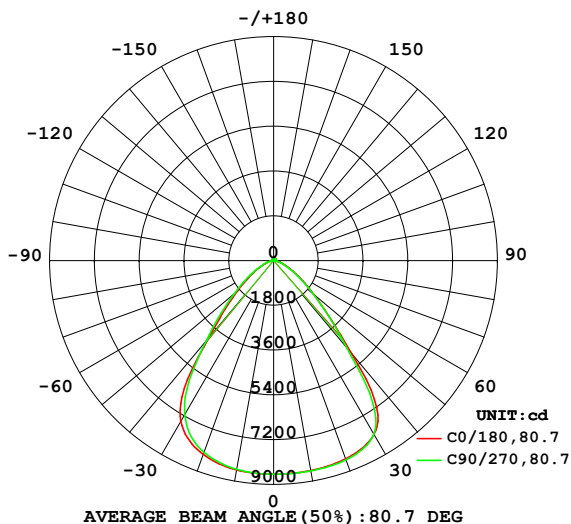


LUMINAIRE PHOTOMETRIC TEST REPORT

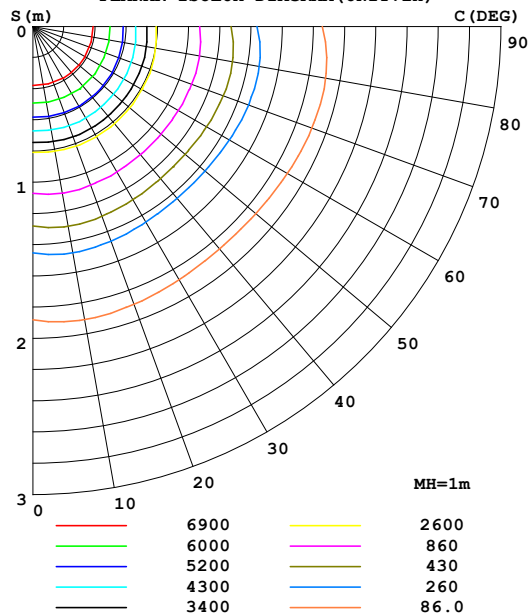
Test:U:119.92V I:0.7539A P:89.369W PF:0.9884 Freq:60.01Hz UTHDi:0.63% ITHDi:5.59% KDisp:0.0000 Lamp Flux:15793.3x1 lm		
NAME: SS-UFO11-150/120/100W	TYPE: SS-UFO11-150/120/100W	WEIGHT: 01
SPEC.: 120~277V	DIM.: 0.28	SERIAL No.:
MFR.:	SUR.: 0.22	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 176.72 lm/W			
MODEL	SS-UFO11-150/120/100W	I _{max} (cd)	8589	S/MH(C0/180)	1.14
NOMINAL POWER(W)	120	LOR(%)	100.0	S/MH(C90/270)	1.15
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	15793	η UP,DN(C0-180)	1.1,50.0
NOMINAL FLUX(lm)	15793.3	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 °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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	8570	8575	8582	8567	8547	8517	8519	8552	0- 10	818.1	818.1	5.18,5.18
20	8480	8534	8519	8402	8290	8183	8198	8360	10- 20	2401	3219	20.4,20.4
30	8073	8218	8064	7710	7457	7117	7149	7683	20- 30	3741	6960	44.1,44.1
40	4885	5039	4599	4093	4091	3959	4238	4610	30- 40	3967	10927	69.2,69.2
50	2113	2103	2065	1816	1909	1800	2062	2119	40- 50	2325	13252	83.9,83.9
60	978.7	938.4	920.8	834.4	866.6	825.7	956.1	1020	50- 60	1249	14501	91.8,91.8
70	410.3	397.1	382.5	343.1	362.6	351.1	405.2	436.8	60- 70	612.0	15113	95.7,95.7
80	131.6	127.9	118.3	110.0	116.3	119.0	133.6	145.6	70- 80	251.2	15364	97.3,97.3
90	28.87	28.89	29.33	29.66	29.15	29.15	28.85	28.98	80- 90	69.83	15434	97.7,97.7
100	35.15	34.90	35.50	36.47	34.46	35.02	34.39	33.18	90-100	34.57	15469	97.9,97.9
110	43.62	43.23	43.93	45.36	44.03	44.76	43.91	42.11	100-110	41.43	15510	98.2,98.2
120	53.15	52.80	53.54	55.02	55.62	56.35	55.35	53.41	110-120	48.62	15559	98.5,98.5
130	63.45	62.96	63.75	65.28	67.35	68.06	66.96	65.08	120-130	53.57	15612	98.9,98.9
140	73.63	73.20	73.85	75.16	78.31	78.72	77.72	76.21	130-140	54.69	15667	99.2,99.2
150	81.86	81.69	82.11	82.96	86.20	86.02	85.05	83.92	140-150	50.10	15717	99.5,99.5
160	89.69	89.87	89.94	90.07	92.79	92.26	91.04	90.28	150-160	40.23	15757	99.8,99.8
170	97.65	97.75	97.49	97.48	99.05	98.76	97.63	96.94	160-170	26.65	15784	99.9,99.9
180	102.0	102.0	101.4	100.8	102.0	102.0	101.3	100.8	170-180	9.493	15793	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 12267 lm

%lum = 77.7%

%lamp = 77.7%

Conical surface Flux(130deg): 14866 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

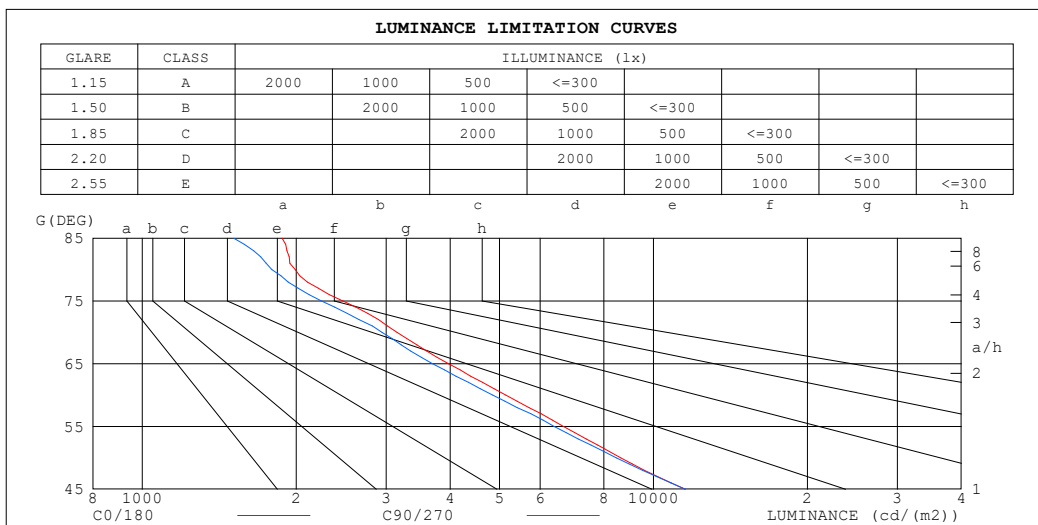
Humidity:65.0%

Test Distance:8.050m [K=1.0000]

Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.92V I:0.7539A P:89.369W PF:0.9884 Freq:60.01Hz UTHDi:0.63% ITHDi:5.59% KDisp:0.0000 Lamp Flux:15793.3x1 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	1877	1509
80	1992	1793
75	2469	2243
70	3152	2945
65	3974	3697
60	5144	4849
55	6667	6396
50	8636	8459
45	11539	11553

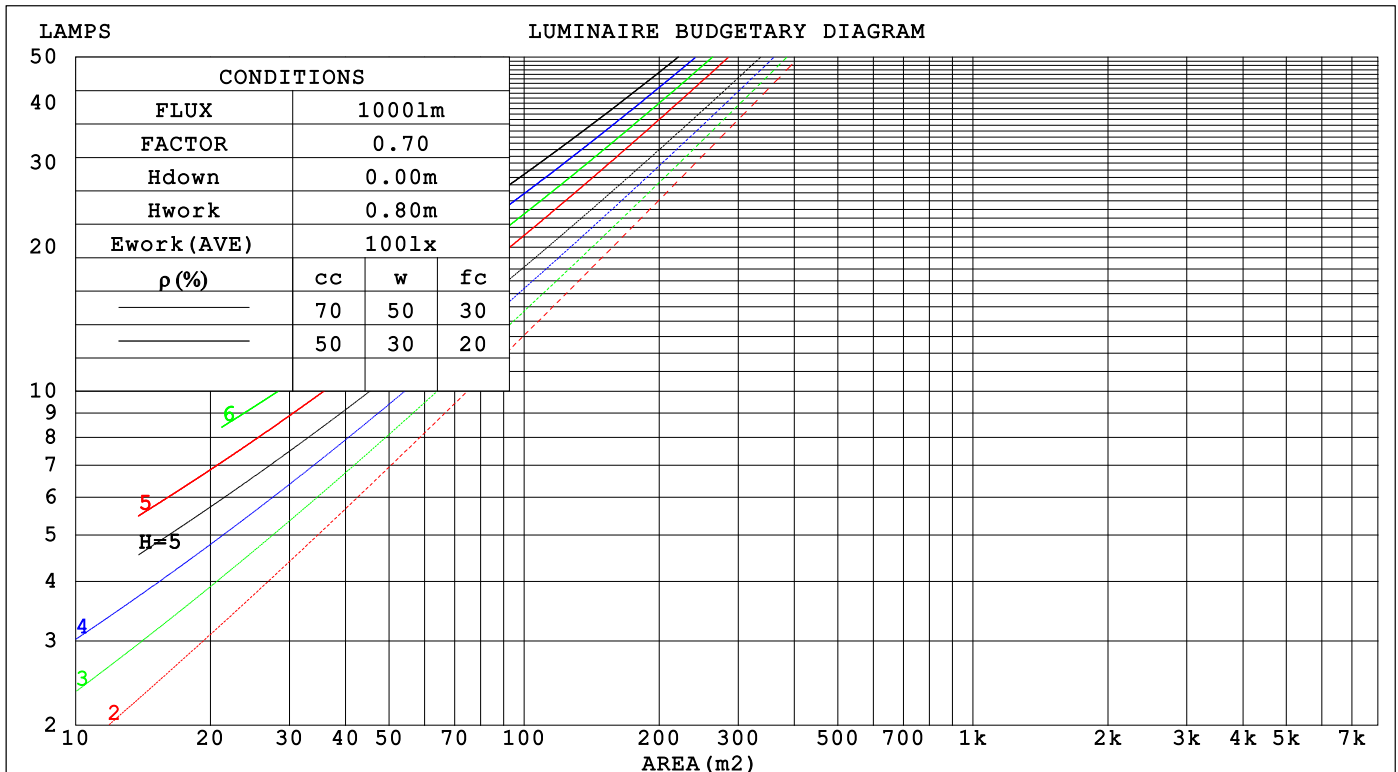
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:11 July 2024

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.92V I:0.7539A P:89.369W PF:0.9884 Freq:60.01Hz		
UTHDi:0.63% ITHDi:5.59% KDisp:0.0000 Lamp Flux:15793.3x1 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	1.01	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	.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	.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:119.92V I:0.7539A P:89.369W PF:0.9884 Freq:60.01Hz		
UTHDi:0.63% ITHDi:5.59% KDisp:0.0000 Lamp Flux:15793.3x1 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	.033	.180	.102	.032		
3.0	.210	.112	.033	.204	.109	.033	.193	.105	.032	.183	.100	.031	.174	.096	.030		
4.0	.198	.103	.030	.193	.101	.030	.184	.097	.029	.175	.094	.028	.167	.091	.028		
5.0	.187	.095	.028	.183	.094	.027	.174	.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	.023	.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	.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	.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:119.92V I:0.7539A P:89.369W PF:0.9884 Freq:60.01Hz UTHDi:0.63% ITHDi:5.59% KDisp:0.0000 Lamp Flux:15793.3x1 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	18.8	20.0	19.1	20.3	20.5	18.8	20.0	19.0	20.2	20.4
3H	19.1	20.2	19.4	20.4	20.7	19.0	20.1	19.3	20.3	20.6
4H	19.1	20.2	19.4	20.4	20.7	19.0	20.1	19.3	20.3	20.6
6H	19.1	20.1	19.5	20.4	20.7	19.0	20.0	19.4	20.3	20.6
8H	19.1	20.0	19.5	20.3	20.7	19.0	19.9	19.3	20.2	20.6
12H	19.1	20.0	19.5	20.3	20.6	19.0	19.9	19.3	20.2	20.5
4H 2H	18.8	19.9	19.2	20.2	20.4	18.8	19.8	19.1	20.1	20.4
3H	19.2	20.1	19.6	20.4	20.7	19.1	20.0	19.5	20.3	20.7
4H	19.3	20.1	19.7	20.5	20.8	19.2	20.0	19.6	20.4	20.7
6H	19.3	20.1	19.8	20.4	20.8	19.3	20.0	19.7	20.3	20.8
8H	19.4	20.0	19.8	20.4	20.8	19.3	19.9	19.7	20.3	20.7
12H	19.4	20.0	19.8	20.4	20.8	19.2	19.9	19.7	20.3	20.7
8H 4H	19.3	19.9	19.7	20.3	20.7	19.2	19.8	19.6	20.2	20.7
6H	19.4	19.9	19.8	20.3	20.8	19.3	19.8	19.7	20.3	20.7
8H	19.4	19.9	19.9	20.3	20.8	19.3	19.8	19.8	20.2	20.7
12H	19.4	19.8	20.0	20.3	20.9	19.3	19.7	19.8	20.2	20.7
12H 4H	19.2	19.8	19.7	20.2	20.7	19.1	19.7	19.6	20.2	20.6
6H	19.3	19.8	19.8	20.3	20.8	19.3	19.7	19.7	20.2	20.7
8H	19.4	19.8	19.9	20.3	20.8	19.3	19.7	19.8	20.2	20.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.3 / - 1.9					+ 1.2 / - 1.8				
1.5H	+ 1.9 / - 1.3					+ 1.7 / - 1.3				
2.0H	+ 2.2 / - 1.7					+ 2.2 / - 1.8				

CIE Pub.117, 15793 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 9.6$)
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:119.92V I:0.7539A P:89.369W PF:0.9884 Freq:60.01Hz		
UTHDi:0.63% ITHDi:5.59% KDisp:0.0000 Lamp Flux:15793.3x1 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:

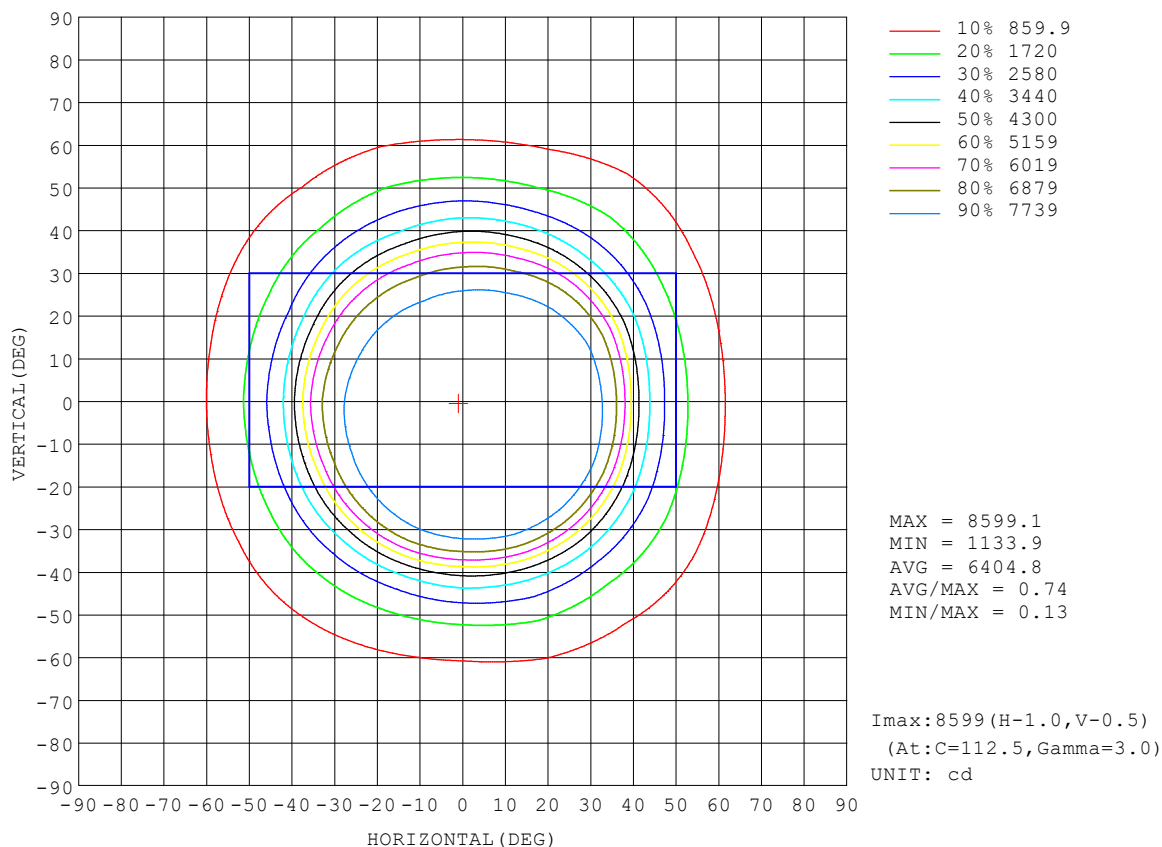
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	72	63	58	71	63	58	70	62	58	53
0.80	81	73	67	80	72	67	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:119.92V I:0.7539A P:89.369W PF:0.9884 Freq:60.01Hz UTHDi:0.63% ITHDi:5.59% KDisp:0.0000 Lamp Flux:15793.3x1 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:

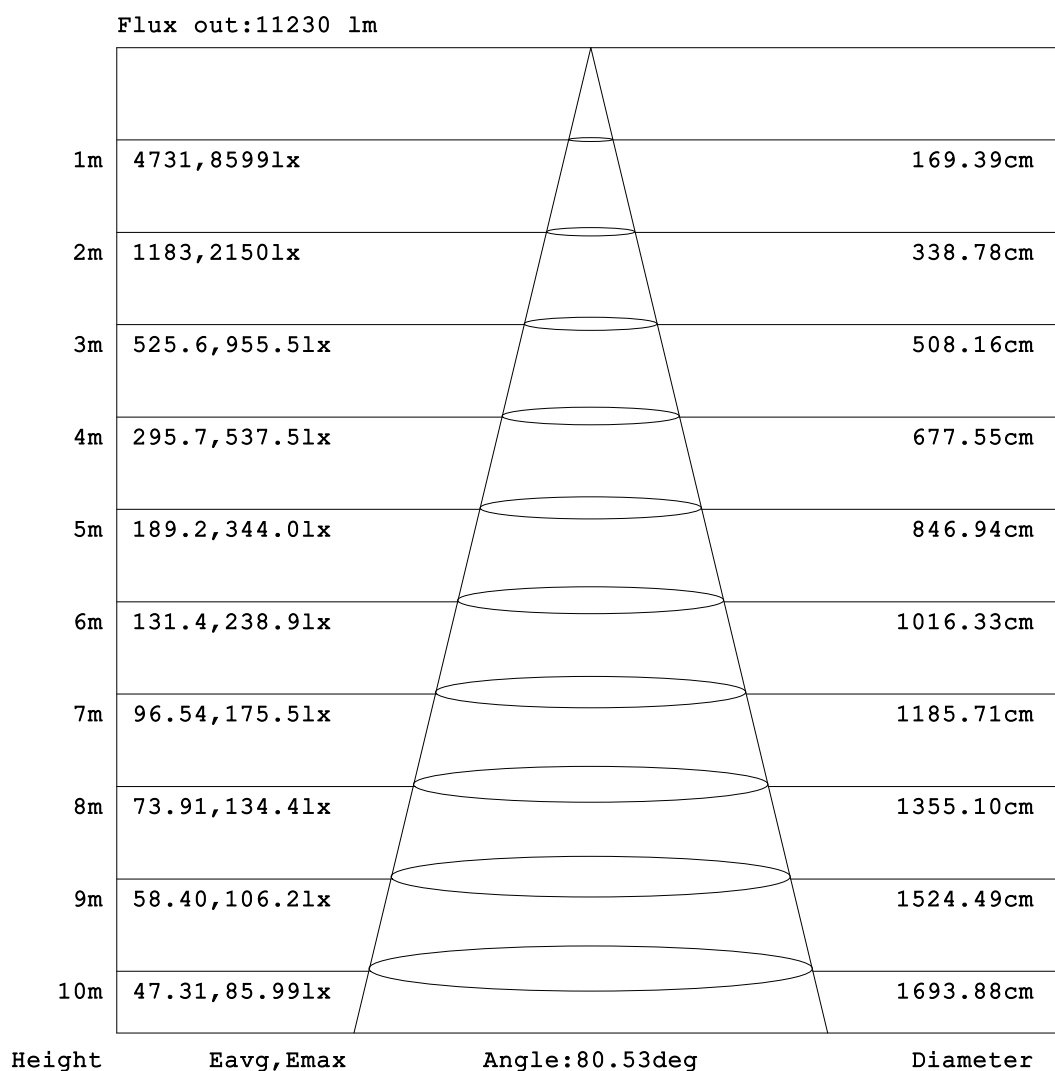


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 25.3°C
Operators:
Test Date: 11 July 2024

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:

AAI Figure

Test:U:119.92V I:0.7539A P:89.369W PF:0.9884 Freq:60.01Hz		
UTHDi:0.63% ITHDi:5.59% KDisp:0.0000 Lamp Flux:15793.3x1 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

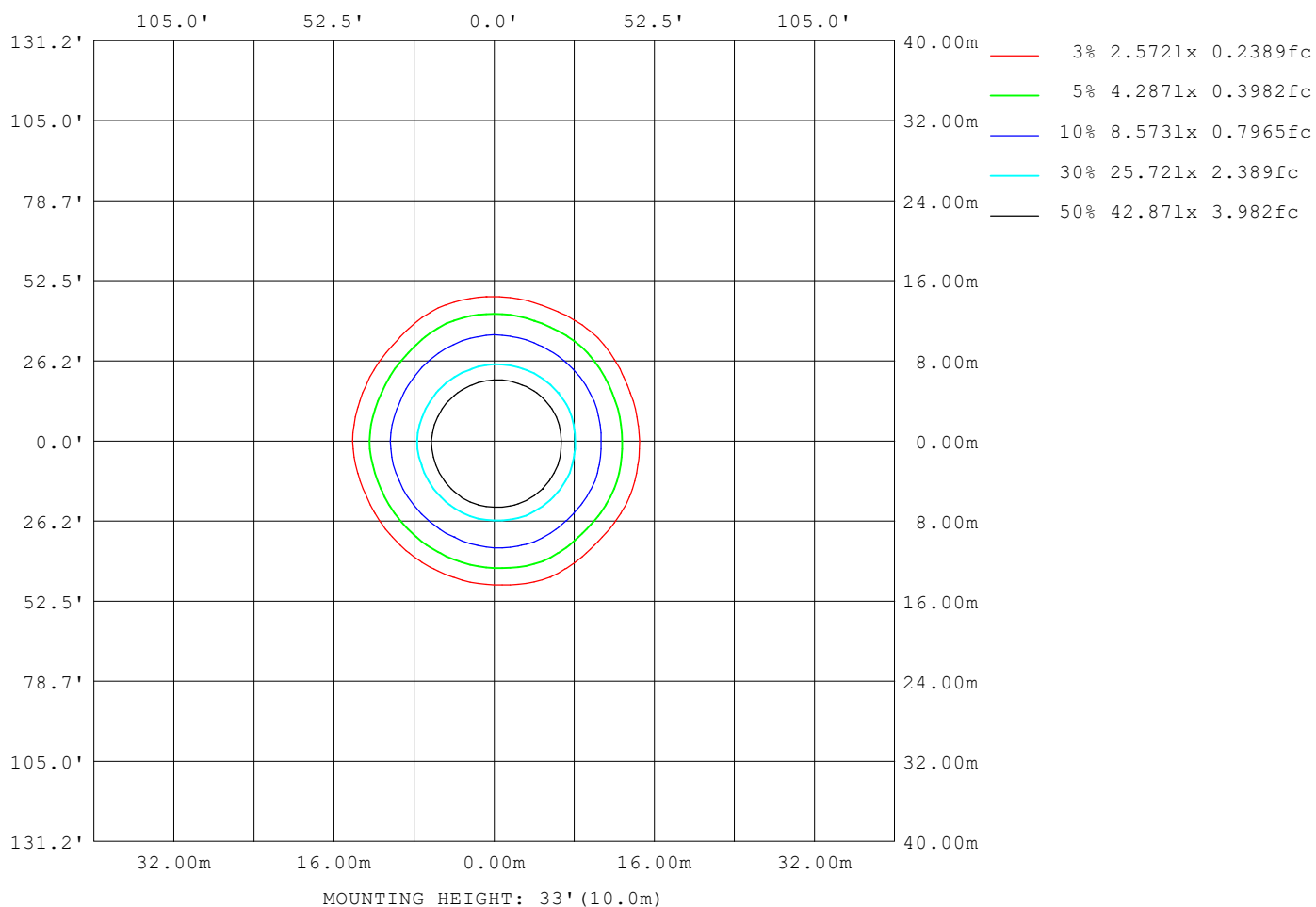
Humidity:65.0%

Test Distance:8.050m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:119.92V I:0.7539A P:89.369W PF:0.9884 Freq:60.01Hz		
UTHDi:0.63% ITHDi:5.59% KDisp:0.0000 Lamp Flux:15793.3x1 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:

LED Avg.L Report

Test:U:119.92V I:0.7539A P:89.369W PF:0.9884 Freq:60.01Hz UTHDi:0.63% ITHDi:5.59% KDisp:0.0000 Lamp Flux:15793.3x1 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:

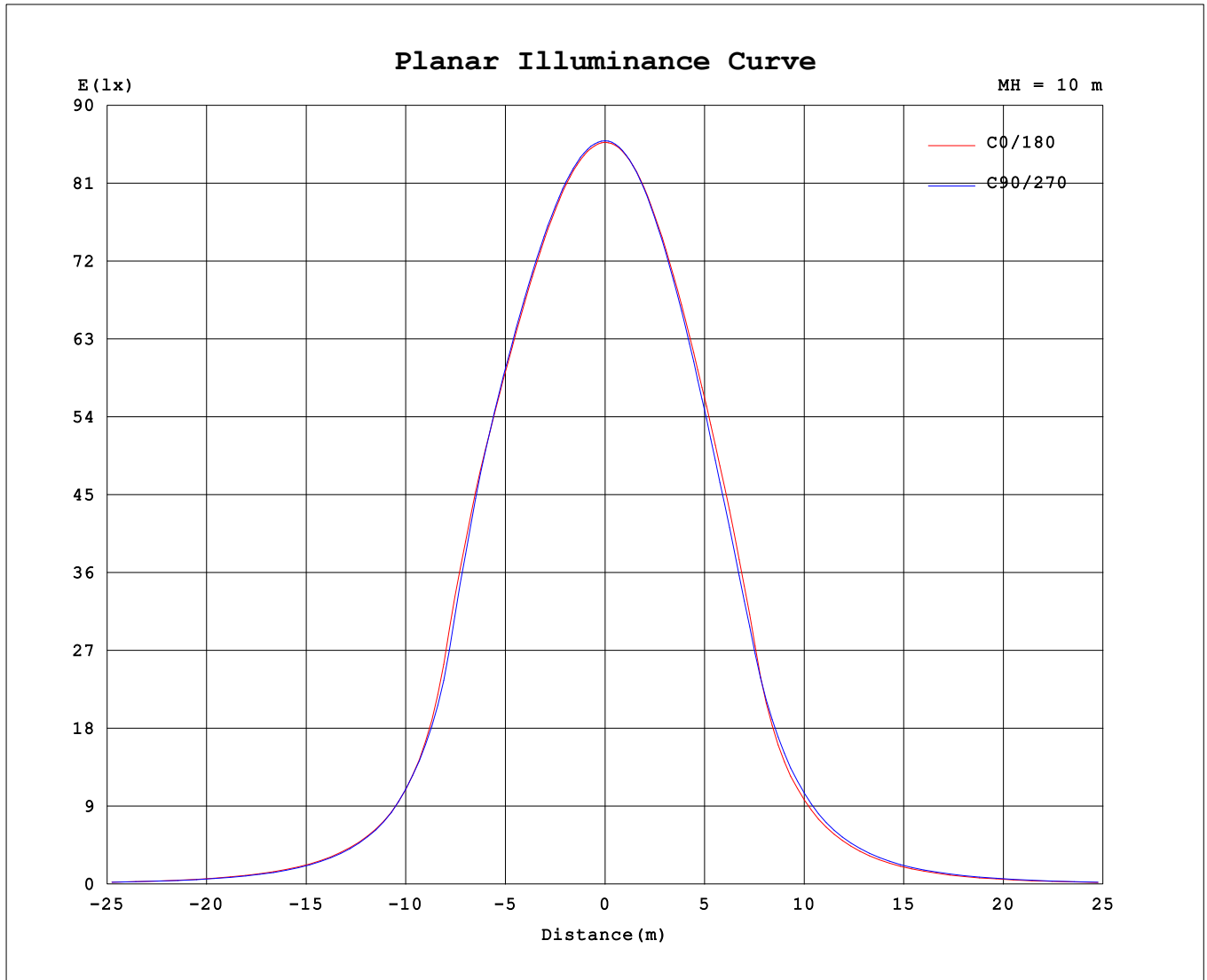
AvgL	cd/m2
L_0~180 (65) av	3748
L_0~180 (75) av	2321
L_0~180 (85) av	1753
L_90~270 (65) av	3797
L_90~270 (75) av	2345
L_90~270 (85) av	1730
L_45 (65) av	3686
L_45 (75) av	2323
L_45 (85) av	1755

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:119.92V I:0.7539A P:89.369W PF:0.9884 Freq:60.01Hz		
UTHDi:0.63% ITHDi:5.59% KDisp:0.0000 Lamp Flux:15793.3x1 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	8587	8587	8587	8587	8587	8587	8587	8587	8587	8587	8587	8587	8587	8587	8587	8587			
5	8580	8579	8580	8582	8586	8586	8584	8582	8582	8578	8574	8569	8573	8574	8578	8580			
10	8570	8573	8575	8581	8582	8580	8567	8551	8547	8528	8517	8510	8519	8534	8552	8566			
15	8543	8556	8566	8572	8568	8548	8511	8470	8455	8417	8395	8383	8405	8439	8488	8527			
20	8480	8517	8534	8540	8519	8473	8402	8323	8290	8222	8183	8157	8198	8265	8360	8441			
25	8351	8421	8447	8444	8394	8314	8187	8057	7999	7878	7804	7753	7824	7949	8129	8278			
30	8073	8192	8218	8185	8064	7932	7710	7515	7457	7247	7117	7035	7149	7358	7683	7950			
35	7225	7399	7357	7250	6944	6795	6469	6244	6274	5941	5798	5731	5950	6227	6712	7129			
40	4885	5095	5039	4887	4599	4355	4093	4053	4091	3897	3959	3969	4238	4376	4610	4960			
45	3105	3263	3219	3225	3102	2808	2673	2683	2765	2584	2695	2814	2987	2975	3040	3190			
50	2113	2215	2103	2232	2065	1911	1816	1807	1909	1783	1800	2017	2062	2031	2119	2102			
55	1455	1506	1410	1533	1393	1313	1248	1211	1302	1243	1227	1422	1417	1387	1489	1405			
60	979	1005	938	1030	921	882	834	806	867	844	826	970	956	937	1020	937			
65	639	654	614	666	593	577	541	525	565	551	540	634	626	615	673	623			
70	410	416	397	423	382	373	343	336	363	350	351	407	405	396	437	406			
75	243	246	233	242	220	212	198	190	213	206	214	241	241	239	269	248			
80	132	132	128	131	118	115	110	106	116	113	119	131	134	133	146	139			
85	62.3	62.6	57.6	56.9	49.9	48.9	45.4	45.1	53.8	52.9	56.2	60.6	64.6	65.6	73.2	71.6			
90	28.9	28.7	28.9	29.0	29.3	29.4	29.7	29.8	29.2	29.3	29.1	29.1	28.9	28.8	29.0	29.0			
95	31.6	31.4	31.5	31.7	32.0	32.3	32.7	33.0	31.2	31.6	31.5	31.4	31.0	30.8	30.4	30.3			
100	35.1	34.8	34.9	35.1	35.5	35.9	36.5	36.9	34.5	35.0	35.0	35.0	34.4	33.9	33.2	32.7			
105	39.2	38.8	38.8	39.0	39.5	40.0	40.8	41.2	38.9	39.5	39.6	39.5	38.8	38.1	37.2	36.6			
110	43.6	43.2	43.2	43.3	43.9	44.4	45.4	45.9	44.0	44.8	44.8	44.7	43.9	43.2	42.1	41.4			
115	48.2	47.8	47.9	47.9	48.6	49.2	50.2	50.7	49.7	50.4	50.5	50.3	49.5	48.7	47.7	46.8			
120	53.2	52.6	52.8	52.8	53.5	54.2	55.0	55.6	55.6	56.3	56.4	56.2	55.3	54.5	53.4	52.5			
125	58.2	57.7	57.8	57.7	58.6	59.2	60.1	60.8	61.5	62.2	62.2	62.0	61.2	60.4	59.2	58.4			
130	63.5	62.9	63.0	63.0	63.8	64.4	65.3	66.0	67.4	68.0	68.1	67.8	67.0	66.2	65.1	64.3			
135	68.8	68.2	68.3	68.3	69.1	69.7	70.6	71.2	73.2	73.8	73.8	73.5	72.7	72.1	70.9	70.2			
140	73.6	73.2	73.2	73.2	73.8	74.4	75.2	75.8	78.3	78.7	78.7	78.4	77.7	77.1	76.2	75.5			
145	77.9	77.6	77.6	77.6	78.1	78.7	79.3	79.8	82.6	82.8	82.7	82.4	81.7	81.1	80.4	79.8			
150	81.9	81.6	81.7	81.8	82.1	82.5	83.0	83.2	86.2	86.4	86.0	85.7	85.1	84.6	83.9	83.6			
155	85.7	85.5	85.7	85.7	86.0	86.1	86.3	86.5	89.5	89.5	89.0	88.6	88.0	87.6	87.0	86.9			
160	89.7	89.6	89.9	89.8	89.9	89.9	90.1	90.2	92.8	92.8	92.3	91.7	91.0	90.7	90.3	90.2			
165	94.0	93.9	94.1	94.0	94.0	93.9	94.1	94.2	96.2	96.2	95.7	95.2	94.5	94.2	93.8	93.8			
170	97.6	97.6	97.7	97.6	97.5	97.4	97.5	97.6	99.0	99.0	98.8	98.3	97.6	97.3	96.9	96.9			
175	101	101	101	100	100	100	100	100	101	101	101	101	100	99.7	99.4	99.4			
180	102	102	102	102	101	101	101	101	102	102	102	102	101	101	101	101			

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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