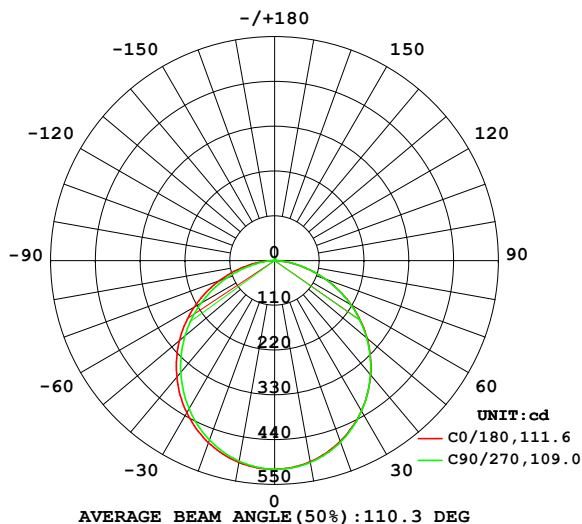


## LUMINAIRE PHOTOMETRIC TEST REPORT

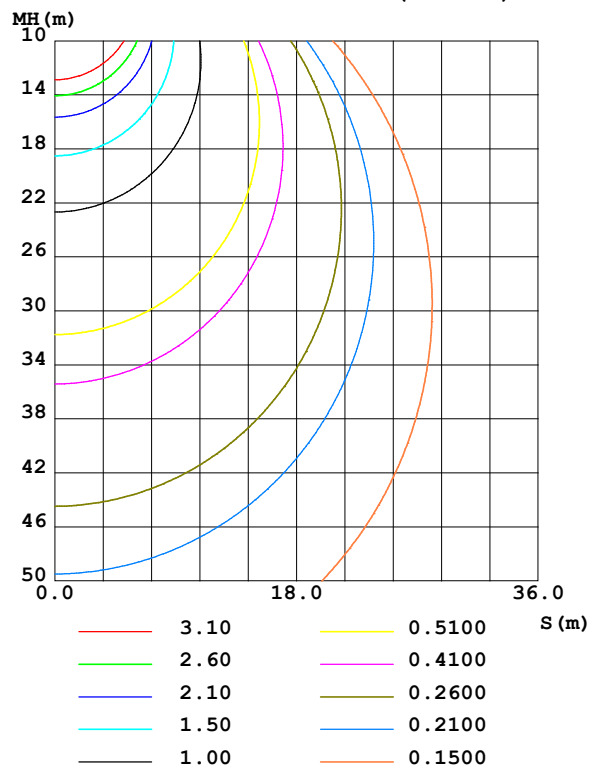
Test:U:220.56V I:0.0910A P:19.042W PF:0.9490 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1434.42x1 lm		
NAME: WL3178 3000K RA90	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 1120*40	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 75.33 lm/W			
MODEL	WL3178 3000K RA90	Imax (cd)	512.7	S/MH(C0/180)	1.25
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1434.4	$\eta$ UP,DN(C0-180)	0.3,50.0
NOMINAL FLUX(lm)	1434.42	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.4,49.3
LAMPS INSIDE	1	$\eta$ up (%)	0.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	$\eta$ down (%)	99.3	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Lihong yun  
Test Date:2023-03-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:7.580m [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	501.8	502.7	503.6	504.1	503.6	502.1	500.4	500.8	0- 10	48.44	48.44	3.38,3.38
20	472.4	473.5	474.1	476.1	475.9	472.4	468.8	470.2	10- 20	138.2	186.7	13,13
30	426.5	427.3	427.3	431.0	431.7	426.2	420.4	423.1	20- 30	208.1	394.8	27.5,27.5
40	367.1	366.7	366.4	371.8	373.9	366.5	358.9	362.4	30- 40	249.1	643.9	44.9,44.9
50	296.7	295.0	294.9	301.5	305.1	296.1	287.5	290.9	40- 50	256.4	900.3	62.8,62.8
60	217.3	215.1	215.5	222.9	227.7	217.8	208.4	211.1	50- 60	230.0	1130	78.8,78.8
70	132.2	130.3	131.7	139.3	144.5	134.6	125.1	126.6	60- 70	173.4	1304	90.9,90.9
80	51.04	50.52	52.49	58.84	62.57	54.19	46.08	46.43	70- 80	96.87	1401	97.6,97.6
90	0.4323	0.4203	0.6162	1.318	2.419	0.9344	0.6005	0.6069	80- 90	24.13	1425	99.3,99.3
100	0.6728	0.6380	0.5841	0.6085	0.9228	0.8727	0.8871	0.9172	90-100	0.6985	1425	99.4,99.4
110	0.9923	0.9446	0.8841	0.9095	1.313	1.241	1.251	1.284	100-110	0.9796	1426	99.4,99.4
120	1.337	1.297	1.232	1.261	1.707	1.622	1.628	1.663	110-120	1.272	1428	99.5,99.5
130	1.686	1.653	1.596	1.614	2.060	1.975	1.990	2.012	120-130	1.472	1429	99.6,99.6
140	2.023	1.985	1.962	1.972	2.362	2.295	2.320	2.327	130-140	1.535	1431	99.7,99.7
150	2.350	2.326	2.317	2.330	2.629	2.595	2.611	2.614	140-150	1.448	1432	99.8,99.8
160	2.674	2.667	2.671	2.693	2.865	2.860	2.888	2.872	150-160	1.209	1433	99.9,99.9
170	2.944	2.957	2.987	2.974	3.055	3.065	3.092	3.081	160-170	0.8204	1434	100,100
180	3.100	3.115	3.158	3.138	3.107	3.119	3.163	3.140	170-180	0.2935	1434	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 773.31 lm

