu  
Test Date:2019-11-15

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:7.240m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

Test:U:225.2V I:0.0510A P:10.70W PF:0.9200 Freq:50.00Hz Lamp Flux:391.016x1 lm		
NAME: REG2075RW-11G30-S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: BingYu  
 Test Date: 2019-11-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
 Humidity: 65.0%  
 Test Distance: 7.240m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:225.2V I:0.0510A P:10.70W PF:0.9200 Freq:50.00Hz Lamp Flux:391.016x1 lm		
NAME: REG2075RW-11G30-S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:

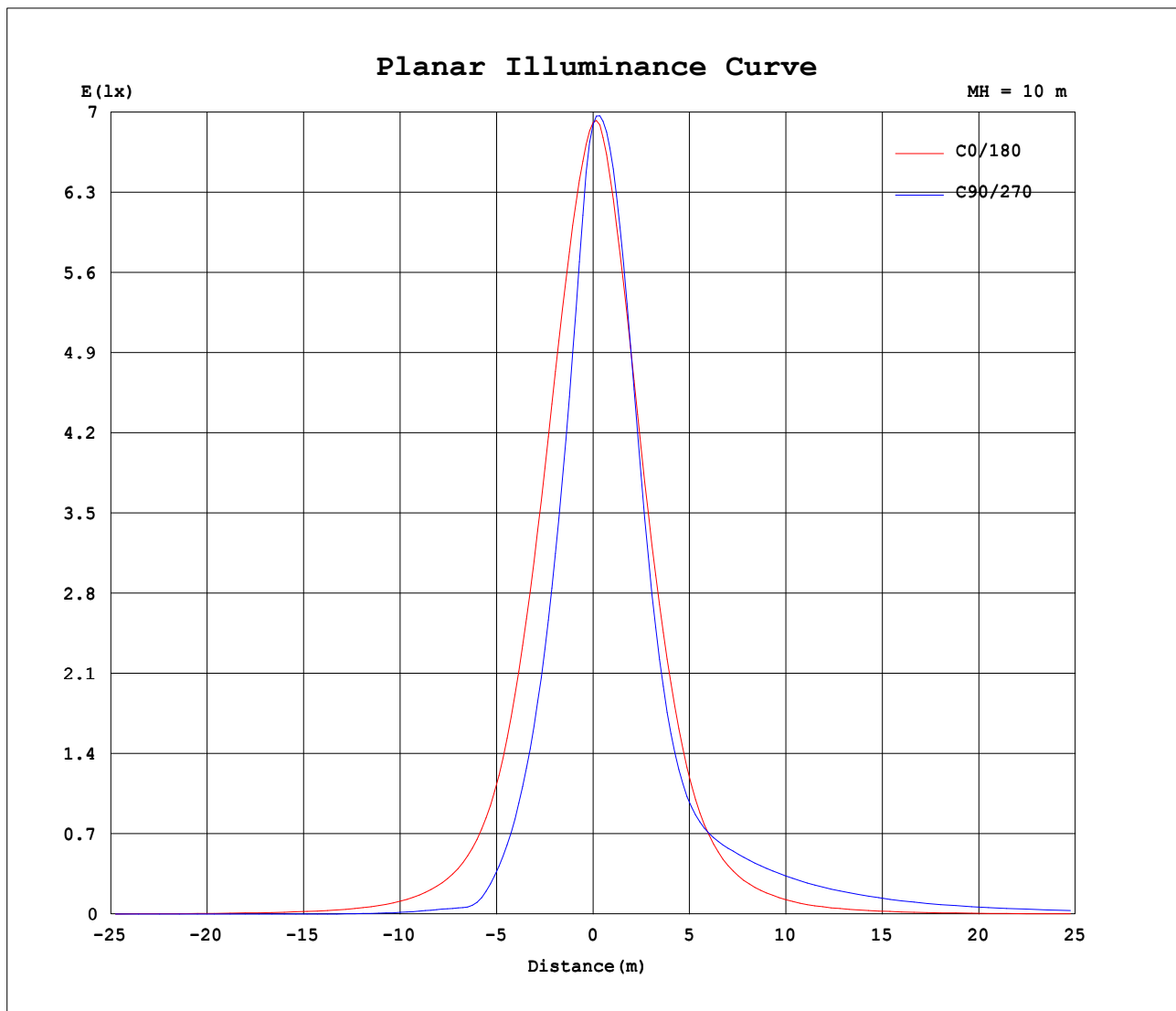
AvgL	cd/m2
L_0~180 (65) av	4852
L_0~180 (75) av	1886
L_0~180 (85) av	1181
L_90~270 (65) av	23502
L_90~270 (75) av	25991
L_90~270 (85) av	27872
L_45 (65) av	25247
L_45 (75) av	25610
L_45 (85) av	26942

