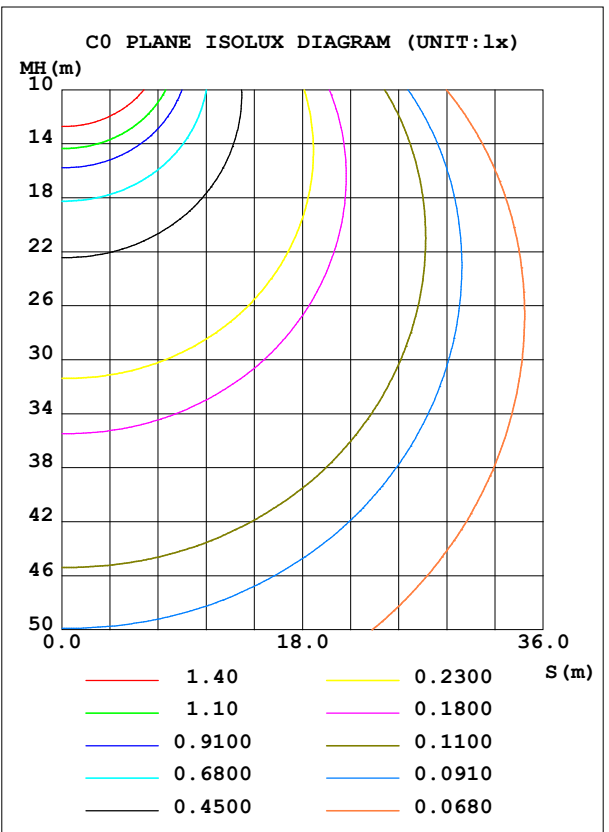
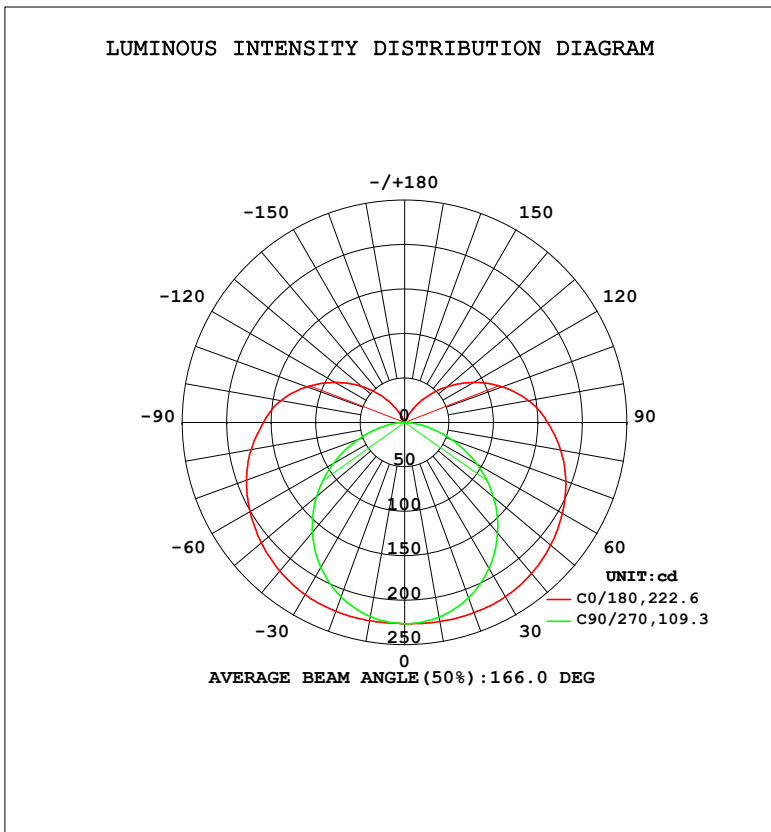


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.2V I:0.1191A P:14.21W PF:0.9927 Freq:60.01Hz Lamp Flux:1269.16x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MOD:VN25-16-15S-952C5-MVTD-BN		Imax (cd)	227.9	S/MH (C0/180)	1.50
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1269.2	$\eta$ UP, DN (C0-180)	11.3, 38.8
NOMINAL FLUX (lm)	1269.16	CIE CLASS	SEMI-D.	$\eta$ UP, DN (C180-360)	11.3, 38.5
LAMPS INSIDE	1	$\eta$ up (%)	22.6	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120	$\eta$ down (%)	77.4	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.2°C  
 Operators: Dano  
 Test Date: 2022-09-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity: 55.3%  
 Test Distance: 2.900m [K=0.8817]  
 Remarks:

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	227.4	225.2	222.2	224.4	226.3	224.0	221.6	224.8	0- 10	21.51	21.51	1.7,1.7
20	227.7	219.8	209.9	218.4	226.1	217.7	208.8	219.0	10- 20	62.79	84.30	6.64,6.64
30	226.3	209.9	189.6	208.1	223.8	207.3	188.5	209.0	20- 30	98.67	183.0	14.4,14.4
40	222.0	196.4	162.8	193.8	218.3	193.0	161.5	195.2	30- 40	125.9	308.9	24.3,24.3
50	214.5	179.5	130.5	176.5	210.5	175.6	129.2	178.0	40- 50	142.2	451.1	35.5,35.5
60	205.0	161.0	94.15	157.4	200.8	156.6	92.91	159.3	50- 60	147.2	598.3	47.1,47.1
70	192.8	142.3	55.90	138.9	189.3	138.2	55.09	140.6	60- 70	142.0	740.3	58.3,58.3
80	178.2	124.4	21.28	121.2	175.2	120.8	20.58	122.9	70- 80	129.2	869.5	68.5,68.5
90	160.8	106.7	1.397	104.4	158.9	104.0	1.254	105.6	80- 90	112.3	981.8	77.4,77.4
100	141.7	89.93	1.550	88.63	141.6	88.67	1.447	88.96	90-100	96.24	1078	84.9,84.9
110	117.4	70.45	1.489	68.65	117.5	68.88	1.452	69.59	100-110	76.89	1155	91,91
120	90.33	50.52	1.342	48.70	90.22	49.08	1.309	49.85	110-120	55.06	1210	95.3,95.3
130	62.95	30.90	1.143	29.72	63.07	30.29	1.131	31.05	120-130	34.32	1244	98,98
140	37.03	13.76	0.8597	12.16	37.14	13.66	0.9310	12.84	130-140	17.70	1262	99.4,99.4
150	13.36	0.6438	0.6104	0.5039	13.38	1.213	0.7302	0.7370	140-150	6.254	1268	99.9,99.9
160	0.2937	0.4004	0.4767	0.3543	0.3337	0.4140	0.5886	0.5455	150-160	0.7567	1269	100,100
170	0.2860	0.3595	0.4055	0.3346	0.3333	0.3689	0.4789	0.4657	160-170	0.1136	1269	100,100
180	0.3264	0.3496	0.3830	0.3636	0.3235	0.3339	0.3743	0.3751	170-180	0.0354	1269	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 378.66 lm

%lum = 29.8%

%lamp = 29.8%

Conical surface Flux(120deg): 598.32 lm

%lum = 47.1%

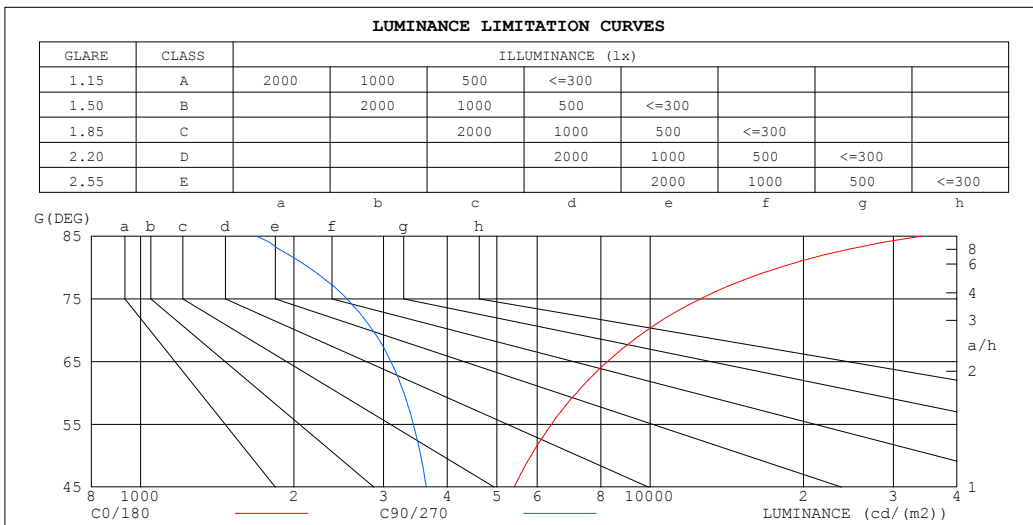
%lamp = 47.1%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.2℃  
Operators:Dano  
Test Date:2022-09-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
Humidity:55.3%  
Test Distance:2.900m [K=0.8817]  
Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:120.2V I:0.1191A P:14.21W PF:0.9927 Freq:60.01Hz Lamp Flux:1269.16x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	34061	1691
80	17948	2140
75	12558	2543
70	9858	2854
65	8241	3100
60	7170	3288
55	6401	3431
50	5837	3545
45	5407	3638