%lum = 53.9%

%lamp = 53.9%

Conical surface Flux(130deg): 1225.7 lm

%lum = 85.4%

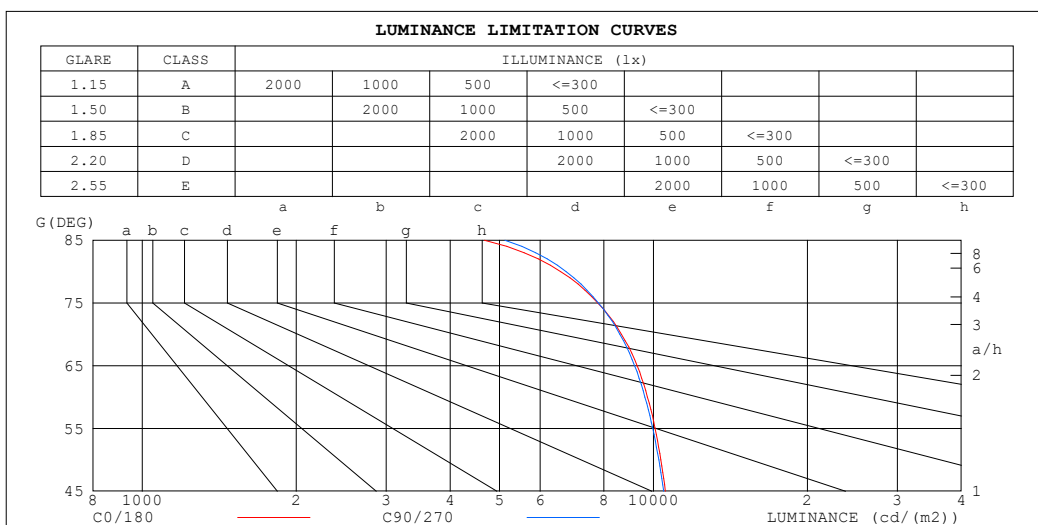
%lamp = 85.4%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:Lihong yun  
 Test Date:2023-03-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.456  
 Humidity:65.0%  
 Test Distance:7.580m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:220.56V I:0.0910A P:19.042W PF:0.9490 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1434.42x1 lm		
NAME: WL3178 3000K RA90	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 1120*40	Shielding Angle:



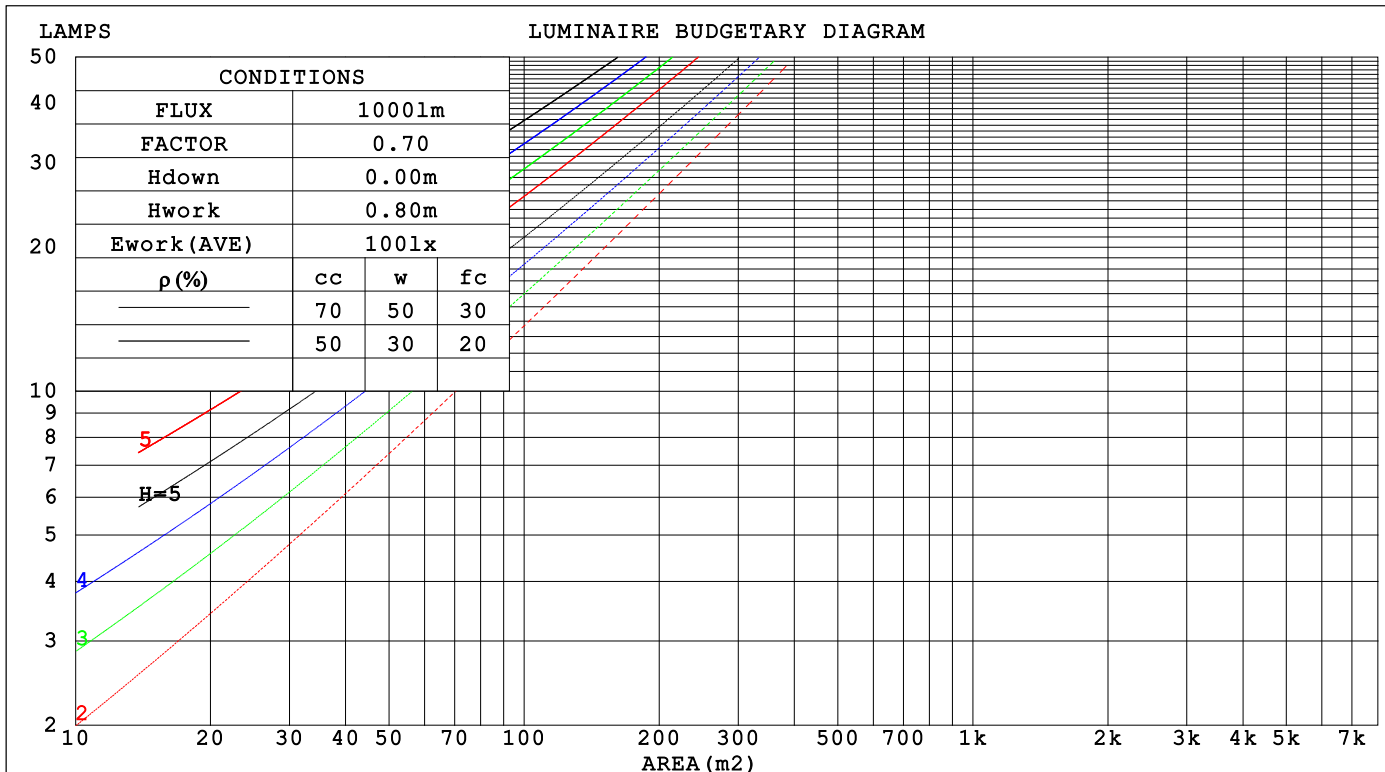
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Lihong yun  
Test Date: 2023-03-02