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:BingYu  
 Test Date:2019-11-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
 Humidity:65.0%  
 Test Distance:7.240m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: BingYu  
Test Date: 2019-11-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 7.240m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:225.2V I:0.0510A P:10.70W PF:0.9200 Freq:50.00Hz Lamp Flux:391.016x1 lm		
NAME: REG2075RW-11G30-S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:

Table--1

UNIT: cd

$\gamma$ (DEG) \ C (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690
5	628	611	591	575	557	545	535	544	557	585	608	631	651	663	674	676	680	675	677
10	524	491	454	422	387	371	362	372	388	428	469	512	547	571	588	579	574	557	558
15	400	360	309	272	246	237	230	238	250	279	320	377	419	447	458	434	414	386	384
20	282	236	187	163	146	140	135	140	148	167	194	249	296	321	325	292	267	241	240
25	183	140	107	89.2	78.4	73.1	68.1	73.8	79.5	91.6	110	147	194	218	214	185	167	154	153
30	115	83.1	58.0	44.7	34.9	26.4	22.2	26.8	35.1	45.5	60.8	86.6	121	143	141	130	124	119	116
35	72.2	50.2	30.6	22.1	13.0	11.2	9.86	11.2	13.3	22.8	32.5	52.4	77.2	94.9	98.5	104	107	106	105
40	47.7	30.9	17.0	10.4	6.67	6.86	7.90	6.89	6.84	11.1	17.8	32.5	52.0	67.6	78.0	92.2	99.6	99.9	99.4
45	31.9	19.2	9.94	5.64	4.22	4.17	4.38	4.12	4.13	5.84	10.4	20.3	35.7	47.2	62.0	83.4	94.5	95.4	94.7
50	21.5	11.8	6.07	3.42	2.43	2.15	2.09	2.12	2.39	3.54	6.26	12.7	24.1	33.8	51.0	77.0	89.9	90.2	89.1
55	14.8	7.15	3.60	1.57	0.75	0.51	0.40	0.51	0.71	1.61	3.76	7.72	16.8	27.4	45.6	72.7	85.2	84.6	83.4
60	9.82	3.97	1.25	0.07	0.05	0.38	0.56	0.21	0.00	0.00	1.19	4.22	11.5	28.5	43.6	71.8	79.3	77.0	75.2
65	6.34	1.97	0.28	0.08	0.11	0.68	0.90	0.45	0.00	0.00	0.14	2.00	7.68	29.0	38.8	71.2	72.2	68.6	67.0
70	3.39	0.54	0.19	0.13	0.12	0.30	0.58	0.19	0.05	0.00	0.00	0.30	4.01	16.3	32.2	56.5	63.9	59.3	57.9
75	1.65	0.33	0.20	0.20	0.21	0.34	0.42	0.29	0.16	0.11	0.00	0.02	1.69	11.7	27.8	46.7	51.6	46.7	45.6
80	0.96	0.31	0.23	0.29	0.34	0.47	0.56	0.44	0.30	0.22	0.09	0.05	0.91	8.87	22.4	34.3	37.3	33.4	32.5
85	0.40	0.30	0.34	0.43	0.48	0.67	0.73	0.62	0.46	0.38	0.23	0.11	0.31	3.37	11.2	17.0	18.4	16.2	15.9
90	0.26	0.36	0.51	0.65	0.73	0.94	1.18	0.88	0.71	0.61	0.43	0.24	0.10	0.17	0.20	0.10	0.04	0.07	0.05
95	0.36	0.50	0.74	0.94	1.19	1.52	1.85	1.46	1.18	0.94	0.70	0.43	0.21	0.32	0.47	0.23	0.11	0.02	0.00
100	0.55	0.74	0.99	1.29	1.59	1.78	1.93	1.73	1.58	1.28	0.98	0.70	0.36	0.44	0.48	0.33	0.17	0.00	0.03
105	0.72	0.95	1.24	1.58	1.86	2.25	2.49	2.17	1.86	1.62	1.30	0.96	0.50	0.61	0.75	0.43	0.22	0.09	0.11
110	0.91	1.21	1.51	1.88	2.17	2.64	2.93	2.53	2.19	1.97	1.59	1.25	0.65	0.72	0.88	0.55	0.33	0.18	0.22
115	1.16	1.47	1.81	2.18	2.52	3.06	3.25	2.92	2.55	2.33	1.92	1.56	0.88	0.92	1.00	0.73	0.49	0.38	0.38
120	1.57	1.78	2.09	2.50	2.92	3.58	3.79	3.35	2.94	2.66	2.23	1.89	1.17	1.23	1.24	0.99	0.82	1.01	0.81
125	2.20	2.23	2.44	2.85	3.36	4.23	4.42	3.85	3.35	3.01	2.61	2.43	1.70	1.80	1.79	1.56	1.70	2.23	2.37
130	2.86	2.72	2.88	3.24	3.79	4.94	5.14	4.37	3.76	3.44	3.07	2.97	2.37	2.53	2.57	2.74	3.24	4.05	4.08
135	3.53	3.21	3.30	3.64	4.17	5.66	5.77	4.88	4.19	3.89	3.55	3.45	2.99	3.25	3.45	3.90	4.74	6.03	5.48
140	4.06	3.63	3.79	4.04	4.57	6.72	6.85	5.62	4.68	4.36	4.07	3.88	3.62	4.19	4.71	5.17	6.44	6.72	5.88
145	4.31	4.22	4.37	4.54	5.00	7.82	7.69	6.78	5.21	4.92	4.73	4.48	3.65	5.08	6.27	7.77	7.63	7.23	7.17
150	4.76	5.03	5.19	5.26	5.59	8.17	8.02	8.06	5.93	5.64	5.54	5.34	3.97	5.46	7.20	8.03	8.42	8.50	8.27
155	5.73	6.01	6.20	6.26	6.51	8.11	8.08	8.51	6.88	6.60	6.53	6.35	4.83	4.48	4.93	6.42	7.08	6.59	6.60
160	6.74	7.09	7.31	7.39	7.65	8.40	8.56	8.60	7.96	7.70	7.61	7.44	5.69	5.33	5.01	4.73	4.48	4.36	4.37
165	7.74	8.07	8.31	8.46	8.73	8.99	9.15	9.13	8.94	8.73	8.60	8.47	6.60	6.25	5.98	5.76	5.61	5.52	5.53
170	8.55	8.84	9.02	9.17	9.26	9.36	9.48	9.44	9.39	9.35	9.34	9.27	7.54	7.23	7.01	6.81	6.74	6.73	6.83
175	9.16	9.29	9.37	9.43	9.46	9.49	9.57	9.64	9.71	9.78	9.84	9.84	8.52	8.29	8.14	7.99	7.99	7.99	8.15
180	9.47	9.42	9.36	9.31	9.31	9.31	9.44	9.51	9.69	9.81	9.95	10.0	9.45	9.38	9.37	9.31	9.31	9.30	9.44

