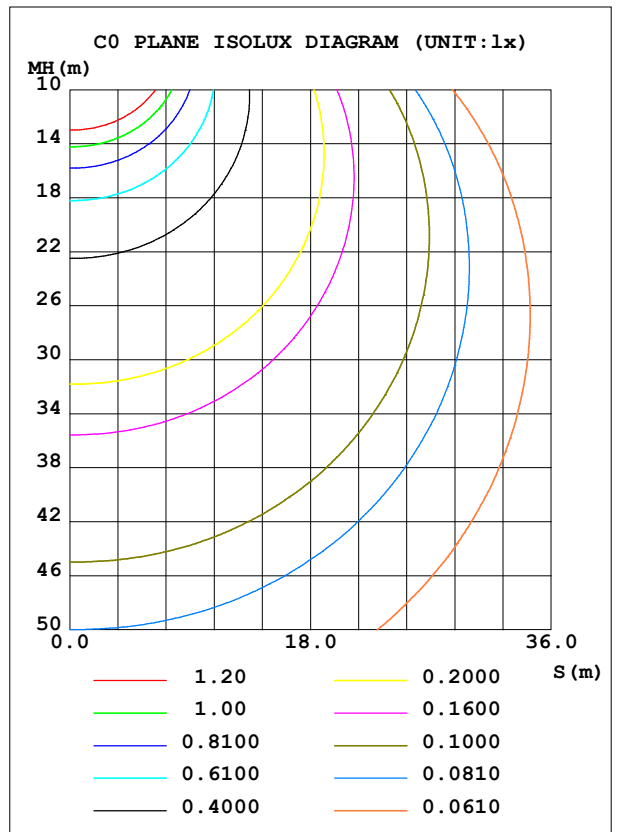
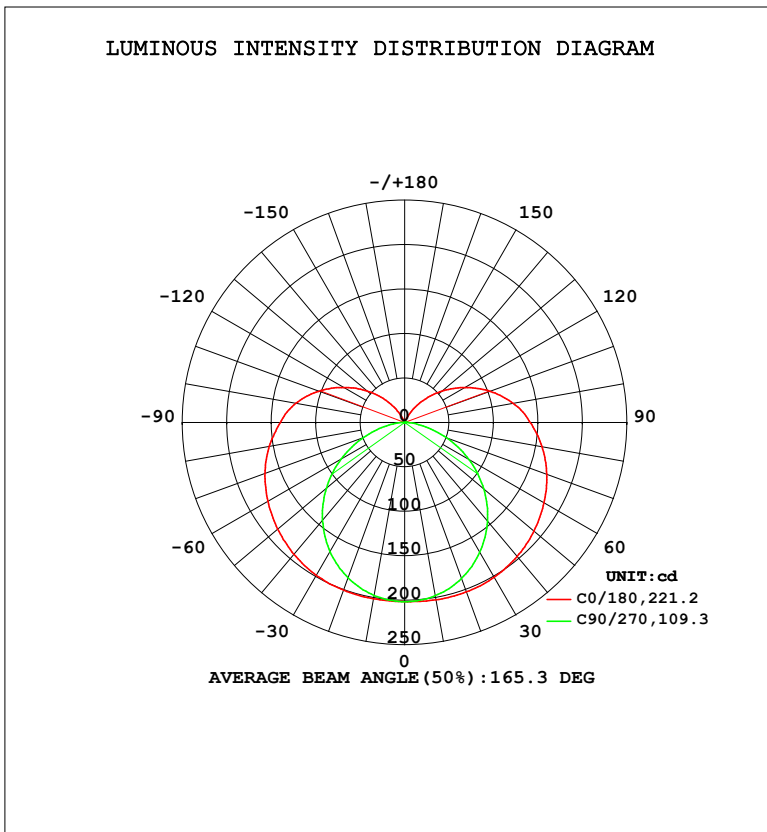


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.2V I:0.1195A P:14.26W PF:0.9928 Freq:60.01Hz Lamp Flux:1122.74x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 2700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 78.75 lm/W
MODEL	VN25-16-15S-952C5-MVTD-BN	Imax (cd)	203.0	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)	1122.7	$\eta$ UP, DN (C0-180)	11.2, 38.9	
NOMINAL FLUX (lm)	1122.74	CIE CLASS	SEMI-D.	$\eta$ UP, DN (C180-360)	11.2, 38.6	
LAMPS INSIDE	1	$\eta$ up (%)	22.5	CIBSE SHR NOM	1.50	
TEST VOLTAGE (V)	120	$\eta$ down (%)	77.5	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	202.5	200.5	197.9	199.7	201.5	199.6	197.6	199.9	0- 10	19.17	19.17	1.71,1.71
20	202.8	195.8	186.8	194.0	200.8	193.9	186.1	194.7	10- 20	55.91	75.08	6.69,6.69
30	201.2	187.2	169.0	184.7	198.7	184.7	167.9	185.4	20- 30	87.81	162.9	14.5,14.5
40	196.9	175.0	145.1	171.6	193.7	172.1	143.8	172.6	30- 40	111.9	274.8	24.5,24.5
50	190.0	160.0	116.2	155.7	186.4	156.7	114.9	156.9	40- 50	126.3	401.2	35.7,35.7
60	181.0	143.5	83.76	138.4	177.6	139.9	82.74	139.9	50- 60	130.5	531.7	47.4,47.4
70	170.1	127.0	49.78	121.4	167.2	123.6	48.95	122.9	60- 70	125.7	657.4	58.5,58.5
80	156.9	111.0	18.92	105.5	154.5	108.1	18.26	106.8	70- 80	114.1	771.5	68.7,68.7
90	141.3	95.32	1.178	90.41	139.9	93.17	1.071	91.35	80- 90	98.97	870.4	77.5,77.5
100	124.3	80.25	1.392	76.49	124.5	79.32	1.286	76.65	90-100	84.64	955.1	85.1,85.1
110	102.7	62.88	1.320	58.98	103.0	61.73	1.282	59.75	100-110	67.51	1023	91.1,91.1
120	78.94	45.19	1.187	41.61	79.11	44.05	1.152	42.69	110-120	48.29	1071	95.4,95.4
130	55.03	27.89	1.011	25.16	55.27	27.35	0.9932	26.47	120-130	30.09	1101	98.1,98.1
140	32.36	12.64	0.7608	10.03	32.50	12.47	0.8211	10.80	130-140	15.51	1116	99.4,99.4
150	11.78	0.5879	0.5375	0.4341	11.72	1.296	0.6444	0.6367	140-150	5.489	1122	99.9,99.9
160	0.2624	0.3515	0.4183	0.3136	0.2958	0.3696	0.5203	0.4761	150-160	0.6647	1123	100,100
170	0.2533	0.3156	0.3560	0.2983	0.2949	0.3236	0.4213	0.4111	160-170	0.1002	1123	100,100
180	0.2901	0.3130	0.3383	0.3210	0.2881	0.2963	0.3311	0.3333	170-180	0.0313	1123	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 336.85 lm

%lum = 30.0%

%lamp = 30.0%

Conical surface Flux(120deg): 531.7 lm

%lum = 47.4%

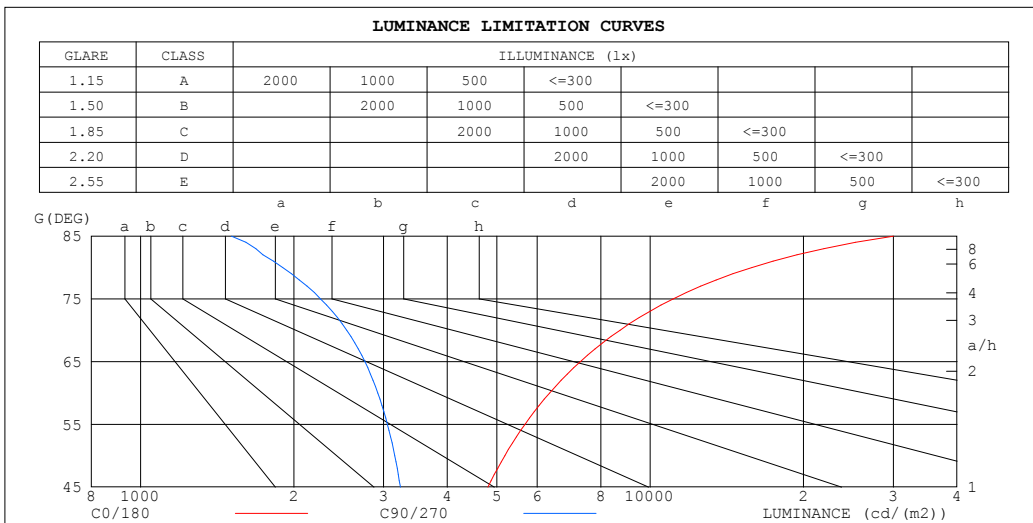
%lamp = 47.4%

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:0.1195A P:14.26W PF:0.9928 Freq:60.01Hz Lamp Flux:1122.74x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 2700K	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	30036	1508
80	15847	1901
75	11103	2256
70	8726	2539
65	7301	2757
60	6351	2923
55	5679	3051
50	5186	3153
45	4805	3238

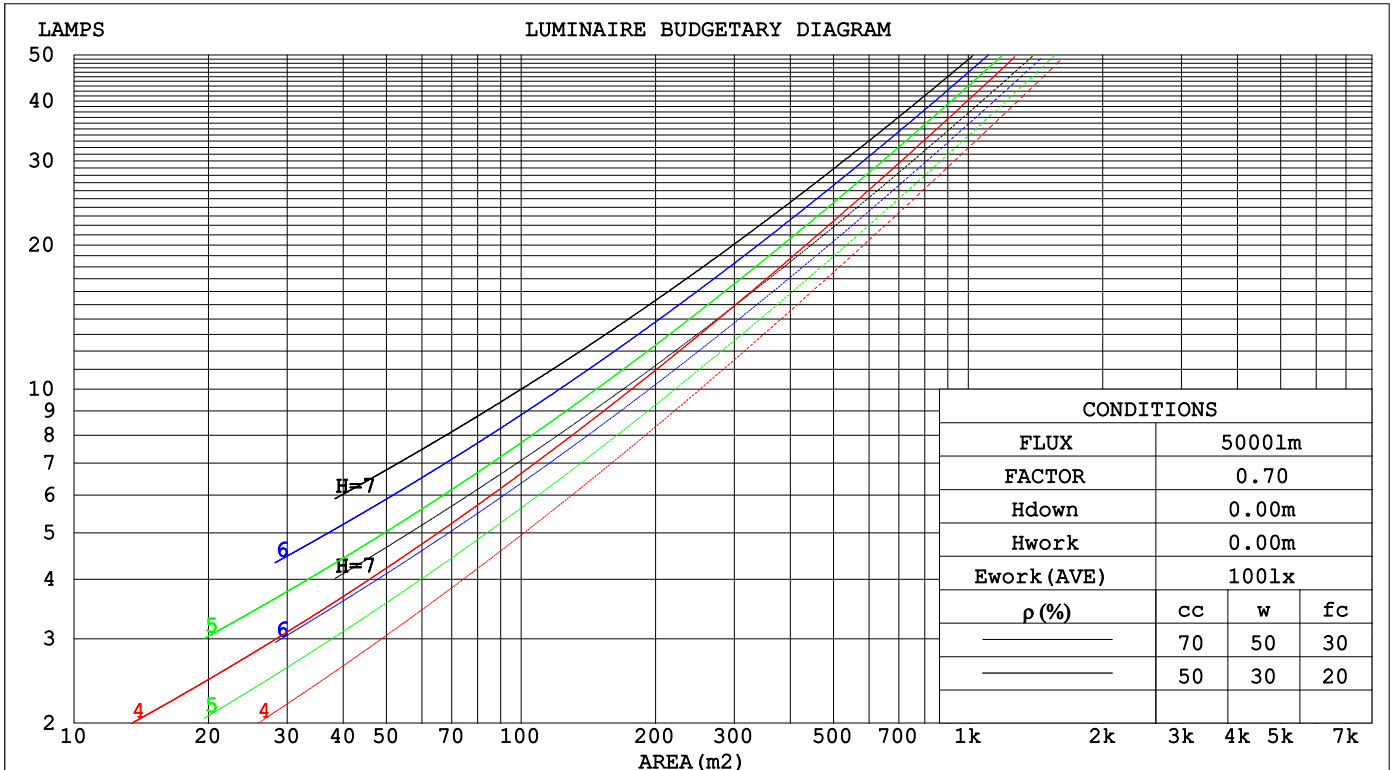
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.2°C  
 Operators: Dano  
 Test Date: 2022-09-07

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:0.1195A P:14.26W PF:0.9928 Freq:60.01Hz Lamp Flux:1122.74x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 2700K	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	.78
1.0	.94	.88	.83	.89	.84	.79	.81	.76	.73	.73	.69	.67	.66	.63	.61	.57
2.0	.80	.71	.65	.76	.68	.62	.68	.62	.57	.62	.57	.53	.55	.52	.48	.45
3.0	.69	.60	.52	.65	.57	.50	.59	.52	.46	.53	.48	.43	.48	.43	.39	.36
4.0	.60	.51	.43	.57	.48	.42	.52	.44	.39	.47	.41	.36	.42	.37	.33	.30
5.0	.53	.44	.37	.51	.42	.35	.46	.39	.33	.42	.35	.30	.38	.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	.29	.22	.18	.26	.21	.17	.15
10.0	.33	.25	.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:0.1195A P:14.26W PF:0.9928 Freq:60.01Hz Lamp Flux:1122.74x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 2700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.404	.230	.073	.390	.222	.071	.364	.209	.067	.339	.196	.063	.317	.184	.059	
2.0	.344	.189	.058	.331	.183	.056	.307	.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	.136	.040	.241	.128	.038	.223	.120	.036	.206	.112	.034	
5.0	.246	.125	.036	.236	.121	.035	.218	.114	.033	.201	.106	.032	.186	.099	.030	
6.0	.224	.112	.032	.216	.109	.031	.199	.102	.030	.184	.096	.028	.170	.089	.027	
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	.080	.023	.145	.074	.022	
9.0	.178	.086	.024	.171	.083	.023	.158	.078	.022	.146	.073	.021	.135	.069	.020	
10.0	.166	.080	.022	.160	.077	.022	.148	.073	.020	.137	.068	.019	.126	.064	.018	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.362	.362	.362	.309	.309	.309	.211	.211	.211	.121	.121	.121	.039	.039	.039	
1.0	.359	.328	.300	.308	.281	.258	.210	.194	.178	.121	.112	.104	.039	.036	.034	
2.0	.353	.305	.265	.302	.263	.229	.207	.182	.160	.119	.106	.094	.038	.034	.031	
3.0	.346	.289	.244	.296	.250	.212	.203	.173	.149	.117	.101	.088	.038	.033	.029	
4.0	.338	.277	.231	.290	.239	.200	.199	.167	.141	.115	.098	.083	.037	.032	.027	
5.0	.330	.267	.221	.283	.231	.192	.195	.162	.136	.113	.095	.081	.036	.031	.027	
6.0	.323	.259	.214	.277	.225	.187	.191	.157	.132	.111	.093	.078	.036	.030	.026	
7.0	.315	.253	.209	.271	.219	.182	.187	.154	.129	.109	.091	.077	.035	.030	.025	
8.0	.309	.247	.205	.266	.215	.179	.184	.151	.127	.107	.089	.076	.035	.029	.025	
9.0	.302	.243	.202	.260	.211	.177	.180	.148	.125	.105	.087	.075	.034	.029	.025	
10.0	.296	.239	.200	.256	.207	.175	.177	.146	.124	.103	.086	.074	.034	.028	.025	

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:

**UGR(Unified Glare Rating) Table**

Test:U:120.2V I:0.1195A P:14.26W PF:0.9928 Freq:60.01Hz Lamp Flux:1122.74x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 2700K	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		18.2	19.5	18.7	20.1	20.7	15.1	16.4	15.7	17.0	17.7
	3H	21.2	22.4	21.8	23.0	23.7	16.6	17.8	17.2	18.4	19.1
	4H	22.9	24.0	23.5	24.7	25.4	17.2	18.4	17.8	19.0	19.7
	6H	24.7	25.8	25.3	26.5	27.2	17.6	18.8	18.3	19.4	20.1
	8H	25.7	26.8	26.4	27.5	28.2	17.8	18.9	18.4	19.5	20.3
	12H	26.9	28.0	27.6	28.6	29.4	17.9	18.9	18.5	19.6	20.3
4H	2H	18.7	19.9	19.3	20.5	21.2	16.6	17.8	17.2	18.4	19.1
	3H	22.0	23.0	22.6	23.7	24.5	18.4	19.5	19.1	20.1	20.9
	4H	23.9	24.8	24.6	25.5	26.3	19.2	20.2	19.9	20.9	21.7
	6H	26.0	26.8	26.7	27.5	28.4	19.9	20.8	20.6	21.5	22.3
	8H	27.1	27.9	27.8	28.6	29.5	20.2	21.0	20.9	21.7	22.5
	12H	28.4	29.2	29.2	29.9	30.8	20.4	21.1	21.1	21.8	22.7
8H	4H	24.2	25.0	24.9	25.7	26.6	20.7	21.5	21.5	22.3	23.1
	6H	26.6	27.3	27.4	28.1	28.9	21.9	22.6	22.6	23.3	24.2
	8H	28.0	28.6	28.8	29.4	30.3	22.4	23.0	23.2	23.8	24.7
	12H	29.6	30.2	30.4	30.9	31.9	22.8	23.3	23.6	24.1	25.1
12H	4H	24.2	25.0	25.0	25.7	26.6	21.3	22.0	22.0	22.7	23.6
	6H	26.8	27.4	27.5	28.1	29.0	22.7	23.3	23.5	24.1	25.0
	8H	28.3	28.8	29.0	29.6	30.5	23.4	24.0	24.2	24.7	25.7

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, 1123 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 0.4)  
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:0.1195A P:14.26W PF:0.9928 Freq:60.01Hz Lamp Flux:1122.74x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 2700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

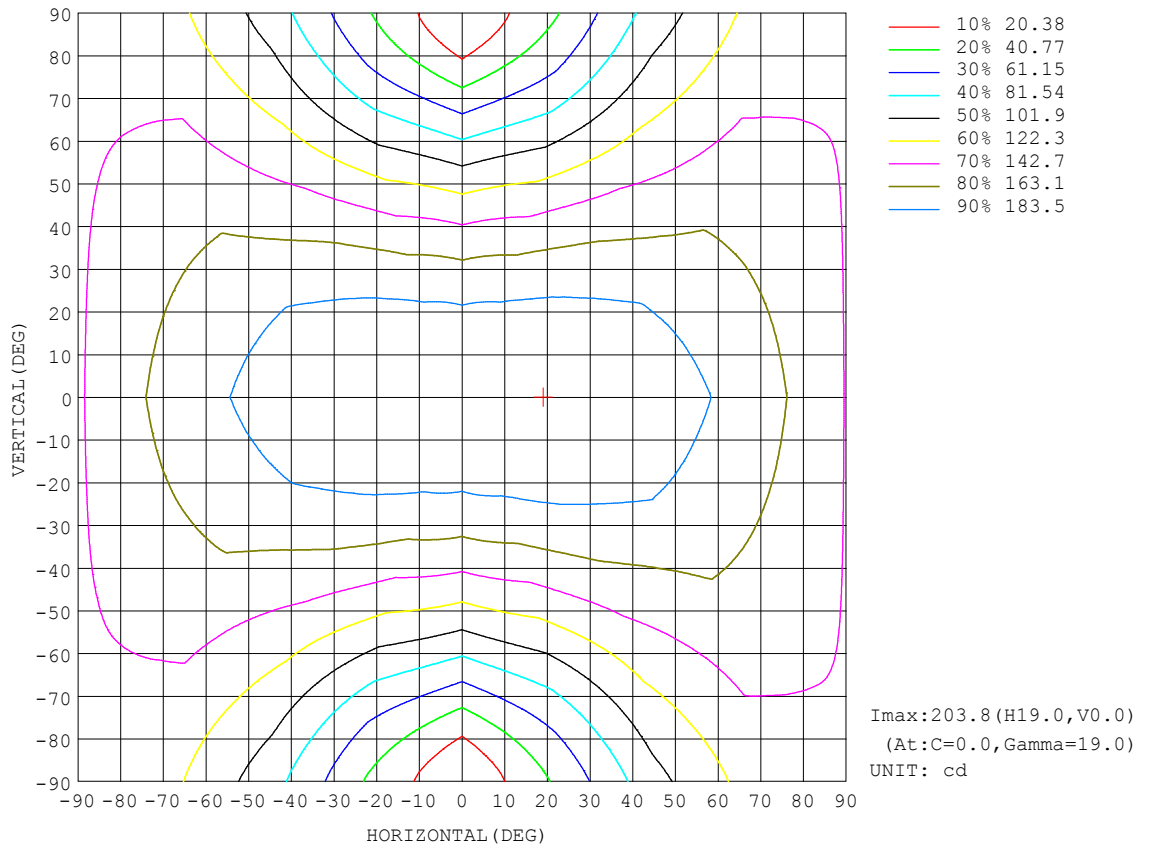
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	45	32	25	44	32	25	42	31	24	18
0.80	54	41	32	52	40	32	49	38	31	23
1.00	62	48	39	60	47	39	56	47	38	28
1.25	68	55	46	66	54	45	61	51	44	33
1.50	74	61	52	71	59	51	66	56	48	37
2.00	81	69	60	78	67	59	72	63	56	43
2.50	86	75	66	82	72	64	75	67	61	47
3.00	90	80	72	86	77	69	78	71	65	51
4.00	94	86	79	90	83	76	82	76	71	55
5.00	98	90	84	93	86	81	85	80	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:0.1195A P:14.26W PF:0.9928 Freq:60.01Hz Lamp Flux:1122.74x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 2700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

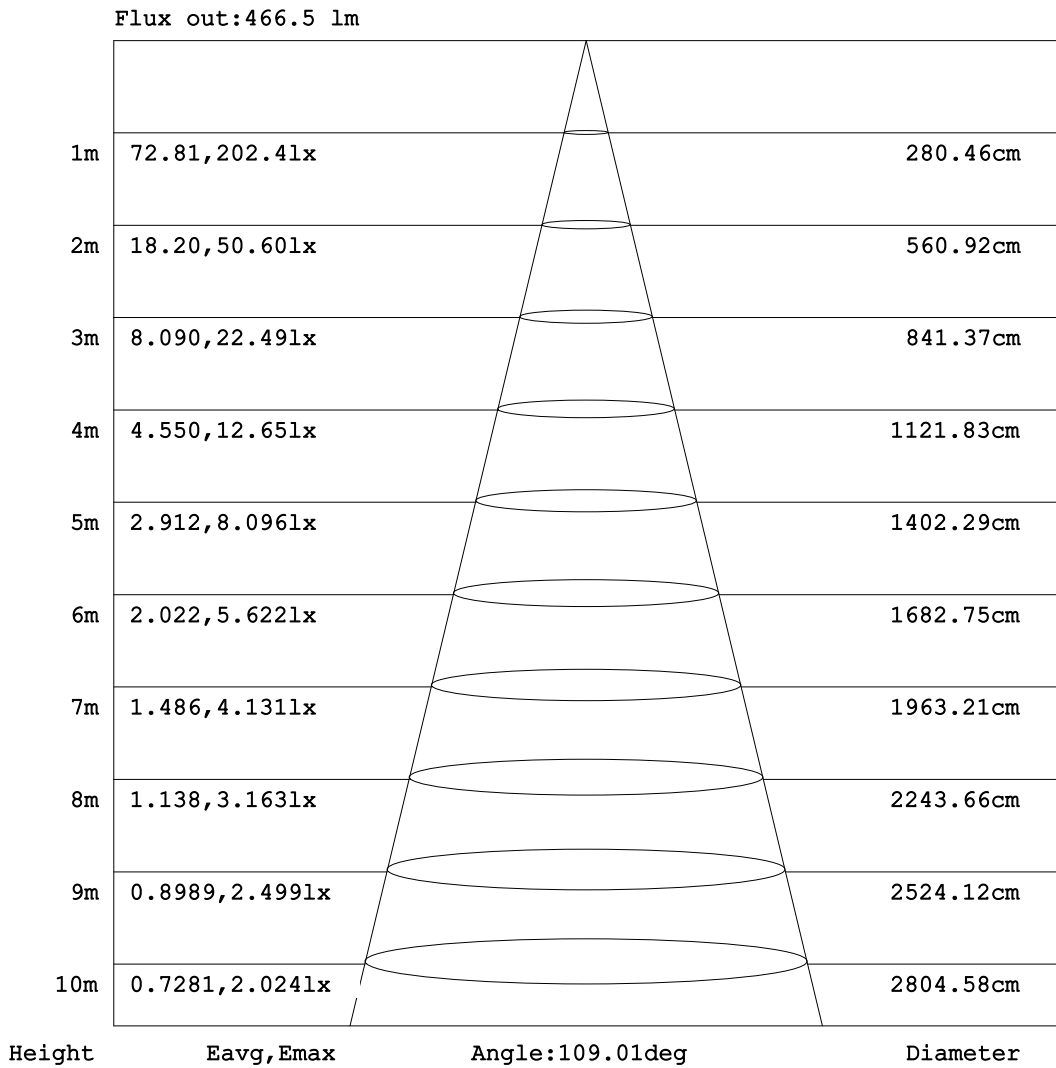


C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.2°C  
Operators:Dano  
Test Date:2022-09-07

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:0.1195A P:14.26W PF:0.9928 Freq:60.01Hz Lamp Flux:1122.74x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 2700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



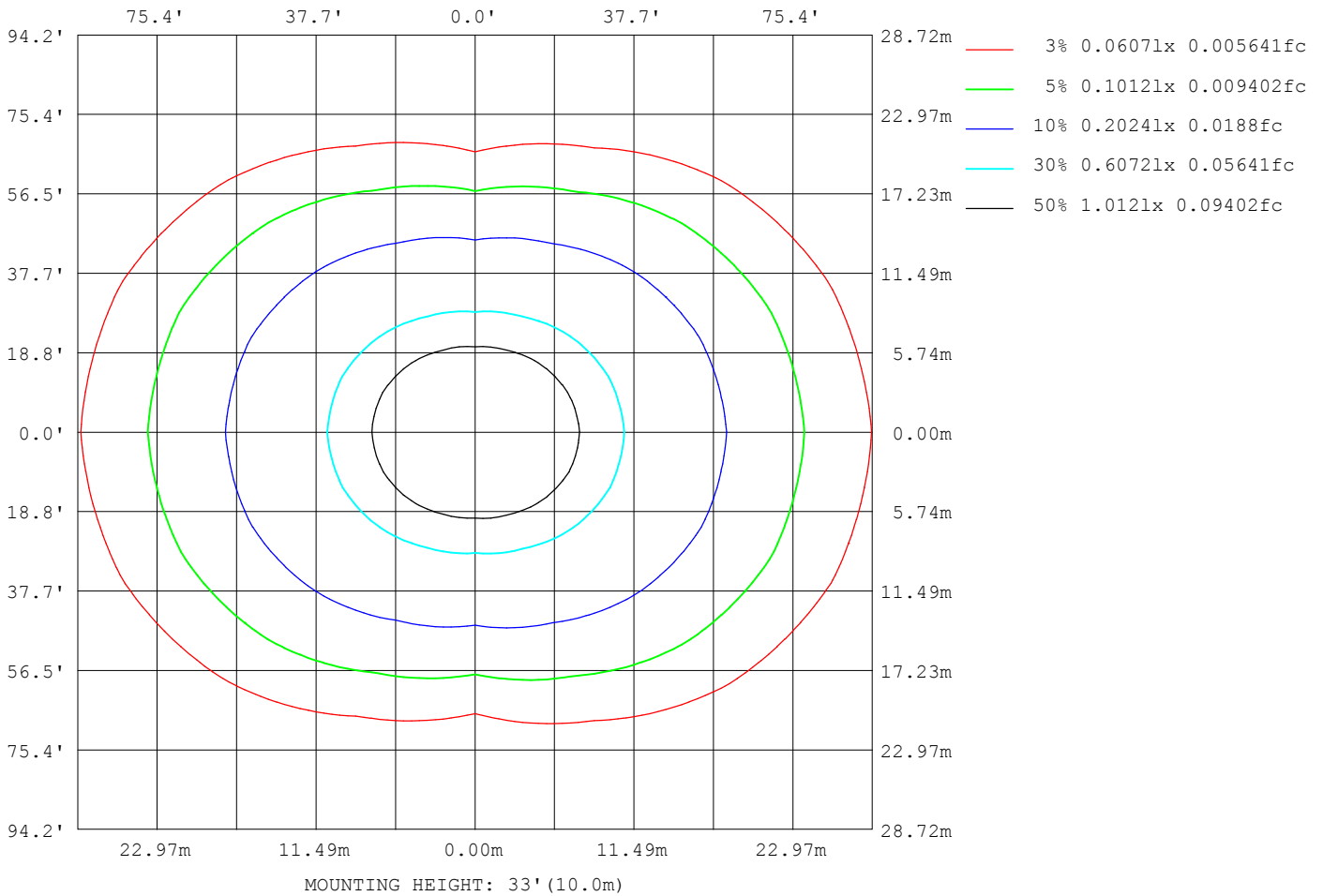
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

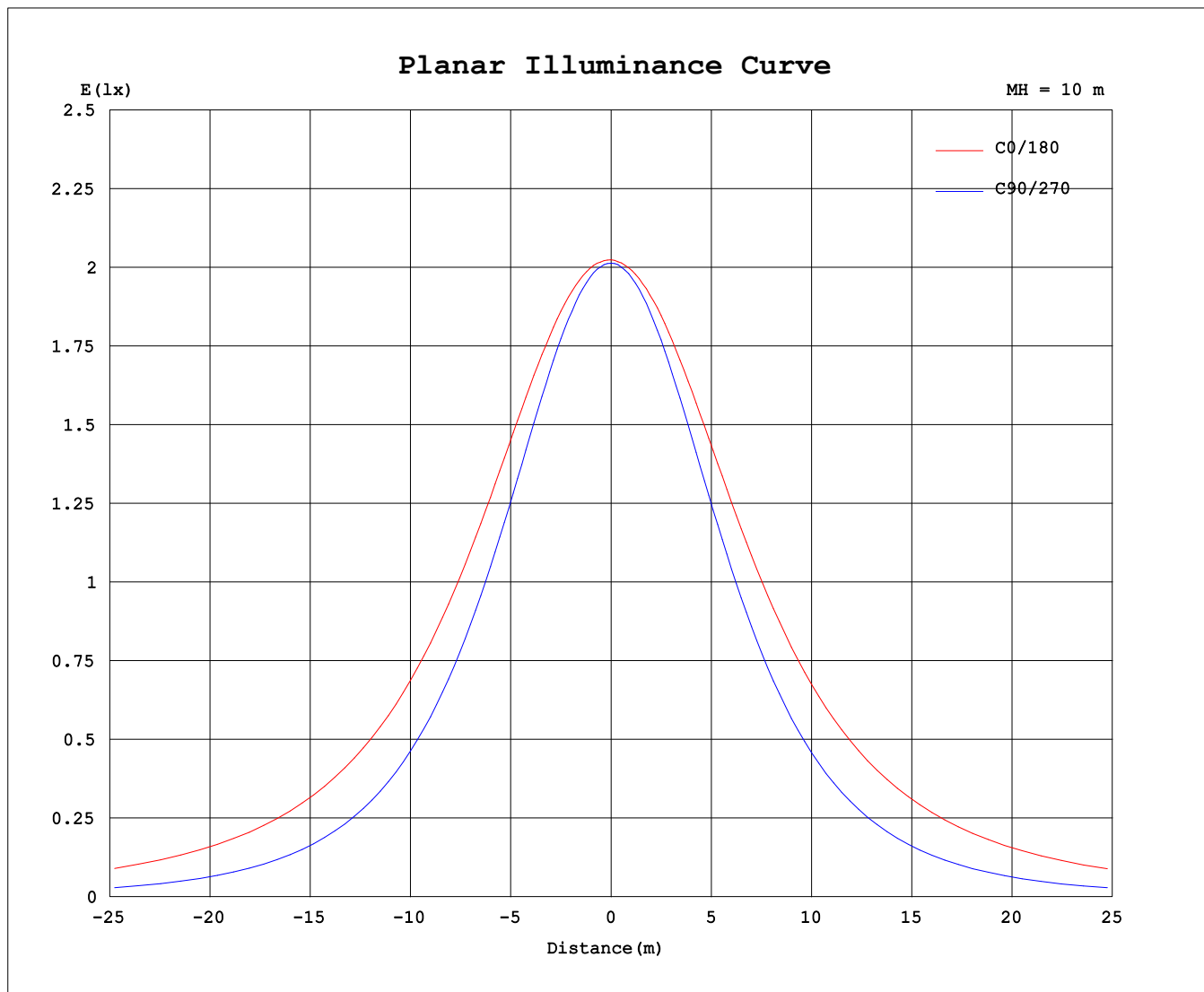
Test:U:120.2V I:0.1195A P:14.26W PF:0.9928 Freq:60.01Hz Lamp Flux:1122.74x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 2700K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



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:0.1195A P:14.26W PF:0.9928 Freq:60.01Hz Lamp Flux:1122.74x1 lm		
NAME: VN25-16-15S-952C5-MVTD-BN 2700K	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	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202			
5	202	202	201	201	201	201	201	201	201	201	201	201	201	201	201	201			
10	203	202	201	199	198	199	200	201	201	201	200	198	198	198	200	202			
15	203	202	199	195	193	195	198	200	201	200	197	194	193	195	198	201			
20	203	201	196	190	187	189	194	199	201	199	194	189	186	189	195	200			
25	202	200	192	183	179	182	190	197	200	197	190	182	178	182	191	199			
30	201	198	187	175	169	174	185	195	199	195	185	173	168	174	185	197			
35	199	195	181	166	158	164	179	192	196	192	179	164	156	164	179	194			
40	197	191	175	155	145	153	172	188	194	188	172	153	144	153	173	190			
45	194	187	168	144	131	142	164	183	190	183	165	142	130	142	165	186			
50	190	182	160	132	116	130	156	178	186	179	157	130	115	130	157	181			
55	186	177	152	119	100	117	147	173	182	173	148	117	99.2	117	148	175			
60	181	172	143	107	83.8	103	138	167	178	168	140	104	82.7	104	140	169			
65	176	166	135	93.8	66.8	90.1	130	161	173	162	132	91.7	65.8	90.4	131	164			
70	170	159	127	81.5	49.8	77.3	121	155	167	156	124	79.5	49.0	77.9	123	157			
75	164	153	119	70.3	33.5	65.6	113	148	161	149	116	68.2	32.7	66.2	115	150			
80	157	145	111	60.3	18.9	55.3	106	141	155	142	108	58.3	18.3	56.0	107	143			
85	149	138	103	51.6	7.53	46.6	97.7	134	147	135	100	49.9	6.86	47.3	99.0	136			
90	141	130	95.3	44.3	1.18	39.6	90.4	126	140	128	93.2	42.9	1.07	40.2	91.3	128			
95	134	122	88.5	38.8	1.36	34.7	84.3	120	133	121	87.1	38.0	1.23	34.9	84.6	120			
100	124	113	80.2	33.1	1.39	29.0	76.5	111	124	113	79.3	32.2	1.29	29.5	76.7	111			
105	114	103	71.8	27.5	1.37	23.4	67.9	101	114	103	70.7	26.5	1.31	24.2	68.4	102			
110	103	92.8	62.9	22.2	1.32	18.3	59.0	90.6	103	92.3	61.7	21.2	1.28	19.2	59.7	91.2			
115	91.0	81.7	54.0	17.1	1.26	13.4	50.2	79.5	91.1	81.1	52.8	16.0	1.23	14.3	51.2	80.4			
120	78.9	70.4	45.2	12.1	1.19	8.67	41.6	68.3	79.1	69.9	44.0	11.0	1.15	9.71	42.7	69.3			
125	66.9	59.3	36.7	7.47	1.11	4.35	33.3	57.2	67.1	58.7	35.5	6.38	1.07	5.30	34.5	58.3			
130	55.0	48.3	27.9	3.25	1.01	1.23	25.2	46.3	55.3	47.9	27.4	2.36	0.99	1.75	26.5	47.5			
135	43.5	37.7	20.0	1.15	0.90	0.90	17.3	35.7	43.7	37.4	19.6	1.09	0.91	1.06	18.6	36.9			
140	32.4	27.4	12.6	0.87	0.76	0.68	10.0	25.6	32.5	27.4	12.5	0.86	0.82	0.83	10.8	26.5			
145	21.7	17.4	5.70	0.67	0.64	0.59	3.32	15.8	21.8	18.2	6.37	0.75	0.72	0.69	2.88	16.2			
150	11.8	8.35	0.59	0.54	0.54	0.49	0.43	6.90	11.7	9.56	1.30	0.63	0.64	0.62	0.64	6.47			
155	2.82	0.73	0.41	0.46	0.47	0.43	0.34	0.28	2.59	1.76	0.43	0.54	0.58	0.57	0.51	0.49			
160	0.26	0.29	0.35	0.40	0.42	0.38	0.31	0.25	0.30	0.30	0.37	0.46	0.52	0.52	0.48	0.40			
165	0.25	0.27	0.33	0.37	0.38	0.35	0.30	0.26	0.29	0.29	0.34	0.40	0.46	0.47	0.43	0.39			
170	0.25	0.28	0.32	0.34	0.36	0.33	0.30	0.26	0.29	0.30	0.32	0.39	0.42	0.44	0.41	0.37			
175	0.27	0.29	0.32	0.34	0.34	0.33	0.31	0.29	0.29	0.29	0.31	0.34	0.38	0.39	0.37	0.34			
180	0.29	0.30	0.31	0.33	0.34	0.33	0.32	0.30	0.29	0.29	0.30	0.32	0.33	0.34	0.33	0.32			

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