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.456  
Humidity: 65.0%  
Test Distance: 7.580m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.56V I:0.0910A P:19.042W PF:0.9490 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1434.42x1 lm		
NAME: WL3178 3000K RA90	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 1120*40	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio                      Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.04	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.89	.87	.85	.83
2.0	.91	.84	.78	.89	.82	.77	.85	.80	.75	.82	.77	.73	.78	.75	.72	.69
3.0	.80	.71	.65	.78	.70	.64	.75	.68	.63	.72	.66	.62	.69	.65	.61	.58
4.0	.70	.62	.55	.69	.61	.55	.66	.59	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.46	.58	.51	.46	.56	.50	.45	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.45	.40	.50	.44	.40	.38
7.0	.51	.43	.36	.51	.42	.36	.49	.41	.36	.47	.41	.36	.46	.40	.35	.33
8.0	.47	.38	.33	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Lihong yun  
Test Date:2023-03-02

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:7.580m [K=1.0000]  
Remarks:

### WEC AND CCEC

Test:U:220.56V I:0.0910A P:19.042W PF:0.9490 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:1434.42x1 lm		
NAME: WL3178 3000K RA90			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: VJC Lighting			SUR.: 1120*40			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	.306	.174	.055	.298	.170	.054	.285	.163	.052	.272	.157	.050	.261	.151	.049		
2.0	.289	.158	.049	.282	.156	.048	.270	.150	.047	.259	.145	.046	.249	.141	.044		
3.0	.268	.142	.043	.262	.140	.042	.251	.136	.041	.242	.132	.041	.232	.129	.040		
4.0	.247	.129	.038	.242	.127	.037	.233	.124	.037	.224	.120	.036	.216	.117	.036		
5.0	.229	.117	.034	.224	.115	.034	.216	.112	.033	.208	.110	.033	.201	.107	.032		
6.0	.212	.106	.030	.208	.105	.030	.201	.103	.030	.194	.101	.030	.187	.099	.029		
7.0	.198	.098	.028	.194	.097	.028	.188	.095	.027	.181	.093	.027	.175	.091	.027		
8.0	.185	.090	.025	.182	.089	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025		
9.0	.173	.084	.023	.170	.083	.023	.165	.082	.023	.160	.080	.023	.155	.079	.023		
10.0	.163	.078	.022	.160	.077	.022	.155	.076	.021	.151	.075	.021	.146	.074	.021		

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	.196	.196	.196	.167	.167	.167	.114	.114	.114	.066	.066	.066	.021	.021	.021		
1.0	.185	.161	.140	.158	.139	.120	.108	.095	.083	.062	.055	.048	.020	.018	.016		
2.0	.177	.137	.104	.152	.118	.090	.104	.082	.062	.060	.048	.037	.019	.015	.012		
3.0	.169	.120	.080	.145	.103	.069	.100	.072	.049	.058	.042	.029	.018	.014	.009		
4.0	.162	.106	.064	.139	.092	.055	.095	.064	.039	.055	.037	.023	.018	.012	.008		
5.0	.154	.096	.053	.133	.083	.046	.091	.058	.032	.053	.034	.019	.017	.011	.006		
6.0	.147	.087	.045	.126	.076	.039	.087	.053	.028	.051	.031	.016	.016	.010	.005		
7.0	.140	.081	.039	.121	.070	.034	.083	.049	.024	.048	.029	.014	.016	.009	.005		
8.0	.134	.075	.034	.115	.065	.030	.080	.046	.021	.046	.027	.013	.015	.009	.004		
9.0	.128	.070	.031	.110	.061	.027	.076	.043	.019	.044	.025	.011	.014	.008	.004		
10.0	.122	.066	.028	.105	.057	.024	.073	.040	.017	.043	.024	.010	.014	.008	.003		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Lihong yun  
Test Date:2023-03-02

