

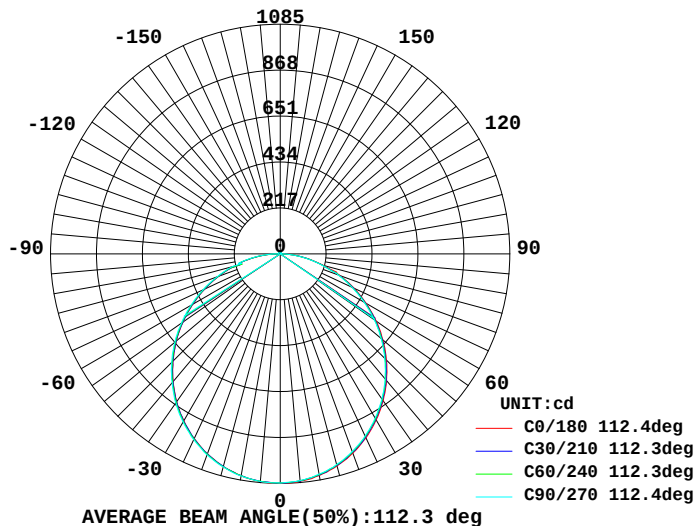
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Geniled Офис Standart 595x595x20 30W 4000K 90Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4219	DIMENSION: 595x595x20	SERIAL No.:

DATA OF LAMP		Imax(cd)	1085	S/MH(C0/180)	1.25
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.26
NOMINAL POWER(W)	28	TOTAL FLUX(lm)	3155.5	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	112.5	Current(A)	0.138
NOMINAL FLUX(lm)	3155.5	η up(%)	1.5	Power(W)	28.04
LAMPS QUANTITY	1	η down(%)	98.5	Power Factor(PF)	0.921
TEST VOLTAGE(V)	220.3	Effective Flux(lm)	3155.5	EEI	0.121

LUMINOUS INTENSITY DISTRIBUTION



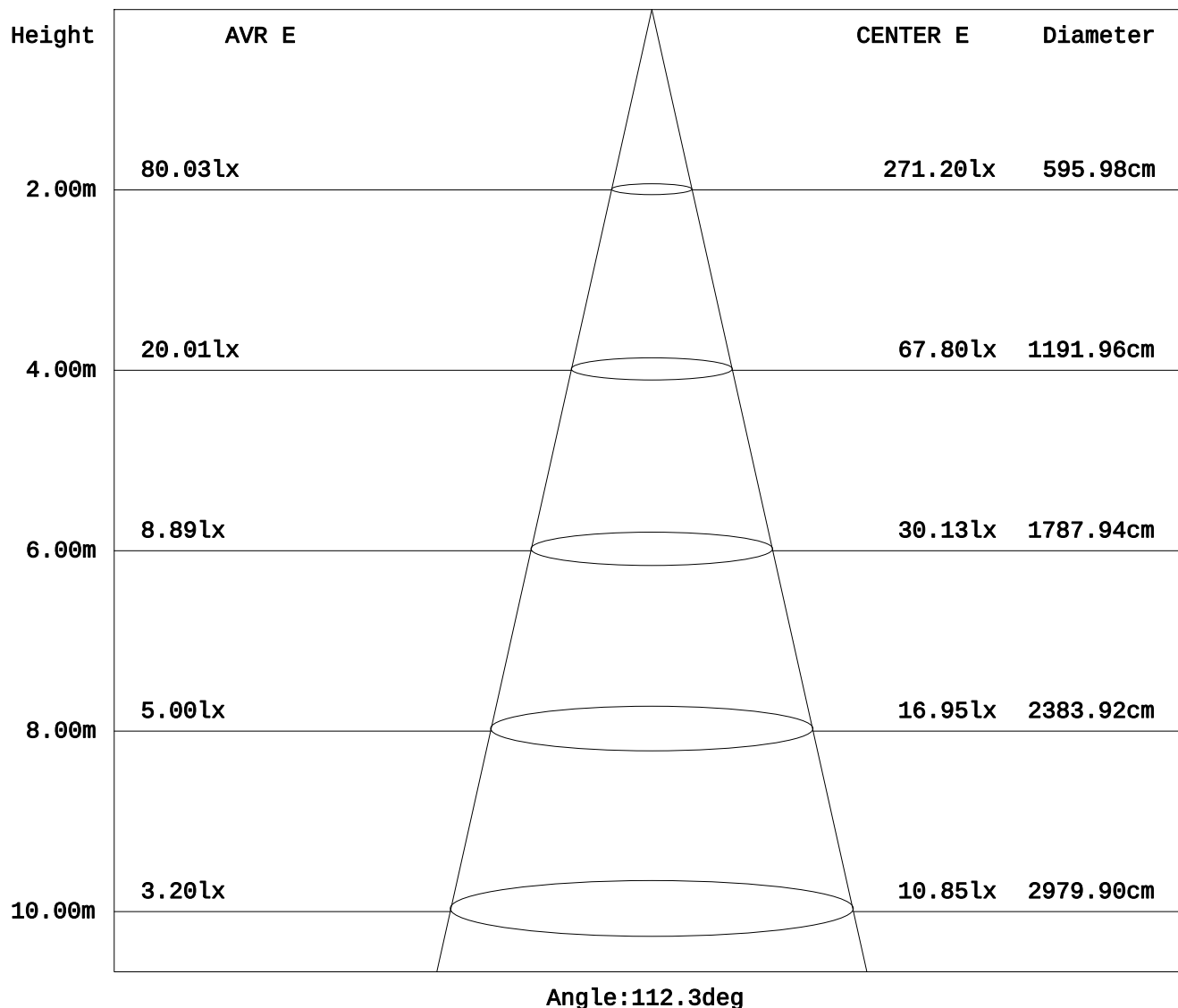
Temperature: 25.3°C
 Operators:
 Test Date: 28-10-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 92Ra. 1.7% Flickering. Temp 28.8

AVERAGE AND CENTER E Figure

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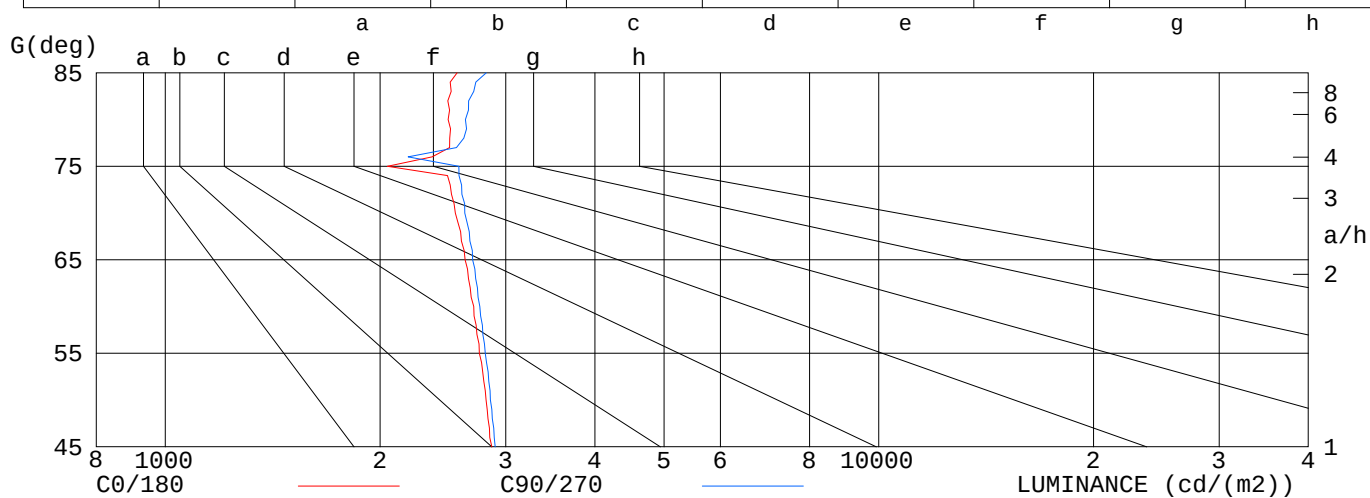
LUMINANCE LIMITATION CURVES

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LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/m2		
G(deg)	C0/180	C90/270
85	2564	2817
80	2491	2634
75	2048	2579
70	2550	2629
65	2632	2696
60	2705	2760
55	2755	2808
50	2815	2856
45	2868	2900

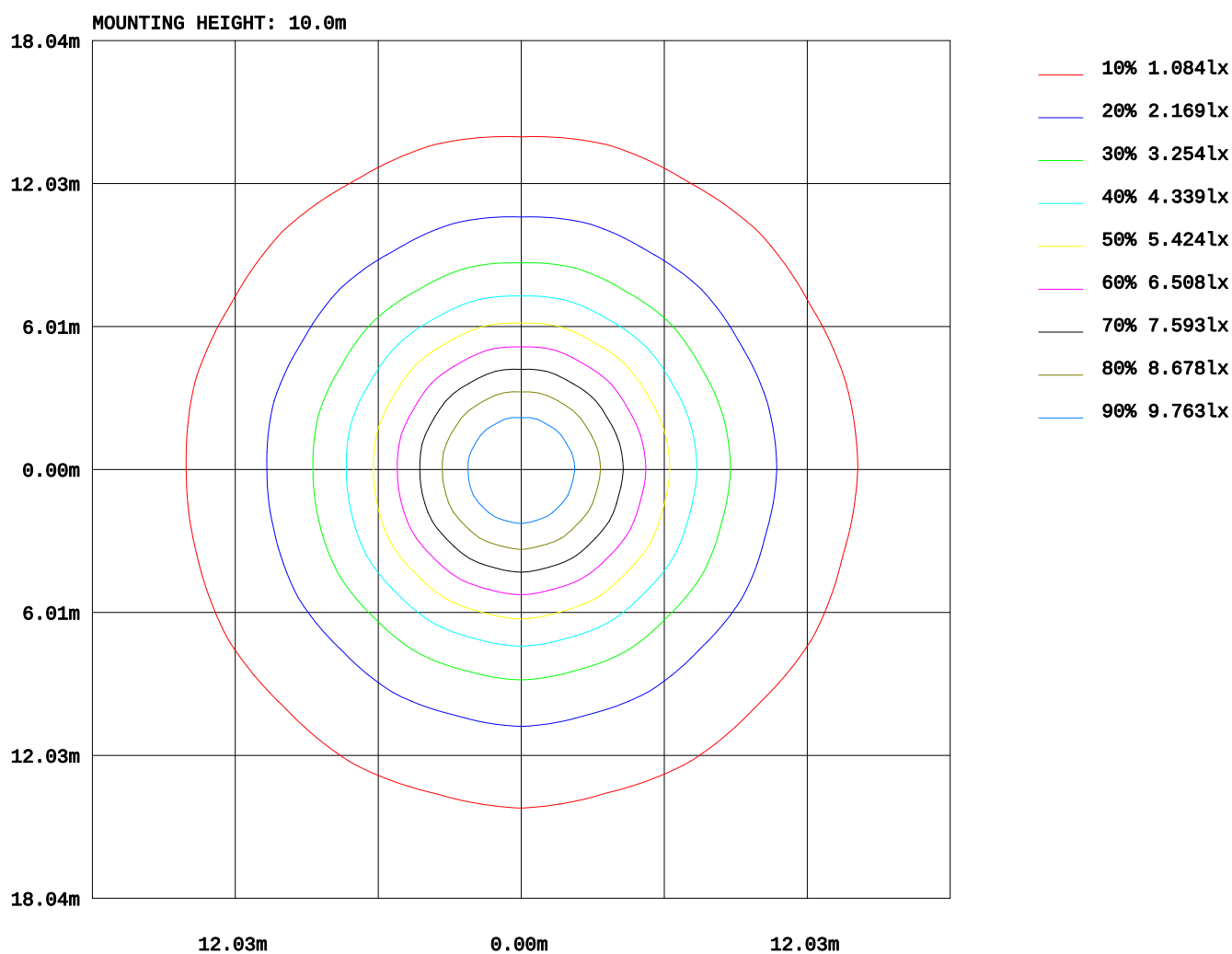
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ISOLUX DIAGRAM

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UGR Table

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SPECIFICATION:	CCT(K): 4219	DIMENSION: 595x595x20		SERIAL No.:

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	16.2	17.7	16.5	17.9	18.2	16.3	17.8	16.6	18.0	18.3
3H	17.8	19.2	18.1	19.4	19.7	17.9	19.3	18.2	19.5	19.8
4H	18.4	19.7	18.7	20.0	20.3	18.5	19.8	18.9	20.1	20.4
6H	18.9	20.2	19.3	20.5	20.8	19.1	20.3	19.4	20.6	21.0
8H	19.1	20.3	19.5	20.6	21.0	19.3	20.5	19.7	20.8	21.2
12H	19.3	20.4	19.7	20.8	21.1	19.5	20.7	19.9	21.0	21.3
4H 2H	16.8	18.2	17.2	18.4	18.7	16.9	18.2	17.2	18.5	18.8
3H	18.6	19.8	19.0	20.1	20.4	18.7	19.9	19.1	20.2	20.5
4H	19.3	20.4	19.7	20.7	21.1	19.4	20.5	19.8	20.9	21.2
6H	20.0	20.9	20.4	21.3	21.7	20.1	21.1	20.5	21.4	21.8
8H	20.2	21.1	20.6	21.5	21.9	20.4	21.3	20.8	21.7	22.1
12H	20.4	21.2	20.9	21.6	22.1	20.6	21.4	21.1	21.8	22.3
8H 4H	19.6	20.5	20.0	20.9	21.3	19.7	20.6	20.1	21.0	21.4
6H	20.4	21.2	20.9	21.6	22.1	20.6	21.3	21.0	21.7	22.2
8H	20.8	21.4	21.3	21.9	22.4	21.0	21.6	21.4	22.1	22.5
12H	21.1	21.6	21.6	22.1	22.6	21.3	21.8	21.8	22.3	22.8
12H 4H	19.6	20.4	20.1	20.9	21.3	19.7	20.5	20.2	21.0	21.4
6H	20.5	21.2	21.0	21.6	22.1	20.7	21.3	21.1	21.8	22.2
8H	20.9	21.5	21.4	22.0	22.5	21.1	21.6	21.6	22.1	22.6

Variations with the observer position at spacings:

S = 1.0H	+ 0.2 / - 0.2	+ 0.1 / - 0.1
1.5H	+ 0.2 / - 0.3	+ 0.2 / - 0.3
2.0H	+ 0.1 / - 0.3	+ 0.3 / - 0.3

CIE Pub.117 Corrected 3155 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.0)

Temperature:25.3'C
Operators:
Test Date:28-10-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 92Ra. 1.7% Flickering. Temp 28.8

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SPECIFICATION:	CCT(K): 4219	DIMENSION: 595x595x20	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	1085	1083	1082	1083	1082	1082	1083	1082	1083	1085	1084	1084	1085	1083	1082
5.0	1079	1077	1080	1078	1078	1077	1080	1078	1080	1079	1081	1080	1078	1080	1078
10.0	1065	1060	1064	1061	1065	1062	1066	1063	1067	1064	1068	1065	1064	1065	1061
15.0	1041	1033	1040	1034	1041	1037	1042	1038	1043	1039	1044	1039	1038	1042	1034
20.0	1006	998	1006	1000	1008	1002	1011	1004	1011	1004	1012	1005	1002	1008	999
25.0	963	954	963	956	964	958	968	960	970	962	970	961	959	965	955
30.0	911	901	912	903	915	907	918	909	919	911	920	910	906	914	903
35.0	853	841	853	843	856	847	860	849	862	851	862	851	848	857	844
40.0	787	774	788	776	791	781	795	783	797	785	797	784	782	792	779
45.0	718	702	718	705	722	710	726	713	728	714	728	713	709	723	705
50.0	641	624	641	627	645	632	650	635	652	637	653	636	633	647	630
55.0	559	543	561	546	565	551	570	554	572	556	572	555	553	566	548
60.0	479	460	480	463	483	468	489	472	491	474	490	472	469	486	465
65.0	394	375	394	378	398	382	403	386	406	388	405	387	386	402	381
70.0	309	289	309	292	313	297	318	300	321	302	320	301	300	317	297
75.0	188	201	188	203	187	208	236	211	238	213	238	212	210	235	206
80.0	153	123	154	125	157	130	162	133	164	134	164	133	133	161	130
85.0	79.0	51.7	79.4	53.2	82.5	56.9	86.9	60.0	88.9	61.7	89.0	60.9	60.7	84.5	58.6
90.0	15.0	3.10	13.7	2.80	13.9	3.10	18.0	4.70	19.0	4.40	18.5	4.70	4.80	18.2	3.00
95.0	9.90	3.40	9.80	3.30	9.70	3.20	9.80	3.30	9.90	3.20	9.90	3.20	3.70	9.90	3.40
100.0	9.30	3.90	9.09	3.80	9.09	3.80	9.09	3.80	9.20	3.70	9.09	3.70	4.20	9.30	3.90
105.0	9.00	4.40	8.80	4.30	8.70	4.30	8.80	4.20	8.80	4.20	8.80	4.30	4.80	8.90	4.40
110.0	8.80	4.90	8.60	4.80	8.60	4.70	8.60	4.70	8.60	4.70	8.60	4.80	5.30	8.80	4.90
115.0	8.80	5.40	8.60	5.30	8.50	5.20	8.60	5.20	8.60	5.20	8.60	5.30	5.90	8.80	5.40
120.0	8.90	5.90	8.70	5.70	8.60	5.70	8.70	5.70	8.70	5.70	8.70	5.80	6.40	8.90	5.90
125.0	9.09	6.40	8.80	6.20	8.80	6.20	8.90	6.20	8.80	6.20	8.80	6.20	6.90	9.00	6.40
130.0	9.20	6.80	9.00	6.70	8.90	6.60	9.00	6.70	9.00	6.60	9.00	6.70	7.40	9.20	6.80
135.0	9.40	7.20	9.09	7.10	9.09	7.10	9.20	7.10	9.09	7.10	9.09	7.10	7.80	9.40	7.30
140.0	9.60	7.60	9.30	7.50	9.30	7.50	9.40	7.40	9.20	7.50	9.30	7.60	8.20	9.60	7.70
145.0	9.80	8.00	9.40	7.90	9.50	8.00	9.50	7.80	9.40	7.80	9.50	8.00	8.60	9.80	8.10
150.0	9.90	8.40	9.70	8.20	9.70	8.29	9.80	8.10	9.60	8.20	9.70	8.40	9.00	10.0	8.40
155.0	10.1	8.70	9.90	8.50	9.80	8.70	9.90	8.50	9.80	8.50	9.90	8.70	9.20	10.1	8.70
160.0	10.2	9.00	10.0	8.90	10.0	8.90	10.0	8.90	10.0	8.80	10.0	9.00	9.50	10.3	9.00
165.0	10.4	9.20	10.2	9.09	10.0	9.09	10.2	9.09	10.1	9.09	10.1	9.20	9.80	10.3	9.20
170.0	10.5	9.40	10.3	9.30	10.2	9.30	10.3	9.30	10.2	9.30	10.2	9.30	10.0	10.3	9.30
175.0	10.5	9.50	10.3	9.50	10.2	9.40	10.4	9.40	10.3	9.50	10.3	9.40	10.2	10.3	9.50
180.0	10.4	9.70	10.2	9.70	10.2	9.70	10.3	9.60	10.2	9.70	10.2	9.70	10.5	10.2	9.70

Temperature:25.3'C
Operators:
Test Date:28-10-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 92Ra. 1.7% Flickering. Temp 28.8

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UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1083	1082	1082	1083	1082	1083	1085	1084	1084
5.0	1078	1076	1078	1075	1078	1075	1078	1077	1079
10.0	1064	1059	1062	1057	1062	1058	1062	1060	1063
15.0	1039	1032	1037	1030	1037	1030	1037	1032	1039
20.0	1005	997	1003	995	1002	995	1002	995	1003
25.0	963	952	959	950	958	949	958	950	959
30.0	911	901	908	896	907	896	907	897	908
35.0	853	841	849	837	849	836	849	837	849
40.0	789	775	785	771	783	770	783	771	784
45.0	718	701	715	698	713	697	713	698	714
50.0	643	626	640	622	637	621	637	622	638
55.0	563	545	559	541	558	541	557	540	558
60.0	482	461	478	458	477	457	475	457	476
65.0	398	378	395	375	393	374	392	373	392
70.0	314	293	311	290	309	289	307	289	307
75.0	187	204	188	201	188	200	187	199	187
80.0	159	128	156	126	154	124	153	124	153
85.0	82.9	56.4	80.4	54.2	78.7	52.9	77.6	52.6	76.9
90.0	15.2	2.90	15.0	3.30	15.5	3.00	13.7	2.90	14.3
95.0	9.90	3.40	9.90	3.50	9.90	3.50	9.90	3.40	9.80
100.0	9.30	3.90	9.20	4.00	9.30	4.00	9.20	3.90	9.20
105.0	8.90	4.40	8.90	4.50	9.00	4.50	8.90	4.50	8.90
110.0	8.80	5.00	8.80	5.00	8.90	5.10	8.90	5.00	8.80
115.0	8.80	5.50	8.80	5.60	8.90	5.60	8.90	5.50	8.80
120.0	8.90	6.00	8.90	6.10	9.00	6.00	8.90	6.00	8.90
125.0	9.00	6.40	9.00	6.60	9.00	6.50	9.00	6.50	9.00
130.0	9.00	6.90	9.20	7.00	9.30	7.00	9.30	6.90	9.20
135.0	9.30	7.30	9.40	7.40	9.50	7.40	9.40	7.30	9.40
140.0	9.50	7.60	9.50	7.80	9.60	7.80	9.50	7.70	9.50
145.0	9.60	8.00	9.70	8.20	9.80	8.10	9.70	8.00	9.70
150.0	9.80	8.29	9.90	8.50	10.0	8.50	9.80	8.40	9.90
155.0	9.90	8.70	10.0	8.70	10.2	8.70	10.0	8.70	10.0
160.0	10.1	9.00	10.2	9.00	10.3	9.00	10.1	9.00	10.2
165.0	10.2	9.20	10.2	9.20	10.3	9.20	10.2	9.20	10.3
170.0	10.3	9.30	10.2	9.50	10.3	9.30	10.3	9.40	10.3
175.0	10.3	9.40	10.2	9.60	10.3	9.40	10.3	9.50	10.3
180.0	10.3	9.70	10.2	9.80	10.2	9.70	10.3	9.70	10.2

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