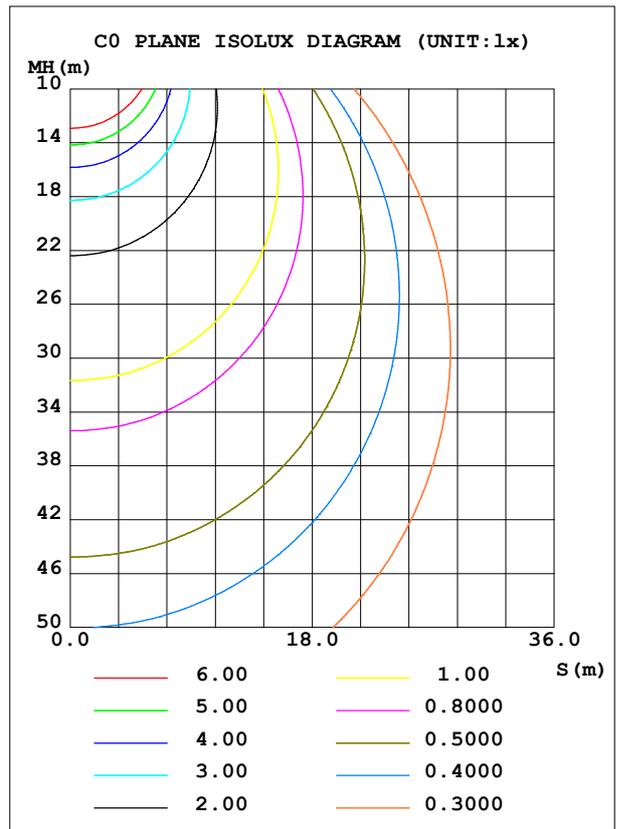
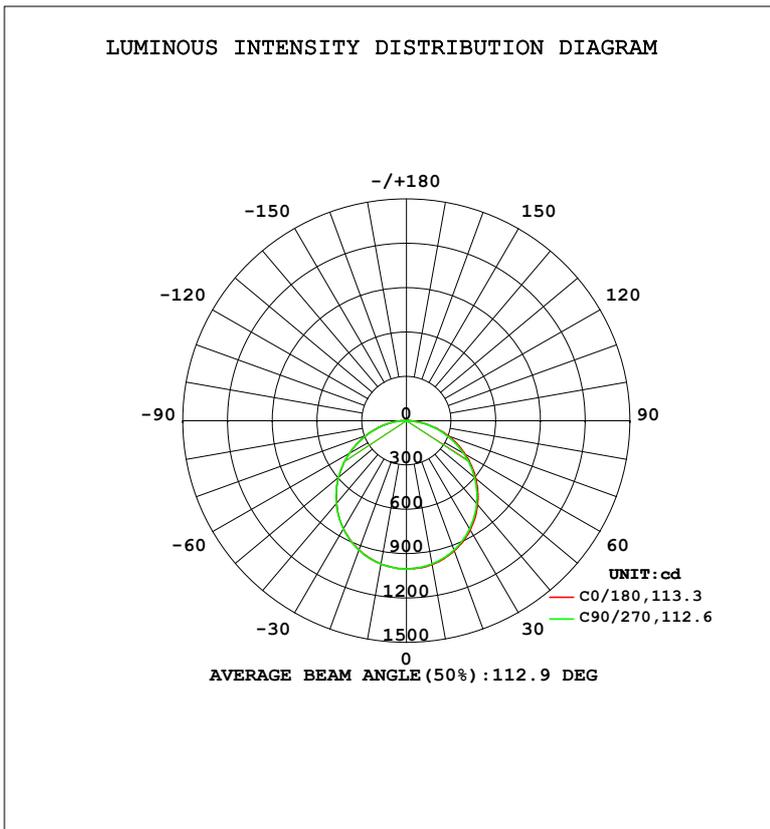


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.3756A P:44.49W PF:0.9872 Freq:60.01Hz Lamp Flux:2918.87x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.: $\phi$ 1000mm	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 65.61 lm/W
MODEL		I <sub>max</sub> (cd)	1002	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)	2918.9	$\eta$ UP, DN (C0-180)	0.1, 49.8	
NOMINAL FLUX (lm)	2918.87	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.1, 50.0	
LAMPS INSIDE	1	$\eta$ up (%)	0.2	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	120	$\eta$ 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

$\gamma$  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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	988.6	988.2	984.2	983.4	984.1	985.4	985.4	987.5	0- 10	94.89	94.89	3.25,3.25
20	938.0	937.5	931.9	929.4	930.5	931.8	932.7	938.6	10- 20	272.1	367.0	12.6,12.6
30	854.7	853.8	846.8	843.2	845.4	845.1	846.6	854.8	20- 30	412.5	779.4	26.7,26.7
40	742.5	741.1	733.3	728.7	731.4	730.3	732.4	742.0	30- 40	497.4	1277	43.7,43.7
50	607.2	605.0	596.2	591.6	594.9	593.7	595.7	605.9	40- 50	516.2	1793	61.4,61.4
60	455.2	452.5	442.6	438.9	443.5	442.5	443.2	454.4	50- 60	468.4	2261	77.5,77.5
70	296.2	290.9	282.0	280.7	286.2	285.6	284.3	294.3	60- 70	363.6	2625	89.9,89.9
80	134.1	127.2	123.4	127.0	135.1	133.9	130.6	138.5	70- 80	220.2	2845	97.5,97.5
90	2.556	2.595	2.985	6.272	10.36	13.32	9.008	7.112	80- 90	67.43	2913	99.8,99.8
100	0.1079	0	0.2996	0.2099	0.4008	0.3008	0.4496	0.3976	90-100	0.9840	2914	99.8,99.8
110	0.2089	0.1069	0.2996	0.3213	1.077	0.8763	0.9799	0.8657	100-110	0.4598	2914	99.8,99.8
120	0.3100	0.3437	0.2996	0.5985	1.653	1.697	1.338	1.478	110-120	0.7622	2915	99.9,99.9
130	0.4152	0.8563	0.2996	0.8611	1.895	1.697	1.595	1.797	120-130	0.9518	2916	99.9,99.9
140	0.6282	0.8983	0.5008	1.497	1.895	1.639	1.597	1.697	130-140	0.9516	2917	99.9,99.9
150	1.396	0.8983	0.8578	1.284	1.895	1.740	1.467	1.161	140-150	0.8853	2918	100,100
160	1.592	0.8983	0.8819	1.126	1.895	1.909	1.390	1.833	150-160	0.7080	2918	100,100
170	1.595	0.8983	1.032	1.110	1.895	1.759	1.314	1.598	160-170	0.4205	2919	100,100
180	1.596	0.9981	1.298	1.098	1.596	1.397	1.298	1.398	170-180	0.1370	2919	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1536.8 lm

%lum = 52.7%

%lamp = 52.7%

Conical surface Flux(120deg): 2261.5 lm

%lum = 77.5%

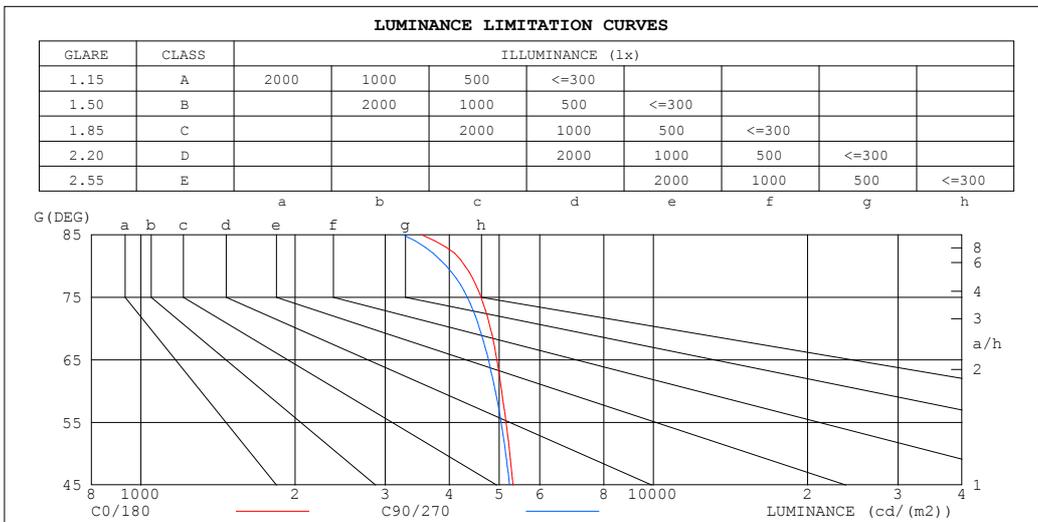
%lamp = 77.5%

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

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:

