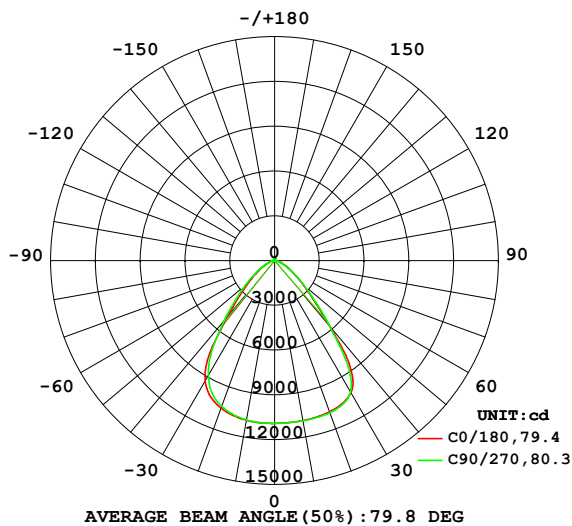


## LUMINAIRE PHOTOMETRIC TEST REPORT

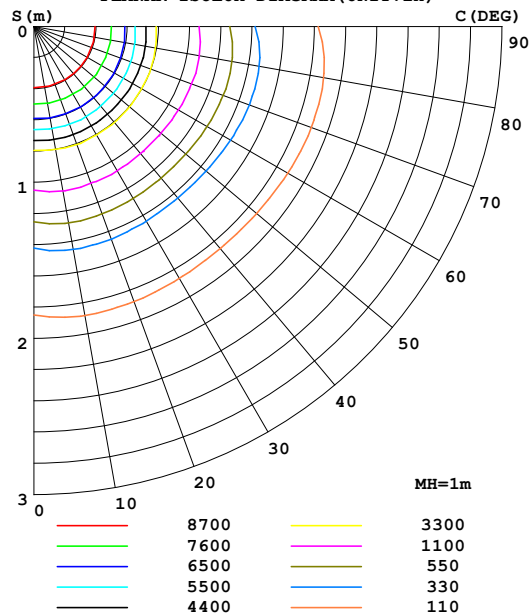
Test:U:119.88V I:1.2382A P:147.89W PF:0.9964 Freq:60.01Hz UTHDi:0.62% ITHDi:4.11% KDisp:0.0000 Lamp Flux:19716.7x1 lm		
NAME: SS-UFO11-150/120/100W	TYPE: SS-UFO11-150/120/100W	WEIGHT: 01
SPEC.: 120~277V	DIM.: 0.28	SERIAL No.:
MFR.:	SUR.: 0.22	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.32 lm/W			
MODEL	SS-UFO11-150/120/100W	I <sub>max</sub> (cd)	10913	S/MH(C0/180)	1.12
NOMINAL POWER(W)	150	LOR(%)	100.0	S/MH(C90/270)	1.14
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	19717	η UP,DN(C0-180)	1.1,50.1
NOMINAL FLUX(lm)	19716.7	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,47.6
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	1088	1088	1090	1089	1086	1083	1084	1087	0- 10	1039	1039	5.27,5.27
20	1078	1085	1084	1068	1052	1036	1040	1062	10- 20	3051	4091	20.7,20.7
30	1022	1040	1018	968.7	930.9	879.9	890.3	966.5	20- 30	4733	8824	44.8,44.8
40	577.6	612.3	579.0	507.4	494.2	485.1	528.0	569.7	30- 40	4883	13707	69.5,69.5
50	246.6	264.5	252.5	224.8	228.1	225.6	255.9	258.3	40- 50	2858	16565	84,84
60	114.8	119.7	109.6	105.6	104.1	102.6	117.2	124.7	50- 60	1543	18109	91.8,91.8
70	48.88	49.97	46.33	43.21	44.39	43.83	50.39	53.82	60- 70	758.2	18867	95.7,95.7
80	15.78	15.81	14.65	13.63	14.49	14.91	17.11	18.02	70- 80	313.4	19180	97.3,97.3
90	3.598	3.606	3.669	3.695	3.582	3.600	3.587	3.599	80- 90	86.72	19267	97.7,97.7
100	4.360	4.337	4.427	4.539	4.255	4.339	4.287	4.121	90-100	42.92	19310	97.9,97.9
110	5.414	5.374	5.484	5.653	5.477	5.584	5.494	5.259	100-110	51.56	19361	98.2,98.2
120	6.618	6.580	6.701	6.884	6.943	7.050	6.938	6.684	110-120	60.69	19422	98.5,98.5
130	7.933	7.870	7.997	8.193	8.440	8.543	8.420	8.175	120-130	67.10	19489	98.8,98.8
140	9.239	9.176	9.285	9.462	9.839	9.900	9.786	9.588	130-140	68.68	19558	99.2,99.2
150	10.28	10.26	10.33	10.44	10.83	10.82	10.71	10.57	140-150	63.01	19621	99.5,99.5
160	11.25	11.26	11.30	11.31	11.62	11.55	11.43	11.34	150-160	50.55	19671	99.8,99.8
170	12.21	12.22	12.22	12.22	12.39	12.34	12.23	12.15	160-170	33.39	19705	99.9,99.9
180	12.75	12.75	12.70	12.63	12.77	12.76	12.70	12.63	170-180	11.89	19717	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