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:7.580m [K=1.0000]  
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.56V I:0.0910A P:19.042W PF:0.9490 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1434.42x1 lm										
NAME: WL3178 3000K RA90					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: VJC Lighting					SUR.: 1120*40			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	19.6	21.1	19.9	21.3	21.5	19.5	21.0	19.8	21.3	21.5
3H	21.1	22.5	21.4	22.7	23.0	21.0	22.4	21.3	22.6	22.9
4H	21.6	22.9	21.9	23.2	23.5	21.6	22.9	21.9	23.1	23.4
6H	22.0	23.2	22.3	23.5	23.8	21.9	23.2	22.3	23.5	23.8
8H	22.1	23.3	22.4	23.6	23.9	22.0	23.2	22.4	23.5	23.8
12H	22.1	23.3	22.5	23.6	23.9	22.1	23.2	22.4	23.5	23.9
4H 2H	20.2	21.5	20.5	21.8	22.0	20.1	21.5	20.5	21.7	22.0
3H	21.8	23.0	22.2	23.3	23.6	21.8	22.9	22.1	23.2	23.5
4H	22.5	23.5	22.9	23.9	24.2	22.4	23.5	22.8	23.8	24.2
6H	23.0	23.9	23.4	24.3	24.6	22.9	23.9	23.3	24.2	24.6
8H	23.1	24.0	23.5	24.4	24.8	23.1	24.0	23.5	24.3	24.7
12H	23.2	24.0	23.6	24.4	24.8	23.2	24.0	23.6	24.4	24.8
8H 4H	22.7	23.6	23.1	24.0	24.4	22.7	23.5	23.1	23.9	24.3
6H	23.3	24.1	23.8	24.5	24.9	23.3	24.0	23.7	24.4	24.9
8H	23.5	24.2	24.0	24.6	25.1	23.5	24.2	24.0	24.6	25.1
12H	23.7	24.2	24.2	24.7	25.2	23.7	24.2	24.1	24.7	25.2
12H 4H	22.7	23.5	23.2	23.9	24.3	22.7	23.5	23.1	23.9	24.3
6H	23.4	24.0	23.8	24.4	24.9	23.3	24.0	23.8	24.4	24.9
8H	23.6	24.2	24.1	24.6	25.1	23.6	24.1	24.1	24.6	25.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1434 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.3)  
Area: 0.0448 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Lihong yun  
Test Date:2023-03-02

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:7.580m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:220.56V I:0.0910A P:19.042W PF:0.9490 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1434.42x1 lm		
NAME: WL3178 3000K RA90	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 1120*40	Shielding Angle:

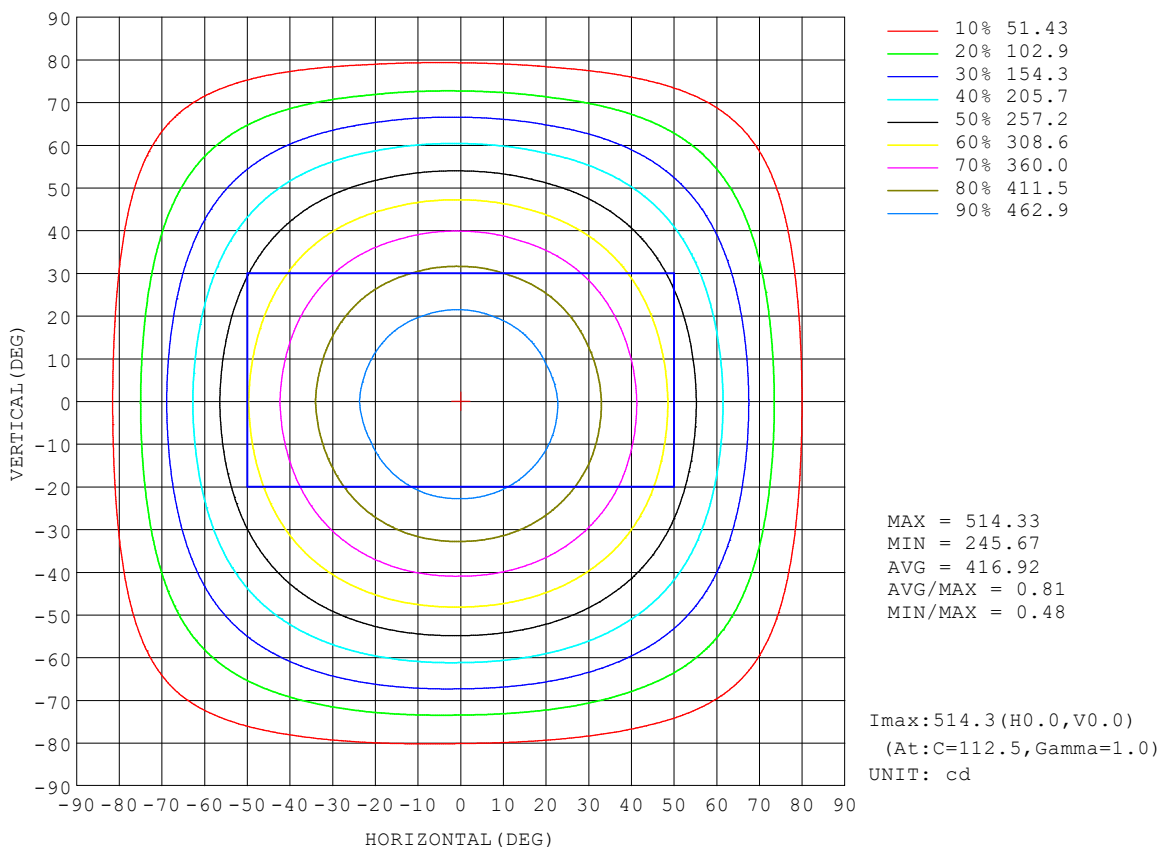
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	45	39	32
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	64	57	73	66	57	50
1.25	83	73	66	82	72	65	79	71	64	57
1.50	88	78	71	86	77	71	83	76	70	62
2.00	95	87	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	99	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3℃  
 Operators: Lihong yun  
 Test Date: 2023-03-02

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.456  
 Humidity: 65.0%  
 Test Distance: 7.580m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:220.56V I:0.0910A P:19.042W PF:0.9490 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1434.42x1 lm		
NAME: WL3178 3000K RA90	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 1120*40	Shielding Angle:



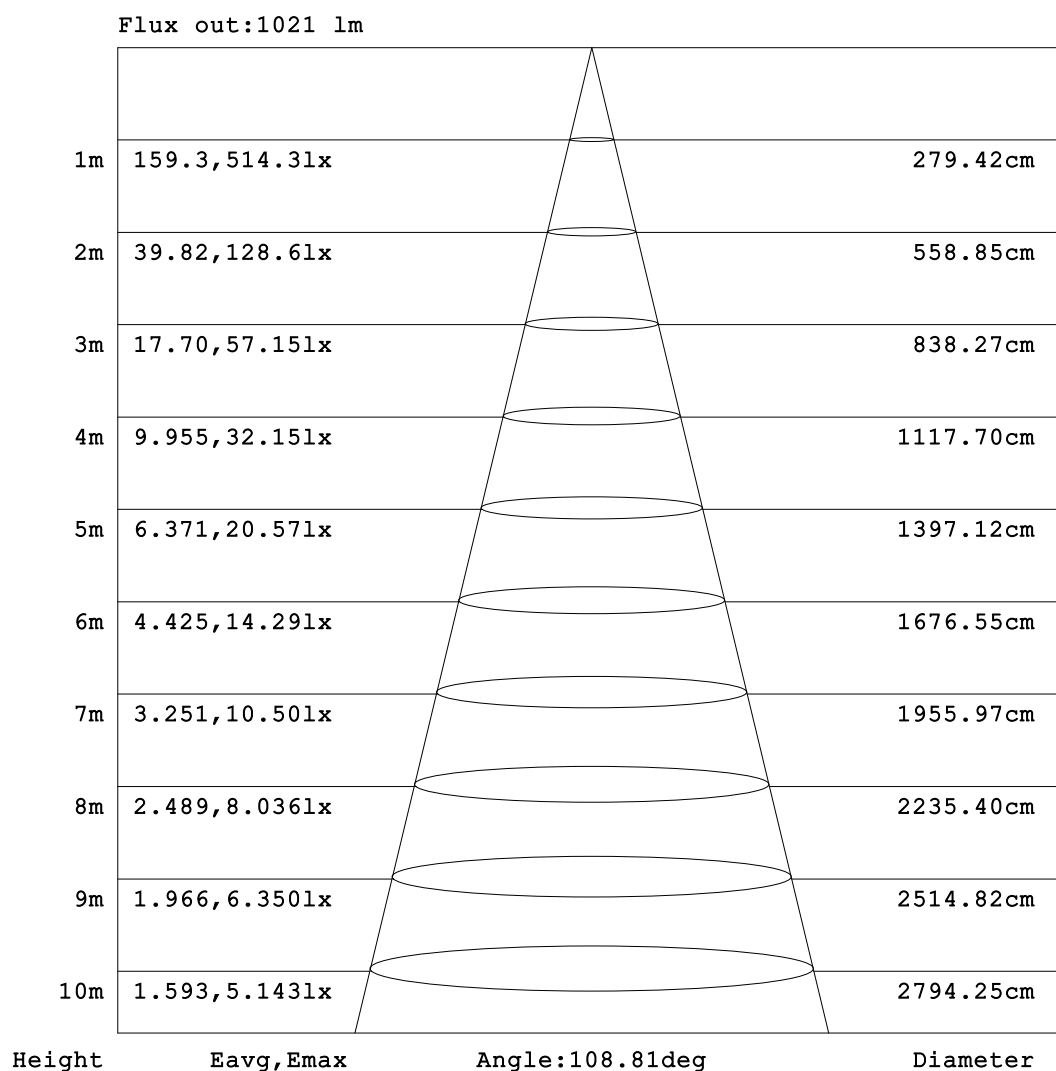
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Lihong yun  
Test Date:2023-03-02

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:7.580m [K=1.0000]  
Remarks:



## AAI Figure

Test:U:220.56V I:0.0910A P:19.042W PF:0.9490 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1434.42x1 lm		
NAME: WL3178 3000K RA90	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 1120*40	Shielding Angle:



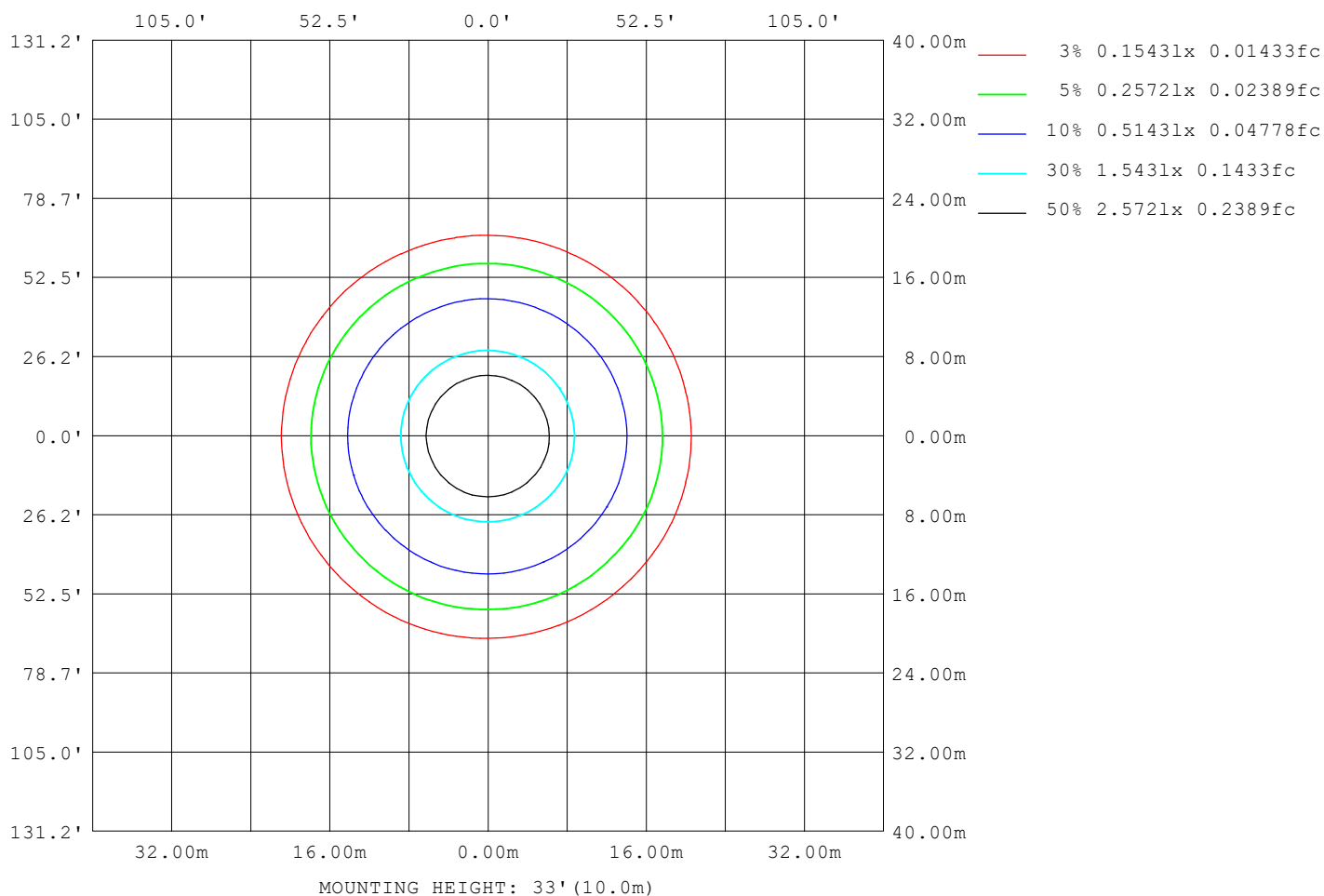
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3℃  
Operators: Lihong yun  
Test Date: 2023-03-02

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.456  
Humidity: 65.0%  
Test Distance: 7.580m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

Test:U:220.56V I:0.0910A P:19.042W PF:0.9490 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1434.42x1 lm		
NAME: WL3178 3000K RA90	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 1120*40	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Lihong yun  
Test Date: 2023-03-02