**LUMINANCE LIMITATION CURVES**

Test:U:120.0V I:0.3756A P:44.49W PF:0.9872 Freq:60.01Hz Lamp Flux:2918.87x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 4000K	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	3532	3244
80	4292	3947
75	4611	4336
70	4812	4581
65	4949	4768
60	5058	4917
55	5160	5045
50	5248	5152
45	5323	5243

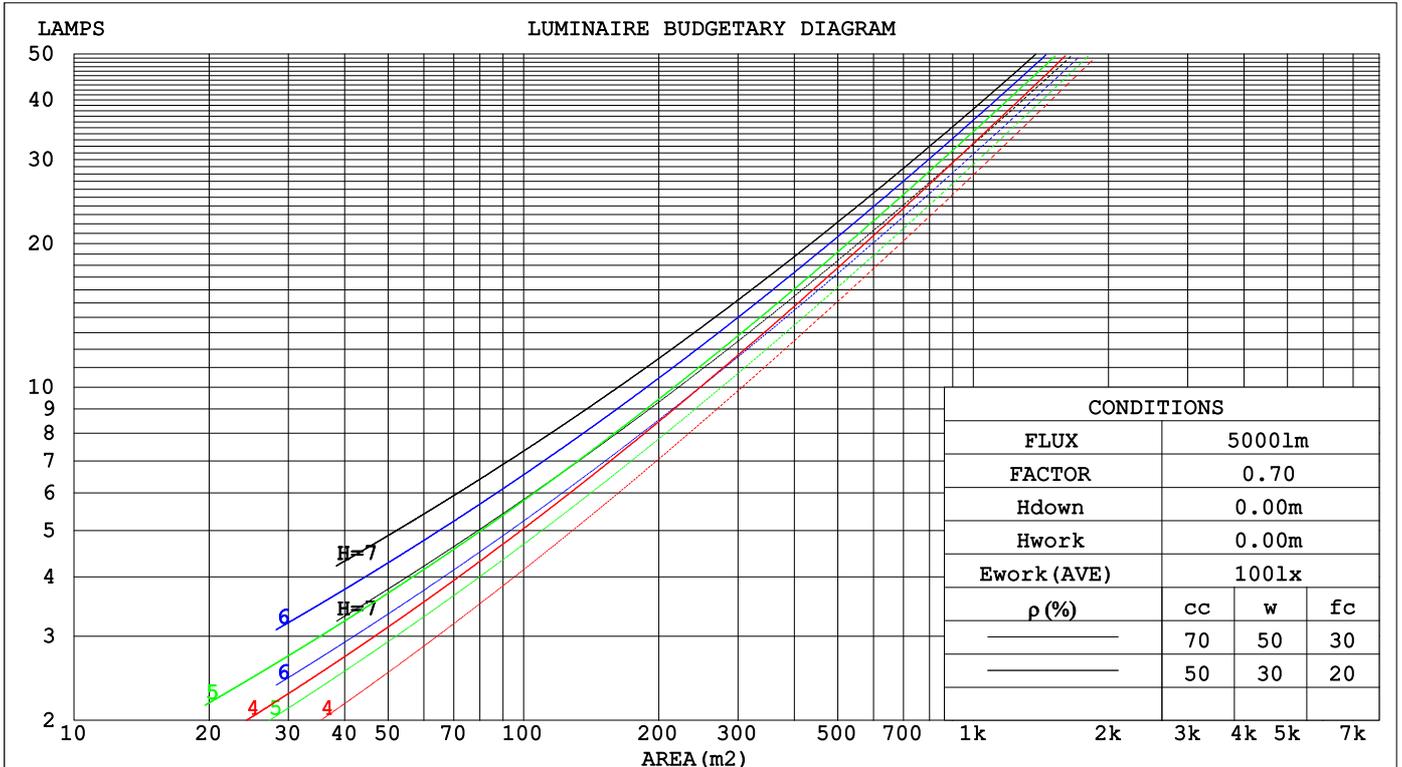
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.2°C  
 Operators: Brooke  
 Test Date: 2022-05-25