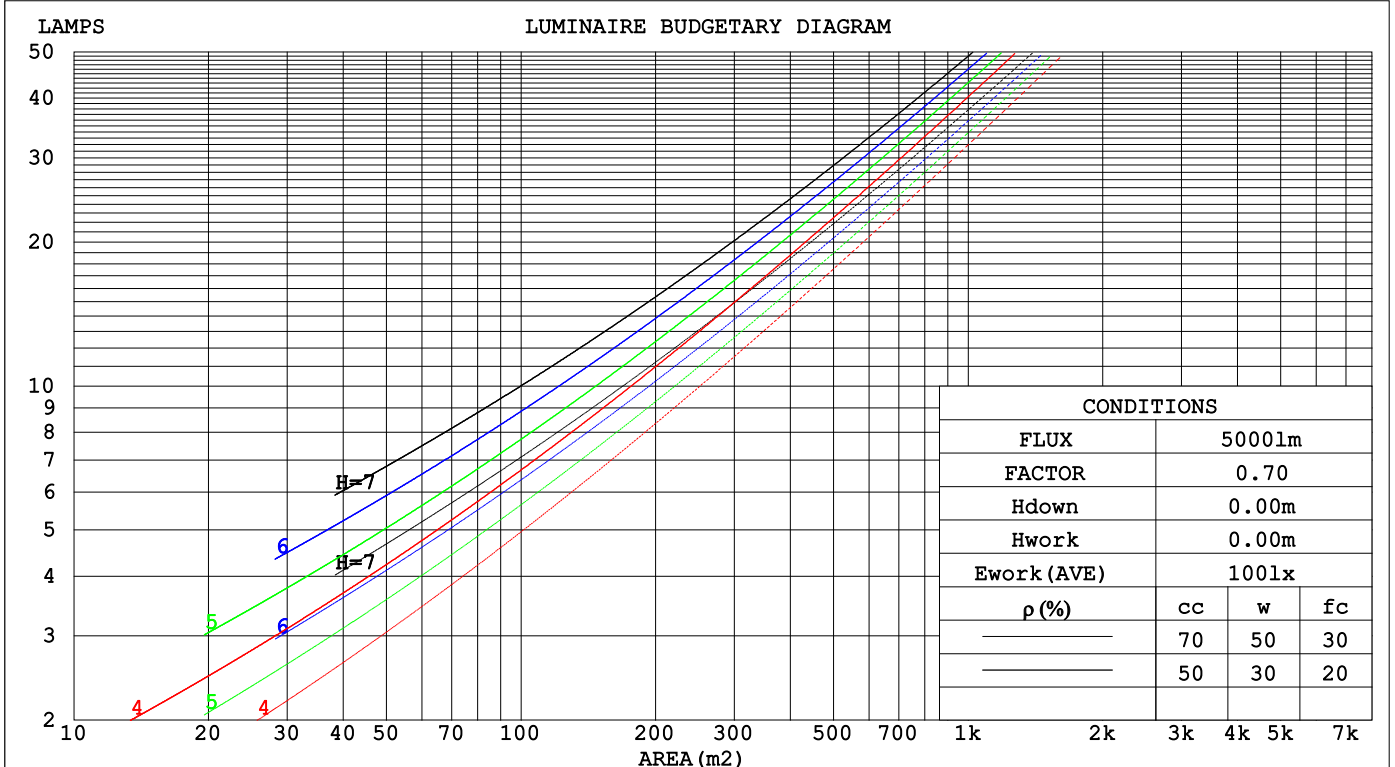
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.2°C  
 Operators: Dano  
 Test Date: 2022-09-07

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity: 55.3%  
 Test Distance: 2.900m [K=0.8817]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:120.2V I:0.1191A P:14.21W PF:0.9927 Freq:60.01Hz Lamp Flux:1269.16x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	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						Coefficients of Utilization(CU)									
0.0	1.14	1.14	1.14	1.08	1.08	1.08	.99	.99	.99	.90	.90	.90	.81	.81	.81	.77
1.0	.93	.88	.83	.89	.84	.79	.80	.76	.73	.73	.69	.66	.65	.63	.60	.57
2.0	.79	.71	.65	.76	.68	.62	.68	.62	.57	.61	.57	.52	.55	.51	.48	.44
3.0	.69	.59	.52	.65	.57	.50	.59	.52	.46	.53	.47	.43	.48	.43	.39	.36
4.0	.60	.50	.43	.57	.48	.42	.52	.44	.39	.47	.41	.36	.42	.37	.33	.30
5.0	.53	.44	.36	.51	.42	.35	.46	.38	.33	.42	.35	.30	.37	.32	.28	.25
6.0	.48	.38	.31	.45	.37	.30	.41	.34	.28	.37	.31	.26	.34	.28	.24	.22
7.0	.43	.34	.27	.41	.32	.26	.37	.30	.25	.34	.28	.23	.31	.25	.21	.19
8.0	.39	.30	.24	.37	.29	.23	.34	.27	.22	.31	.25	.20	.28	.23	.19	.17
9.0	.35	.27	.21	.34	.26	.21	.31	.24	.19	.28	.22	.18	.26	.21	.17	.15
10.0	.33	.24	.19	.31	.24	.19	.29	.22	.17	.26	.20	.16	.24	.19	.15	.13



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.2°C  
 Operators:Dano  
 Test Date:2022-09-07

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:55.3%  
 Test Distance:2.900m [K=0.8817]  
 Remarks:

**WEC AND CCEC**

Test:U:120.2V I:0.1191A P:14.21W PF:0.9927 Freq:60.01Hz Lamp Flux:1269.16x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

