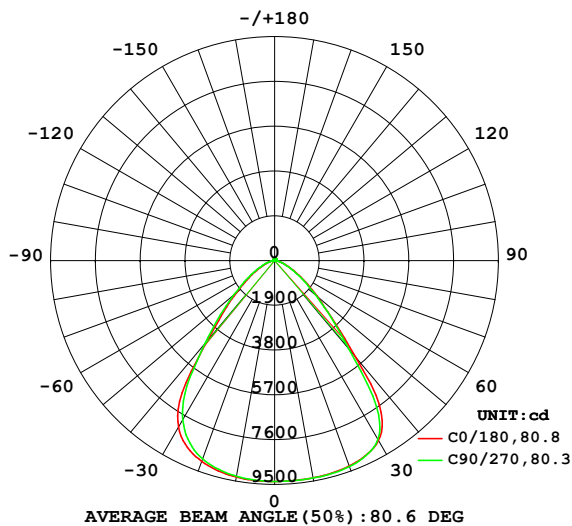


LUMINAIRE PHOTOMETRIC TEST REPORT

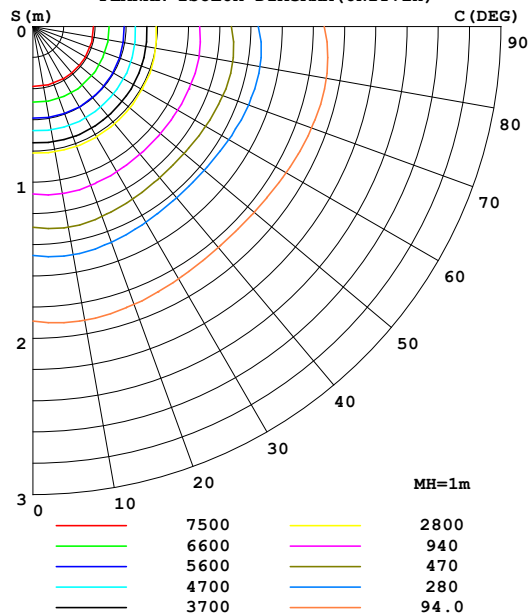
Test:U:119.91V I:0.9749A P:116.19W PF:0.9939 Freq:60.01Hz UTHDi:0.61% ITHDi:4.85% KDisp:0.0000 Lamp Flux:17249.4x1 lm		
NAME: SS-UFO11-150/120/100W	TYPE: SS-UFO11-150/120/100W	WEIGHT: 01
SPEC.: 120~277V	DIM.: 0.28	SERIAL No.:
MFR.:	SUR.: 0.22	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 148.46 lm/W			
MODEL	SS-UFO11-150/120/100W	I _{max} (cd)	9372	S/MH(C0/180)	1.14
NOMINAL POWER(W)	120	LOR(%)	100.0	S/MH(C90/270)	1.14
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	17249	η UP,DN(C0-180)	1.1,50.0
NOMINAL FLUX(lm)	17249.4	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.1,47.7
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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	9360	9366	9368	9355	9328	9291	9294	9335	0- 10	892.9	892.9	5.18,5.18
20	9271	9319	9298	9183	9061	8935	8948	9135	10- 20	2622	3515	20.4,20.4
30	8818	8936	8763	8447	8161	7761	7793	8413	20- 30	4085	7601	44.1,44.1
40	5370	5437	4926	4478	4442	4324	4587	5063	30- 40	4330	11931	69.2,69.2
50	2357	2240	2274	1989	2121	1950	2251	2344	40- 50	2539	14470	83.9,83.9
60	1094	997.4	1034	896.4	960.6	901.3	1065	1124	50- 60	1364	15834	91.8,91.8
70	462.0	430.6	428.7	371.6	403.2	388.8	451.2	482.0	60- 70	669.6	16504	95.7,95.7
80	145.4	142.3	133.0	121.4	128.9	131.6	145.6	159.8	70- 80	276.7	16780	97.3,97.3
90	31.43	31.53	32.02	32.52	31.71	31.69	31.39	31.76	80- 90	77.04	16857	97.7,97.7
100	38.24	38.05	38.74	40.02	37.47	38.12	37.44	36.33	90-100	37.75	16895	97.9,97.9
110	47.45	47.15	47.96	49.72	47.93	48.74	47.91	46.15	100-110	45.23	16940	98.2,98.2
120	57.81	57.60	58.42	60.25	60.47	61.36	60.37	58.47	110-120	53.07	16993	98.5,98.5
130	68.99	68.67	69.58	71.37	73.19	74.11	73.05	71.18	120-130	58.45	17052	98.9,98.9
140	80.07	79.85	80.67	82.13	85.01	85.64	84.76	83.32	130-140	59.64	17112	99.2,99.2
150	89.03	89.19	89.70	90.57	93.53	93.53	92.81	91.76	140-150	54.65	17166	99.5,99.5
160	97.53	98.09	98.21	98.46	100.7	100.3	99.26	98.74	150-160	43.87	17210	99.8,99.8
170	106.2	106.6	106.4	106.6	107.5	107.4	106.4	106.1	160-170	29.06	17239	99.9,99.9
180	111.0	111.2	110.5	110.3	110.7	111.1	110.4	110.2	170-180	10.35	17249	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 13394 lm