Conical surface Flux(90deg): 15352 lm

%lum = 77.9%

%lamp = 77.9%

Conical surface Flux(130deg): 18561 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

$\gamma$  Range: 0 - 180DEG

$\gamma$  Interval: 1.0DEG

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

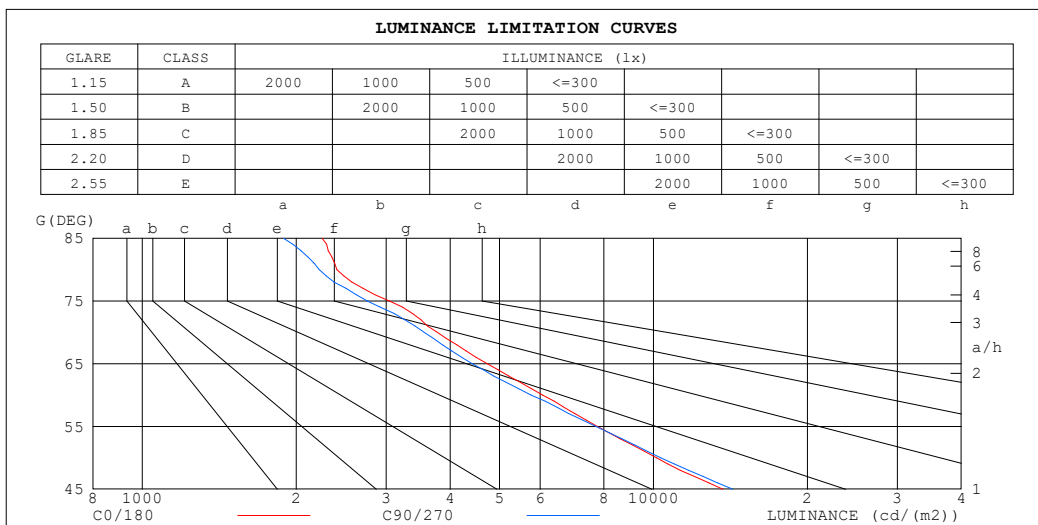
Humidity:65.0%

Test Distance:8.050m [K=1.0000]

Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:119.88V I:1.2382A P:147.89W PF:0.9964 Freq:60.01Hz UTHDi:0.62% ITHDi:4.11% KDisp:0.0000 Lamp Flux:19716.7x1 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:



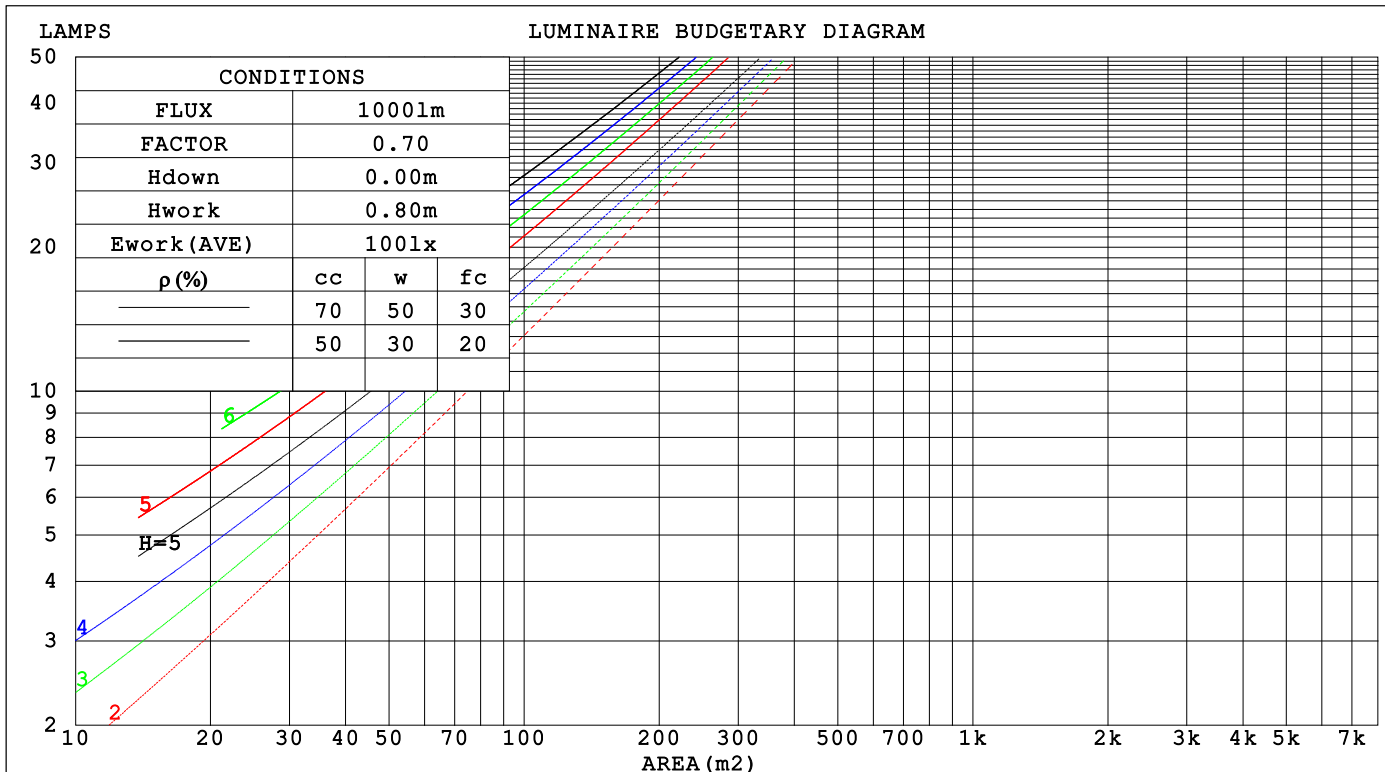
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: MEDIUM  
Temperature: 25.3°C  
Operators:  
Test Date: 11 July 2024

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:119.88V I:1.2382A P:147.89W PF:0.9964 Freq:60.01Hz		
UTHDi:0.62% ITHDi:4.11% KDisp:0.0000 Lamp Flux:19716.7x1 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															



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:119.88V I:1.2382A P:147.89W PF:0.9964 Freq:60.01Hz		
UTHDi:0.62% ITHDi:4.11% KDisp:0.0000 Lamp Flux:19716.7x1 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	.228	.130	.041	.221	.126	.040	.207	.118	.038	.194	.112	.036	.182	.105	.034		
2.0	.220	.121	.037	.214	.118	.036	.201	.112	.035	.190	.107	.033	.180	.102	.032		
3.0	.209	.111	.033	.203	.109	.033	.193	.104	.032	.183	.100	.031	.173	.096	.030		
4.0	.198	.103	.030	.193	.101	.030	.183	.097	.029	.174	.094	.028	.166	.090	.027		
5.0	.187	.095	.028	.182	.094	.027	.174	.090	.027	.166	.088	.026	.159	.085	.025		
6.0	.176	.088	.025	.173	.087	.025	.165	.085	.025	.158	.082	.024	.151	.080	.024		
7.0	.167	.083	.023	.163	.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	.072	.133	.092	.062	.091	.065	.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	.056	.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	.029	.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:119.88V I:1.2382A P:147.89W PF:0.9964 Freq:60.01Hz UTHDi:0.62% ITHDi:4.11% KDisp:0.0000 Lamp Flux:19716.7x1 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	19.5	20.7	19.7	20.9	21.1	19.5	20.7	19.8	20.9	21.2
3H	19.7	20.8	20.0	21.0	21.3	19.7	20.8	20.0	21.1	21.3
4H	19.7	20.8	20.1	21.1	21.3	19.7	20.8	20.1	21.1	21.3
6H	19.7	20.7	20.1	21.0	21.3	19.7	20.7	20.1	21.0	21.3
8H	19.7	20.7	20.1	21.0	21.3	19.7	20.6	20.1	21.0	21.3
12H	19.7	20.6	20.1	20.9	21.3	19.7	20.6	20.1	20.9	21.2
4H 2H	19.5	20.5	19.8	20.8	21.1	19.5	20.6	19.9	20.8	21.1
3H	19.8	20.7	20.2	21.1	21.4	19.8	20.7	20.2	21.1	21.4
4H	20.0	20.8	20.3	21.1	21.5	20.0	20.8	20.3	21.1	21.5
6H	20.0	20.7	20.4	21.1	21.5	20.0	20.7	20.4	21.1	21.5
8H	20.0	20.7	20.5	21.1	21.5	20.0	20.7	20.4	21.1	21.5
12H	20.0	20.6	20.5	21.0	21.5	20.0	20.6	20.4	21.0	21.4
8H 4H	19.9	20.6	20.4	21.0	21.4	19.9	20.6	20.4	21.0	21.4
6H	20.0	20.6	20.5	21.0	21.5	20.0	20.6	20.5	21.0	21.5
8H	20.1	20.5	20.6	21.0	21.5	20.0	20.5	20.5	21.0	21.5
12H	20.1	20.5	20.6	21.0	21.5	20.1	20.5	20.6	21.0	21.5
12H 4H	19.9	20.5	20.3	20.9	21.3	19.9	20.5	20.3	20.9	21.3
6H	20.0	20.5	20.5	20.9	21.4	20.0	20.5	20.5	20.9	21.4
8H	20.1	20.5	20.6	20.9	21.5	20.0	20.4	20.5	20.9	21.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.2 / - 1.9					+ 1.2 / - 1.8				
1.5H	+ 1.9 / - 1.4					+ 1.5 / - 1.3				
2.0H	+ 2.1 / - 1.6					+ 2.1 / - 1.9				

CIE Pub.117, 19717 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 10.4$ )  
Area: 0.37994 m<sup>2</sup>

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:119.88V I:1.2382A P:147.89W PF:0.9964 Freq:60.01Hz		
UTHDi:0.62% ITHDi:4.11% KDisp:0.0000 Lamp Flux:19716.7x1 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:

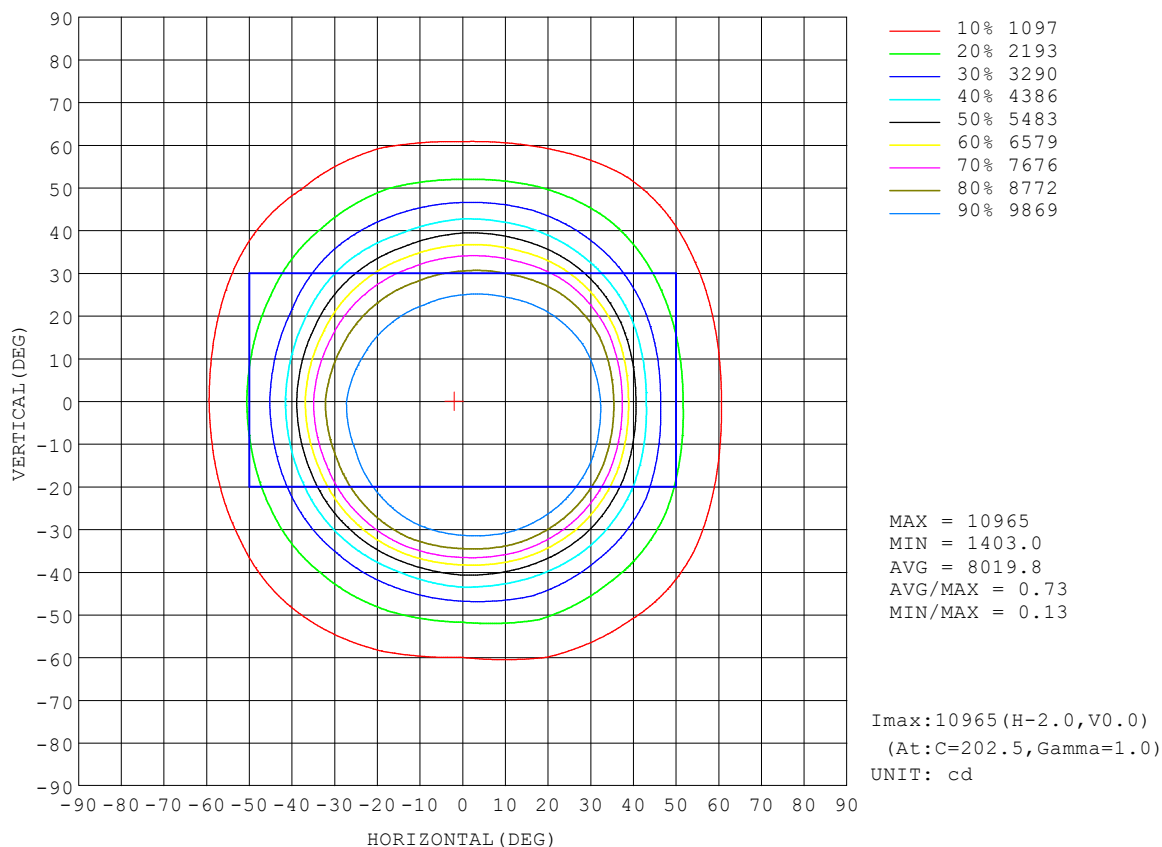
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	72	63	58	72	63	58	71	63	58	53
0.80	82	73	68	81	73	67	79	72	67	62
1.00	88	80	75	87	80	75	85	80	74	69
1.25	94	87	82	93	86	81	90	84	80	74
1.50	98	91	86	96	90	85	93	88	84	78
2.00	103	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	104	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:119.88V I:1.2382A P:147.89W PF:0.9964 Freq:60.01Hz		
UTHDi:0.62% ITHDi:4.11% KDisp:0.0000 Lamp Flux:19716.7x1 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:



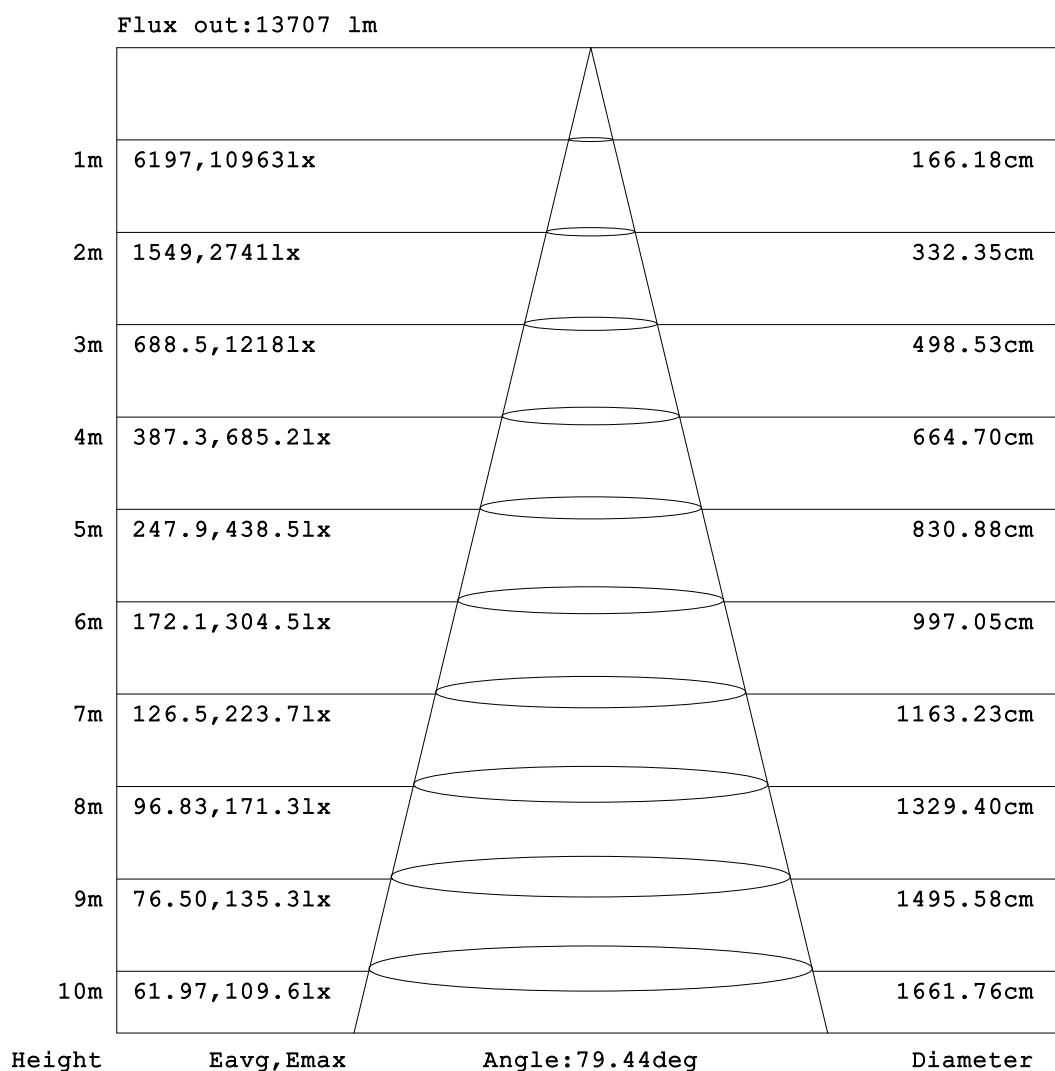
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: MEDIUM  
Temperature:25.3℃  
Operators:  
Test Date:11 July 2024

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:119.88V I:1.2382A P:147.89W PF:0.9964 Freq:60.01Hz		
UTHDi:0.62% ITHDi:4.11% KDisp:0.0000 Lamp Flux:19716.7x1 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

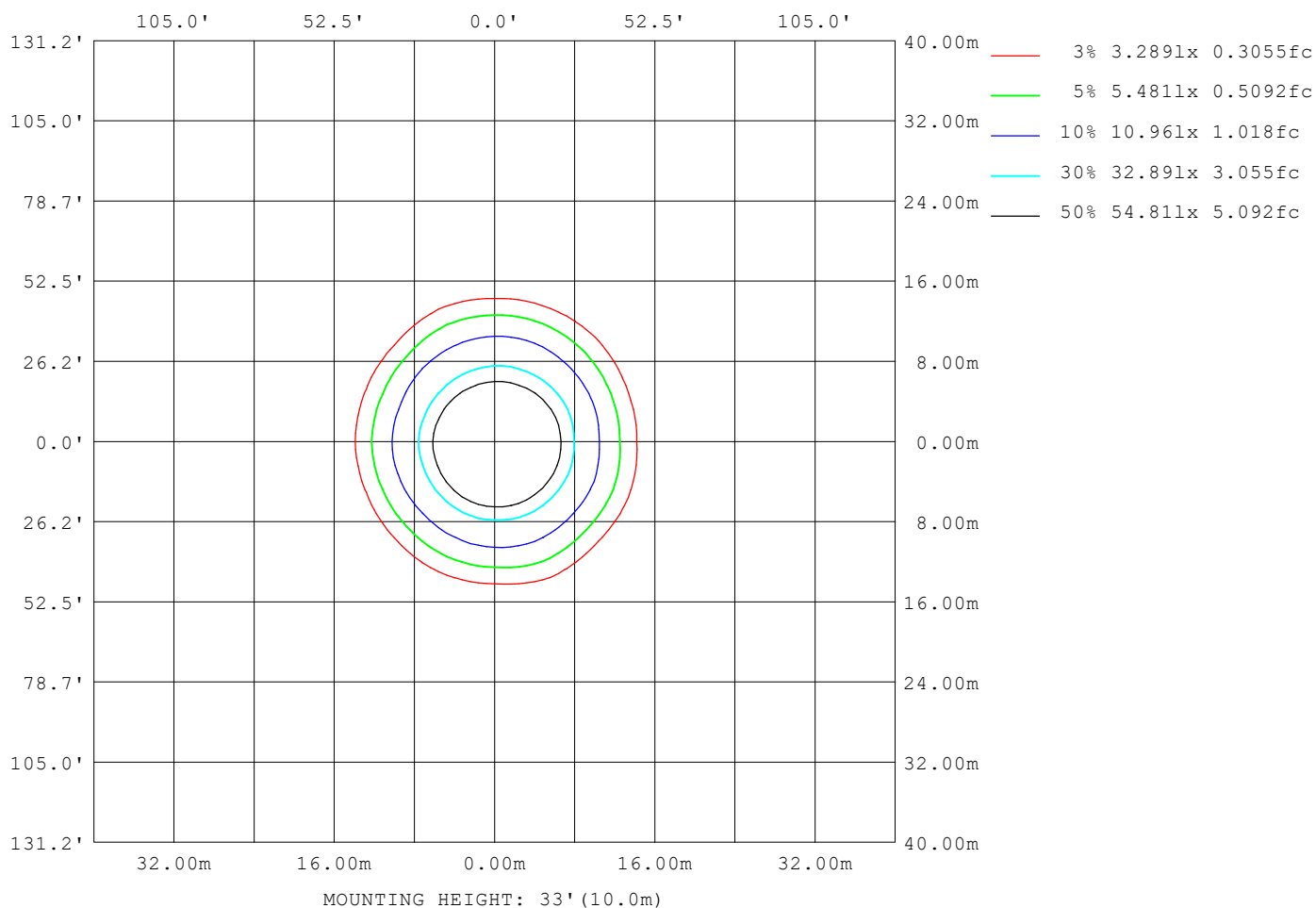
Humidity:65.0%

Test Distance:8.050m [K=1.0000]

Remarks:

### ISOLUX DIAGRAM

Test:U:119.88V I:1.2382A P:147.89W PF:0.9964 Freq:60.01Hz		
UTHDi:0.62% ITHDi:4.11% KDisp:0.0000 Lamp Flux:19716.7x1 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:119.88V I:1.2382A P:147.89W PF:0.9964 Freq:60.01Hz UTHDi:0.62% ITHDi:4.11% KDisp:0.0000 Lamp Flux:19716.7x1 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	4489
L_0~180 (75) av	2875
L_0~180 (85) av	2129
L_90~270 (65) av	4625
L_90~270 (75) av	2948
L_90~270 (85) av	2162
L_45 (65) av	4605
L_45 (75) av	2925
L_45 (85) av	2177

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

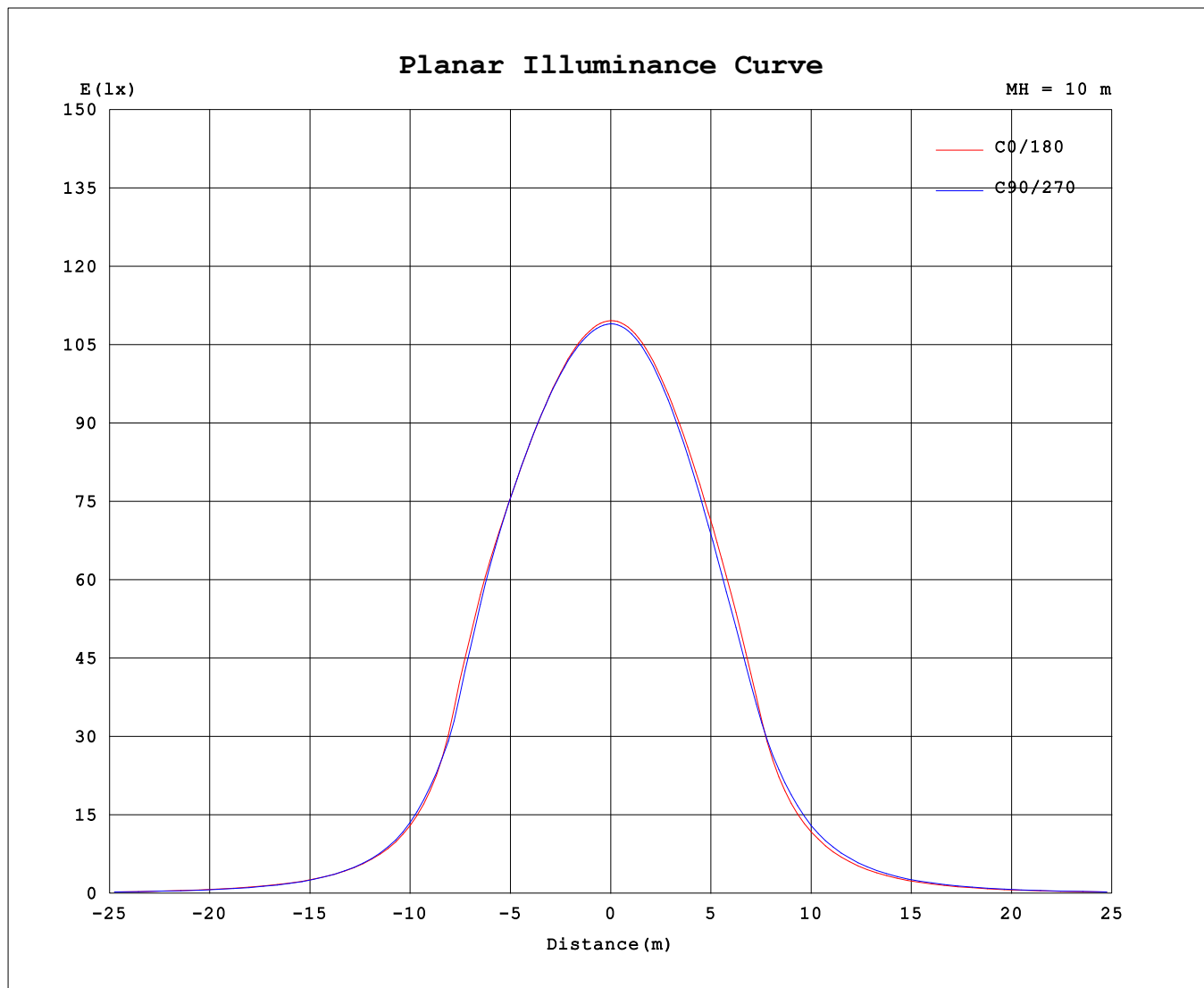
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458

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:119.88V I:1.2382A P:147.89W PF:0.9964 Freq:60.01Hz		
UTHDi:0.62% ITHDi:4.11% KDisp:0.0000 Lamp Flux:19716.7x1 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	1091	1091	1091	1091	1091	1091	1091	1091	1091	1091	1091	1091	1091	1091	1091	1091			
5	1089	1089	1089	1090	1090	1090	1090	1091	1091	1090	1090	1090	1090	1090	1090	1090			
10	1088	1088	1088	1089	1090	1090	1089	1087	1086	1084	1083	1083	1084	1085	1087	1088			
15	1085	1086	1088	1089	1089	1087	1082	1077	1074	1069	1067	1066	1069	1073	1079	1084			
20	1078	1083	1085	1087	1084	1078	1068	1058	1052	1041	1036	1033	1040	1049	1062	1073			
25	1062	1071	1075	1075	1068	1057	1039	1022	1011	991	980	975	986	1004	1030	1052			
30	1022	1038	1040	1036	1018	1000	969	942	931	897	880	873	890	920	966	1006			
35	892	911	904	894	856	839	795	765	761	715	700	698	729	764	831	885			
40	578	612	612	599	579	536	507	495	494	476	485	486	528	543	570	592			
45	366	400	396	401	384	351	326	328	332	316	336	345	367	379	375	383			
50	247	270	264	279	253	242	225	224	228	219	226	252	256	263	258	254			
55	169	183	178	194	168	169	156	150	154	153	154	177	173	180	183	172			
60	115	123	120	130	110	114	106	99.6	104	104	103	122	117	122	125	116			
65	75.6	80.3	77.9	83.1	71.0	74.0	68.3	64.9	68.6	68.0	67.0	78.6	77.5	79.2	82.6	77.7			
70	48.9	51.5	50.0	52.4	46.3	47.1	43.2	41.6	44.4	43.2	43.8	50.3	50.4	50.7	53.8	50.6			
75	29.8	30.6	29.3	31.0	27.1	26.9	25.1	23.6	26.8	25.5	27.3	30.2	30.9	30.7	33.4	31.1			
80	15.8	15.9	15.8	16.5	14.7	14.4	13.6	13.0	14.5	14.1	14.9	16.5	17.1	16.8	18.0	17.0			
85	7.41	7.69	7.10	7.14	6.26	6.07	5.69	5.73	6.69	6.48	7.06	7.72	8.06	8.23	8.99	8.65			
90	3.60	3.58	3.61	3.63	3.67	3.68	3.70	3.70	3.58	3.60	3.60	3.61	3.59	3.58	3.60	3.60			
95	3.93	3.90	3.92	3.95	4.00	4.03	4.07	4.10	3.84	3.88	3.89	3.90	3.86	3.82	3.77	3.75			
100	4.36	4.32	4.34	4.36	4.43	4.48	4.54	4.58	4.26	4.32	4.34	4.35	4.29	4.22	4.12	4.05			
105	4.86	4.81	4.83	4.85	4.93	4.99	5.08	5.13	4.82	4.90	4.92	4.92	4.85	4.76	4.64	4.55			
110	5.41	5.36	5.37	5.40	5.48	5.55	5.65	5.72	5.48	5.56	5.58	5.58	5.49	5.40	5.26	5.15			
115	6.00	5.94	5.96	5.98	6.08	6.15	6.27	6.33	6.19	6.29	6.30	6.30	6.20	6.10	5.95	5.84			
120	6.62	6.56	6.58	6.60	6.70	6.79	6.88	6.96	6.94	7.03	7.05	7.04	6.94	6.84	6.68	6.58			
125	7.27	7.21	7.21	7.23	7.34	7.43	7.53	7.61	7.69	7.78	7.79	7.78	7.68	7.57	7.42	7.32			
130	7.93	7.87	7.87	7.89	8.00	8.08	8.19	8.28	8.44	8.53	8.54	8.51	8.42	8.32	8.18	8.08			
135	8.61	8.55	8.55	8.57	8.67	8.76	8.87	8.96	9.19	9.26	9.28	9.24	9.15	9.05	8.92	8.82			
140	9.24	9.18	9.18	9.20	9.29	9.36	9.46	9.54	9.84	9.89	9.90	9.86	9.79	9.70	9.59	9.51			
145	9.78	9.74	9.73	9.76	9.83	9.90	9.98	10.0	10.4	10.4	10.4	10.4	10.3	10.2	10.1	10.1			
150	10.3	10.3	10.3	10.3	10.3	10.4	10.4	10.5	10.8	10.8	10.8	10.8	10.7	10.6	10.6	10.5			
155	10.8	10.7	10.8	10.8	10.8	10.8	10.9	10.9	11.2	11.2	11.2	11.1	11.1	11.0	10.9	10.9			
160	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.6	11.6	11.6	11.5	11.4	11.4	11.3	11.3			
165	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	12.0	12.0	12.0	11.9	11.8	11.8	11.8	11.8			
170	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.4	12.4	12.3	12.3	12.2	12.2	12.2	12.2			
175	12.6	12.6	12.6	12.6	12.6	12.5	12.5	12.5	12.7	12.6	12.6	12.6	12.5	12.5	12.5	12.5			
180	12.7	12.8	12.7	12.7	12.7	12.7	12.6	12.6	12.8	12.8	12.8	12.7	12.7	12.7	12.6	12.6			

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