ρ <sub>cc</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.405	.230	.073	.390	.223	.071	.364	.209	.067	.339	.196	.063	.317	.184	.059	
2.0	.344	.189	.058	.332	.183	.056	.308	.171	.053	.285	.160	.050	.265	.150	.047	
3.0	.303	.161	.048	.292	.156	.047	.270	.146	.044	.250	.137	.042	.231	.128	.040	
4.0	.271	.141	.041	.261	.137	.040	.241	.128	.038	.223	.120	.036	.205	.112	.034	
5.0	.246	.125	.036	.236	.121	.035	.218	.114	.033	.201	.106	.032	.186	.099	.030	
6.0	.224	.113	.032	.216	.109	.031	.199	.102	.030	.184	.096	.028	.169	.089	.026	
7.0	.207	.102	.029	.199	.099	.028	.183	.093	.027	.169	.087	.025	.156	.081	.024	
8.0	.191	.093	.026	.184	.091	.026	.170	.085	.024	.157	.079	.023	.145	.074	.022	
9.0	.178	.086	.024	.171	.083	.023	.158	.078	.022	.146	.073	.021	.135	.068	.020	
10.0	.166	.080	.022	.160	.077	.022	.148	.073	.020	.137	.068	.019	.126	.064	.018	

ρ <sub>cc</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.363	.363	.363	.310	.310	.310	.212	.212	.212	.122	.122	.122	.039	.039	.039	
1.0	.361	.329	.301	.309	.283	.259	.211	.194	.179	.122	.112	.104	.039	.036	.034	
2.0	.354	.307	.267	.304	.264	.231	.208	.183	.161	.120	.106	.094	.038	.034	.031	
3.0	.347	.291	.246	.297	.251	.213	.204	.174	.149	.118	.102	.088	.038	.033	.029	
4.0	.339	.278	.232	.291	.240	.201	.200	.168	.142	.116	.098	.084	.037	.032	.028	
5.0	.331	.269	.222	.285	.232	.193	.196	.162	.137	.114	.095	.081	.037	.031	.027	
6.0	.324	.261	.216	.278	.226	.188	.192	.158	.133	.111	.093	.079	.036	.030	.026	
7.0	.317	.254	.211	.272	.220	.183	.188	.155	.130	.109	.091	.077	.035	.030	.026	
8.0	.310	.249	.207	.267	.216	.180	.185	.152	.128	.107	.089	.076	.035	.029	.025	
9.0	.304	.244	.204	.262	.212	.178	.181	.149	.126	.106	.088	.075	.034	.029	.025	
10.0	.298	.240	.201	.257	.208	.176	.178	.147	.125	.104	.087	.075	.034	.028	.025	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.2℃  
 Operators:Dano  
 Test Date:2022-09-07

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:55.3%  
 Test Distance:2.900m [K=0.8817]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.2V I:0.1191A P:14.21W PF:0.9927 Freq:60.01Hz Lamp Flux:1269.16x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	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	18.6	19.9	19.1	20.5	21.1	15.5	16.8	16.0	17.4	18.0
3H	21.6	22.8	22.2	23.4	24.1	16.9	18.2	17.5	18.8	19.5
4H	23.3	24.4	23.9	25.1	25.8	17.6	18.7	18.2	19.4	20.1
6H	25.1	26.2	25.8	26.9	27.6	18.0	19.1	18.6	19.7	20.5
8H	26.2	27.2	26.8	27.9	28.6	18.1	19.2	18.8	19.9	20.6
12H	27.3	28.4	28.0	29.0	29.8	18.2	19.2	18.9	19.9	20.7
4H 2H	19.1	20.3	19.7	20.9	21.6	17.0	18.1	17.6	18.8	19.5
3H	22.4	23.4	23.0	24.1	24.9	18.8	19.8	19.4	20.5	21.2
4H	24.3	25.2	25.0	25.9	26.7	19.6	20.5	20.3	21.2	22.0
6H	26.4	27.2	27.1	27.9	28.8	20.3	21.1	21.0	21.8	22.7
8H	27.5	28.3	28.2	29.1	29.9	20.5	21.3	21.2	22.0	22.9
12H	28.9	29.6	29.6	30.3	31.2	20.7	21.4	21.4	22.2	23.0
8H 4H	24.6	25.4	25.3	26.1	27.0	21.1	21.9	21.8	22.6	23.5
6H	27.0	27.7	27.8	28.5	29.4	22.2	22.9	23.0	23.7	24.5
8H	28.4	29.0	29.2	29.8	30.7	22.7	23.3	23.5	24.1	25.0
12H	30.0	30.6	30.8	31.4	32.3	23.1	23.7	23.9	24.4	25.4
12H 4H	24.6	25.4	25.4	26.1	27.0	21.6	22.4	22.3	23.1	24.0
6H	27.2	27.8	27.9	28.5	29.4	23.0	23.7	23.8	24.4	25.3
8H	28.7	29.2	29.4	30.0	30.9	23.8	24.3	24.5	25.1	26.0

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.1 / - 0.1	+ 0.1 / - 0.1
1.5H	+ 0.2 / - 0.3	+ 0.2 / - 0.3
2.0H	+ 0.3 / - 0.4	+ 0.3 / - 0.4

CIE Pub.117, 1269 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 0.8)  
Area: 0.0572555 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.2℃  
Operators:Dano  
Test Date:2022-09-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
Humidity:55.3%  
Test Distance:2.900m [K=0.8817]  
Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:120.2V I:0.1191A P:14.21W PF:0.9927 Freq:60.01Hz Lamp Flux:1269.16x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