%lum = 77.6%

%lamp = 77.6%

Conical surface Flux(130deg): 16233 lm

%lum = 94.1%

%lamp = 94.1%

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

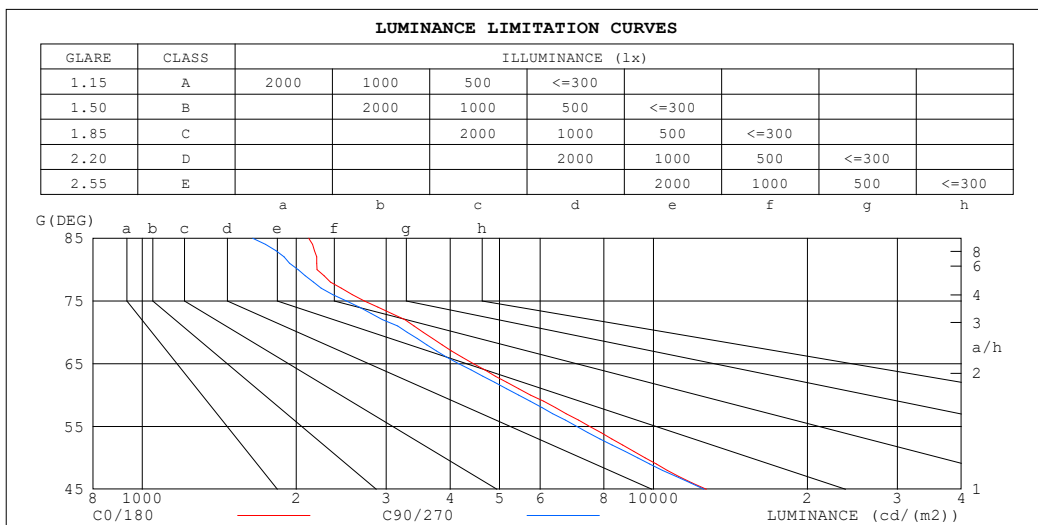
Humidity:65.0%

Test Distance:8.050m [K=1.0000]

Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.91V I:0.9749A P:116.19W PF:0.9939 Freq:60.01Hz UTHDi:0.61% ITHDi:4.85% KDisp:0.0000 Lamp Flux:17249.4x1 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:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2115	1643
80	2197	2018
75	2721	2509
70	3546	3301
65	4449	4160
60	5745	5448
55	7507	7084
50	9624	9317
45	12683	12555

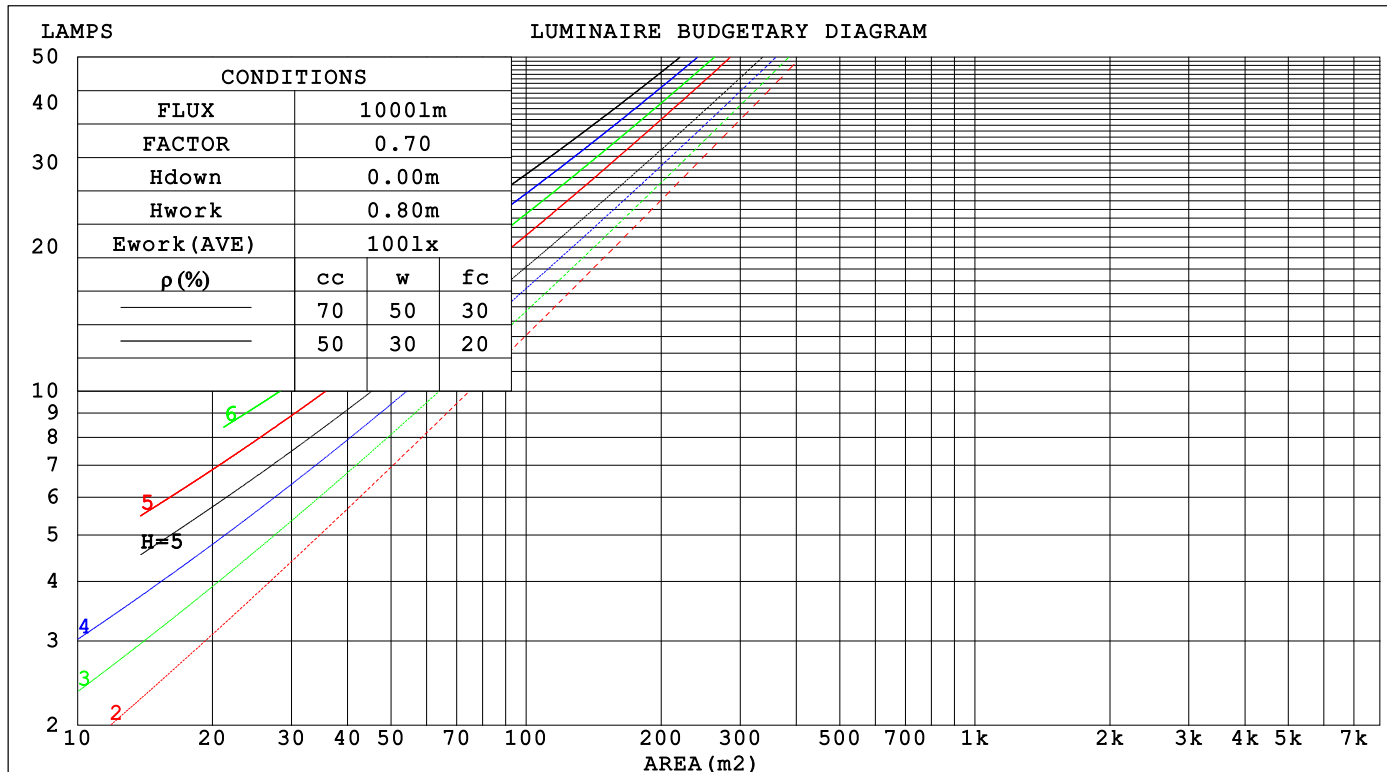
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 25.3°C
Operators:
Test Date: 11 July 2024

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:119.91V I:0.9749A P:116.19W PF:0.9939 Freq:60.01Hz		
UTHDi:0.61% ITHDi:4.85% KDisp:0.0000 Lamp Flux:17249.4x1 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
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	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	1.01	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	.83	.78	.74	.81	.76	.73	.78	.74	.71	.69
4.0	.80	.73	.68	.79	.72	.67	.76	.71	.66	.74	.69	.65	.72	.67	.64	.62
5.0	.73	.66	.61	.72	.65	.60	.70	.64	.59	.68	.63	.59	.66	.61	.58	.56
6.0	.67	.60	.54	.66	.59	.54	.64	.58	.54	.63	.57	.53	.61	.56	.52	.51
7.0	.62	.54	.49	.61	.54	.49	.59	.53	.49	.58	.52	.48	.56	.51	.48	.46
8.0	.57	.50	.45	.56	.49	.45	.55	.49	.44	.54	.48	.44	.52	.47	.44	.42
9.0	.53	.46	.41	.52	.46	.41	.51	.45	.41	.50	.44	.40	.49	.44	.40	.38
10.0	.49	.42	.38	.49	.42	.38	.48	.42	.37	.47	.41	.37	.46	.41	.37	.35



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:119.91V I:0.9749A P:116.19W PF:0.9939 Freq:60.01Hz		
UTHDi:0.61% ITHDi:4.85% KDisp:0.0000 Lamp Flux:17249.4x1 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	.221	.121	.037	.214	.118	.036	.202	.112	.035	.191	.107	.034	.180	.102	.032		
3.0	.210	.112	.033	.204	.109	.033	.193	.105	.032	.183	.101	.031	.174	.096	.030		
4.0	.198	.103	.030	.193	.101	.030	.184	.098	.029	.175	.094	.028	.167	.091	.028		
5.0	.187	.096	.028	.183	.094	.027	.175	.091	.027	.167	.088	.026	.159	.085	.026		
6.0	.177	.089	.025	.173	.087	.025	.166	.085	.025	.159	.082	.024	.152	.080	.024		
7.0	.168	.083	.024	.164	.082	.023	.157	.080	.023	.151	.077	.023	.145	.075	.022		
8.0	.159	.078	.022	.156	.077	.022	.150	.075	.021	.144	.073	.021	.138	.071	.021		
9.0	.151	.073	.020	.148	.072	.020	.142	.070	.020	.137	.069	.020	.132	.067	.019		
10.0	.144	.069	.019	.141	.068	.019	.136	.067	.019	.131	.065	.019	.127	.064	.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	.171	.132	.100	.146	.113	.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	.155	.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	.142	.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	.131	.080	.046	.113	.069	.040	.078	.049	.028	.045	.029	.017	.015	.009	.006		
10.0	.126	.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:119.91V I:0.9749A P:116.19W PF:0.9939 Freq:60.01Hz UTHDi:0.61% ITHDi:4.85% KDisp:0.0000 Lamp Flux:17249.4x1 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	19.1	20.4	19.4	20.6	20.8	19.0	20.2	19.3	20.4	20.7
3H	19.4	20.5	19.7	20.7	21.0	19.2	20.3	19.5	20.6	20.9
4H	19.4	20.5	19.8	20.8	21.0	19.3	20.3	19.6	20.6	20.9
6H	19.4	20.4	19.8	20.7	21.0	19.3	20.2	19.6	20.5	20.9
8H	19.4	20.4	19.8	20.7	21.0	19.3	20.2	19.6	20.5	20.8
12H	19.4	20.3	19.8	20.6	21.0	19.2	20.1	19.6	20.4	20.8
4H 2H	19.1	20.2	19.5	20.5	20.7	19.0	20.1	19.3	20.3	20.6
3H	19.5	20.4	19.9	20.7	21.0	19.4	20.3	19.7	20.6	20.9
4H	19.6	20.4	20.0	20.8	21.1	19.5	20.3	19.9	20.6	21.0
6H	19.7	20.4	20.1	20.8	21.2	19.5	20.2	19.9	20.6	21.0
8H	19.7	20.3	20.1	20.7	21.2	19.5	20.2	20.0	20.6	21.0
12H	19.7	20.3	20.1	20.7	21.2	19.5	20.1	20.0	20.5	21.0
8H 4H	19.6	20.2	20.0	20.6	21.1	19.4	20.1	19.9	20.5	20.9
6H	19.7	20.2	20.2	20.7	21.1	19.5	20.1	20.0	20.5	21.0
8H	19.7	20.2	20.2	20.7	21.2	19.6	20.1	20.1	20.5	21.0
12H	19.8	20.2	20.3	20.7	21.2	19.6	20.0	20.1	20.5	21.0
12H 4H	19.5	20.1	20.0	20.6	21.0	19.4	20.0	19.9	20.4	20.9
6H	19.7	20.1	20.1	20.6	21.1	19.5	20.0	20.0	20.5	21.0
8H	19.7	20.1	20.2	20.6	21.1	19.6	20.0	20.1	20.5	21.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.2 / - 1.8					+ 1.2 / - 1.8				
1.5H	+ 1.9 / - 1.3					+ 1.6 / - 1.2				
2.0H	+ 2.1 / - 1.8					+ 2.1 / - 1.7				

CIE Pub.117, 17249 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 9.9$)
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:119.91V I:0.9749A P:116.19W PF:0.9939 Freq:60.01Hz		
UTHDi:0.61% ITHDi:4.85% KDisp:0.0000 Lamp Flux:17249.4x1 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:

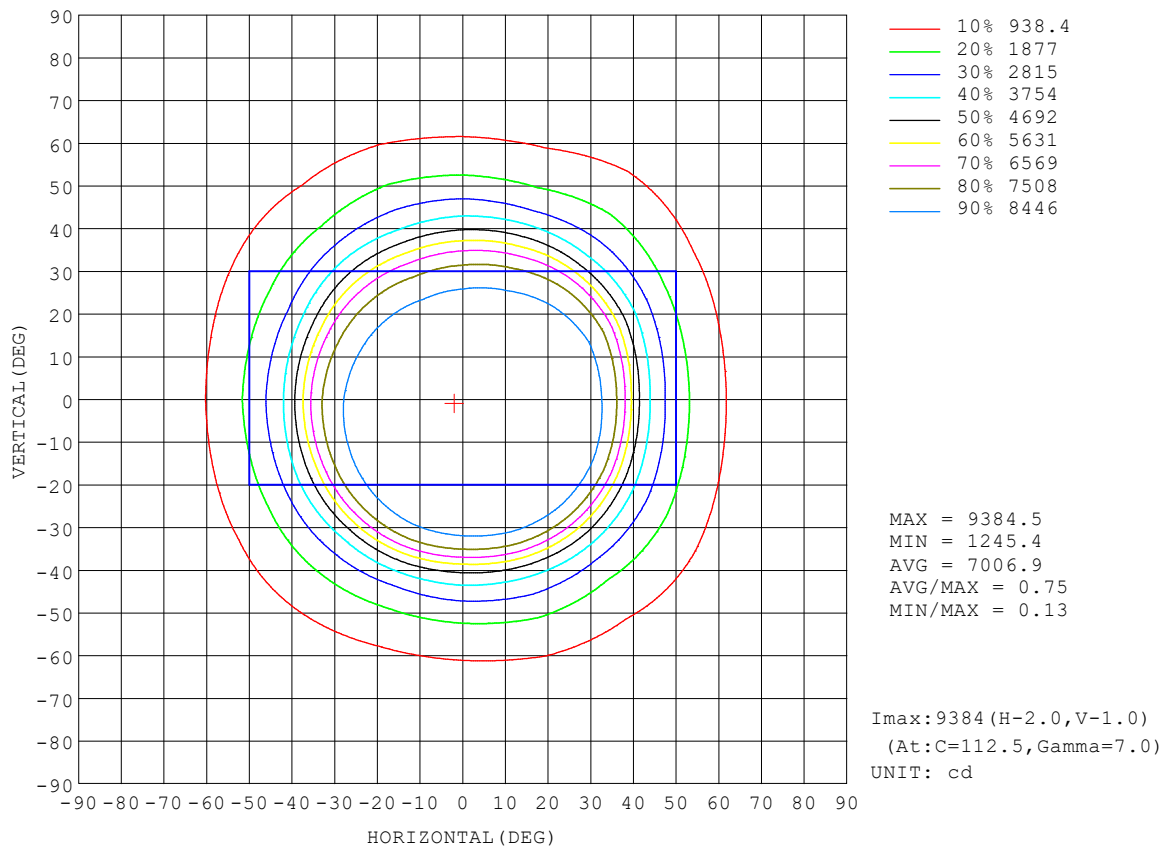
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	72	63	58	71	63	58	70	62	58	52
0.80	81	73	67	80	72	67	79	71	67	61
1.00	88	80	75	87	80	75	85	80	74	68
1.25	94	86	81	93	86	81	90	84	80	74
1.50	98	91	86	96	90	85	93	88	84	78
2.00	102	96	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:119.91V I:0.9749A P:116.19W PF:0.9939 Freq:60.01Hz		
UTHDi:0.61% ITHDi:4.85% KDisp:0.0000 Lamp Flux:17249.4x1 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:

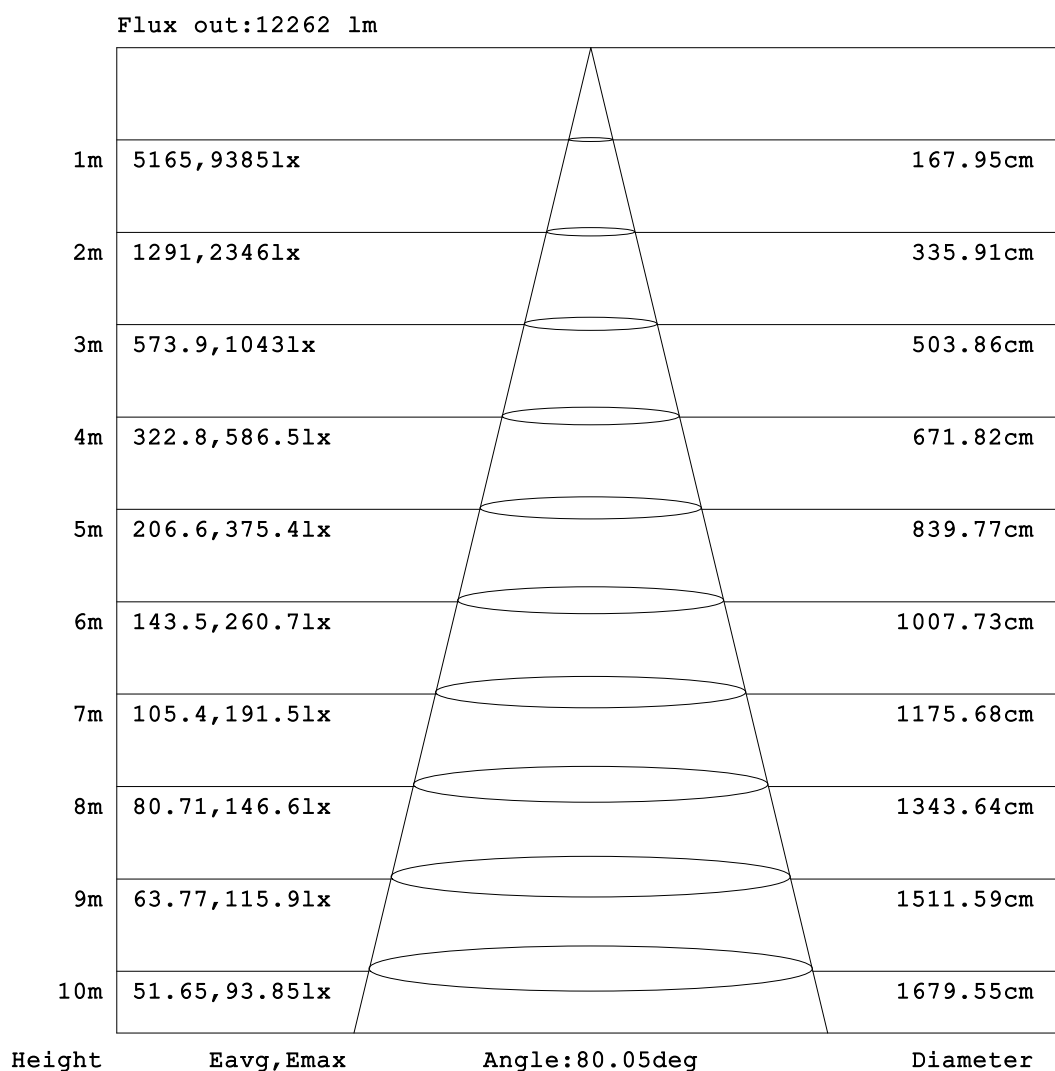


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:11 July 2024

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:119.91V I:0.9749A P:116.19W PF:0.9939 Freq:60.01Hz		
UTHDi:0.61% ITHDi:4.85% KDisp:0.0000 Lamp Flux:17249.4x1 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

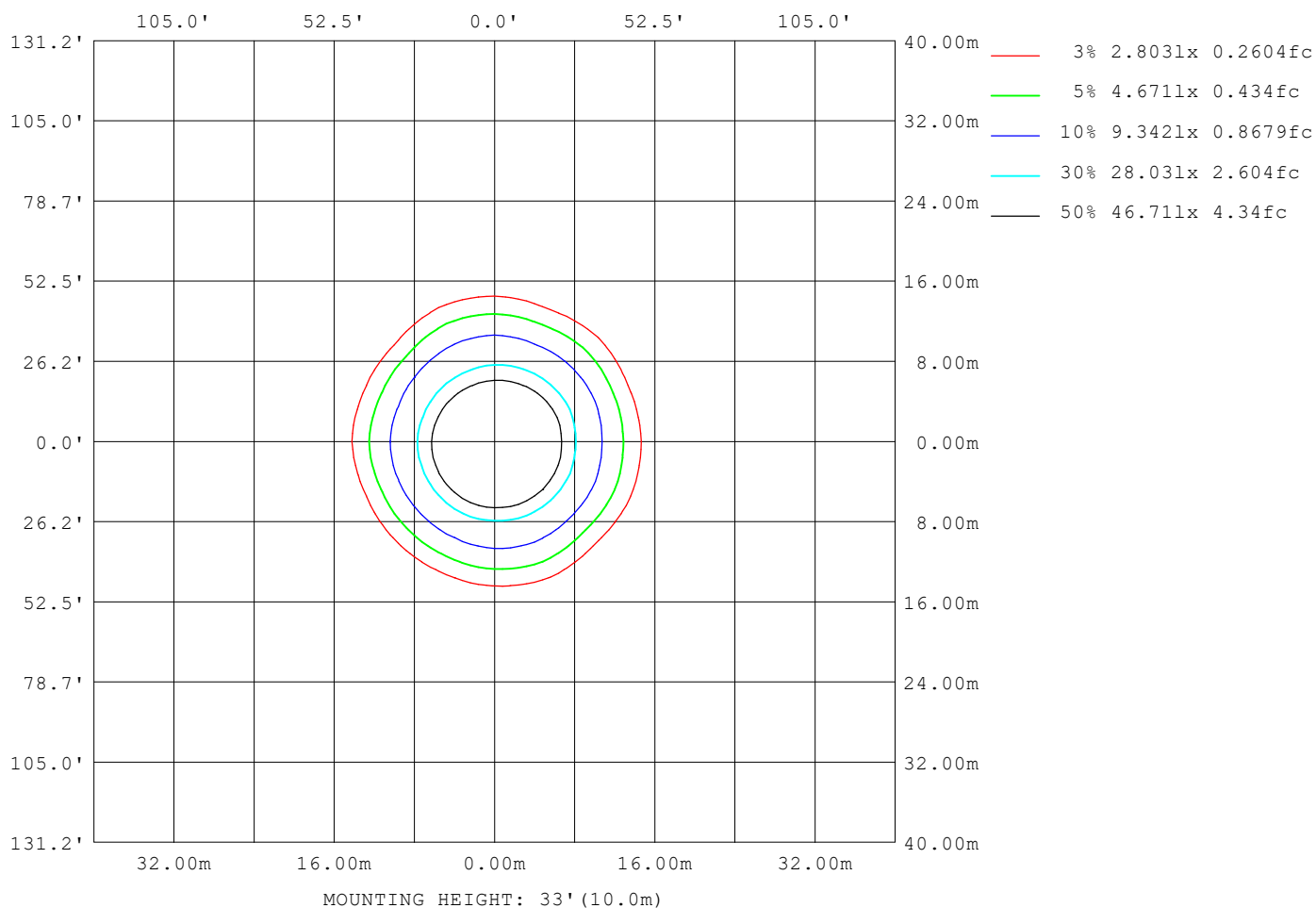
Humidity:65.0%

Test Distance:8.050m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:119.91V I:0.9749A P:116.19W PF:0.9939 Freq:60.01Hz		
UTHDi:0.61% ITHDi:4.85% KDisp:0.0000 Lamp Flux:17249.4x1 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:119.91V I:0.9749A P:116.19W PF:0.9939 Freq:60.01Hz UTHDi:0.61% ITHDi:4.85% KDisp:0.0000 Lamp Flux:17249.4x1 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	4182
L_0~180 (75) av	2571
L_0~180 (85) av	1962
L_90~270 (65) av	4242
L_90~270 (75) av	2618
L_90~270 (85) av	1903
L_45 (65) av	4007
L_45 (75) av	2565
L_45 (85) av	1935

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

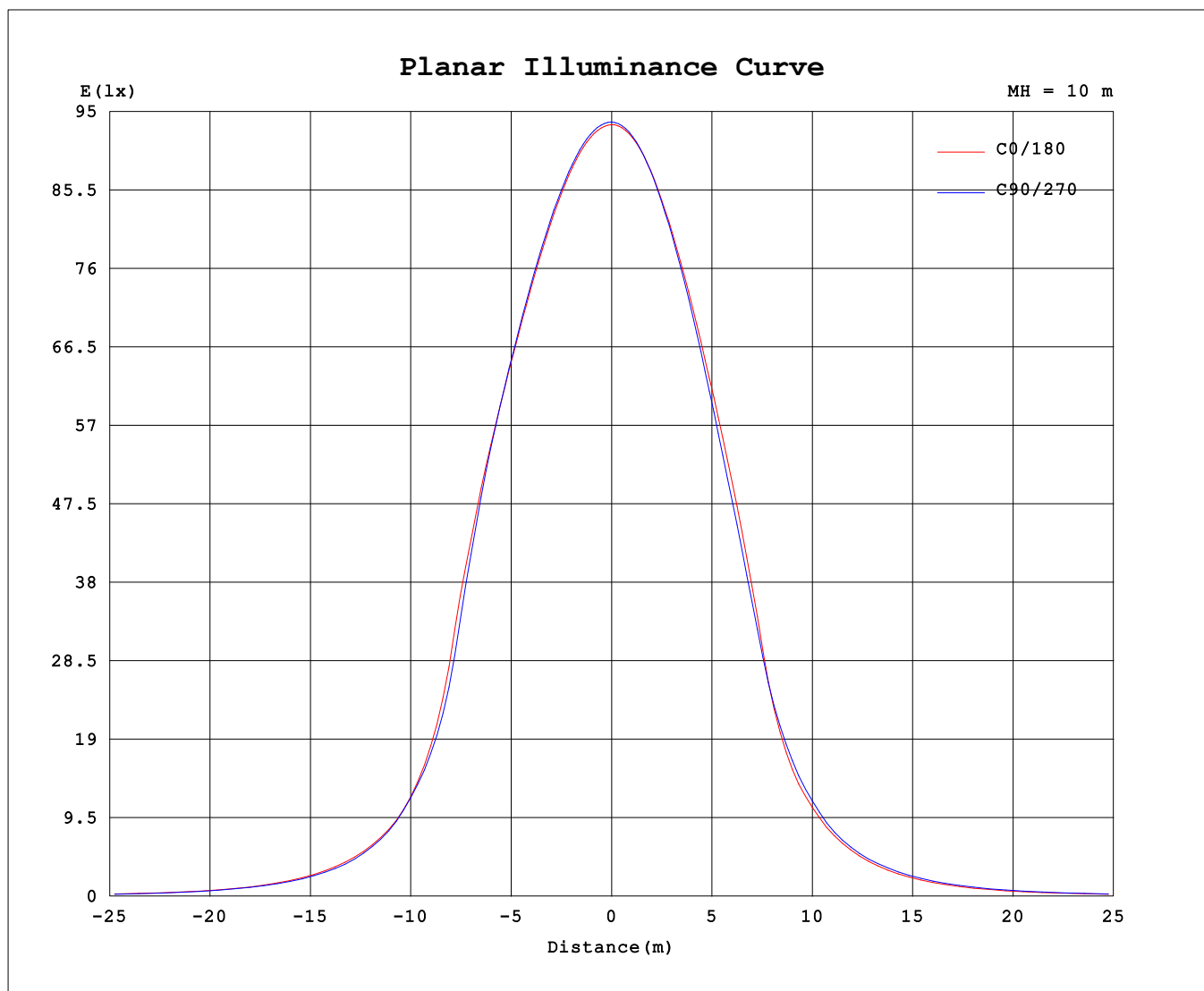
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458

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

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.91V I:0.9749A P:116.19W PF:0.9939 Freq:60.01Hz		
UTHDi:0.61% ITHDi:4.85% KDisp:0.0000 Lamp Flux:17249.4x1 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: 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	9367	9367	9367	9367	9367	9367	9367	9367	9367	9367	9367	9367	9367	9367	9367	9367			
5	9365	9364	9364	9367	9370	9371	9368	9364	9362	9356	9352	9347	9352	9355	9359	9364			
10	9360	9364	9366	9369	9368	9367	9355	9336	9328	9305	9291	9283	9294	9313	9335	9355			
15	9336	9351	9357	9360	9355	9334	9299	9255	9234	9188	9160	9147	9170	9214	9269	9316			
20	9271	9308	9319	9319	9298	9253	9183	9103	9061	8985	8935	8903	8948	9028	9135	9222			
25	9133	9200	9210	9200	9148	9076	8954	8827	8750	8615	8522	8455	8535	8685	8893	9052			
30	8818	8933	8936	8884	8763	8649	8447	8262	8161	7923	7761	7656	7793	8040	8413	8705			
35	7887	8050	7995	7845	7540	7410	7119	6929	6852	6494	6309	6209	6485	6826	7375	7854			
40	5370	5536	5437	5232	4926	4775	4478	4476	4442	4265	4324	4331	4587	4773	5063	5556			
45	3417	3557	3457	3458	3371	3070	2939	2980	3056	2835	2943	3116	3268	3206	3311	3567			
50	2357	2431	2240	2409	2274	2055	1989	1978	2121	1955	1950	2206	2251	2150	2344	2348			
55	1640	1651	1495	1644	1543	1400	1352	1318	1453	1355	1323	1564	1574	1467	1644	1554			
60	1094	1093	997	1111	1034	930	896	878	961	926	901	1066	1065	999	1124	1024			
65	716	709	654	723	668	614	583	573	627	608	595	699	695	660	743	680			
70	462	452	431	465	429	402	372	370	403	389	389	454	451	426	482	443			
75	268	273	257	270	247	230	215	209	237	230	238	268	268	259	299	270			
80	145	149	142	143	133	126	121	116	129	127	132	143	146	144	160	153			
85	70.2	69.5	63.6	62.0	54.4	53.7	49.4	48.6	59.7	59.7	62.4	66.2	71.7	72.2	81.0	80.2			
90	31.4	31.3	31.5	31.6	32.0	32.2	32.5	32.8	31.7	31.9	31.7	31.6	31.4	31.5	31.8	31.9			
95	34.4	34.3	34.4	34.5	35.0	35.3	35.9	36.3	34.0	34.4	34.3	34.2	33.8	33.6	33.4	33.4			
100	38.2	38.0	38.1	38.2	38.7	39.2	40.0	40.5	37.5	38.1	38.1	38.1	37.4	37.0	36.3	36.0			
105	42.7	42.3	42.4	42.5	43.1	43.7	44.7	45.3	42.3	43.1	43.1	43.1	42.2	41.6	40.7	40.2			
110	47.5	47.0	47.1	47.2	48.0	48.6	49.7	50.4	47.9	48.8	48.7	48.7	47.9	47.1	46.2	45.5			
115	52.5	52.0	52.2	52.3	53.1	53.7	55.0	55.6	54.0	54.9	54.9	54.9	54.0	53.2	52.2	51.4			
120	57.8	57.3	57.6	57.5	58.4	59.2	60.3	61.0	60.5	61.3	61.4	61.2	60.4	59.6	58.5	57.6			
125	63.3	62.8	63.0	63.0	63.9	64.7	65.7	66.6	66.8	67.7	67.7	67.6	66.7	66.0	64.8	64.0			
130	69.0	68.4	68.7	68.6	69.6	70.3	71.4	72.3	73.2	74.0	74.1	73.8	73.0	72.3	71.2	70.4			
135	74.7	74.2	74.5	74.5	75.4	76.0	77.1	78.0	79.5	80.2	80.3	80.1	79.3	78.6	77.5	76.8			
140	80.1	79.7	79.9	79.9	80.7	81.2	82.1	82.9	85.0	85.6	85.6	85.5	84.8	84.2	83.3	82.7			
145	84.7	84.4	84.7	84.7	85.4	85.9	86.6	87.2	89.6	90.0	90.0	89.8	89.2	88.7	87.9	87.4			
150	89.0	88.8	89.2	89.3	89.7	90.1	90.6	91.0	93.5	93.8	93.5	93.4	92.8	92.4	91.8	91.4			
155	93.1	93.1	93.6	93.6	93.9	94.0	94.3	94.5	97.0	97.2	96.7	96.4	96.0	95.7	95.2	95.1			
160	97.5	97.6	98.1	98.0	98.2	98.1	98.5	98.8	101	101	100	99.8	99.3	99.2	98.7	98.8			
165	102	102	103	102	103	103	103	103	104	105	104	104	103	103	103	103			
170	106	106	107	106	106	106	107	107	107	108	107	107	106	106	106	106			
175	109	109	110	109	109	109	109	110	110	110	110	110	109	109	109	109			
180	111	111	111	111	111	110	110	110	111	111	111	111	110	110	110	110			

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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Humidity:65.0%

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Remarks: