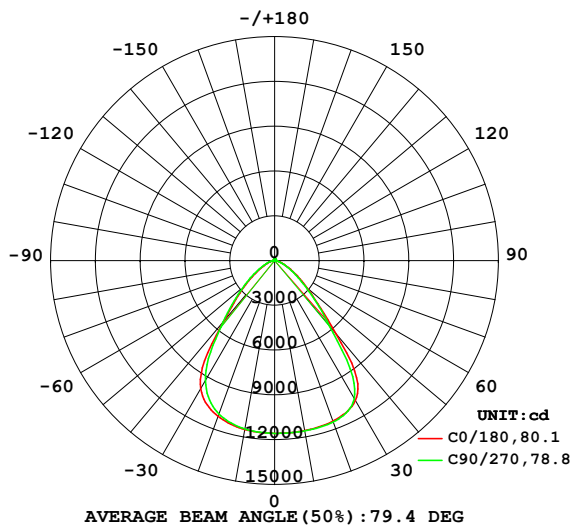


## LUMINAIRE PHOTOMETRIC TEST REPORT

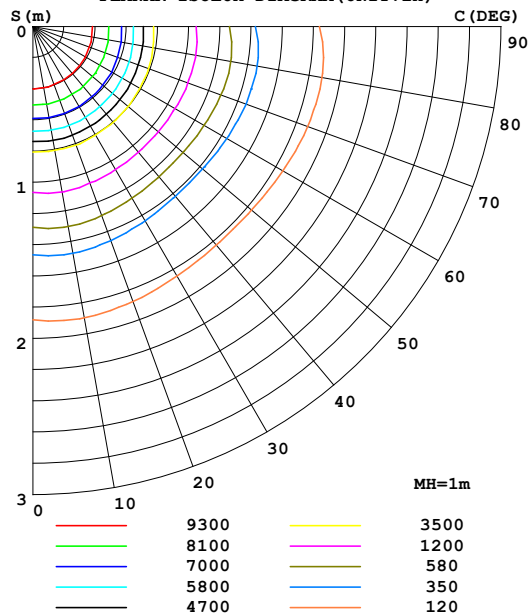
Test:U:119.85V I:1.2374A P:147.76W PF:0.9964 Freq:60.01Hz UTHDi:0.67% ITHDi:3.98% KDisp:0.0000 Lamp Flux:20814.1lx1 lm		
NAME: SS-UFO11-150/120/100W	TYPE: SS-UFO11-150/120/100W	WEIGHT: 01
SPEC.: 120~277V	DIM.: 0.28	SERIAL No.:
MFR.:	SUR.: 0.22	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 140.87 lm/W			
MODEL	SS-UFO11-150/120/100W	I <sub>max</sub> (cd)	11594	S/MH(C0/180)	1.13
NOMINAL POWER(W)	150	LOR(%)	100.0	S/MH(C90/270)	1.12
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	20814	η UP,DN(C0-180)	1.1,50.1
NOMINAL FLUX(lm)	20814.1	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.1,47.6
LAMPS INSIDE	1	η up (%)	2.3	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	120	η down (%)	97.7	CIBSE SHR MAX	1.15

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: MEDIUM

Temperature:25.3℃

Operators:

Test Date:11 July 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458

Humidity:65.0%

Test Distance:8.050m [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	1157	1158	1159	1156	1150	1144	1146	1153	0- 10	1103	1103	5.3,5.3
20	1145	1154	1150	1134	1110	1092	1093	1124	10- 20	3233	4336	20.8,20.8
30	1083	1099	1068	1022	990.4	930.1	927.6	1015	20- 30	4999	9335	44.8,44.8
40	641.4	637.0	576.3	514.3	531.5	512.1	538.3	579.7	30- 40	5123	14458	69.5,69.5
50	284.6	266.3	269.3	234.1	256.7	235.5	269.8	278.3	40- 50	3001	17459	83.9,83.9
60	132.9	120.4	123.7	106.6	117.2	109.8	128.8	133.3	50- 60	1630	19089	91.7,91.7
70	56.51	52.67	52.20	45.34	49.89	48.25	55.47	58.46	60- 70	809.6	19899	95.6,95.6
80	18.33	17.68	16.71	15.36	16.44	16.89	18.57	20.07	70- 80	345.0	20244	97.3,97.3
90	3.823	3.819	3.852	3.882	3.842	3.800	3.731	3.764	80- 90	96.45	20341	97.7,97.7
100	4.635	4.582	4.630	4.757	4.556	4.598	4.475	4.305	90-100	45.19	20386	97.9,97.9
110	5.743	5.666	5.730	5.926	5.850	5.913	5.770	5.519	100-110	54.30	20440	98.2,98.2
120	7.007	6.942	7.010	7.215	7.397	7.466	7.303	7.034	110-120	63.97	20504	98.5,98.5
130	8.373	8.296	8.376	8.576	8.961	9.030	8.859	8.589	120-130	70.68	20575	98.8,98.8
140	9.736	9.681	9.752	9.913	10.41	10.45	10.30	10.08	130-140	72.30	20647	99.2,99.2
150	10.85	10.84	10.87	10.95	11.44	11.41	11.27	11.11	140-150	66.34	20713	99.5,99.5
160	11.89	11.91	11.86	11.84	12.30	12.18	12.00	11.91	150-160	53.22	20767	99.8,99.8
170	12.90	12.89	12.79	12.78	13.13	13.02	12.82	12.74	160-170	35.12	20802	99.9,99.9
180	13.45	13.41	13.27	13.21	13.56	13.49	13.32	13.24	170-180	12.49	20814	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

Conical surface Flux(90deg): 16180 lm

%lum = 77.7%

%lamp = 77.7%

Conical surface Flux(130deg): 19570 lm

%lum = 94.0%

%lamp = 94.0%

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: MEDIUM

Temperature:25.3℃

Operators:

Test Date:11 July 2024

$\gamma$  Range: 0 - 180DEG

$\gamma$  Interval: 1.0DEG

Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458

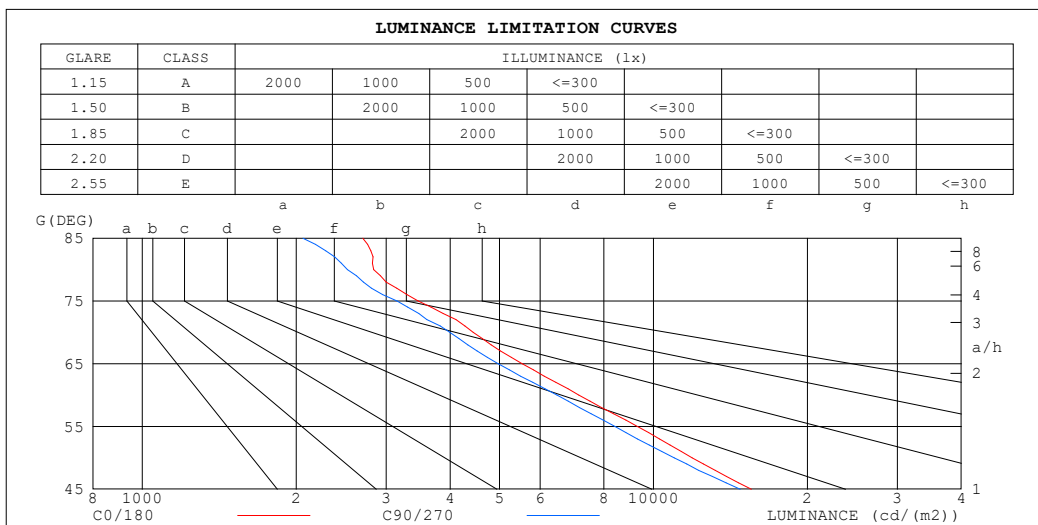
Humidity:65.0%

Test Distance:8.050m [K=1.0000]

Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:119.85V I:1.2374A P:147.76W PF:0.9964 Freq:60.01Hz UTHDi:0.67% ITHDi:3.98% KDisp:0.0000 Lamp Flux:20814.1x1 lm		
NAME: SS-UFO11-150/120/100W	TYPE: SS-UFO11-150/120/100W	WEIGHT: 01
SPEC.: 120~277V	DIM.: 0.28	SERIAL No.:
MFR.:	SUR.: 0.22	Shielding Angle:



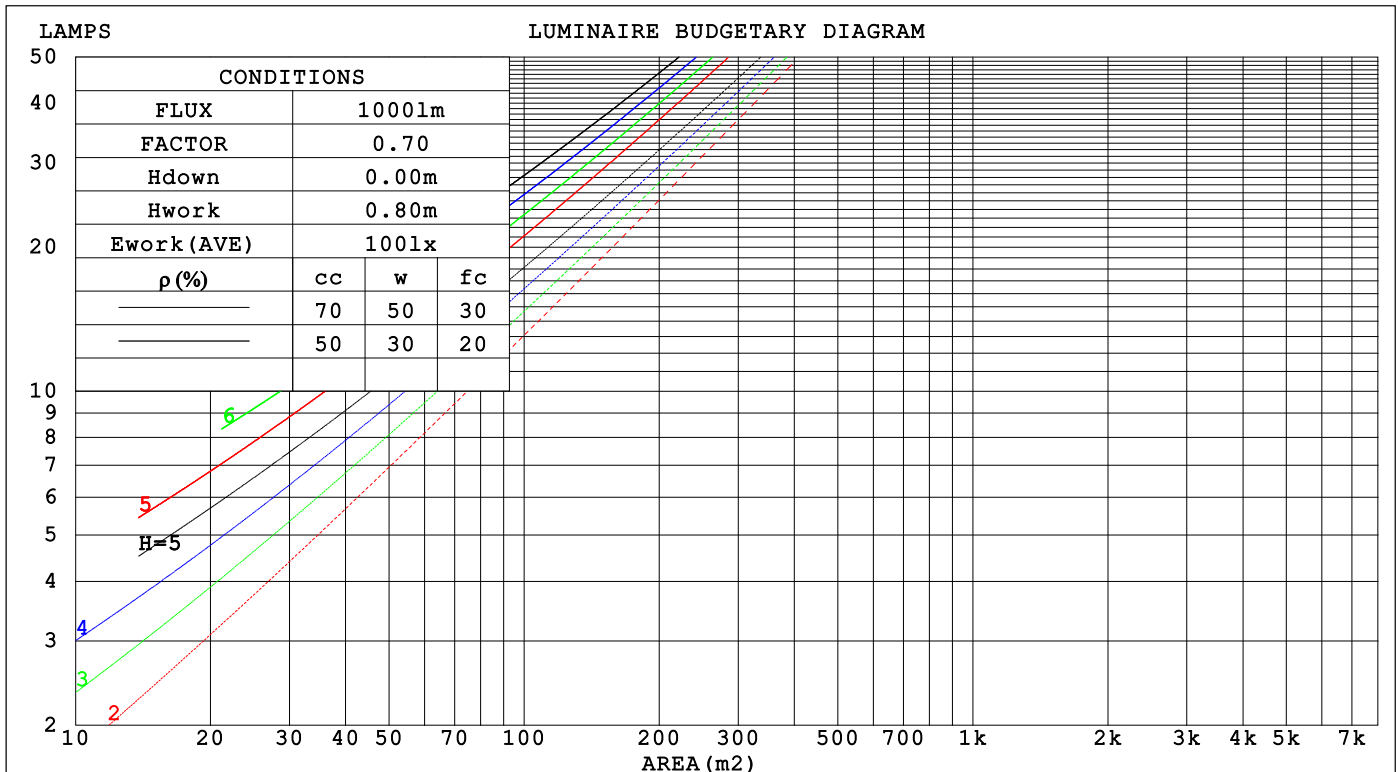
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: MEDIUM  
Temperature: 25.3°C  
Operators:  
Test Date: 11 July 2024

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
Humidity: 65.0%  
Test Distance: 8.050m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.85V I:1.2374A P:147.76W PF:0.9964 Freq:60.01Hz		
UTHDi:0.67% ITHDi:3.98% KDisp:0.0000 Lamp Flux:20814.1x1 lm		
NAME: SS-UFO11-150/120/100W	TYPE: SS-UFO11-150/120/100W	WEIGHT: 01
SPEC.: 120~277V	DIM.: 0.28	SERIAL No.:
MFR.:	SUR.: 0.22	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	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98														
1.0	1.08	1.04	1.02	1.05	1.02	.00	1.01	.98	.96	.96	.95	.93	.93	.91	.90	.88														
2.0	.97	.92	.88	.95	.91	.87	.92	.88	.84	.88	.85	.82	.85	.82	.80	.78														
3.0	.88	.82	.77	.87	.81	.76	.84	.79	.74	.81	.76	.73	.78	.75	.72	.70														
4.0	.80	.73	.68	.79	.72	.67	.76	.71	.66	.74	.69	.65	.72	.68	.64	.62														
5.0	.73	.66	.61	.72	.65	.60	.70	.64	.60	.68	.63	.59	.66	.62	.58	.56														
6.0	.67	.60	.55	.66	.59	.54	.65	.58	.54	.63	.57	.53	.61	.56	.53	.51														
7.0	.62	.55	.50	.61	.54	.49	.60	.53	.49	.58	.53	.48	.57	.52	.48	.46														
8.0	.57	.50	.45	.57	.50	.45	.55	.49	.45	.54	.48	.44	.53	.48	.44	.42														
9.0	.53	.46	.41	.53	.46	.41	.51	.45	.41	.50	.45	.41	.49	.44	.40	.39														
10.0	.50	.43	.38	.49	.42	.38	.48	.42	.38	.47	.41	.37	.46	.41	.37	.36														



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: MEDIUM  
Temperature:25.3℃  
Operators:  
Test Date:11 July 2024

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:8.050m [K=1.0000]  
Remarks:

### WEC AND CCEC

Test:U:119.85V I:1.2374A P:147.76W PF:0.9964 Freq:60.01Hz		
UTHDi:0.67% ITHDi:3.98% KDisp:0.0000 Lamp Flux:20814.1x1 lm		
NAME: SS-UFO11-150/120/100W	TYPE: SS-UFO11-150/120/100W	WEIGHT: 01
SPEC.: 120~277V	DIM.: 0.28	SERIAL No.:
MFR.:	SUR.: 0.22	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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.229	.130	.041	.221	.126	.040	.207	.119	.038	.194	.112	.036	.182	.106	.034		
2.0	.220	.121	.037	.214	.118	.036	.202	.112	.035	.190	.107	.033	.180	.102	.032		
3.0	.209	.111	.033	.204	.109	.033	.193	.104	.032	.183	.100	.031	.174	.096	.030		
4.0	.198	.103	.030	.193	.101	.030	.183	.097	.029	.174	.094	.028	.166	.090	.028		
5.0	.187	.095	.028	.182	.094	.027	.174	.091	.027	.166	.088	.026	.159	.085	.025		
6.0	.177	.088	.025	.173	.087	.025	.165	.085	.025	.158	.082	.024	.151	.080	.024		
7.0	.167	.083	.023	.164	.081	.023	.157	.079	.023	.150	.077	.022	.144	.075	.022		
8.0	.158	.077	.022	.155	.076	.022	.149	.074	.021	.143	.073	.021	.138	.071	.021		
9.0	.150	.073	.020	.147	.072	.020	.142	.070	.020	.137	.069	.020	.132	.067	.019		
10.0	.143	.069	.019	.140	.068	.019	.135	.066	.019	.131	.065	.018	.126	.063	.018		

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						Ceiling Cavity Exitance Coefficients (CCEC)										
0.0	.208	.208	.208	.178	.178	.178	.121	.121	.121	.070	.070	.070	.022	.022	.022		
1.0	.192	.174	.158	.164	.150	.136	.112	.103	.094	.065	.060	.055	.021	.019	.018		
2.0	.180	.150	.124	.154	.129	.107	.106	.089	.075	.061	.052	.044	.020	.017	.014		
3.0	.170	.132	.101	.146	.114	.087	.100	.079	.061	.058	.046	.036	.019	.015	.012		
4.0	.162	.118	.084	.139	.102	.073	.096	.071	.051	.055	.041	.030	.018	.014	.010		
5.0	.154	.107	.071	.133	.092	.062	.091	.064	.044	.053	.038	.026	.017	.012	.009		
6.0	.148	.098	.062	.127	.085	.054	.088	.059	.038	.051	.035	.023	.016	.011	.008		
7.0	.141	.091	.055	.122	.079	.048	.084	.055	.034	.049	.033	.020	.016	.011	.007		
8.0	.136	.085	.050	.117	.074	.044	.081	.052	.031	.047	.031	.018	.015	.010	.006		
9.0	.130	.080	.046	.112	.069	.040	.078	.049	.028	.045	.029	.017	.015	.009	.006		
10.0	.125	.076	.043	.108	.066	.037	.075	.046	.026	.044	.027	.016	.014	.009	.005		

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: MEDIUM

Temperature:25.3℃

Operators:

Test Date:11 July 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458

Humidity:65.0%

Test Distance:8.050m [K=1.0000]

Remarks:

### UGR(Unified Glare Rating) Table

Test:U:119.85V I:1.2374A P:147.76W PF:0.9964 Freq:60.01Hz UTHDi:0.67% ITHDi:3.98% KDisp:0.0000 Lamp Flux:20814.1x1 lm										
NAME: SS-UFO11-150/120/100W					TYPE: SS-UFO11-150/120/100W			WEIGHT: 01		
SPEC.: 120~277V					DIM.: 0.28			SERIAL No.:		
MFR.:					SUR.: 0.22			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	19.9	21.1	20.1	21.3	21.5	19.6	20.8	19.8	21.0	21.2
3H	20.1	21.2	20.4	21.5	21.7	19.8	20.9	20.1	21.2	21.4
4H	20.2	21.2	20.5	21.5	21.8	19.9	20.9	20.2	21.2	21.5
6H	20.2	21.2	20.5	21.5	21.8	19.9	20.8	20.2	21.1	21.4
8H	20.2	21.1	20.5	21.4	21.7	19.8	20.8	20.2	21.1	21.4
12H	20.2	21.1	20.5	21.4	21.7	19.8	20.7	20.2	21.0	21.4
4H 2H	19.9	20.9	20.2	21.2	21.5	19.6	20.6	19.9	20.9	21.2
3H	20.2	21.1	20.6	21.4	21.8	19.9	20.8	20.3	21.2	21.5
4H	20.4	21.2	20.8	21.5	21.9	20.1	20.9	20.5	21.2	21.6
6H	20.4	21.1	20.9	21.5	21.9	20.1	20.9	20.6	21.2	21.6
8H	20.5	21.1	20.9	21.5	21.9	20.2	20.8	20.6	21.2	21.6
12H	20.5	21.1	20.9	21.5	21.9	20.1	20.7	20.6	21.2	21.6
8H 4H	20.3	21.0	20.8	21.4	21.8	20.1	20.7	20.5	21.1	21.5
6H	20.5	21.0	20.9	21.4	21.9	20.2	20.7	20.6	21.2	21.6
8H	20.5	21.0	21.0	21.4	21.9	20.2	20.7	20.7	21.2	21.6
12H	20.6	21.0	21.1	21.4	22.0	20.2	20.6	20.8	21.1	21.7
12H 4H	20.3	20.9	20.7	21.3	21.8	20.0	20.6	20.5	21.0	21.5
6H	20.4	20.9	20.9	21.4	21.9	20.2	20.6	20.6	21.1	21.6
8H	20.5	20.9	21.0	21.4	21.9	20.2	20.6	20.7	21.1	21.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.2 / - 1.7					+ 1.1 / - 1.7				
1.5H	+ 2.0 / - 1.3					+ 1.5 / - 1.1				
2.0H	+ 2.1 / - 1.7					+ 2.0 / - 1.6				

CIE Pub.117, 20814 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 10.5)  
Area: 0.37994 m2

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: MEDIUM

Temperature:25.3℃

Operators:

Test Date:11 July 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458

Humidity:65.0%

Test Distance:8.050m [K=1.0000]

Remarks:

## UTILIZATION FACTORS TABLE

Test:U:119.85V I:1.2374A P:147.76W PF:0.9964 Freq:60.01Hz UTHDi:0.67% ITHDi:3.98% KDisp:0.0000 Lamp Flux:20814.1x1 lm		
NAME: SS-UFO11-150/120/100W	TYPE: SS-UFO11-150/120/100W	WEIGHT: 01
SPEC.: 120~277V	DIM.: 0.28	SERIAL No.:
MFR.:	SUR.: 0.22	Shielding Angle:

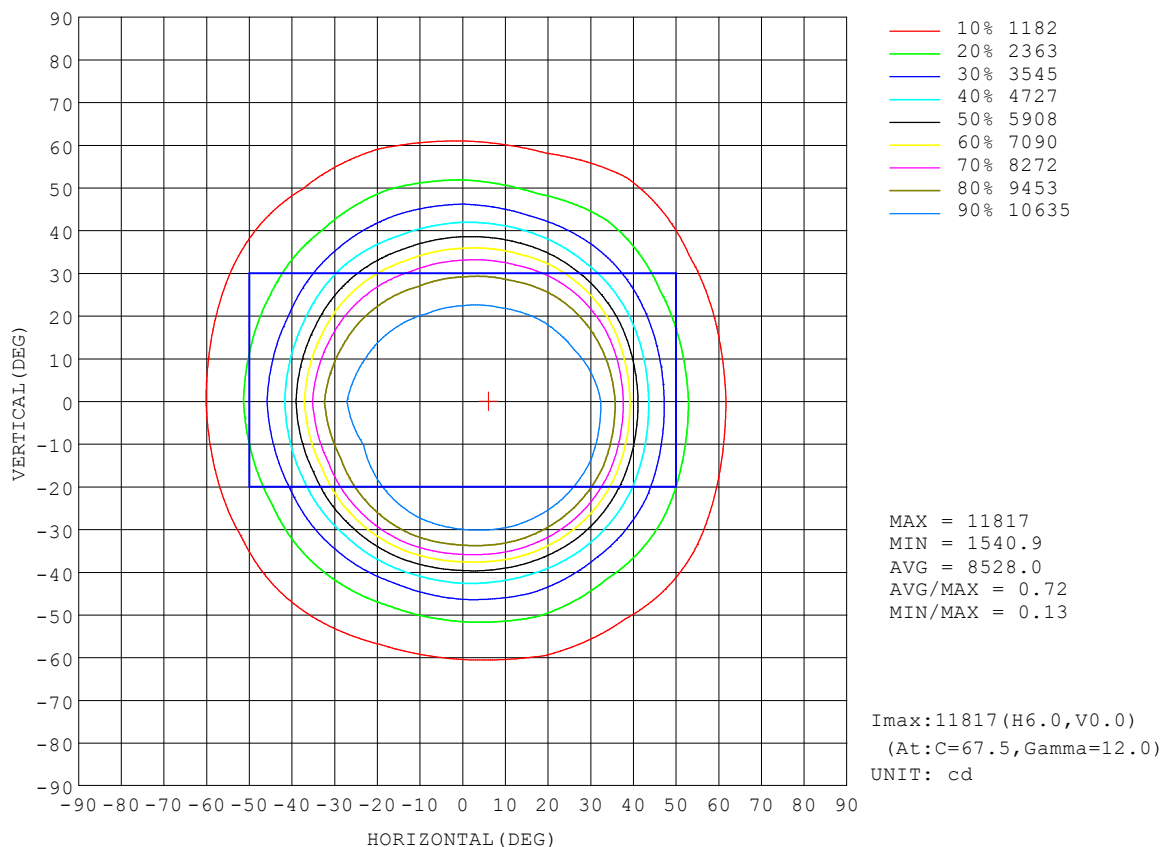
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	72	63	58	72	63	58	70	63	58	53
0.80	81	73	68	81	72	67	79	72	67	62
1.00	88	80	75	87	80	75	85	80	74	69
1.25	94	87	81	93	86	81	90	84	80	74
1.50	98	91	86	96	90	85	93	88	84	78
2.00	102	97	92	101	95	91	97	93	89	83
2.50	105	100	95	103	98	94	99	95	92	85
3.00	107	103	99	105	101	97	101	98	95	87
4.00	110	106	103	108	104	101	103	101	98	90
5.00	112	108	106	109	106	104	105	102	100	91
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:  
 Test Date: 11 July 2024

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
 Humidity: 65.0%  
 Test Distance: 8.050m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:119.85V I:1.2374A P:147.76W PF:0.9964 Freq:60.01Hz UTHDi:0.67% ITHDi:3.98% KDisp:0.0000 Lamp Flux:20814.1x1 lm		
NAME: SS-UFO11-150/120/100W	TYPE: SS-UFO11-150/120/100W	WEIGHT: 01
SPEC.: 120~277V	DIM.: 0.28	SERIAL No.:
MFR.:	SUR.: 0.22	Shielding Angle:



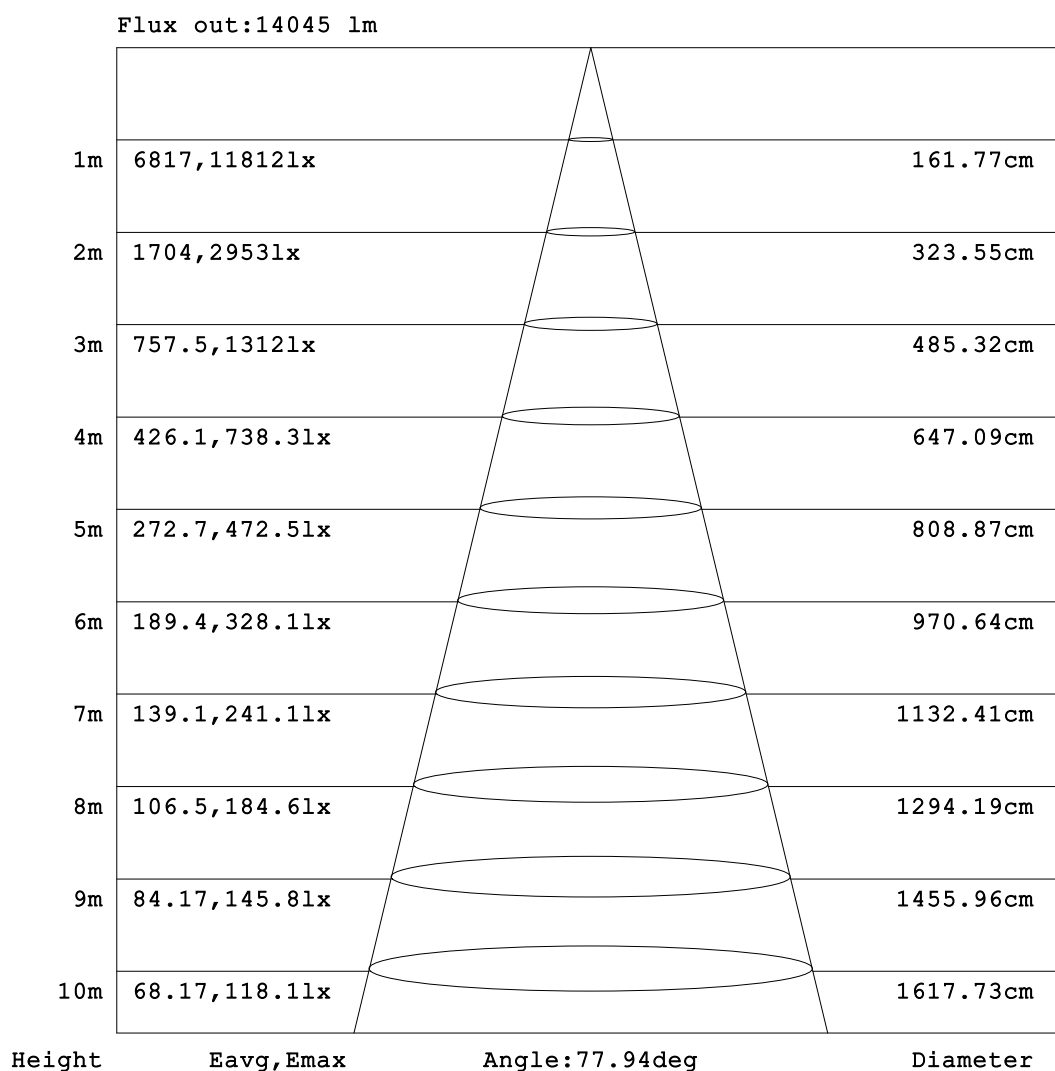
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: MEDIUM  
Temperature:25.3℃  
Operators:  
Test Date:11 July 2024

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:8.050m [K=1.0000]  
Remarks:



### AAI Figure

Test:U:119.85V I:1.2374A P:147.76W PF:0.9964 Freq:60.01Hz		
UTHDi:0.67% ITHDi:3.98% KDisp:0.0000 Lamp Flux:20814.1x1 lm		
NAME: SS-UFO11-150/120/100W	TYPE: SS-UFO11-150/120/100W	WEIGHT: 01
SPEC.: 120~277V	DIM.: 0.28	SERIAL No.:
MFR.:	SUR.: 0.22	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℃

Operators:

Test Date:11 July 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458

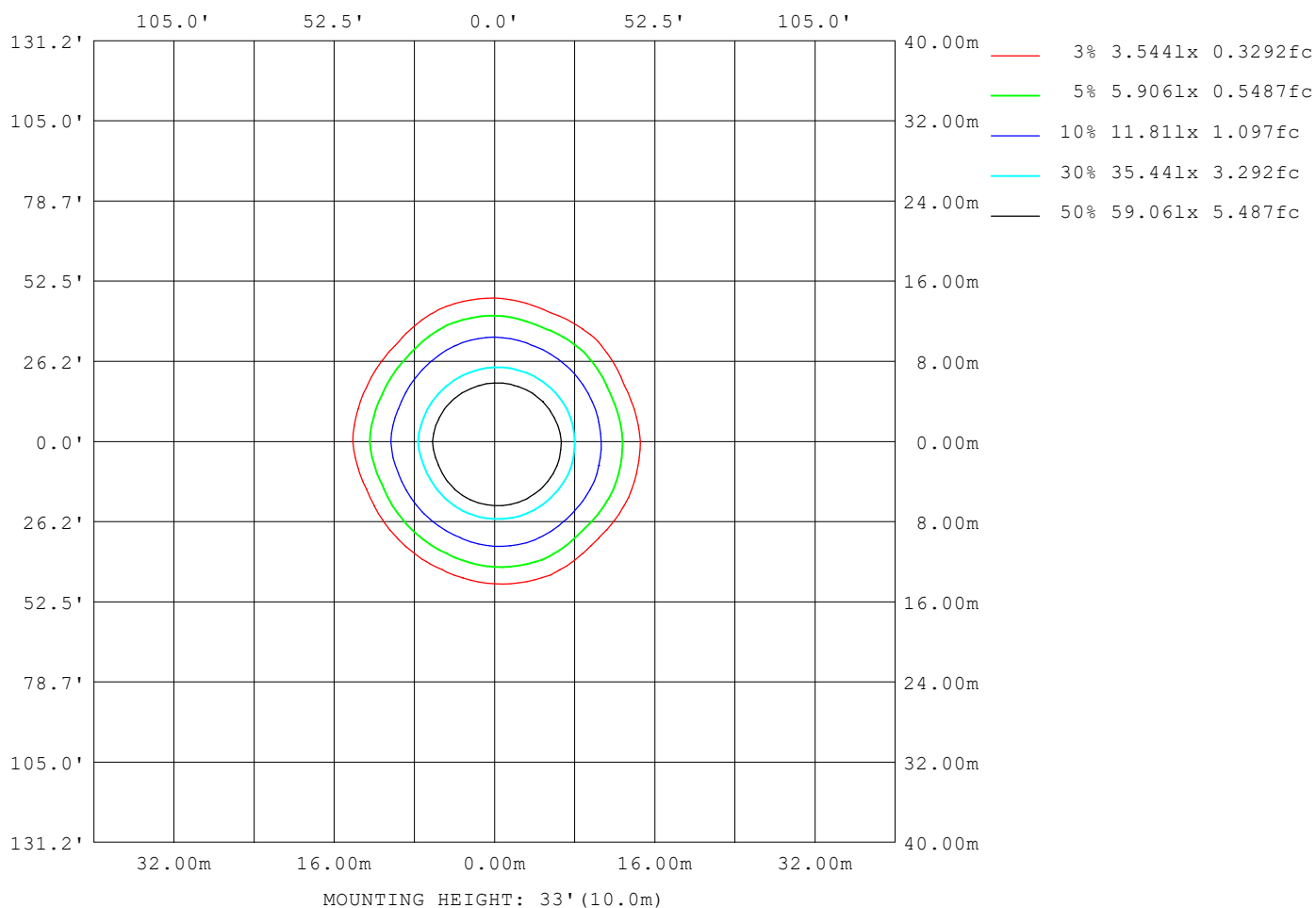
Humidity:65.0%

Test Distance:8.050m [K=1.0000]

Remarks:

### ISOLUX DIAGRAM

Test:U:119.85V I:1.2374A P:147.76W PF:0.9964 Freq:60.01Hz		
UTHDi:0.67% ITHDi:3.98% KDisp:0.0000 Lamp Flux:20814.1x1 lm		
NAME: SS-UFO11-150/120/100W	TYPE: SS-UFO11-150/120/100W	WEIGHT: 01
SPEC.: 120~277V	DIM.: 0.28	SERIAL No.:
MFR.:	SUR.: 0.22	Shielding Angle:



C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: MEDIUM

Temperature: 25.3°C

Operators:

Test Date: 11 July 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.458

Humidity: 65.0%

Test Distance: 8.050m [K=1.0000]

Remarks:

### LED Avg.L Report

Test:U:119.85V I:1.2374A P:147.76W PF:0.9964 Freq:60.01Hz UTHDi:0.67% ITHDi:3.98% KDisp:0.0000 Lamp Flux:20814.1x1 lm		
NAME: SS-UFO11-150/120/100W	TYPE: SS-UFO11-150/120/100W	WEIGHT: 01
SPEC.: 120~277V	DIM.: 0.28	SERIAL No.:
MFR.:	SUR.: 0.22	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	5090
L_0~180 (75) av	3228
L_0~180 (85) av	2466
L_90~270 (65) av	5124
L_90~270 (75) av	3292
L_90~270 (85) av	2400
L_45 (65) av	4839
L_45 (75) av	3215
L_45 (85) av	2426

Standard: GB/T 29293-2012

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: MEDIUM

Temperature:25.3℃

Operators:

Test Date:11 July 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

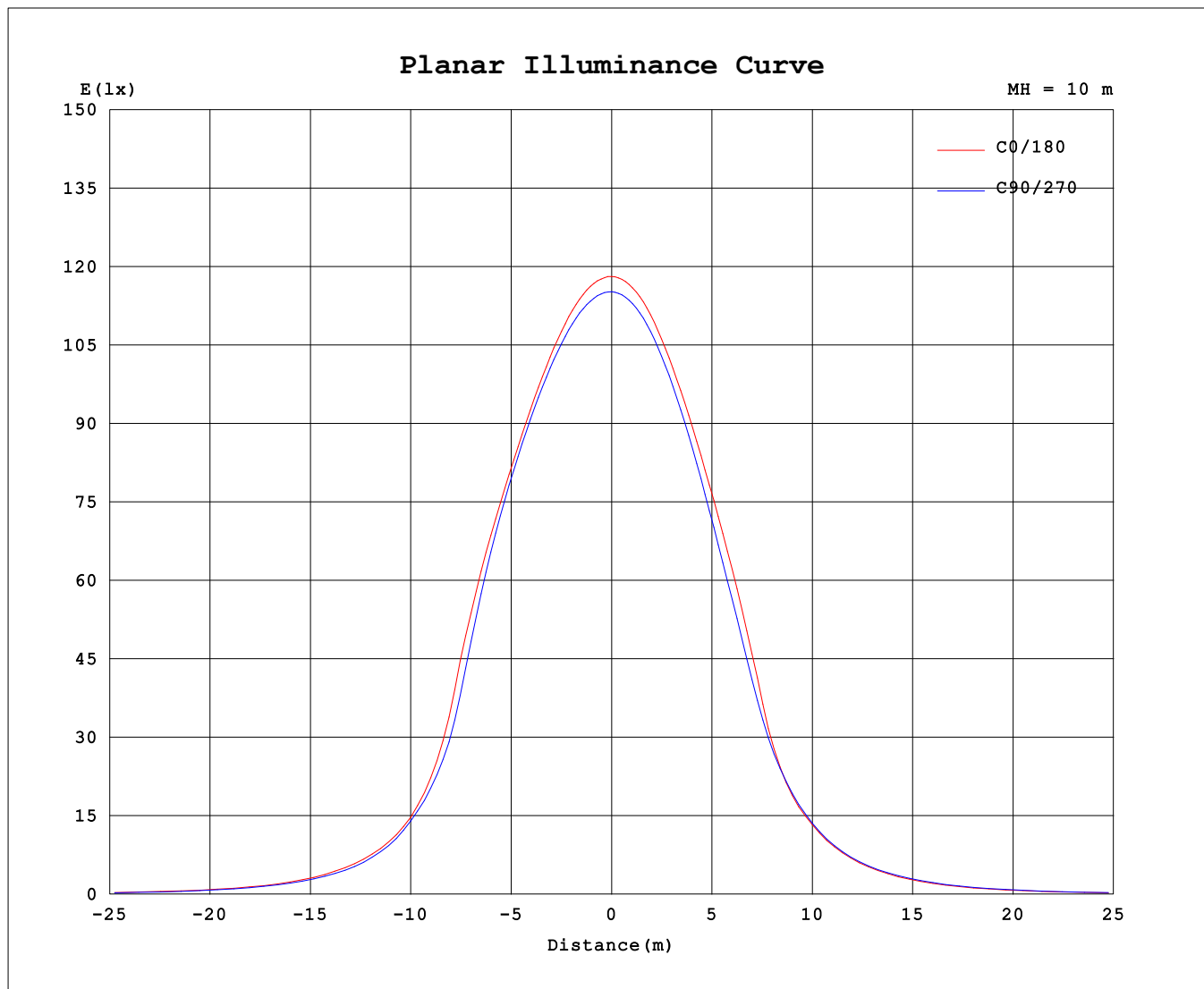
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458

Humidity:65.0%

Test Distance:8.050m [K=1.0000]

Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: MEDIUM

Temperature: 25.3 °C

Operators:

Test Date: 11 July 2024

 $\gamma$  Range: 0 - 180DEG $\gamma$  Interval: 1.0DEG

Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.458

Humidity: 65.0%

Test Distance: 8.050m [K=1.0000]

Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.85V I:1.2374A P:147.76W PF:0.9964 Freq:60.01Hz		
UTHDi:0.67% ITHDi:3.98% KDisp:0.0000 Lamp Flux:20814.1x1 lm		
NAME: SS-UFO11-150/120/100W	TYPE: SS-UFO11-150/120/100W	WEIGHT: 01
SPEC.: 120~277V	DIM.: 0.28	SERIAL No.:
MFR.:	SUR.: 0.22	Shielding Angle:

Table--1

UNIT: X10cd

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	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157			
5	1158	1158	1158	1158	1158	1158	1157	1157	1155	1154	1154	1154	1154	1155	1156	1157			
10	1157	1159	1158	1159	1159	1158	1156	1153	1150	1146	1144	1143	1146	1149	1153	1156			
15	1153	1157	1158	1159	1157	1155	1149	1142	1135	1128	1125	1123	1127	1134	1143	1151			
20	1145	1152	1154	1154	1150	1144	1134	1121	1110	1099	1092	1086	1093	1105	1124	1138			
25	1126	1138	1139	1137	1129	1119	1101	1082	1068	1048	1034	1022	1032	1054	1087	1113			
30	1083	1102	1099	1090	1068	1051	1022	996	990	955	930	911	928	959	1015	1060			
35	959	975	958	932	884	864	820	796	820	768	739	720	750	792	864	932			
40	641	651	637	608	576	552	514	519	531	505	512	510	538	557	580	631			
45	409	426	410	411	399	356	344	346	369	340	350	372	387	377	389	412			
50	285	292	266	289	269	242	234	230	257	236	236	266	270	255	278	272			
55	199	197	179	196	184	165	159	155	176	166	161	188	190	175	194	181			
60	133	131	120	133	124	110	107	104	117	114	110	129	129	121	133	122			
65	87.0	85.6	79.3	87.2	80.1	73.3	69.9	68.6	76.4	75.4	72.8	85.0	84.5	79.9	88.8	80.5			
70	56.5	55.1	52.7	56.6	52.2	48.8	45.3	45.0	49.9	48.6	48.2	55.9	55.5	52.1	58.5	53.4			
75	33.4	33.8	32.2	33.6	31.1	29.1	27.0	26.5	30.1	29.4	30.6	34.1	33.6	32.6	36.8	33.3			
80	18.3	18.6	17.7	18.0	16.7	15.8	15.4	14.6	16.4	16.2	16.9	18.3	18.6	18.1	20.1	19.2			
85	8.76	8.65	7.94	7.78	6.86	6.72	6.19	6.08	7.58	7.57	7.90	8.37	9.04	9.02	10.11	10.00			
90	3.82	3.82	3.82	3.84	3.85	3.87	3.88	3.91	3.84	3.83	3.80	3.76	3.73	3.73	3.76	3.78			
95	4.18	4.16	4.15	4.17	4.19	4.22	4.27	4.31	4.12	4.13	4.11	4.07	4.01	3.96	3.94	3.93			
100	4.63	4.60	4.58	4.59	4.63	4.68	4.76	4.82	4.56	4.60	4.60	4.56	4.47	4.39	4.31	4.25			
105	5.16	5.13	5.09	5.11	5.15	5.22	5.32	5.40	5.15	5.21	5.21	5.17	5.07	4.96	4.85	4.77			
110	5.74	5.70	5.67	5.68	5.73	5.81	5.93	6.02	5.85	5.91	5.91	5.87	5.77	5.65	5.52	5.41			
115	6.36	6.31	6.29	6.30	6.36	6.44	6.57	6.67	6.60	6.67	6.67	6.63	6.52	6.40	6.26	6.14			
120	7.01	6.96	6.94	6.94	7.01	7.11	7.21	7.32	7.40	7.45	7.47	7.41	7.30	7.18	7.03	6.91			
125	7.68	7.64	7.60	7.61	7.68	7.78	7.89	8.01	8.18	8.23	8.24	8.19	8.08	7.96	7.80	7.68			
130	8.37	8.33	8.30	8.31	8.38	8.48	8.58	8.71	8.96	9.00	9.03	8.96	8.86	8.73	8.59	8.47			
135	9.08	9.05	9.01	9.03	9.10	9.19	9.29	9.41	9.74	9.76	9.80	9.72	9.62	9.50	9.37	9.25			
140	9.74	9.72	9.68	9.70	9.75	9.83	9.91	10.02	10.4	10.4	10.4	10.4	10.3	10.2	10.08	9.97			
145	10.3	10.3	10.3	10.3	10.3	10.4	10.5	10.5	11.0	10.9	11.0	10.9	10.8	10.7	10.6	10.5			
150	10.8	10.9	10.8	10.9	10.9	10.9	10.9	11.0	11.4	11.4	11.4	11.3	11.3	11.2	11.1	11.0			
155	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.9	11.8	11.8	11.7	11.6	11.6	11.5	11.5			
160	11.9	11.9	11.9	11.9	11.9	11.9	11.8	11.9	12.3	12.2	12.2	12.0	12.0	11.9	11.9	11.9			
165	12.4	12.5	12.4	12.4	12.4	12.4	12.3	12.4	12.7	12.6	12.6	12.5	12.4	12.3	12.3	12.3			
170	12.9	13.0	12.9	12.9	12.8	12.8	12.8	12.8	13.1	13.0	13.0	12.9	12.8	12.7	12.7	12.7			
175	13.3	13.3	13.2	13.2	13.1	13.1	13.1	13.1	13.4	13.3	13.3	13.2	13.1	13.1	13.1	13.0			
180	13.4	13.5	13.4	13.4	13.3	13.3	13.2	13.2	13.6	13.4	13.5	13.3	13.3	13.2	13.2	13.2			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: MEDIUM

Temperature:25.3℃

Operators:

Test Date:11 July 2024

γ Range: 0 - 180DEG

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Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458

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