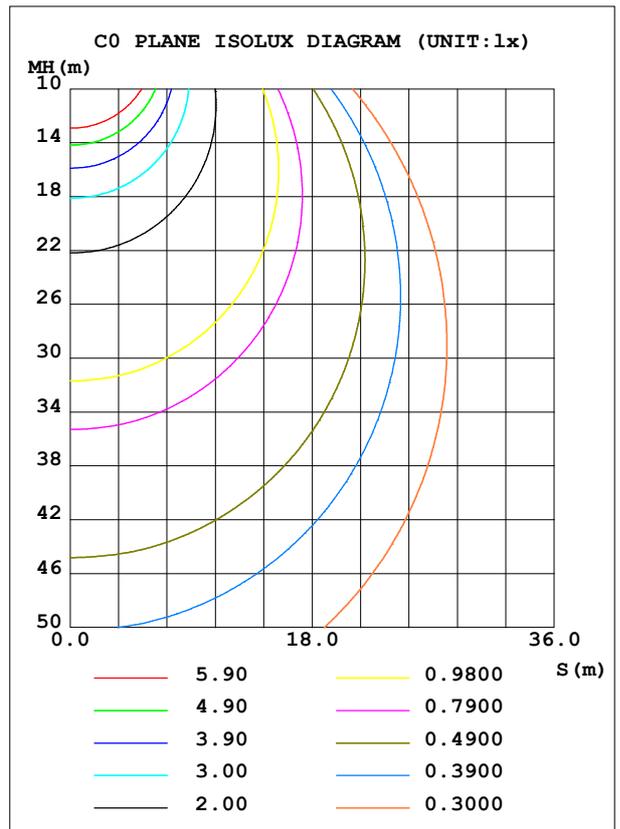
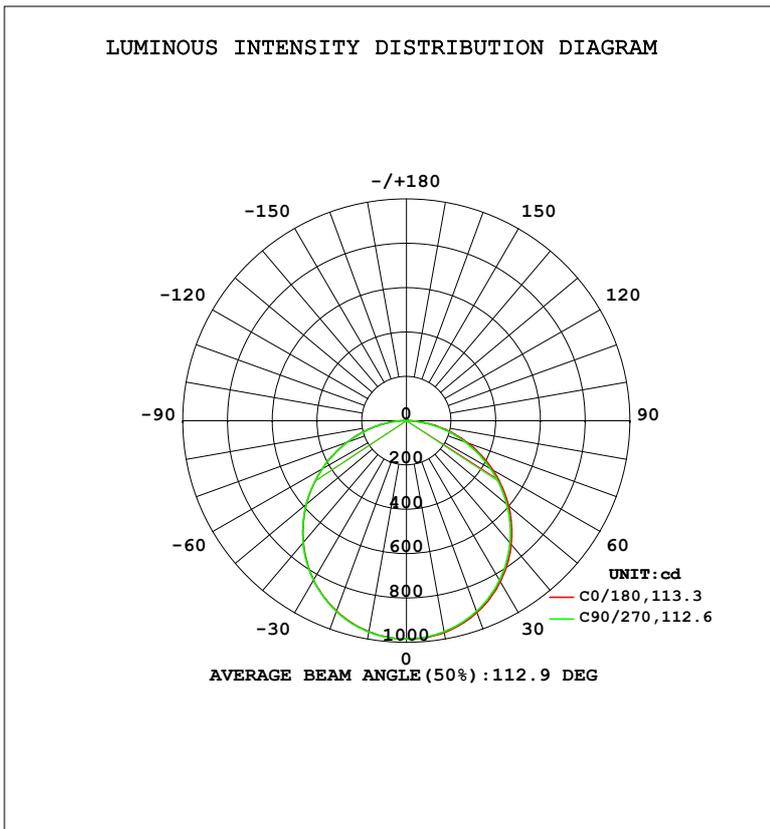


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.3734A P:44.22W PF:0.9871 Freq:60.01Hz Lamp Flux:2866.28x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: φ1000mm	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 64.82 lm/W
MODEL		Imax (cd)	984.3	S/MH (C0/180)	1.25	
NOMINAL POWER (W)	45	LOR (%)	100.0	S/MH (C90/270)	1.26	
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	2866.3	η UP, DN (C0-180)	0.1, 49.8	
NOMINAL FLUX (lm)	2866.28	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 50.0	
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	120	η down (%)	99.8	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.2 °C  
 Operators: Brooke  
 Test Date: 2022-05-25

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity: 55.3%  
 Test Distance: 26.000m [K=1.3807]  
 Remarks:

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	970.8	970.4	966.4	965.6	966.3	967.6	967.6	969.7	0- 10	93.18	93.18	3.25,3.25
20	921.1	920.6	915.2	912.7	913.7	915.0	915.9	921.6	10- 20	267.2	360.4	12.6,12.6
30	839.3	838.4	831.5	828.0	830.1	829.9	831.4	839.4	20- 30	405.0	765.4	26.7,26.7
40	729.1	727.8	720.1	715.6	718.3	717.2	719.2	728.6	30- 40	488.4	1254	43.7,43.7
50	596.3	594.1	585.5	580.9	584.1	583.0	584.9	595.0	40- 50	506.9	1761	61.4,61.4
60	447.0	444.4	434.7	431.0	435.5	434.5	435.3	446.2	50- 60	460.0	2221	77.5,77.5
70	290.9	285.6	277.0	275.6	281.1	280.5	279.2	289.0	60- 70	357.0	2578	89.9,89.9
80	131.7	124.9	121.1	124.7	132.7	131.5	128.3	136.0	70- 80	216.2	2794	97.5,97.5
90	2.510	2.548	2.932	6.159	10.17	13.08	8.846	6.984	80- 90	66.22	2860	99.8,99.8
100	0.1059	0	0.2942	0.2061	0.3936	0.2954	0.4415	0.3905	90-100	0.9663	2861	99.8,99.8
110	0.2052	0.1050	0.2942	0.3156	1.058	0.8605	0.9622	0.8501	100-110	0.4515	2862	99.8,99.8
120	0.3045	0.3375	0.2942	0.5878	1.623	1.666	1.314	1.452	110-120	0.7485	2862	99.9,99.9
130	0.4077	0.8408	0.2942	0.8456	1.861	1.666	1.567	1.765	120-130	0.9347	2863	99.9,99.9
140	0.6169	0.8821	0.4918	1.470	1.861	1.610	1.569	1.667	130-140	0.9344	2864	99.9,99.9
150	1.371	0.8821	0.8424	1.261	1.861	1.709	1.441	1.140	140-150	0.8693	2865	100,100
160	1.564	0.8821	0.8660	1.106	1.861	1.875	1.365	1.800	150-160	0.6953	2866	100,100
170	1.566	0.8821	1.013	1.090	1.861	1.728	1.290	1.569	160-170	0.4129	2866	100,100
180	1.567	0.9802	1.275	1.078	1.567	1.372	1.275	1.373	170-180	0.1345	2866	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1509.1 lm

%lum = 52.7%

%lamp = 52.7%

Conical surface Flux(120deg): 2220.7 lm

%lum = 77.5%

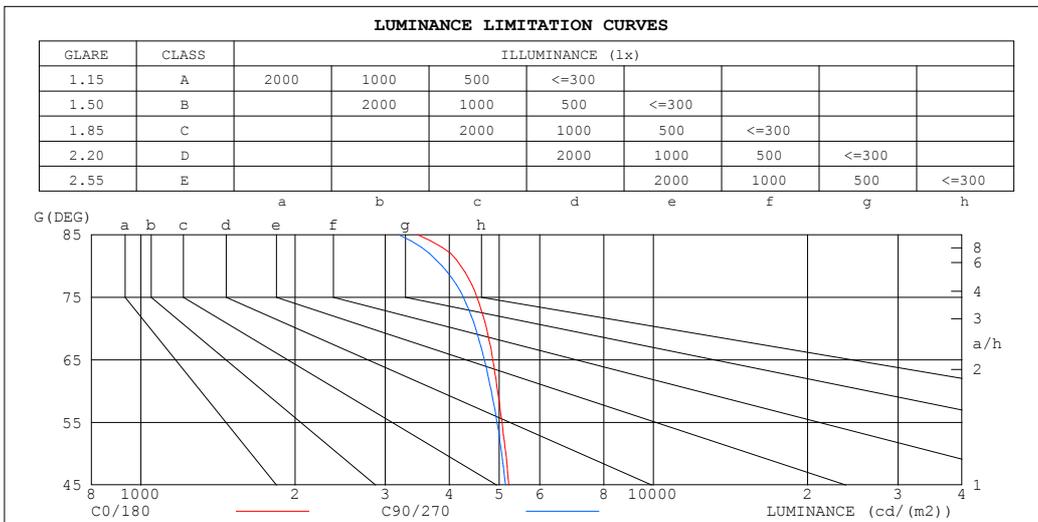
%lamp = 77.5%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.2℃  
Operators:Brooke  
Test Date:2022-05-25

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
Humidity:55.3%  
Test Distance:26.000m [K=1.3807]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.3734A P:44.22W PF:0.9871 Freq:60.01Hz Lamp Flux:2866.28x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: φ1000mm	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3469	3186
80	4214	3875
75	4528	4258
70	4726	4498
65	4860	4682
60	4967	4829
55	5067	4954
50	5154	5059
45	5227	5148

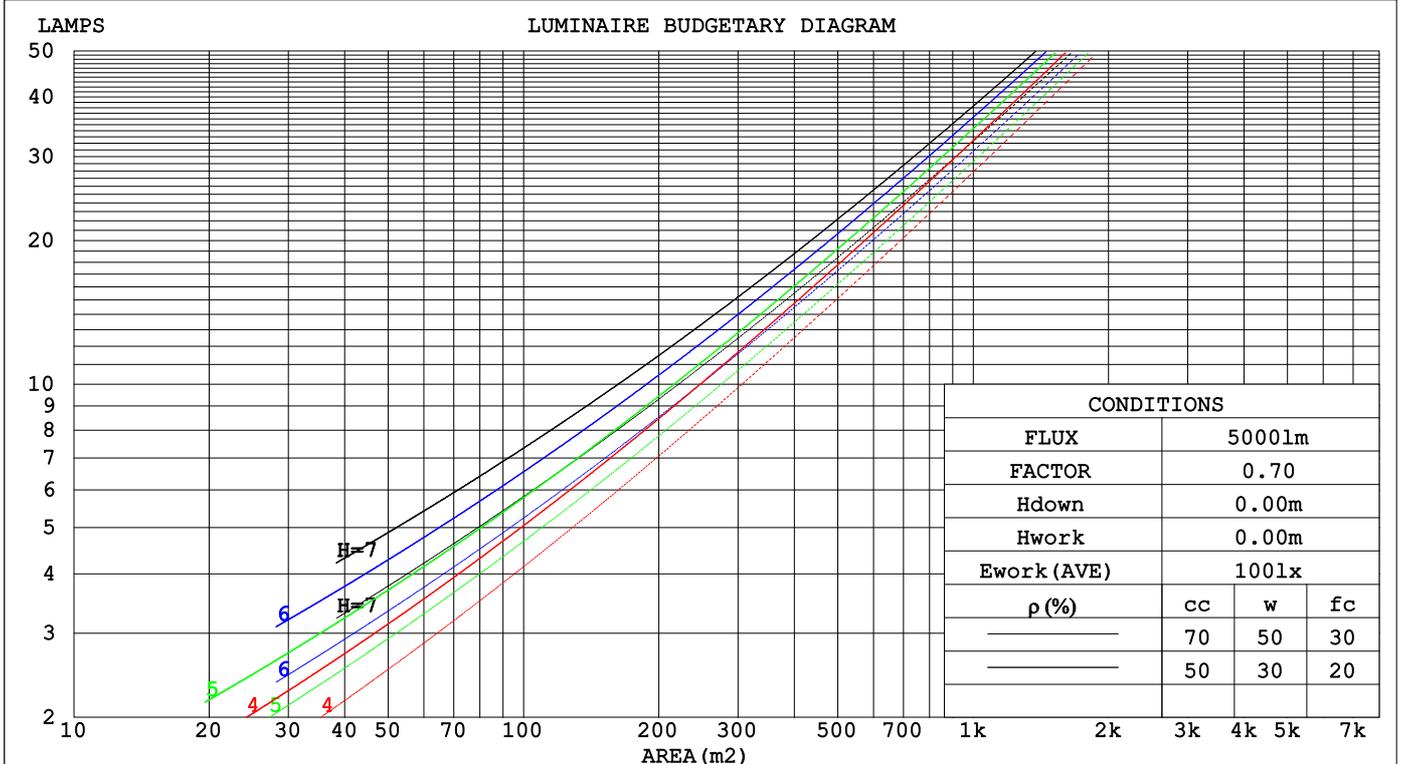
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.2°C  
 Operators: Brooke  
 Test Date: 2022-05-25

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity: 55.3%  
 Test Distance: 26.000m [K=1.3807]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:120.0V I:0.3734A P:44.22W PF:0.9871 Freq:60.01Hz Lamp Flux:2866.28x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: φ1000mm	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	1.02	1.02	1.02	.00
1.0	1.03	.99	.95	1.01	.97	.93	.97	.93	.90	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.76	.73	.78	.74	.71	.69
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.68	.60	.54	.66	.58	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.46	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.41	.33	.28	.40	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.2°C  
 Operators:Brooke  
 Test Date:2022-05-25

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:55.3%  
 Test Distance:26.000m [K=1.3807]  
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.3734A P:44.22W PF:0.9871 Freq:60.01Hz Lamp Flux:2866.28x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: φ1000mm	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	.317	.180	.057	.310	.177	.056	.297	.170	.054	.284	.164	.053	.273	.158	.051	
2.0	.297	.163	.050	.290	.160	.049	.278	.155	.048	.267	.150	.047	.257	.146	.046	
3.0	.273	.146	.044	.268	.143	.043	.257	.139	.042	.248	.136	.042	.239	.132	.041	
4.0	.252	.131	.038	.247	.129	.038	.237	.126	.038	.229	.123	.037	.221	.120	.037	
5.0	.232	.118	.034	.228	.117	.034	.220	.114	.034	.212	.112	.033	.205	.109	.033	
6.0	.215	.108	.031	.211	.107	.031	.204	.104	.030	.197	.102	.030	.191	.100	.030	
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.178	.092	.027	
8.0	.187	.091	.026	.184	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.022	.148	.075	.021	

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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.182	.158	.135	.156	.135	.117	.107	.093	.081	.061	.054	.047	.020	.017	.015	
2.0	.175	.134	.099	.149	.115	.086	.102	.080	.060	.059	.046	.035	.019	.015	.011	
3.0	.167	.116	.075	.143	.100	.065	.098	.070	.046	.057	.041	.027	.018	.013	.009	
4.0	.159	.103	.060	.137	.089	.052	.094	.062	.036	.054	.036	.022	.017	.012	.007	
5.0	.152	.092	.049	.130	.080	.042	.090	.056	.030	.052	.033	.018	.017	.011	.006	
6.0	.144	.084	.041	.124	.073	.035	.086	.051	.025	.050	.030	.015	.016	.010	.005	
7.0	.138	.077	.035	.118	.067	.030	.082	.047	.021	.047	.028	.013	.015	.009	.004	
8.0	.131	.071	.030	.113	.062	.026	.078	.043	.019	.045	.026	.011	.015	.008	.004	
9.0	.125	.066	.027	.108	.058	.023	.075	.040	.017	.043	.024	.010	.014	.008	.003	
10.0	.119	.062	.024	.103	.054	.021	.071	.038	.015	.042	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.2℃  
 Operators:Brooke  
 Test Date:2022-05-25

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:55.3%  
 Test Distance:26.000m [K=1.3807]  
 Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:120.0V I:0.3734A P:44.22W PF:0.9871 Freq:60.01Hz Lamp Flux:2866.28x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: φ1000mm	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	20.1	18.8	20.3	20.5	18.4	20.0	18.7	20.2	20.4
3H	20.2	21.6	20.5	21.8	22.1	20.0	21.4	20.3	21.7	21.9
4H	20.9	22.2	21.2	22.5	22.7	20.7	22.0	21.0	22.3	22.5
6H	21.4	22.6	21.7	22.9	23.2	21.1	22.4	21.5	22.7	23.0
8H	21.5	22.8	21.9	23.0	23.3	21.3	22.5	21.6	22.8	23.1
12H	21.6	22.8	22.0	23.1	23.4	21.4	22.5	21.7	22.8	23.1
4H 2H	19.2	20.5	19.5	20.8	21.0	19.1	20.4	19.4	20.7	21.0
3H	21.0	22.2	21.3	22.5	22.8	20.9	22.0	21.2	22.3	22.6
4H	21.8	22.9	22.2	23.2	23.5	21.6	22.7	22.0	23.0	23.4
6H	22.4	23.4	22.8	23.8	24.1	22.2	23.2	22.6	23.5	23.9
8H	22.7	23.6	23.1	23.9	24.3	22.4	23.3	22.8	23.7	24.1
12H	22.8	23.6	23.2	24.0	24.4	22.5	23.4	23.0	23.8	24.2
8H 4H	22.1	23.0	22.5	23.3	23.7	21.9	22.8	22.3	23.2	23.6
6H	22.9	23.6	23.3	24.0	24.5	22.7	23.4	23.1	23.8	24.3
8H	23.2	23.8	23.6	24.3	24.7	23.0	23.6	23.4	24.1	24.5
12H	23.4	24.0	23.9	24.4	24.9	23.2	23.7	23.6	24.2	24.7
12H 4H	22.1	22.9	22.5	23.3	23.7	21.9	22.8	22.4	23.2	23.6
6H	22.9	23.6	23.4	24.0	24.5	22.7	23.4	23.2	23.8	24.3
8H	23.3	23.9	23.8	24.3	24.8	23.1	23.6	23.6	24.1	24.6

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

CIE Pub.117, 2866 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.7)  
Area: 0.18 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.2℃  
Operators:Brooke  
Test Date:2022-05-25

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
Humidity:55.3%  
Test Distance:26.000m [K=1.3807]  
Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:120.0V I:0.3734A P:44.22W PF:0.9871 Freq:60.01Hz Lamp Flux:2866.28x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: φ1000mm	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

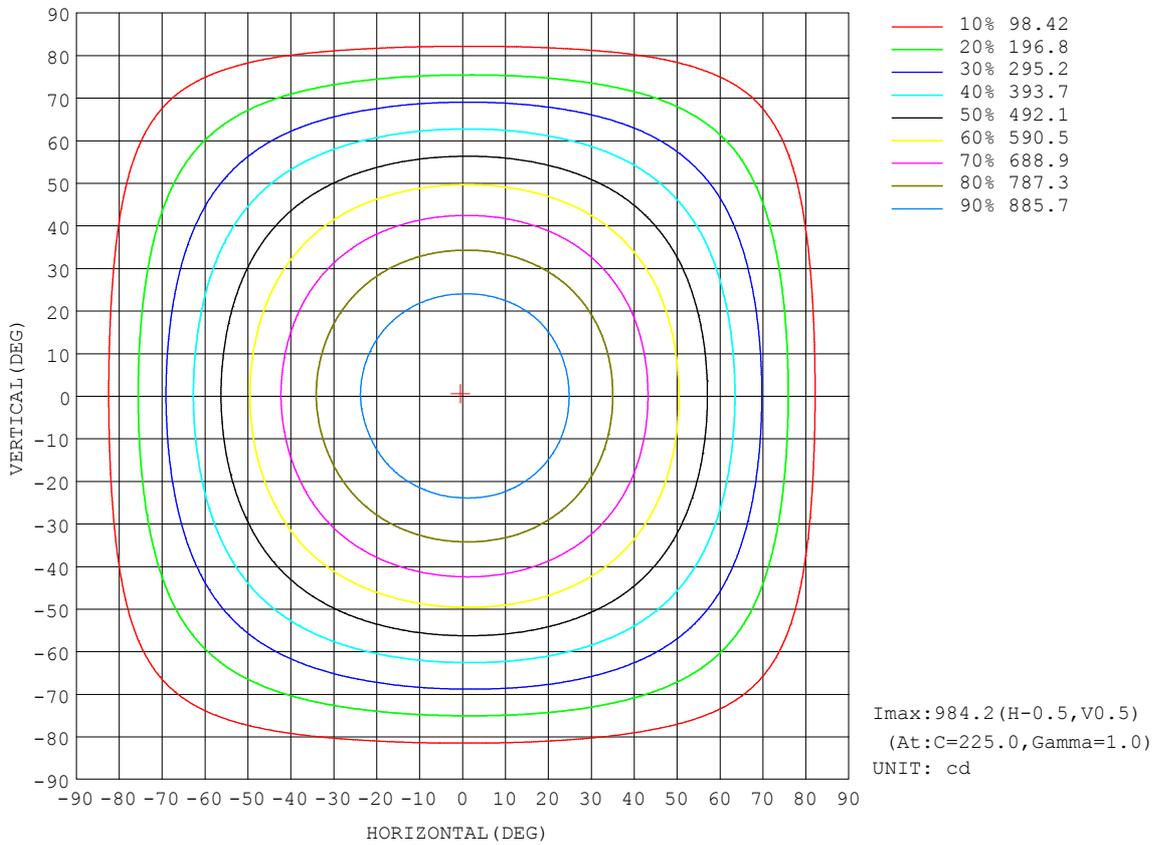
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k (RI) x RCR = 5									
k = 0.60	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	56	72	65	56	49
1.25	82	72	65	81	71	64	78	70	63	56
1.50	88	77	70	86	77	70	83	75	69	61
2.00	94	86	79	93	84	78	89	82	77	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	100	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	94	85
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℃  
 Operators:Brooke  
 Test Date:2022-05-25

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:55.3%  
 Test Distance:26.000m [K=1.3807]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.3734A P:44.22W PF:0.9871 Freq:60.01Hz Lamp Flux:2866.28x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: $\phi$ 1000mm	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

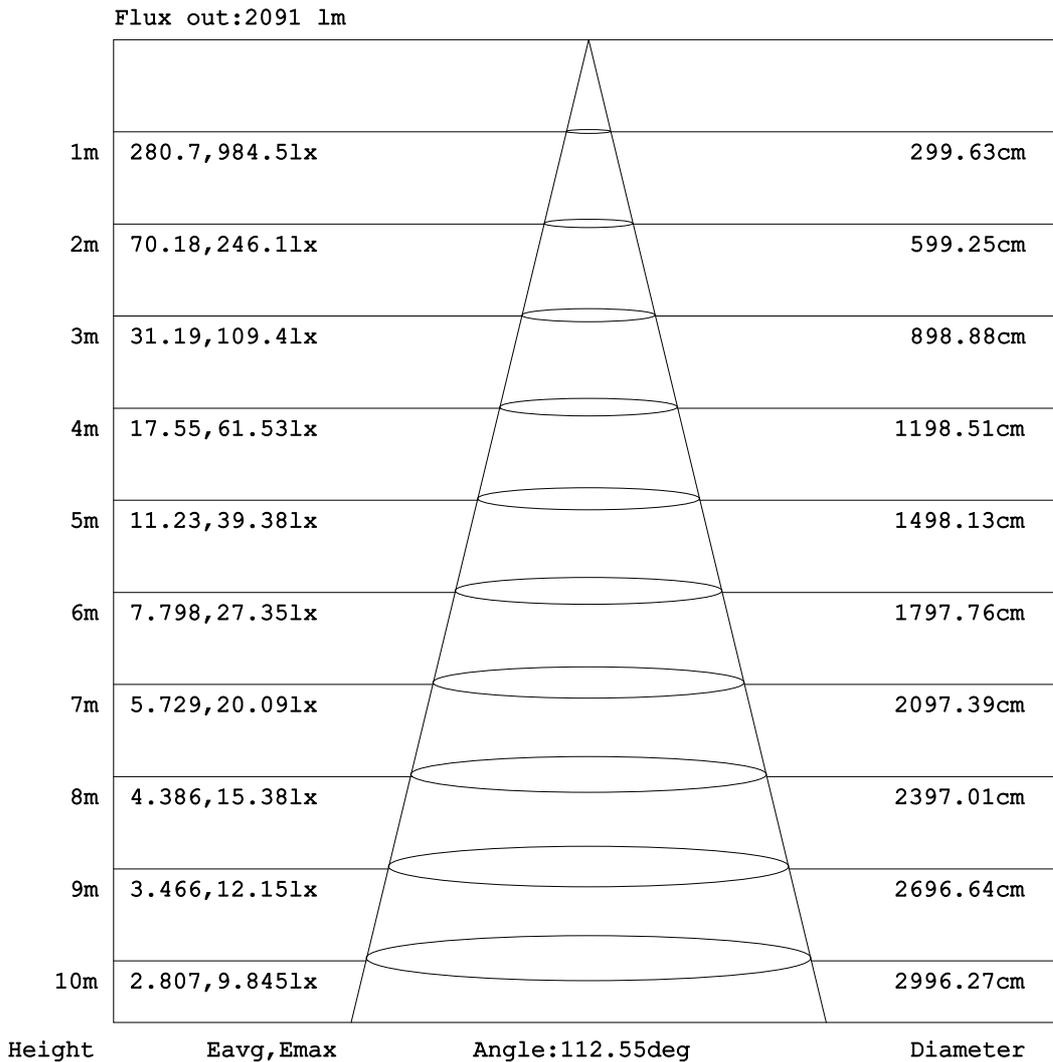


C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.2°C  
 Operators:Brooke  
 Test Date:2022-05-25

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:55.3%  
 Test Distance:26.000m [K=1.3807]  
 Remarks:

**AAI Figure**

Test:U:120.0V I:0.3734A P:44.22W PF:0.9871 Freq:60.01Hz Lamp Flux:2866.28x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: φ1000mm	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



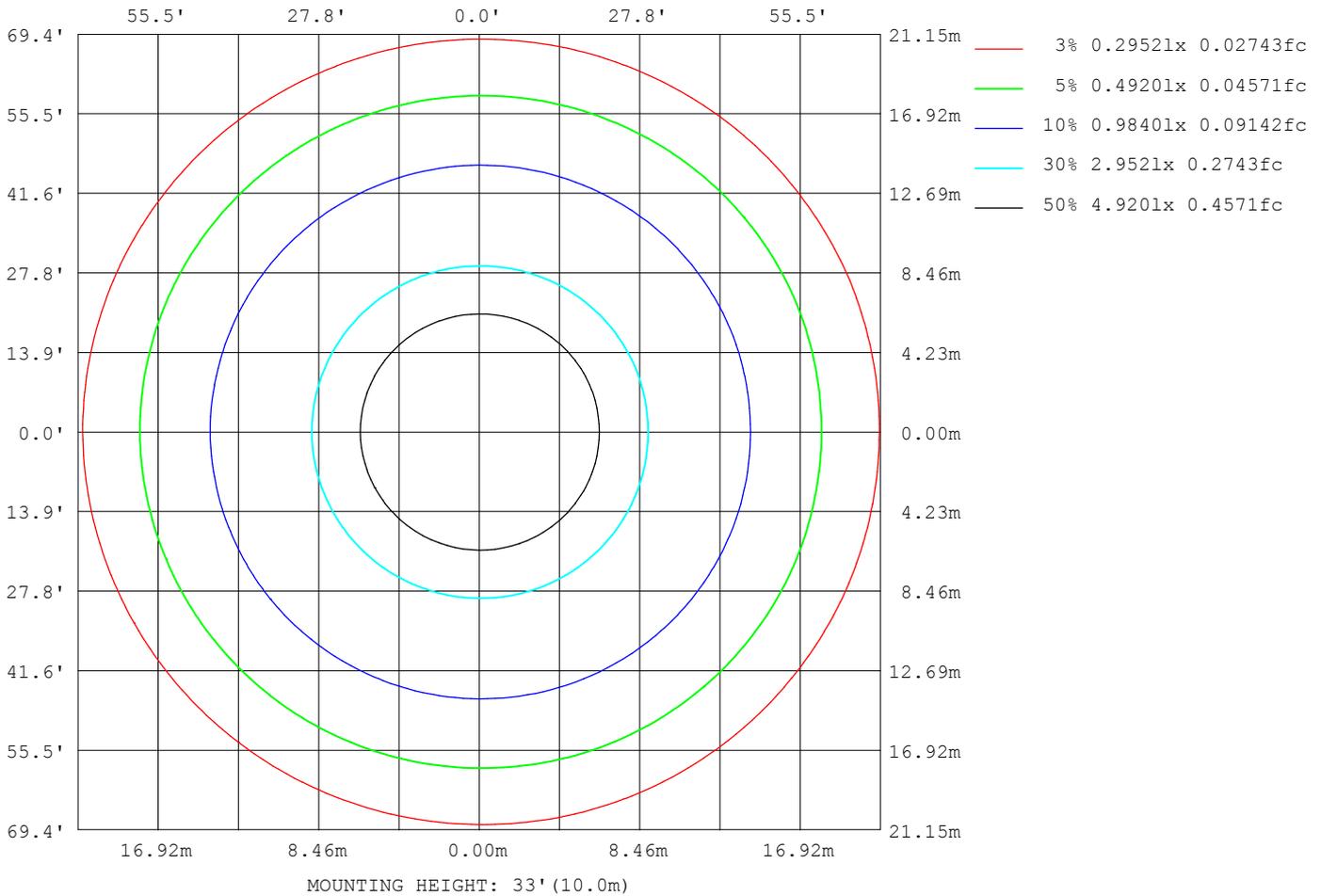
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.2℃  
 Operators:Brooke  
 Test Date:2022-05-25

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:55.3%  
 Test Distance:26.000m [K=1.3807]  
 Remarks:

**ISOLUX DIAGRAM**

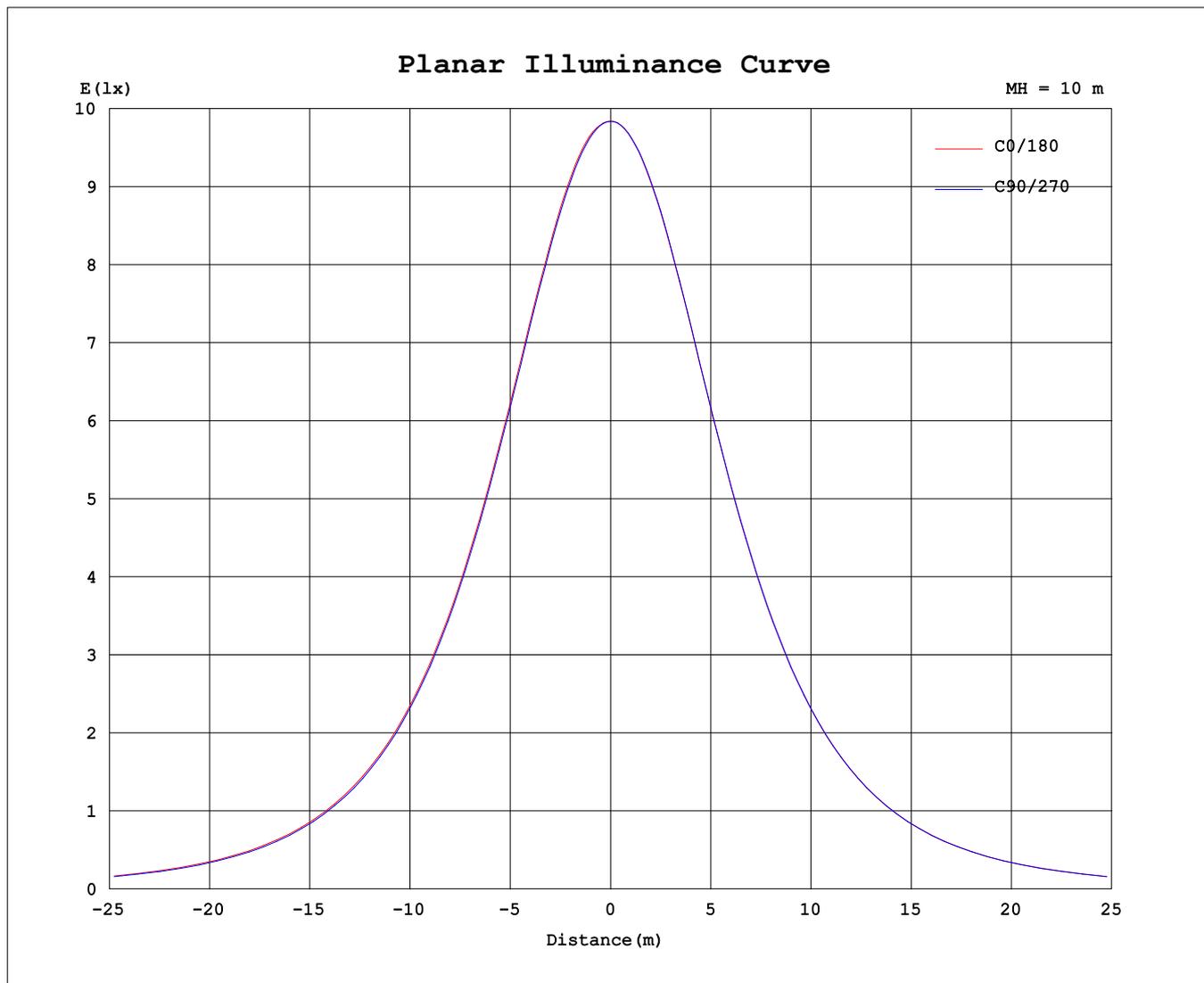
Test:U:120.0V I:0.3734A P:44.22W PF:0.9871 Freq:60.01Hz Lamp Flux:2866.28x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: $\phi$ 1000mm	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.2°C  
 Operators:Brooke  
 Test Date:2022-05-25

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
 Humidity:55.3%  
 Test Distance:26.000m [K=1.3807]  
 Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.2°C  
Operators: Brooke  
Test Date: 2022-05-25

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
Humidity: 55.3%  
Test Distance: 26.000m [K=1.3807]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.3734A P:44.22W PF:0.9871 Freq:60.01Hz Lamp Flux:2866.28x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.: φ1000mm	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	984	984	984	984	984	984	984	984	984	984	984	984	984	984	984	984			
5	981	981	981	980	979	979	979	979	980	980	980	980	980	980	980	981			
10	971	971	970	968	966	966	966	965	966	966	968	968	968	967	970	971			
15	950	950	950	948	945	944	943	943	944	945	946	946	946	948	950	951			
20	921	922	921	919	915	913	913	912	914	914	915	915	916	918	922	922			
25	884	884	883	881	877	875	874	873	876	876	876	876	877	881	884	885			
30	839	840	838	836	832	829	828	827	830	830	830	830	831	835	839	841			
35	787	788	786	784	779	776	775	774	777	777	777	776	779	782	787	789			
40	729	729	728	725	720	716	716	715	718	717	717	717	719	724	729	731			
45	665	666	664	660	655	651	650	650	653	653	652	652	654	659	664	667			
50	596	597	594	590	585	582	581	581	584	584	583	583	585	589	595	598			
55	523	523	521	517	512	508	508	507	511	511	510	509	512	516	522	525			
60	447	447	444	440	435	431	431	432	435	435	434	433	435	440	446	450			
65	370	369	366	362	356	353	354	355	358	358	358	356	357	362	368	372			
70	291	289	286	282	277	275	276	278	281	281	280	279	279	283	289	293			
75	211	209	205	202	198	197	199	201	205	205	204	202	202	206	211	215			
80	132	128	125	123	121	121	125	128	133	133	131	128	128	131	136	137			
85	54.4	51.0	50.4	50.7	50.0	51.5	55.2	59.1	63.9	65.6	65.2	61.4	58.3	60.6	62.3	60.5			
90	2.51	1.27	2.55	3.43	2.93	3.42	6.16	8.24	10.2	11.6	13.1	12.4	8.85	6.26	6.98	5.85			
95	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.10	0.00	0.10	0.10	0.20	0.20	0.10	0.10			
100	0.11	0.21	0.00	0.11	0.29	0.20	0.21	0.11	0.39	0.41	0.30	0.49	0.44	0.36	0.39	0.42			
105	0.16	0.27	0.00	0.15	0.29	0.10	0.26	0.18	0.78	0.72	0.68	0.75	0.69	0.69	0.59	0.72			
110	0.21	0.34	0.11	0.20	0.29	0.10	0.32	0.24	1.06	0.98	0.86	1.02	0.96	0.91	0.85	0.86			
115	0.25	0.40	0.21	0.24	0.29	0.20	0.37	0.39	1.37	1.37	1.17	1.17	1.17	1.08	1.18	1.22			
120	0.30	0.46	0.34	0.29	0.29	0.39	0.59	0.43	1.62	1.57	1.67	1.18	1.31	1.38	1.45	1.47			
125	0.35	0.65	0.70	0.34	0.29	0.49	0.66	0.63	1.90	1.59	1.67	1.18	1.56	1.41	1.76	1.78			
130	0.41	1.00	0.84	0.40	0.29	0.58	0.85	0.77	1.86	1.61	1.67	1.18	1.57	1.43	1.77	1.77			
135	0.47	1.27	0.88	0.45	0.44	0.67	1.23	0.87	1.86	1.63	1.65	1.41	1.57	1.46	1.77	1.75			
140	0.62	1.49	0.88	0.54	0.49	0.76	1.47	0.94	1.86	1.65	1.61	1.51	1.57	1.57	1.67	1.72			
145	0.88	1.54	0.88	1.27	0.78	1.76	1.57	1.27	1.86	1.65	1.57	1.61	1.47	1.60	1.08	1.69			
150	1.37	1.47	0.88	1.57	0.84	1.76	1.26	1.27	1.86	1.63	1.71	1.70	1.44	1.63	1.14	1.72			
155	1.56	1.46	0.88	1.61	0.85	1.96	1.11	1.27	1.86	1.62	1.94	1.80	1.40	1.66	1.67	1.77			
160	1.56	1.43	0.88	1.52	0.87	1.76	1.11	1.23	1.86	1.60	1.87	1.90	1.37	1.69	1.80	1.70			
165	1.56	1.41	0.88	1.52	0.88	1.18	1.10	1.12	1.86	1.58	1.80	1.80	1.33	1.73	1.68	1.64			
170	1.57	1.38	0.88	1.57	1.01	1.16	1.09	1.47	1.86	1.57	1.73	1.66	1.29	1.76	1.57	1.66			
175	1.57	1.37	0.98	1.31	1.23	1.25	1.08	1.61	1.76	1.57	1.67	1.67	1.28	1.18	1.43	1.08			
180	1.57	1.37	0.98	1.27	1.27	1.67	1.08	1.47	1.57	1.57	1.37	0.98	1.27	1.27	1.37	1.08			

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 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.2℃  
 Operators:Brooke  
 Test Date:2022-05-25

γ Range: 0 - 180DEG  
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