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:0.3756A P:44.49W PF:0.9872 Freq:60.01Hz Lamp Flux:2918.87x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 4000K	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:0.3756A P:44.49W PF:0.9872 Freq:60.01Hz Lamp Flux:2918.87x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 4000K	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:0.3756A P:44.49W PF:0.9872 Freq:60.01Hz Lamp Flux:2918.87x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 4000K	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	18.9	20.4	20.6	18.5	20.0	18.8	20.2	20.5
3H	20.2	21.7	20.5	21.9	22.1	20.1	21.5	20.4	21.7	22.0
4H	20.9	22.3	21.2	22.5	22.8	20.7	22.1	21.0	22.3	22.6
6H	21.4	22.7	21.8	23.0	23.3	21.2	22.5	21.5	22.7	23.0
8H	21.6	22.8	21.9	23.1	23.4	21.3	22.6	21.7	22.9	23.1
12H	21.7	22.9	22.0	23.2	23.5	21.4	22.6	21.8	22.9	23.2
4H 2H	19.2	20.6	19.6	20.8	21.1	19.2	20.5	19.5	20.8	21.0
3H	21.0	22.2	21.4	22.5	22.8	20.9	22.1	21.3	22.4	22.7
4H	21.9	22.9	22.2	23.3	23.6	21.7	22.8	22.1	23.1	23.4
6H	22.5	23.5	22.9	23.8	24.2	22.3	23.3	22.7	23.6	24.0
8H	22.7	23.6	23.1	24.0	24.4	22.5	23.4	22.9	23.8	24.1
12H	22.9	23.7	23.3	24.1	24.5	22.6	23.4	23.0	23.8	24.2
8H 4H	22.1	23.0	22.6	23.4	23.8	22.0	22.9	22.4	23.3	23.7
6H	22.9	23.7	23.4	24.1	24.5	22.7	23.5	23.2	23.9	24.3
8H	23.2	23.9	23.7	24.3	24.8	23.0	23.7	23.5	24.1	24.6
12H	23.5	24.0	23.9	24.5	25.0	23.2	23.8	23.7	24.3	24.7
12H 4H	22.2	23.0	22.6	23.4	23.8	22.0	22.8	22.4	23.2	23.6
6H	23.0	23.7	23.5	24.1	24.5	22.8	23.5	23.3	23.9	24.4
8H	23.3	23.9	23.8	24.4	24.9	23.1	23.7	23.6	24.2	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, 2919 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:0.3756A P:44.49W PF:0.9872 Freq:60.01Hz Lamp Flux:2918.87x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.: φ1000mm	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

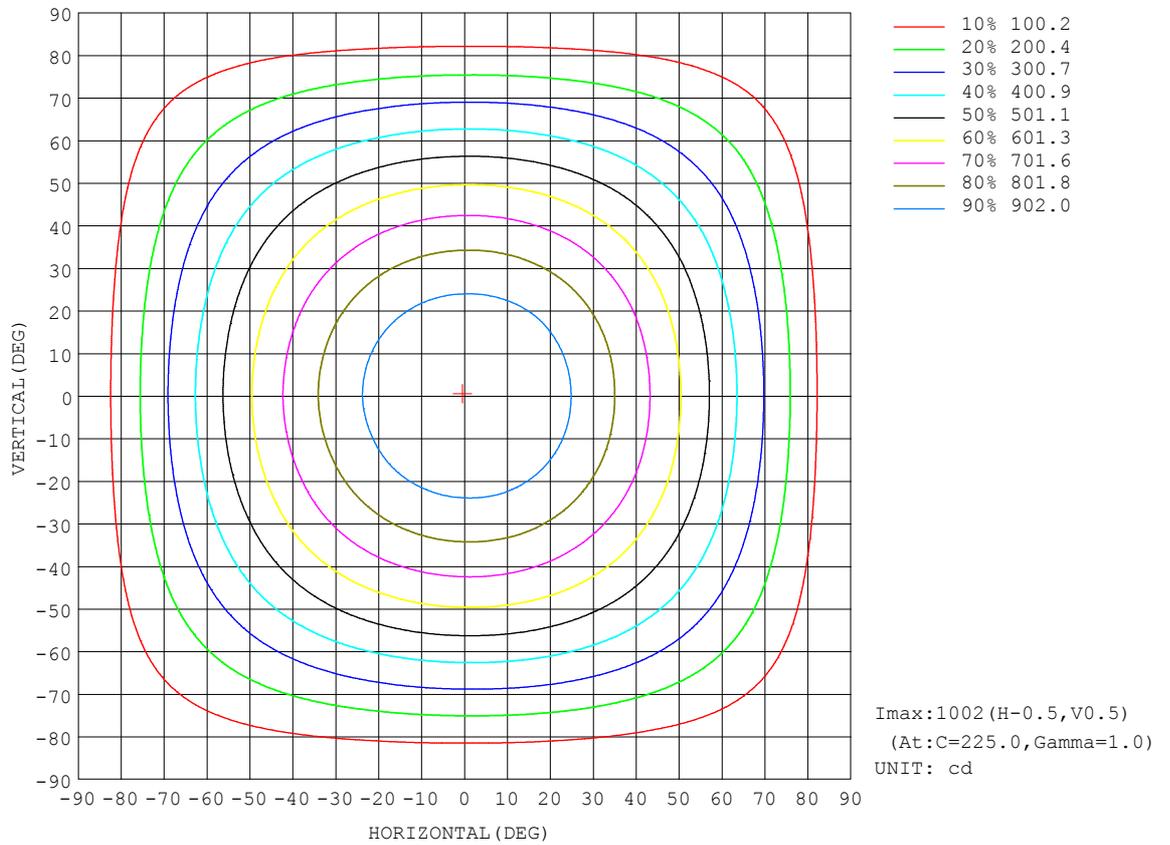
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k (RI) x RCR = 5									
k = 0.60	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	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:0.3756A P:44.49W PF:0.9872 Freq:60.01Hz Lamp Flux:2918.87x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.: $\phi$ 1000mm	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

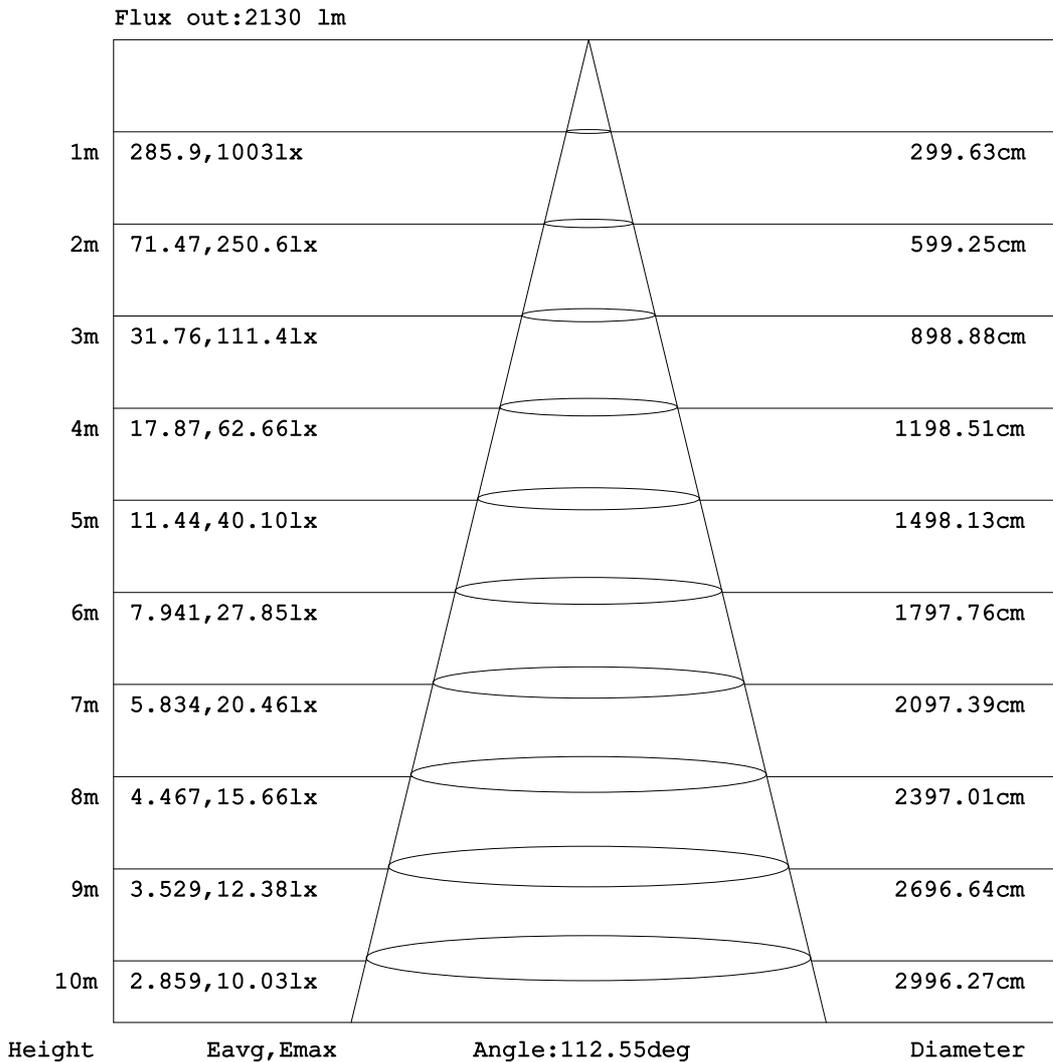


C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.2°C  
 Operators:Brooke  
 Test Date:2022-05-25

$\gamma$  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:0.3756A P:44.49W PF:0.9872 Freq:60.01Hz Lamp Flux:2918.87x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.: φ1000mm	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



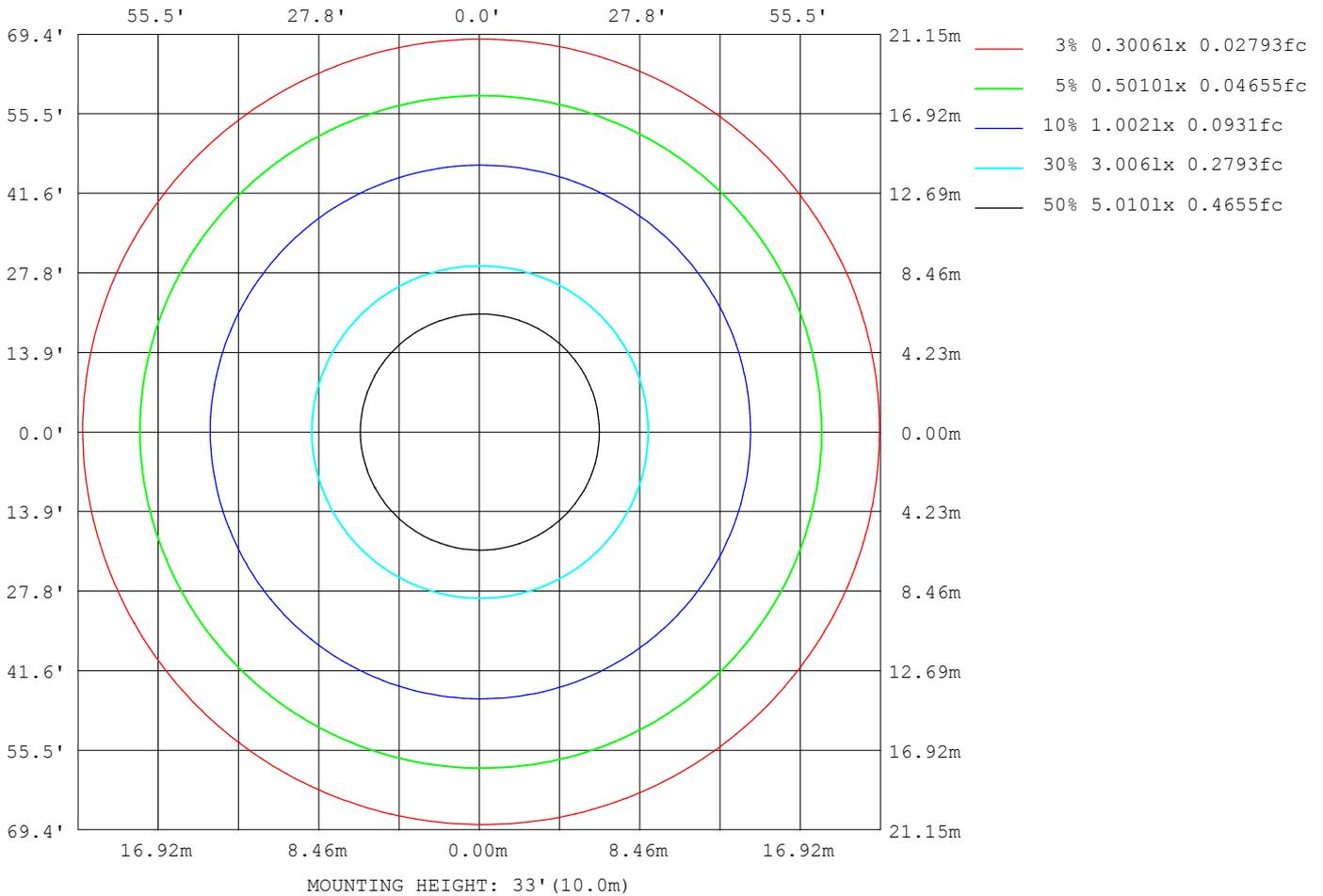
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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**

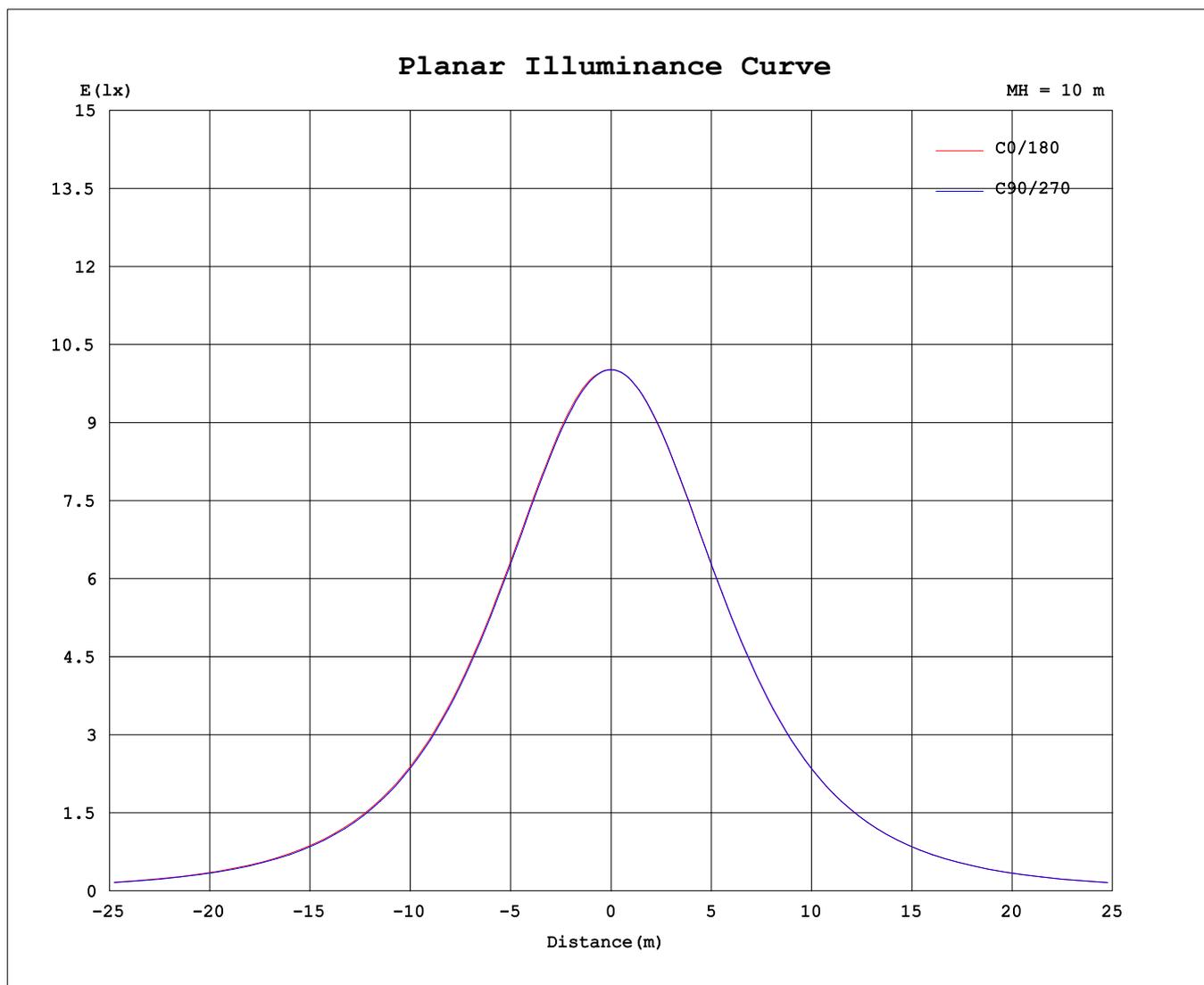
Test:U:120.0V I:0.3756A P:44.49W PF:0.9872 Freq:60.01Hz Lamp Flux:2918.87x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.: $\phi$ 1000mm	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



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:0.3756A P:44.49W PF:0.9872 Freq:60.01Hz Lamp Flux:2918.87x1 lm		
NAME: CL28P-30-45S-952C5-MVTD-BK 4000K	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	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002			
5	999	999	999	998	997	997	997	997	998	998	998	998	998	998	998	999			
10	989	989	988	986	984	984	983	983	984	984	985	986	985	985	988	989			
15	967	967	967	965	962	961	960	960	962	962	963	963	964	965	967	969			
20	938	938	937	935	932	930	929	929	931	931	932	932	933	935	939	939			
25	901	901	900	897	893	891	890	889	892	892	892	892	893	897	901	901			
30	855	855	854	851	847	844	843	842	845	845	845	845	847	850	855	856			
35	802	802	801	798	794	790	789	789	792	791	791	791	793	797	802	804			
40	742	742	741	738	733	729	729	728	731	731	730	731	732	737	742	745			
45	678	678	676	672	667	663	662	662	665	665	664	664	666	671	677	679			
50	607	607	605	601	596	592	592	591	595	594	594	594	596	600	606	609			
55	533	533	531	526	521	518	517	517	520	520	519	519	521	525	532	535			
60	455	455	453	448	443	439	439	439	443	443	442	441	443	448	454	458			
65	376	375	372	368	363	360	360	361	365	365	364	363	364	368	375	379			
70	296	295	291	287	282	280	281	283	286	287	286	284	284	288	294	299			
75	215	212	209	206	202	201	202	205	209	209	208	206	206	210	215	219			
80	134	130	127	125	123	124	127	130	135	135	134	131	131	133	138	140			
85	55.4	52.0	51.3	51.6	50.9	52.4	56.2	60.2	65.0	66.8	66.4	62.5	59.3	61.7	63.4	61.6			
90	2.56	1.29	2.60	3.49	2.99	3.48	6.27	8.39	10.4	11.8	13.3	12.6	9.01	6.37	7.11	5.95			
95	0.00	0.00	0.00	0.00	0.01	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	0.22	0.00	0.11	0.30	0.20	0.21	0.11	0.40	0.42	0.30	0.50	0.45	0.37	0.40	0.43			
105	0.16	0.28	0.00	0.15	0.30	0.10	0.27	0.18	0.80	0.73	0.69	0.77	0.70	0.70	0.60	0.74			
110	0.21	0.34	0.11	0.20	0.30	0.10	0.32	0.25	1.08	1.00	0.88	1.04	0.98	0.93	0.87	0.87			
115	0.26	0.41	0.21	0.24	0.30	0.20	0.38	0.40	1.39	1.40	1.20	1.20	1.19	1.10	1.20	1.24			
120	0.31	0.47	0.34	0.29	0.30	0.40	0.60	0.44	1.65	1.60	1.70	1.20	1.34	1.41	1.48	1.50			
125	0.36	0.66	0.71	0.35	0.30	0.49	0.67	0.64	1.94	1.62	1.70	1.20	1.59	1.43	1.80	1.81			
130	0.42	1.02	0.86	0.41	0.30	0.59	0.86	0.79	1.90	1.64	1.70	1.20	1.60	1.46	1.80	1.81			
135	0.48	1.30	0.90	0.46	0.45	0.68	1.26	0.88	1.90	1.66	1.68	1.44	1.60	1.49	1.80	1.78			
140	0.63	1.52	0.90	0.55	0.50	0.78	1.50	0.95	1.90	1.68	1.64	1.54	1.60	1.60	1.70	1.75			
145	0.90	1.57	0.90	1.29	0.80	1.80	1.60	1.30	1.90	1.68	1.60	1.64	1.50	1.63	1.10	1.72			
150	1.40	1.50	0.90	1.60	0.86	1.80	1.28	1.30	1.90	1.66	1.74	1.74	1.47	1.66	1.16	1.75			
155	1.59	1.49	0.90	1.64	0.87	2.00	1.13	1.30	1.90	1.65	1.97	1.83	1.43	1.69	1.70	1.80			
160	1.59	1.46	0.90	1.55	0.88	1.80	1.13	1.25	1.90	1.63	1.91	1.93	1.39	1.73	1.83	1.73			
165	1.59	1.43	0.90	1.55	0.89	1.20	1.12	1.14	1.90	1.61	1.84	1.83	1.35	1.76	1.72	1.67			
170	1.59	1.41	0.90	1.59	1.03	1.18	1.11	1.50	1.90	1.60	1.76	1.69	1.31	1.79	1.60	1.69			
175	1.60	1.40	1.00	1.34	1.25	1.27	1.10	1.64	1.80	1.60	1.70	1.70	1.30	1.20	1.45	1.10			
180	1.60	1.40	1.00	1.30	1.30	1.70	1.10	1.50	1.60	1.60	1.40	1.00	1.30	1.30	1.40	1.10			

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  
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 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.459  
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