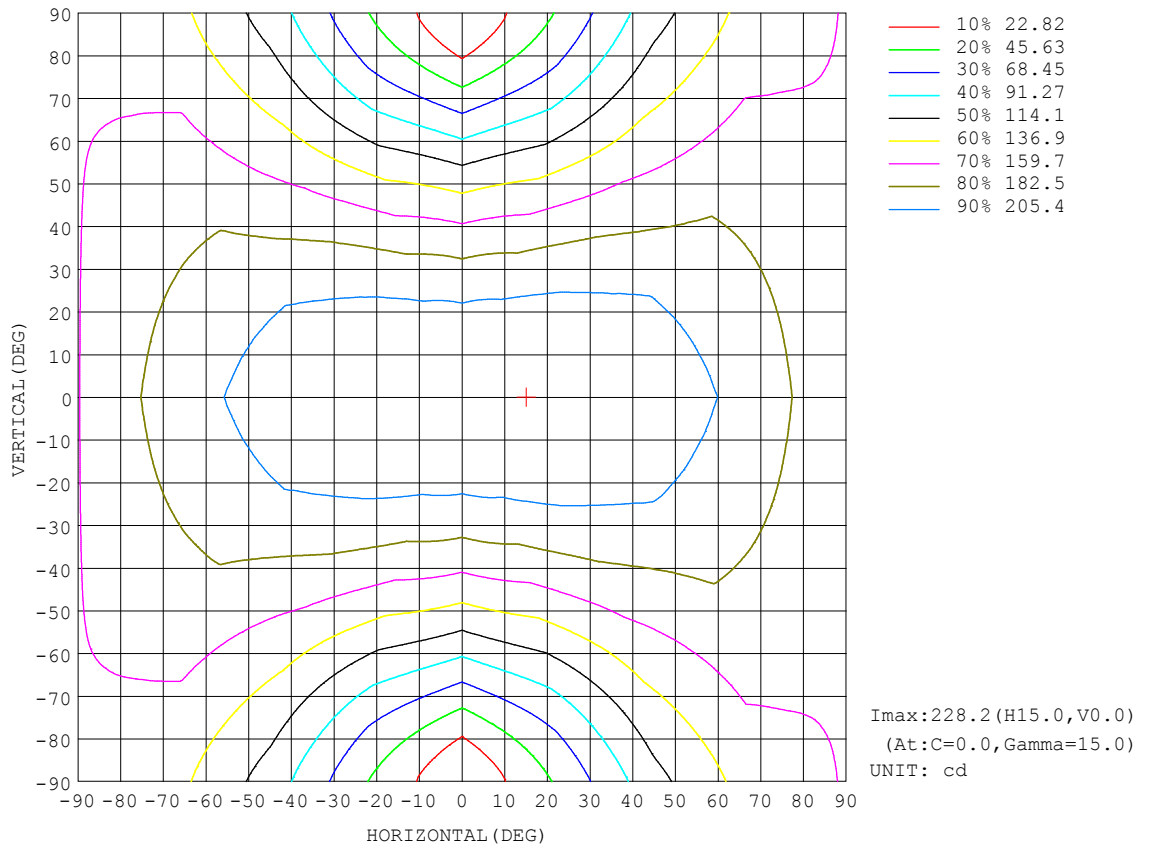
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	45	32	25	44	32	25	42	31	24	18
0.80	54	40	32	52	40	32	49	38	31	23
1.00	61	48	39	59	47	39	56	47	37	28
1.25	68	55	46	66	54	45	61	51	43	33
1.50	74	61	52	71	59	50	65	55	48	37
2.00	81	69	60	78	67	59	71	63	56	43
2.50	86	75	66	82	72	64	75	67	60	47
3.00	89	79	71	86	77	69	78	71	65	50
4.00	94	86	79	90	82	76	82	76	71	55
5.00	98	90	84	93	86	81	85	79	75	58
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:25.2°C  
 Operators:Dano  
 Test Date:2022-09-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:55.3%  
 Test Distance:2.900m [K=0.8817]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.2V I:0.1191A P:14.21W PF:0.9927 Freq:60.01Hz Lamp Flux:1269.16x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



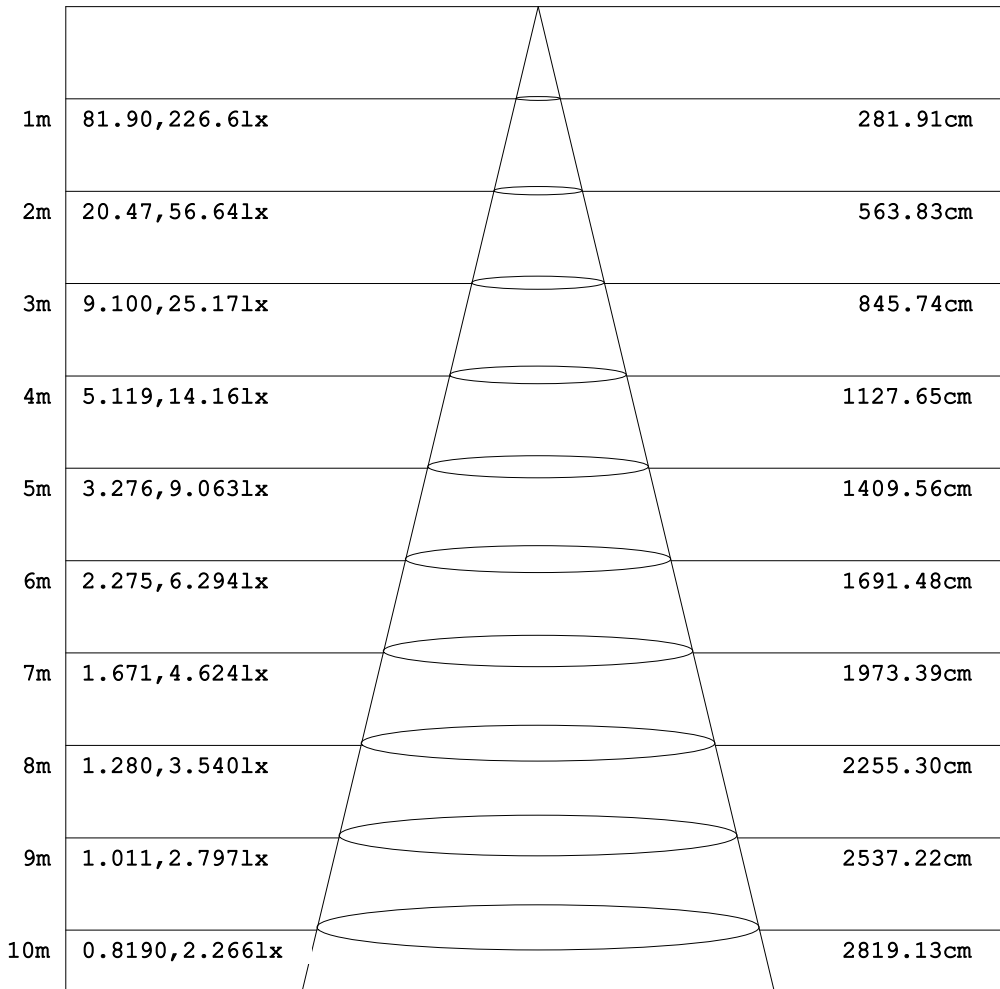
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.2°C  
 Operators:Dano  
 Test Date:2022-09-07

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:55.3%  
 Test Distance:2.900m [K=0.8817]  
 Remarks:

**AAI Figure**

Test:U:120.2V I:0.1191A P:14.21W PF:0.9927 Freq:60.01Hz Lamp Flux:1269.16x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

Flux out:524.8 lm



Height                      Eavg, Emax                      Angle:109.29deg                      Diameter

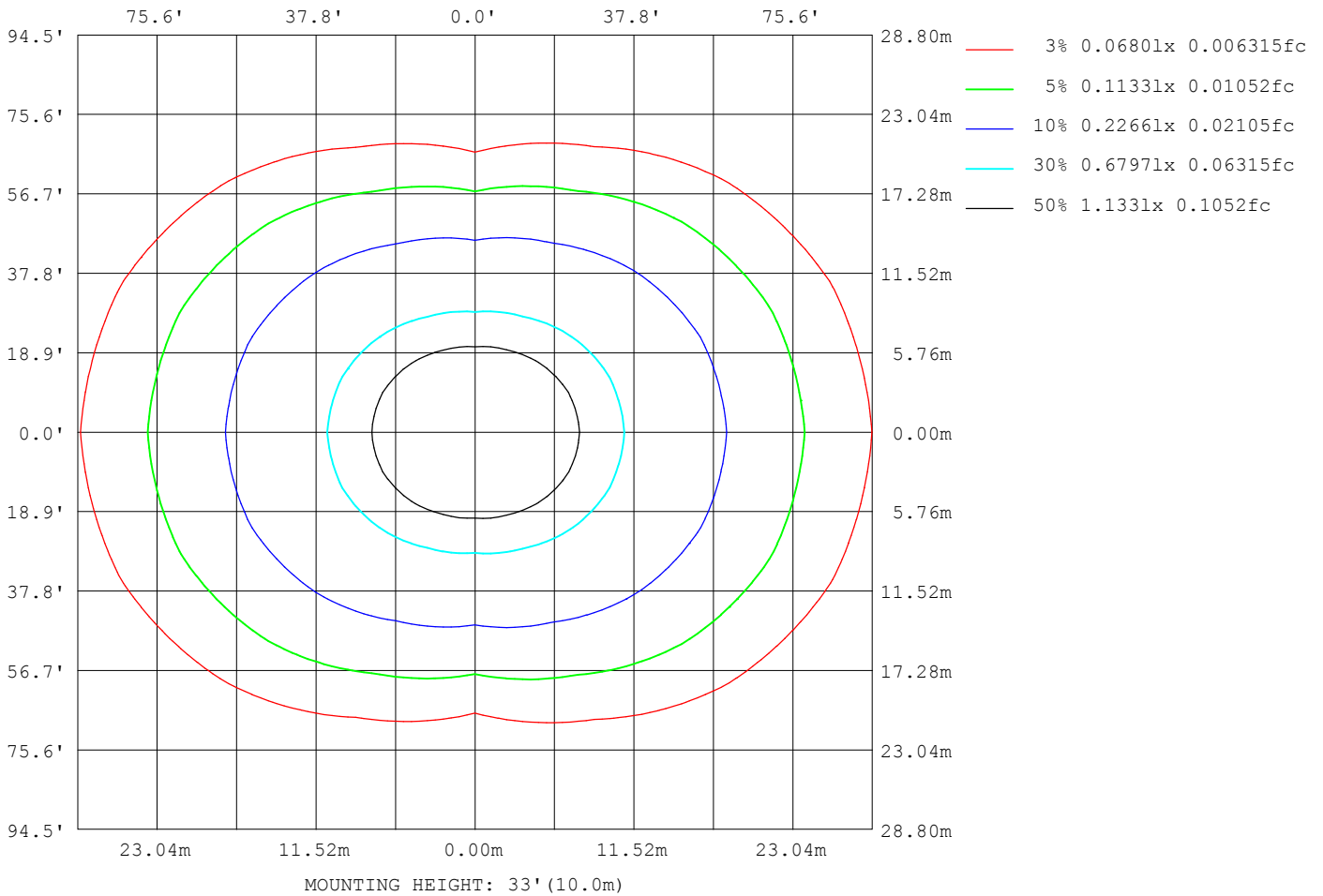
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.2°C  
Operators:Dano  
Test Date:2022-09-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
Humidity:55.3%  
Test Distance:2.900m [K=0.8817]  
Remarks:

ISOLUX DIAGRAM

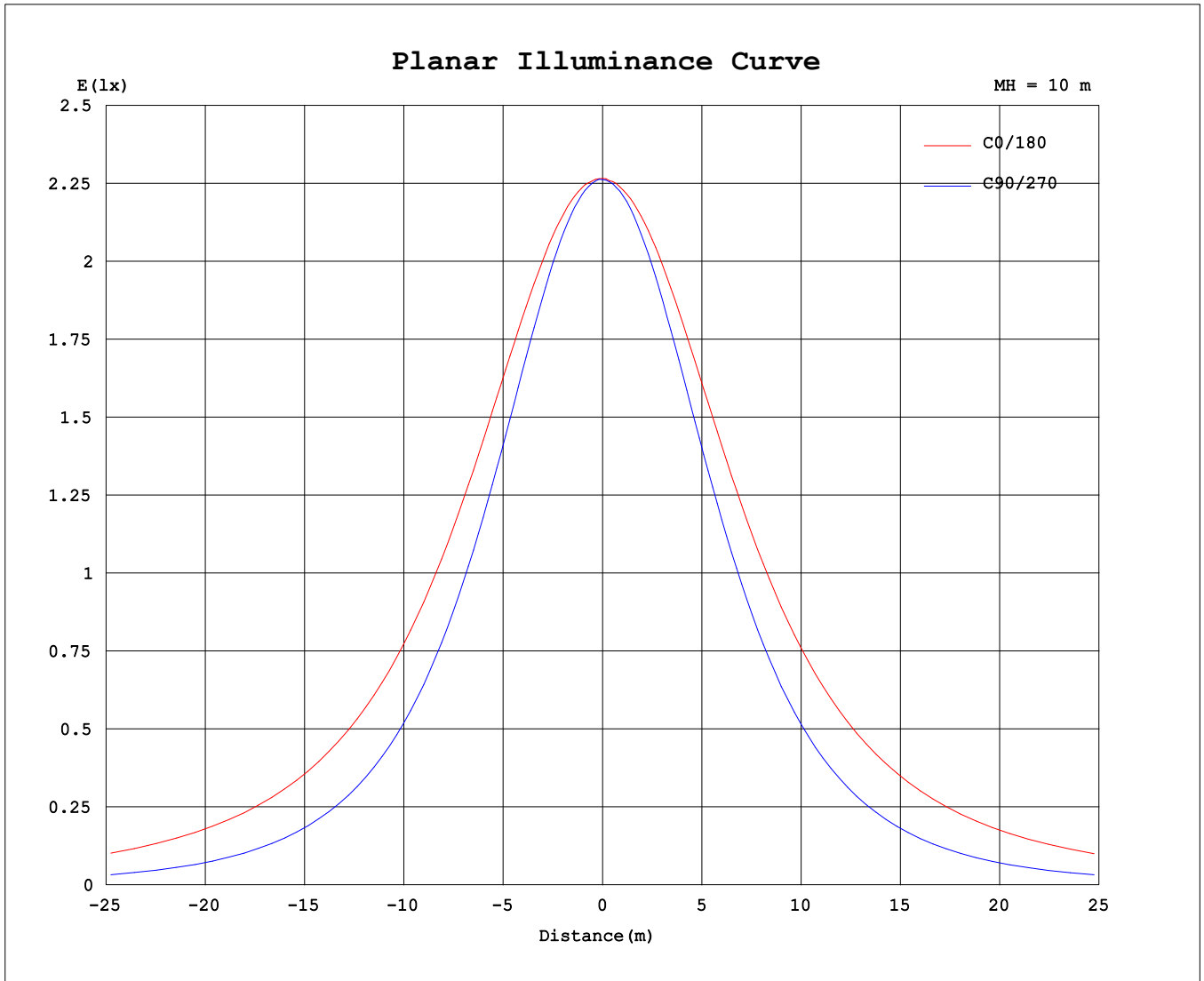
Test:U:120.2V I:0.1191A P:14.21W PF:0.9927 Freq:60.01Hz Lamp Flux:1269.16x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.2°C  
 Operators:Dano  
 Test Date:2022-09-07

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:55.3%  
 Test Distance:2.900m [K=0.8817]  
 Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.2°C  
Operators: Dano  
Test Date: 2022-09-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
Humidity: 55.3%  
Test Distance: 2.900m [K=0.8817]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.1191A P:14.21W PF:0.9927 Freq:60.01Hz Lamp Flux:1269.16x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	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	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226			
5	227	226	226	225	225	225	226	226	226	226	226	225	225	225	226	226			
10	227	227	225	223	222	223	224	226	226	226	224	222	222	223	225	227			
15	228	226	223	219	217	218	222	225	227	225	221	218	216	218	222	226			
20	228	225	220	213	210	212	218	224	226	224	218	212	209	212	219	225			
25	228	224	215	206	201	204	214	222	225	221	213	204	200	205	215	224			
30	226	222	210	197	190	195	208	219	224	219	207	195	189	195	209	221			
35	225	219	204	186	177	184	201	216	221	215	200	184	176	185	203	218			
40	222	215	196	174	163	173	194	212	218	211	193	172	162	173	195	214			
45	219	210	188	162	147	160	185	207	215	206	184	159	146	160	187	210			
50	215	205	179	148	130	146	177	201	211	201	176	146	129	146	178	204			
55	210	199	170	134	113	132	167	195	206	194	166	131	111	132	169	199			
60	205	193	161	119	94.2	117	157	189	201	188	157	117	92.9	118	159	192			
65	199	187	151	105	75.0	103	148	183	195	182	147	102	74.0	103	150	186			
70	193	180	142	91.0	55.9	88.7	139	176	189	175	138	88.3	55.1	89.3	141	179			
75	186	172	133	78.1	37.7	75.7	130	169	183	168	129	75.4	36.9	76.4	132	171			
80	178	164	124	66.8	21.3	64.3	121	161	175	161	121	64.4	20.6	65.2	123	164			
85	170	156	115	56.9	8.44	54.5	112	153	167	152	112	54.8	7.71	55.5	114	155			
90	161	147	107	48.7	1.40	46.6	104	144	159	144	104	47.0	1.25	47.6	106	146			
95	152	139	99.2	42.6	1.49	41.0	97.5	137	151	137	97.3	41.5	1.36	41.6	98.1	138			
100	142	128	89.9	36.3	1.55	34.5	88.6	127	142	127	88.7	35.1	1.45	35.3	89.0	128			
105	130	117	80.4	30.0	1.54	28.1	78.8	116	130	116	79.0	28.7	1.49	29.1	79.5	117			
110	117	105	70.4	24.1	1.49	22.1	68.6	104	117	104	68.9	22.8	1.45	23.2	69.6	105			
115	104	92.5	60.4	18.3	1.42	16.4	58.6	91.3	104	91.6	58.9	17.0	1.39	17.6	59.6	92.4			
120	90.3	79.8	50.5	12.8	1.34	10.9	48.7	78.5	90.2	78.9	49.1	11.5	1.31	12.1	49.8	79.8			
125	76.5	67.1	40.7	7.62	1.25	5.86	39.1	65.8	76.5	66.3	39.5	6.39	1.22	6.77	40.3	67.2			
130	63.0	54.7	30.9	3.03	1.14	1.60	29.7	53.4	63.1	54.0	30.3	2.06	1.13	2.52	31.1	54.7			
135	49.8	42.6	22.2	1.25	1.01	1.07	20.7	41.3	49.9	42.1	21.6	1.17	1.04	1.27	21.9	42.5			
140	37.0	30.9	13.8	0.97	0.86	0.80	12.2	29.7	37.1	30.8	13.7	0.94	0.93	0.98	12.8	30.6			
145	24.8	19.0	6.00	0.75	0.73	0.68	4.39	18.5	25.0	20.5	6.83	0.80	0.82	0.83	3.71	18.8			
150	13.4	9.32	0.64	0.61	0.61	0.57	0.50	8.24	13.4	10.7	1.21	0.70	0.73	0.72	0.74	7.59			
155	3.06	0.72	0.47	0.52	0.53	0.49	0.39	0.31	3.00	1.96	0.49	0.60	0.66	0.65	0.59	0.56			
160	0.29	0.33	0.40	0.46	0.48	0.43	0.35	0.28	0.33	0.34	0.41	0.52	0.59	0.59	0.55	0.46			
165	0.28	0.31	0.37	0.42	0.43	0.40	0.34	0.29	0.32	0.33	0.38	0.46	0.52	0.53	0.49	0.44			
170	0.29	0.32	0.36	0.40	0.41	0.38	0.33	0.30	0.33	0.33	0.37	0.44	0.48	0.49	0.47	0.42			
175	0.31	0.33	0.36	0.38	0.39	0.37	0.35	0.32	0.33	0.33	0.35	0.38	0.43	0.44	0.42	0.38			
180	0.33	0.33	0.35	0.38	0.38	0.37	0.36	0.33	0.32	0.32	0.33	0.36	0.37	0.38	0.38	0.36			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.2℃  
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