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:BingYu  
Test Date:2019-11-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:7.240m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:225.2V I:0.0510A P:10.70W PF:0.9200 Freq:50.00Hz Lamp Flux:391.016x1 lm		
NAME: REG2075RW-11G30-S	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	690	690	690	690	690														
5	673	674	666	660	646														
10	554	568	571	575	556														
15	385	410	429	450	437														
20	240	265	289	320	315														
25	153	165	183	211	213														
30	117	121	126	137	137														
35	103	103	99.8	94.0	90.4														
40	97.2	94.9	84.9	70.7	61.5														
45	93.0	89.5	75.9	54.2	41.7														
50	88.3	85.5	70.0	43.9	29.0														
55	83.3	82.1	67.4	40.1	23.5														
60	76.5	77.5	72.5	40.5	25.6														
65	68.8	71.0	74.6	37.3	26.6														
70	59.8	62.8	52.2	30.2	13.5														
75	46.8	49.9	43.7	26.8	10.3														
80	32.9	35.0	31.7	20.9	7.52														
85	15.3	16.0	14.3	8.83	2.67														
90	0.00	0.00	0.00	0.18	0.00														
95	0.00	0.00	0.09	0.56	0.29														
100	0.00	0.11	0.23	0.45	0.42														
105	0.05	0.21	0.45	0.70	0.60														
110	0.17	0.27	0.61	0.95	0.79														
115	0.37	0.49	0.81	1.01	0.96														
120	0.97	0.85	1.17	1.35	1.41														
125	2.22	1.84	1.89	2.00	2.03														
130	4.13	3.37	3.00	2.80	2.85														
135	6.03	4.85	4.12	3.77	3.63														
140	4.95	6.10	4.71	5.07	4.65														
145	6.32	5.09	6.63	7.07	5.38														
150	7.47	4.70	6.30	7.20	4.90														
155	6.37	4.28	5.18	4.56	5.07														
160	4.47	4.70	5.06	5.49	5.97														
165	5.66	5.88	6.24	6.64	7.03														
170	6.95	7.18	7.45	7.76	8.03														
175	8.29	8.51	8.69	8.92	9.09														
180	9.50	9.66	9.79	9.95	10.0														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:BingYu  
Test Date:2019-11-15

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:7.240m [K=1.0000]  
Remarks: