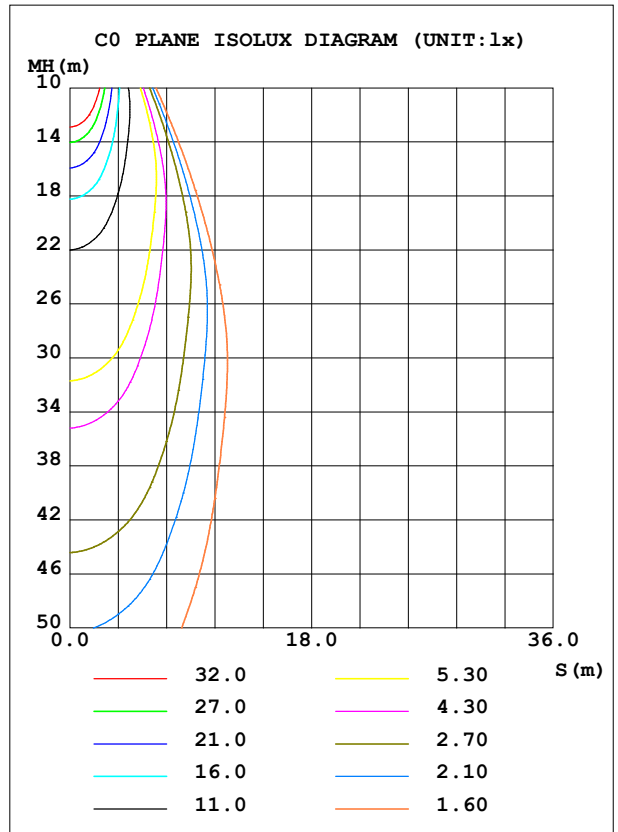
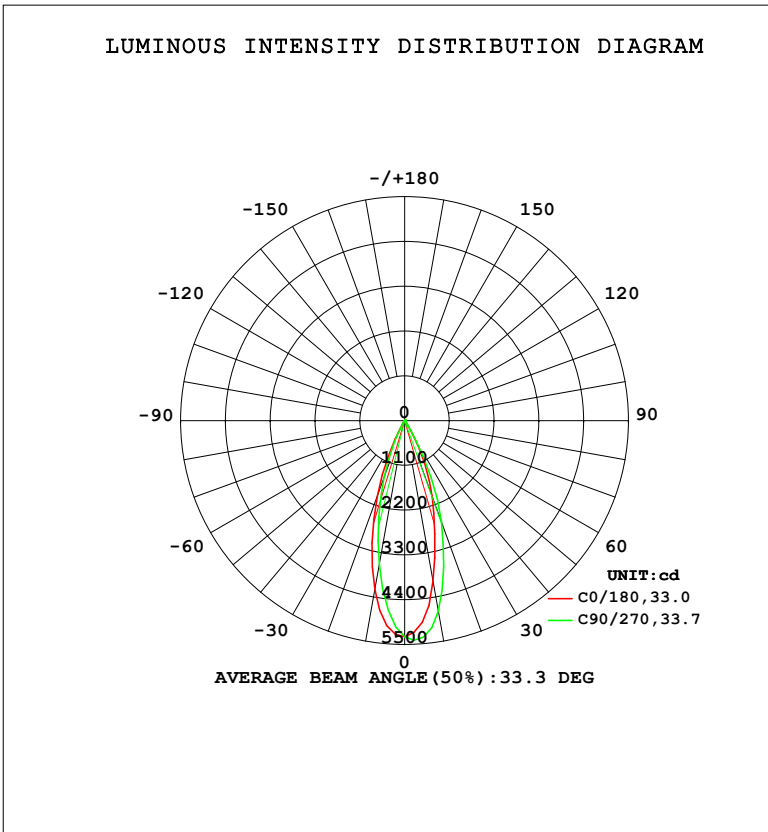


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:220.31V I:0.1609A P:18.890W PF:0.5330 Freq:50.00Hz Lamp Flux:1910.15x1 lm		
NAME: 桶射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	324	Imax (cd)	5401	S/MH (C0/180)	0.56
NOMINAL POWER (W)	20	LOR (%)	100.0	S/MH (C90/270)	0.47
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	1910.2	$\eta$ UP, DN (C0-180)	0.5, 57.3
NOMINAL FLUX (lm)	1910.15	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.7, 41.5
LAMPS INSIDE	1	$\eta$ up (%)	1.2	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	219.5	$\eta$ down (%)	98.8	CIBSE SHR MAX	0.60



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-11-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity: 65.0%  
 Test Distance: 9.401m [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	4026	4569	4752	4586	4211	3868	3587	3592	0- 10	450.6	450.6	23.6,23.6
20	1982	2550	2650	2390	1973	1654	1477	1580	10- 20	837.9	1289	67.5,67.5
30	485.8	694.3	581.2	386.9	247.7	184.0	187.5	283.6	20- 30	504.1	1793	93.9,93.9
40	34.01	43.33	34.65	28.32	23.95	23.73	21.88	24.37	30- 40	86.90	1880	98.4,98.4
50	2.399	2.679	2.680	2.607	1.669	1.533	1.521	1.905	40- 50	7.744	1887	98.8,98.8
60	0.1987	0.2226	0.1631	0.1393	0.0418	0.1497	0.1202	0.2049	50- 60	0.6445	1888	98.8,98.8
70	0.0001	0.0241	0.0001	0.0182	0	0.0239	0.0723	0.0422	60- 70	0.0632	1888	98.8,98.8
80	0	0	0	0	0	0	0.1495	0.0302	70- 80	0.0257	1888	98.8,98.8
90	0	0	0	0	0	0	0.2293	0.0724	80- 90	0.0293	1888	98.8,98.8
100	0	0	0	0	0.0061	0.0061	0.0061	0.0001	90-100	0.0503	1888	98.8,98.8
110	0.4004	0.0119	0	0.0240	0.4989	0.4867	0.2118	0.4290	100-110	0.0811	1888	98.9,98.9
120	0.9952	0.4912	0.4447	0.5788	1.640	1.593	2.912	1.307	110-120	0.6109	1889	98.9,98.9
130	2.854	2.242	2.165	2.413	4.079	4.615	6.054	4.385	120-130	2.025	1891	99,99
140	6.369	5.727	5.584	6.011	7.969	8.732	9.321	8.745	130-140	4.104	1895	99.2,99.2
150	10.13	9.636	9.638	10.04	11.50	11.75	12.06	12.01	140-150	5.753	1901	99.5,99.5
160	11.56	11.54	11.87	11.86	12.16	11.46	11.96	11.92	150-160	5.359	1906	99.8,99.8
170	10.16	10.59	10.88	10.53	10.06	9.206	9.146	9.373	160-170	3.147	1909	100,100
180	9.549	9.514	9.328	9.411	9.519	9.460	9.292	9.357	170-180	0.9167	1910	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1885.4 lm

%lum = 98.7%

%lamp = 98.7%

Conical surface Flux(130deg): 1888 lm

%lum = 98.8%

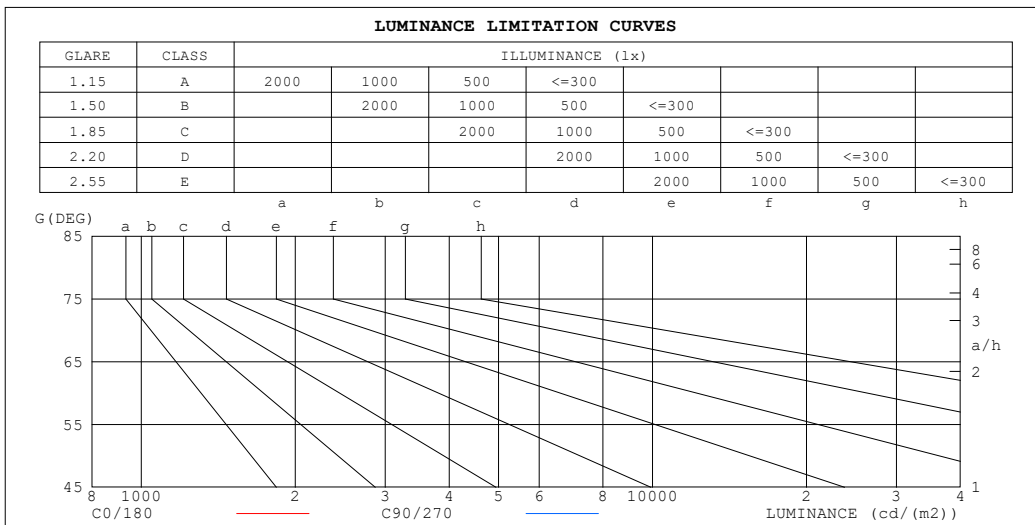
%lamp = 98.8%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: MEDIUM  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:220.31V I:0.1609A P:18.890W PF:0.5330 Freq:50.00Hz Lamp Flux:1910.15x1 lm		
NAME: 桶射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	0
80	0	0
75	0	0
70	0	0
65	0	1
60	2	1
55	5	3
50	15	17
45	44	63

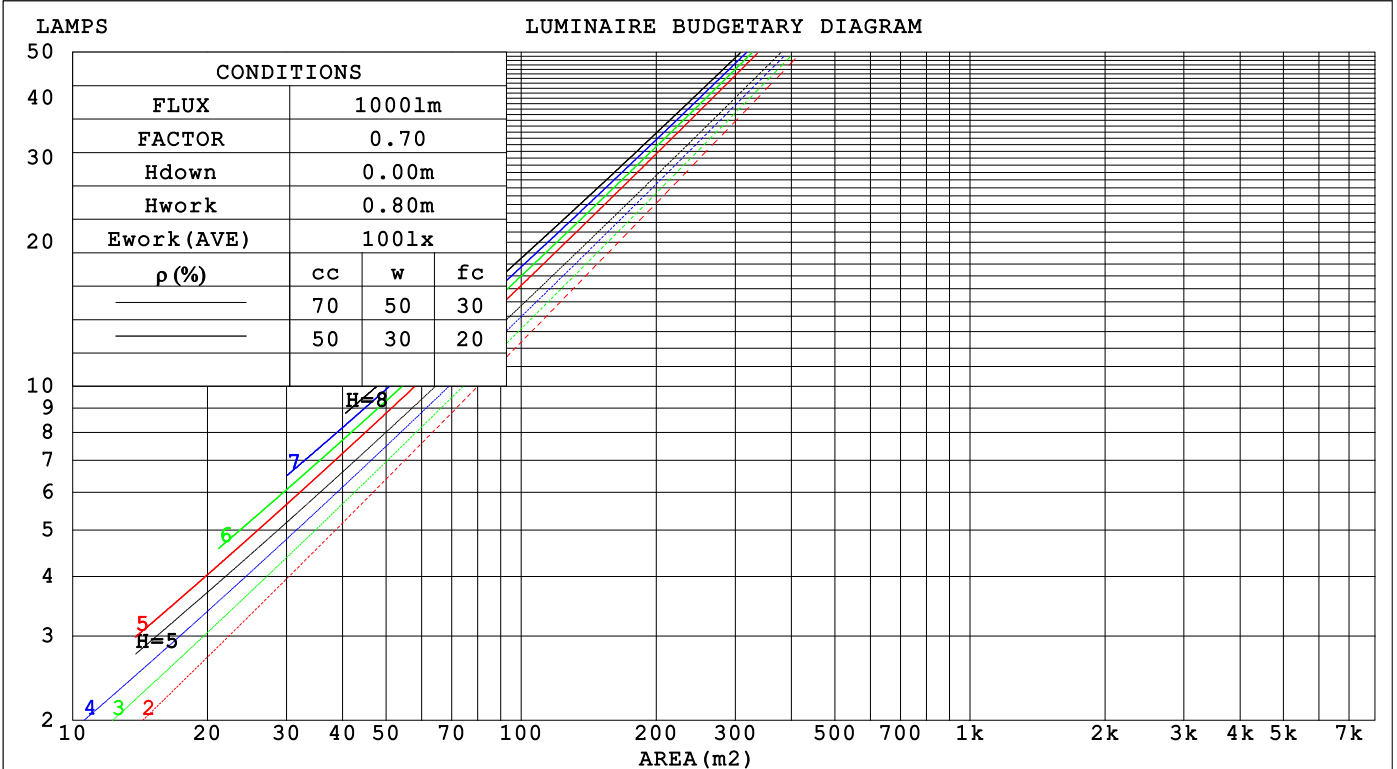
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: MEDIUM  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-11

γ Range: 0 - 180DEG  
 γ Interval: 2.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.31V I:0.1609A P:18.890W PF:0.5330 Freq:50.00Hz Lamp Flux:1910.15x1 lm		
NAME: 桶射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
	ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	
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	1.10	1.10	1.10	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.98	.97	.97	.95
2.0	1.06	1.03	1.00	1.04	1.02	.99	1.01	.99	.97	.98	.96	.95	.95	.94	.92	.91
3.0	1.01	.97	.94	.00	.96	.93	.97	.94	.92	.94	.92	.90	.92	.90	.89	.87
4.0	.96	.92	.89	.95	.91	.88	.93	.90	.87	.91	.88	.86	.89	.87	.85	.84
5.0	.92	.88	.84	.91	.87	.84	.89	.86	.83	.88	.85	.82	.86	.84	.82	.80
6.0	.88	.84	.80	.88	.83	.80	.86	.82	.80	.85	.81	.79	.83	.81	.78	.77
7.0	.85	.80	.77	.84	.80	.77	.83	.79	.76	.82	.78	.76	.81	.78	.75	.74
8.0	.82	.77	.74	.81	.77	.74	.80	.76	.73	.79	.76	.73	.78	.75	.73	.72
9.0	.79	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.70	.76	.72	.70	.69
10.0	.76	.71	.68	.75	.71	.68	.75	.71	.68	.74	.70	.68	.73	.70	.68	.67



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: MEDIUM  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-11

γ Range: 0 - 180DEG  
 γ Interval: 2.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:220.31V I:0.1609A P:18.890W PF:0.5330 Freq:50.00Hz								
Lamp Flux:1910.15x1 lm								
NAME: 桶射灯			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: EVERFINE			SUR.: 156.5mm			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	.147	.084	.027	.140	.080	.025	.127	.073	.023	.115	.066	.021	.104	.060	.019	
2.0	.138	.075	.023	.132	.073	.022	.121	.067	.021	.111	.062	.019	.102	.057	.018	
3.0	.129	.069	.021	.124	.067	.020	.115	.062	.019	.107	.058	.018	.099	.055	.017	
4.0	.122	.063	.019	.118	.062	.018	.110	.058	.017	.103	.055	.017	.096	.052	.016	
5.0	.116	.059	.017	.112	.057	.017	.105	.055	.016	.099	.052	.016	.093	.050	.015	
6.0	.110	.055	.016	.107	.054	.016	.101	.052	.015	.095	.050	.015	.090	.047	.014	
7.0	.105	.052	.015	.102	.051	.015	.097	.049	.014	.092	.047	.014	.087	.045	.013	
8.0	.100	.049	.014	.098	.048	.014	.093	.047	.013	.089	.045	.013	.085	.044	.013	
9.0	.096	.047	.013	.094	.046	.013	.090	.044	.013	.086	.043	.012	.082	.042	.012	
10.0	.093	.044	.012	.091	.044	.012	.087	.043	.012	.083	.041	.012	.080	.040	.012	

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	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.178	.166	.156	.152	.143	.134	.104	.098	.093	.060	.057	.054	.019	.018	.017	
2.0	.161	.142	.126	.138	.122	.109	.094	.084	.076	.054	.049	.044	.017	.016	.014	
3.0	.146	.122	.103	.125	.106	.089	.086	.073	.063	.050	.043	.037	.016	.014	.012	
4.0	.135	.107	.086	.115	.093	.075	.079	.065	.053	.046	.038	.031	.015	.012	.010	
5.0	.125	.095	.073	.107	.082	.064	.074	.057	.045	.043	.034	.027	.014	.011	.009	
6.0	.116	.085	.063	.100	.074	.055	.069	.052	.039	.040	.030	.023	.013	.010	.008	
7.0	.109	.077	.055	.094	.067	.048	.065	.047	.034	.038	.028	.020	.012	.009	.007	
8.0	.103	.071	.049	.089	.061	.042	.061	.043	.030	.036	.025	.018	.012	.008	.006	
9.0	.098	.065	.043	.084	.057	.038	.058	.040	.027	.034	.024	.016	.011	.008	.005	
10.0	.093	.061	.039	.080	.053	.034	.056	.037	.024	.032	.022	.015	.011	.007	.005	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: MEDIUM  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-11

γ Range: 0 - 180DEG  
 γ Interval: 2.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:220.31V I:0.1609A P:18.890W PF:0.5330 Freq:50.00Hz										
Lamp Flux:1910.15x1 lm										
NAME: 桶射灯			TYPE:				WEIGHT:			
SPEC.:			DIM.:				SERIAL No.:			
MFR.: EVERFINE			SUR.: 156.5mm				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	-4.2	-3.5	-4.0	-3.4	-3.2	-4.7	-3.9	-4.4	-3.8	-3.6
3H	-4.4	-3.7	-4.1	-3.5	-3.3	-4.8	-4.1	-4.6	-3.9	-3.7
4H	-4.5	-3.9	-4.2	-3.6	-3.4	-4.9	-4.3	-4.6	-4.0	-3.8
6H	-4.6	-4.0	-4.3	-3.7	-3.5	-5.0	-4.4	-4.7	-4.1	-3.9
8H	-4.6	-4.1	-4.3	-3.8	-3.5	-5.0	-4.5	-4.7	-4.2	-3.9
12H	-4.7	-4.1	-4.3	-3.8	-3.6	-5.1	-4.5	-4.8	-4.2	-4.0
4H 2H	-4.5	-3.9	-4.2	-3.6	-3.4	-4.9	-4.3	-4.6	-4.0	-3.8
3H	-4.7	-4.1	-4.3	-3.8	-3.6	-5.1	-4.5	-4.8	-4.2	-4.0
4H	-4.8	-4.3	-4.4	-4.0	-3.6	-5.2	-4.7	-4.8	-4.4	-4.0
6H	-4.9	-4.4	-4.5	-4.1	-3.7	-5.3	-4.8	-4.9	-4.5	-4.1
8H	-4.9	-4.5	-4.5	-4.1	-3.8	-5.3	-4.9	-4.9	-4.6	-4.2
12H	-5.0	-4.6	-4.6	-4.2	-3.8	-5.4	-5.0	-5.0	-4.6	-4.2
8H 4H	-4.9	-4.5	-4.5	-4.1	-3.8	-5.3	-4.9	-4.9	-4.6	-4.2
6H	-5.0	-4.7	-4.6	-4.3	-3.9	-5.5	-5.1	-5.0	-4.7	-4.3
8H	-5.1	-4.8	-4.6	-4.4	-3.9	-5.5	-5.2	-5.0	-4.8	-4.3
12H	-5.2	-4.9	-4.7	-4.4	-4.0	-5.6	-5.3	-5.1	-4.9	-4.4
12H 4H	-5.0	-4.6	-4.6	-4.2	-3.8	-5.4	-5.0	-5.0	-4.6	-4.2
6H	-5.1	-4.8	-4.6	-4.4	-3.9	-5.5	-5.2	-5.0	-4.8	-4.3
8H	-5.2	-4.9	-4.7	-4.4	-4.0	-5.6	-5.3	-5.1	-4.9	-4.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 4.4 / -27.1					+ 3.8 / -28.2				
1.5H	+ 7.2 / -22.6					+ 6.4 / -22.9				
2.0H	+ 7.6 / -25.4					+ 8.5 / -23.5				

CIE Pub.117, 1910 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.2)  
 Area: 0.245 m2

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: MEDIUM  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-11

γ Range: 0 - 180DEG  
 γ Interval: 2.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:220.31V I:0.1609A P:18.890W PF:0.5330 Freq:50.00Hz Lamp Flux:1910.15x1 lm		
NAME: 桶射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	Shielding Angle:

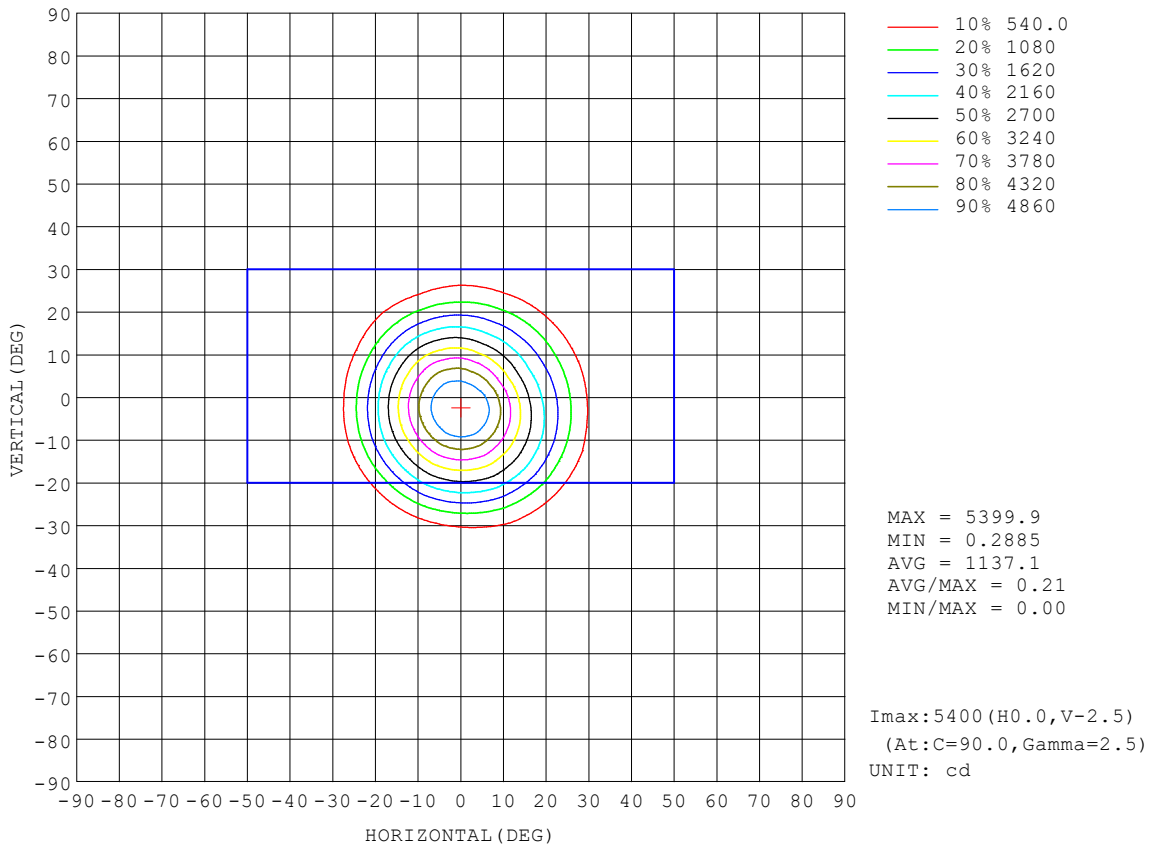
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	82	90	85	81	89	84	81	78
0.80	98	92	89	97	92	89	96	91	88	85
1.00	101	96	93	100	96	93	99	95	92	88
1.25	105	100	97	104	100	97	102	98	96	92
1.50	107	103	100	106	102	99	104	101	98	94
2.00	109	106	103	108	105	102	105	102	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	110	108	106	107	105	103	97
4.00	114	112	110	112	110	108	108	107	105	98
5.00	115	113	112	113	111	110	109	108	107	99
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: MEDIUM  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:220.31V I:0.1609A P:18.890W PF:0.5330 Freq:50.00Hz Lamp Flux:1910.15x1 lm		
NAME: 桶射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	Shielding Angle:



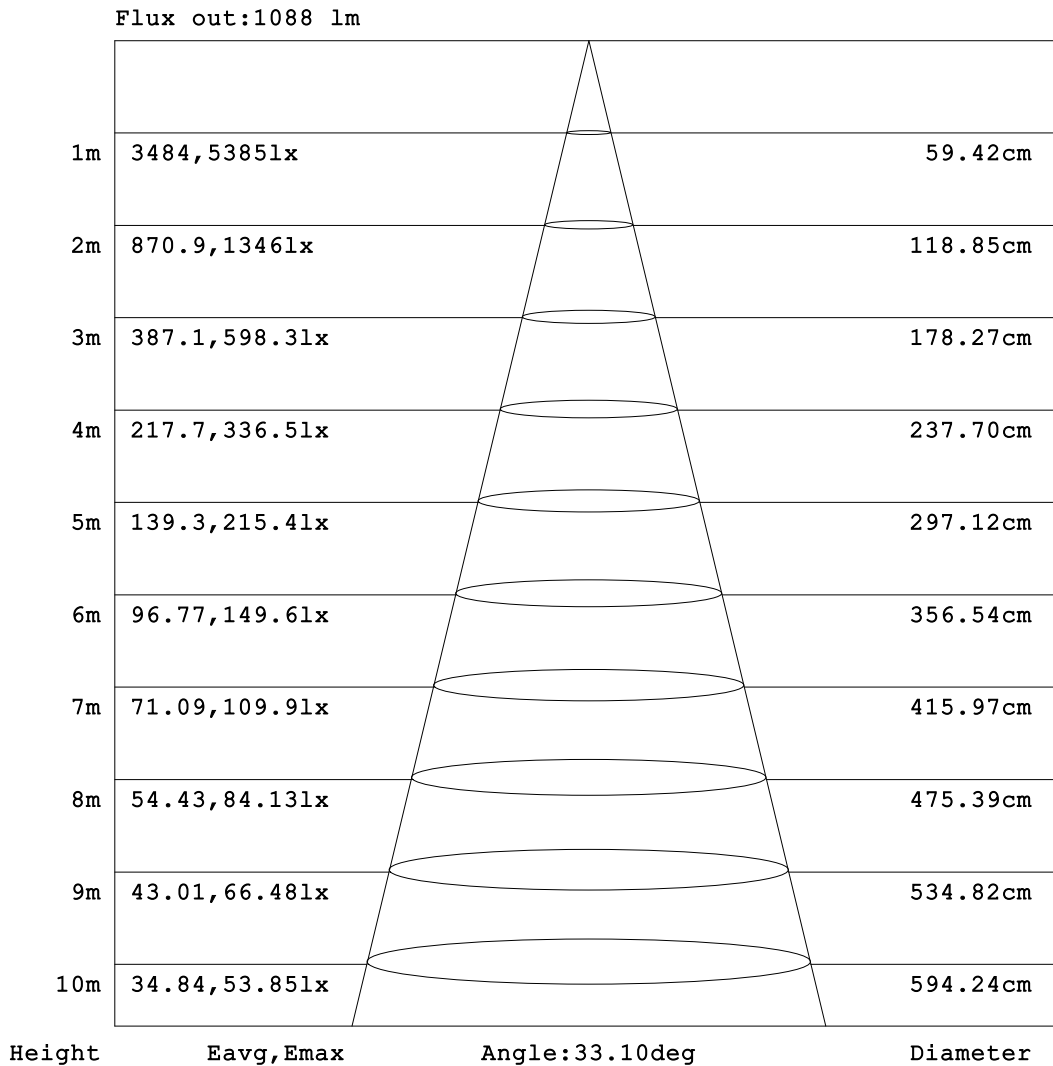
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: MEDIUM  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-11

γ Range: 0 - 180DEG  
 γ Interval: 2.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:220.31V I:0.1609A P:18.890W PF:0.5330 Freq:50.00Hz Lamp Flux:1910.15x1 lm		
NAME: 桶射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	Shielding Angle:



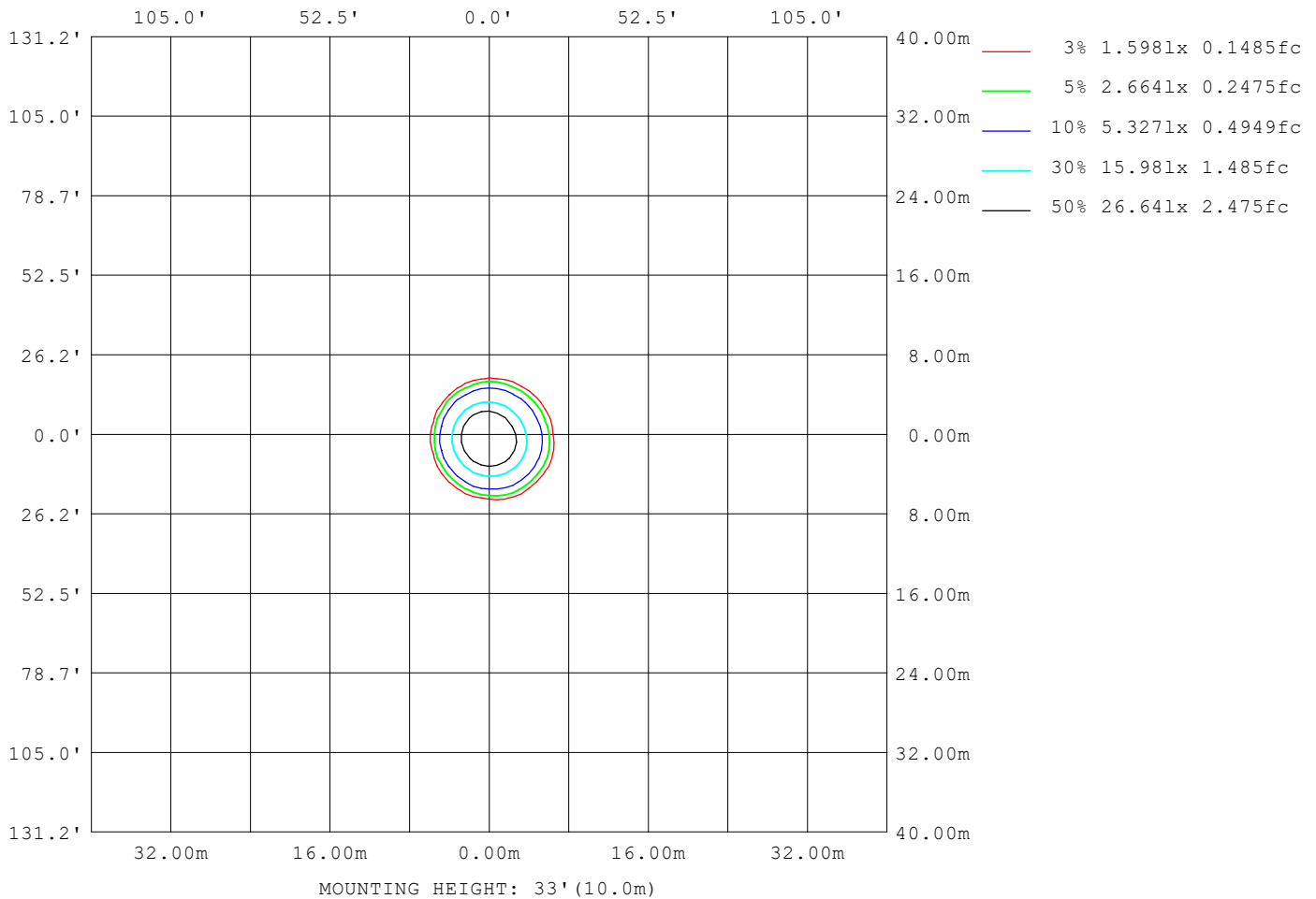
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: MEDIUM  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2023-11-11

γ Range: 0 - 180DEG  
γ Interval: 2.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity: 65.0%  
Test Distance: 9.401m [K=1.0000]  
Remarks:

**ISOLUX DIAGRAM**

Test:U:220.31V I:0.1609A P:18.890W PF:0.5330 Freq:50.00Hz Lamp Flux:1910.15x1 lm		
NAME: 桶射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: MEDIUM  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2023-11-11

γ Range: 0 - 180DEG  
γ Interval: 2.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks:

**LED Avg.L Report**

Test:U:220.31V I:0.1609A P:18.890W PF:0.5330 Freq:50.00Hz Lamp Flux:1910.15x1 lm		
NAME: 桶射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	Shielding Angle:

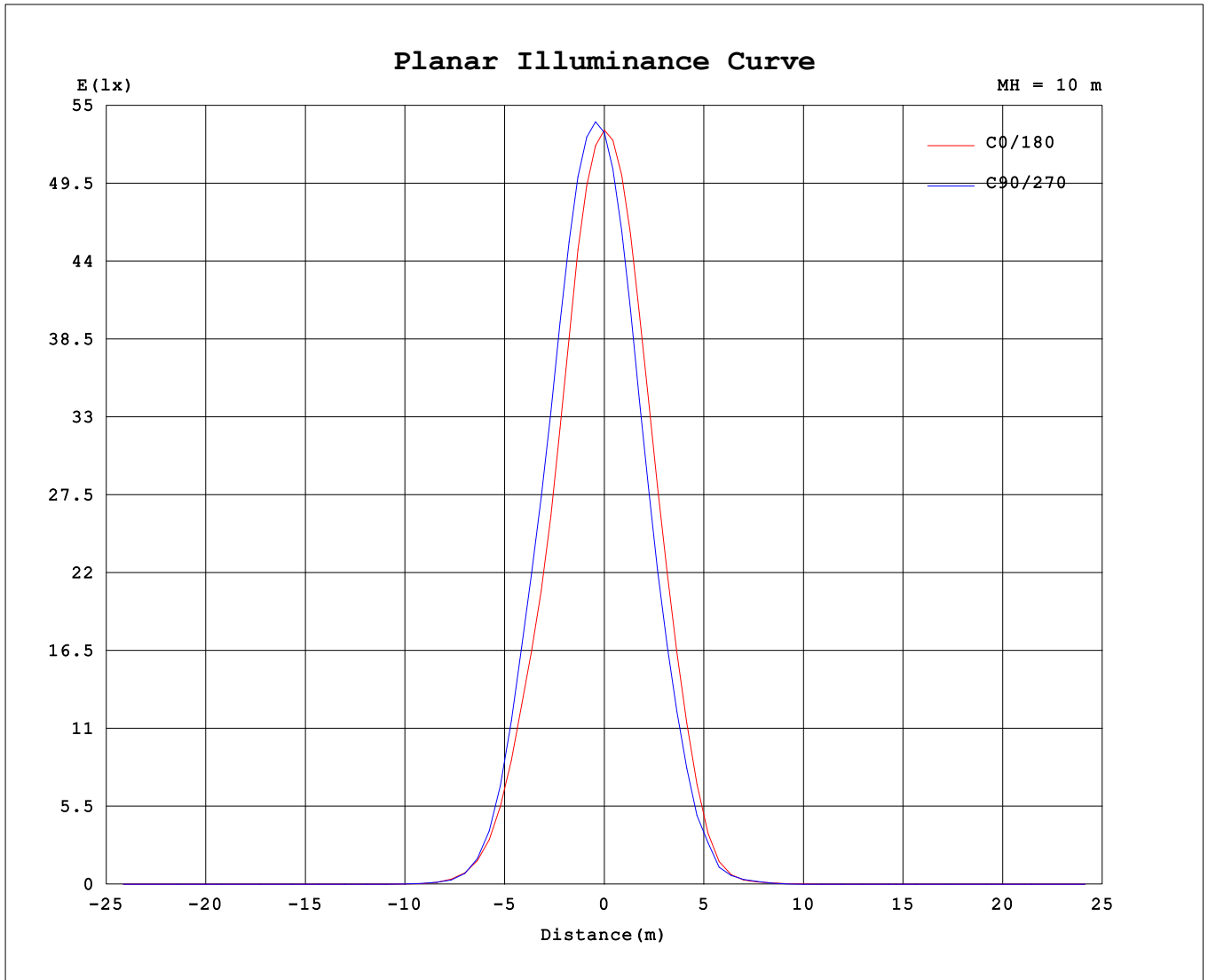
AvgL	cd/m2
L_0~180 (65) av	0
L_0~180 (75) av	0
L_0~180 (85) av	0
L_90~270 (65) av	1
L_90~270 (75) av	1
L_90~270 (85) av	5
L_45 (65) av	1
L_45 (75) av	0
L_45 (85) av	1

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: MEDIUM  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-11

γ Range: 0 - 180DEG  
 γ Interval: 2.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**Planar Illuminance Curve**



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-11-11

γ Range: 0 - 180DEG  
 γ Interval: 2.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity: 65.0%  
 Test Distance: 9.401m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.31V I:0.1609A P:18.890W PF:0.5330 Freq:50.00Hz Lamp Flux:1910.15x1 lm		
NAME: 桶射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	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	5310	5310	5310	5310	5310	5310	5310	5310	5310	5310	5310	5310	5310	5310	5310	5310			
5	4974	5125	5232	5319	5339	5329	5262	5183	5050	4919	4816	4720	4671	4651	4712	4815			
10	4026	4337	4569	4726	4752	4723	4586	4430	4211	4014	3868	3683	3587	3521	3592	3731			
15	2880	3238	3508	3703	3704	3670	3489	3337	3108	2904	2755	2572	2466	2384	2458	2593			
20	1982	2311	2550	2685	2650	2577	2390	2209	1973	1776	1654	1526	1477	1486	1580	1735			
25	1175	1417	1601	1647	1555	1470	1284	1141	947	800	724	651	655	696	802	949			
30	486	621	694	681	581	501	387	315	248	204	184	175	188	217	284	370			
35	149	196	203	180	139	107	83.2	65.5	55.3	52.8	56.2	58.6	63.9	71.0	89.2	114			
40	34.0	41.4	43.3	40.6	34.7	32.3	28.3	26.1	23.9	23.2	23.7	22.0	21.9	21.9	24.4	27.3			
45	7.65	8.61	9.45	10.5	10.9	11.2	10.2	9.08	7.60	6.82	6.28	5.82	5.51	5.44	5.84	6.47			
50	2.40	2.60	2.68	2.75	2.68	2.74	2.61	2.21	1.67	1.57	1.53	1.53	1.52	1.68	1.91	1.96			
55	0.67	0.65	0.68	0.48	0.47	0.39	0.44	0.36	0.22	0.34	0.46	0.59	0.55	0.67	0.65	0.57			
60	0.20	0.16	0.22	0.13	0.16	0.09	0.14	0.08	0.04	0.14	0.15	0.19	0.12	0.19	0.20	0.18			
65	0.04	0.00	0.07	0.02	0.07	0.00	0.04	0.00	0.00	0.07	0.06	0.11	0.07	0.13	0.07	0.07			
70	0.00	0.00	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.04	0.02	0.10	0.07	0.12	0.04	0.05			
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.05	0.11	0.11	0.03	0.04			
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.05	0.15	0.10	0.03	0.01			
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.05	0.21	0.10	0.05	0.01			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.05	0.23	0.10	0.07	0.05			
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.24	0.44	0.42	0.00	0.11			
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.00			
105	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.02	0.05	0.03	0.26	0.01	0.11	0.00	0.22	0.00			
110	0.40	0.19	0.01	0.05	0.00	0.05	0.02	0.18	0.50	0.61	0.49	0.25	0.21	0.11	0.43	0.59			
115	0.59	0.39	0.14	0.16	0.12	0.20	0.20	0.42	0.94	1.01	0.79	0.71	0.70	0.65	0.52	0.86			
120	1.00	0.78	0.49	0.58	0.44	0.57	0.58	0.94	1.64	1.81	1.59	1.73	2.91	1.99	1.31	1.43			
125	1.67	1.48	1.16	1.20	1.09	1.23	1.28	1.72	2.65	2.92	2.88	3.13	4.56	3.27	2.58	2.55			
130	2.85	2.57	2.24	2.23	2.17	2.28	2.41	2.77	4.08	4.39	4.61	4.94	6.05	4.81	4.38	4.21			
135	4.48	4.09	3.81	3.71	3.67	3.80	4.02	4.44	5.82	6.24	6.67	7.02	7.05	7.05	6.56	6.19			
140	6.37	6.04	5.73	5.62	5.58	5.76	6.01	6.47	7.97	8.34	8.73	9.12	9.32	9.23	8.75	8.36			
145	8.40	8.08	7.79	7.70	7.69	7.88	8.14	8.55	9.97	10.2	10.5	10.8	11.1	11.0	10.7	10.4			
150	10.1	9.89	9.64	9.62	9.64	9.84	10.0	10.4	11.5	11.6	11.7	11.9	12.1	12.0	12.0	11.8			
155	11.2	11.1	11.0	11.1	11.1	11.3	11.4	11.6	12.3	12.1	12.0	12.2	12.4	12.4	12.4	12.4			
160	11.6	11.5	11.5	11.8	11.9	11.9	11.9	11.9	12.2	11.8	11.5	11.7	12.0	12.0	11.9	12.2			
165	11.1	11.2	11.4	11.6	11.8	11.7	11.5	11.3	11.2	10.7	10.3	10.4	10.6	10.7	10.7	11.0			
170	10.2	10.4	10.6	10.8	10.9	10.7	10.5	10.3	10.1	9.70	9.21	9.05	9.15	9.29	9.37	9.71			
175	9.60	9.75	10.0	10.0	9.94	9.79	9.79	9.47	9.47	9.26	9.05	8.73	8.73	8.86	9.04	9.09			
180	9.55	9.44	9.51	9.33	9.33	9.26	9.41	9.21	9.52	9.41	9.46	9.26	9.29	9.20	9.36	9.17			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: MEDIUM  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-11

γ Range: 0 - 180DEG  
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 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
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