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.456  
Humidity: 65.0%  
Test Distance: 7.580m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:220.56V I:0.0910A P:19.042W PF:0.9490 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1434.42x1 lm		
NAME: WL3178 3000K RA90	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 1120*40	Shielding Angle:

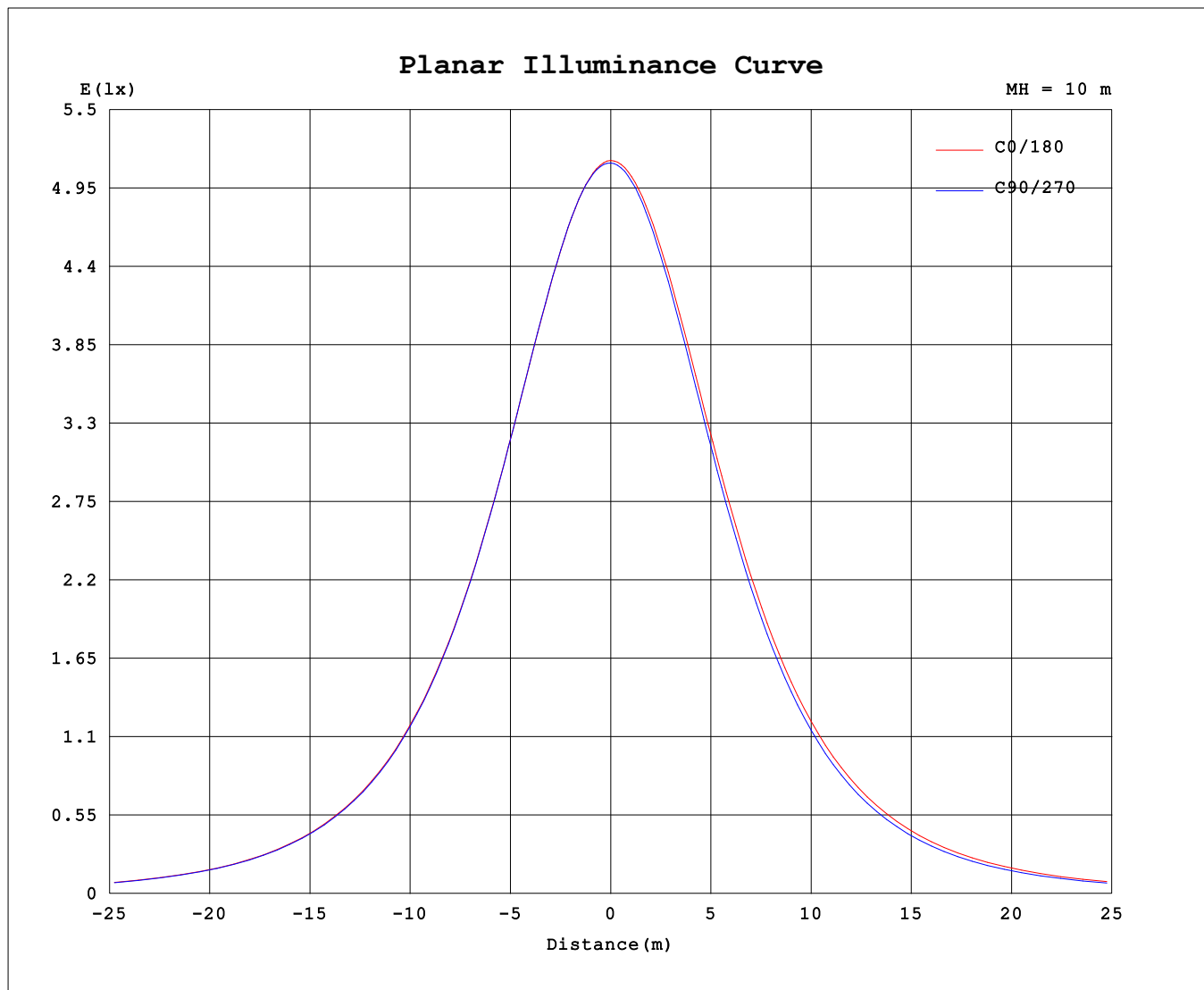
AvgL	cd/m2
L_0~180 (65) av	9553
L_0~180 (75) av	8298
L_0~180 (85) av	5907
L_90~270 (65) av	8998
L_90~270 (75) av	7517
L_90~270 (85) av	4525
L_45 (65) av	9241
L_45 (75) av	7851
L_45 (85) av	5105

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Lihong yun  
Test Date:2023-03-02

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:7.580m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: Lihong yun  
Test Date: 2023-03-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.456  
Humidity: 65.0%  
Test Distance: 7.580m [K=1.0000]  
Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.56V I:0.0910A P:19.042W PF:0.9490 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1434.42x1 lm		
NAME: WL3178 3000K RA90	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 1120*40	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	513	513	513	513	513	513	513	513	513	513	513	513	513	513	513	513			
5	510	510	510	510	511	511	511	511	510	510	510	509	509	509	509	509			
10	502	502	503	503	504	504	504	504	504	503	502	501	500	500	501	501			
15	489	490	490	491	491	493	493	492	492	491	490	488	487	487	488	489			
20	472	473	473	474	474	476	476	476	476	474	472	470	469	469	470	472			
25	451	453	452	453	453	455	456	456	456	453	451	448	447	446	449	450			
30	427	428	427	427	427	430	431	432	432	429	426	422	420	420	423	425			
35	398	400	399	398	398	401	403	405	404	401	398	393	391	391	394	397			
40	367	368	367	366	366	369	372	374	374	371	367	361	359	359	362	366			
45	333	334	332	332	332	335	338	341	341	337	332	327	324	324	328	332			
50	297	297	295	295	295	298	302	305	305	302	296	290	288	287	291	295			
55	258	259	256	256	256	260	263	267	267	263	258	251	249	248	252	256			
60	217	218	215	215	216	220	223	227	228	224	218	211	208	208	211	215			
65	175	175	173	173	174	178	181	186	187	182	177	170	167	166	169	173			
70	132	133	130	131	132	136	139	143	145	140	135	128	125	123	127	130			
75	89.9	90.4	88.6	89.7	90.4	94.7	97.6	102	103	98.0	93.1	86.7	83.9	82.1	84.8	87.6			
80	51.0	51.5	50.5	51.4	52.5	56.1	58.8	61.9	62.6	58.8	54.2	48.8	46.1	44.6	46.4	48.9			
85	18.2	18.8	18.3	19.1	20.0	23.0	25.3	27.6	28.0	24.8	21.3	17.3	15.4	14.0	15.0	16.5			
90	0.43	0.42	0.42	0.46	0.62	1.03	1.32	2.48	2.42	1.33	0.93	0.60	0.60	0.60	0.61	0.62			
95	0.53	0.54	0.50	0.51	0.46	0.48	0.47	0.52	0.75	0.72	0.71	0.68	0.74	0.72	0.76	0.75			
100	0.67	0.68	0.64	0.63	0.58	0.60	0.61	0.65	0.92	0.88	0.87	0.83	0.89	0.88	0.92	0.92			
105	0.82	0.83	0.78	0.78	0.73	0.75	0.75	0.81	1.11	1.07	1.05	1.01	1.06	1.05	1.10	1.10			
110	0.99	0.99	0.94	0.93	0.88	0.90	0.91	0.98	1.31	1.26	1.24	1.20	1.25	1.24	1.28	1.29			
115	1.16	1.17	1.12	1.10	1.06	1.07	1.08	1.15	1.51	1.46	1.43	1.39	1.44	1.43	1.48	1.49			
120	1.34	1.34	1.30	1.29	1.23	1.24	1.26	1.33	1.71	1.65	1.62	1.58	1.63	1.62	1.66	1.67			
125	1.51	1.51	1.48	1.48	1.41	1.42	1.43	1.50	1.89	1.82	1.80	1.76	1.81	1.80	1.84	1.84			
130	1.69	1.69	1.65	1.65	1.60	1.60	1.61	1.68	2.06	1.99	1.97	1.94	1.99	1.97	2.01	2.01			
135	1.86	1.87	1.82	1.81	1.78	1.78	1.79	1.86	2.22	2.15	2.14	2.10	2.15	2.13	2.17	2.16			
140	2.02	2.03	1.99	1.99	1.96	1.96	1.97	2.04	2.36	2.31	2.29	2.26	2.32	2.29	2.33	2.32			
145	2.19	2.19	2.16	2.17	2.14	2.13	2.15	2.21	2.50	2.44	2.45	2.42	2.47	2.45	2.48	2.46			
150	2.35	2.35	2.33	2.34	2.32	2.31	2.33	2.39	2.63	2.58	2.59	2.56	2.61	2.59	2.61	2.58			
155	2.52	2.51	2.49	2.52	2.49	2.51	2.50	2.56	2.76	2.71	2.73	2.71	2.76	2.73	2.74	2.71			
160	2.67	2.68	2.67	2.70	2.67	2.70	2.69	2.73	2.86	2.83	2.86	2.84	2.89	2.87	2.87	2.83			
165	2.82	2.84	2.82	2.85	2.84	2.88	2.85	2.88	2.97	2.95	2.98	2.97	3.00	3.00	2.99	2.95			
170	2.94	2.97	2.96	3.01	2.99	3.03	2.97	3.01	3.06	3.04	3.06	3.07	3.09	3.09	3.08	3.05			
175	3.04	3.09	3.06	3.09	3.08	3.10	3.07	3.10	3.10	3.09	3.12	3.12	3.17	3.13	3.14	3.11			
180	3.10	3.11	3.11	3.13	3.16	3.15	3.14	3.14	3.11	3.11	3.12	3.12	3.16	3.13	3.14	3.13			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:Lihong yun

Test Date:2023-03-02

γ Range: 0 - 180DEG

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Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.456

Humidity:65.0%

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