

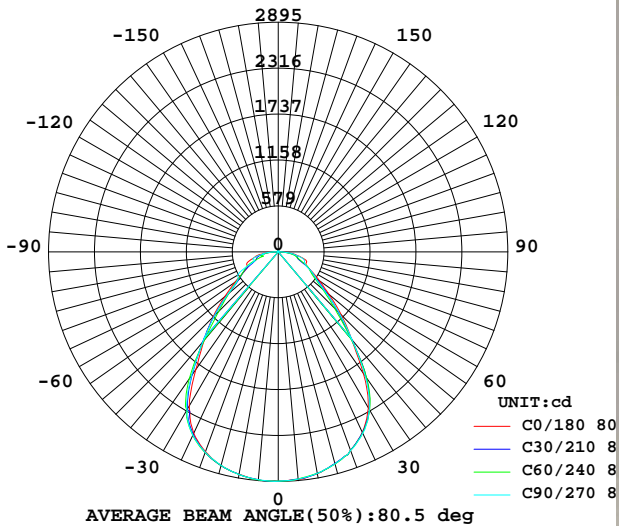
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Office 595x595x20 40W 5000K Mikroprizma2		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4889	DIMENSION: 595x595x20	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	2895	S/MH(C0/180)	1.14
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.15
NOMINAL POWER(W)	40	TOTAL FLUX(lm)	5671.2	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	133.7	Current(A)	0.201
NOMINAL FLUX(lm)	5671.2	η up(%)	1.2	Power(W)	42.41
LAMPS QUANTITY	1	η down(%)	98.8	Power Factor(PF)	0.953
TEST VOLTAGE(V)	220.3	Effective Flux(lm)	5671.2	EEL	0.102

LUMINOUS INTENSITY DISTRIBUTION



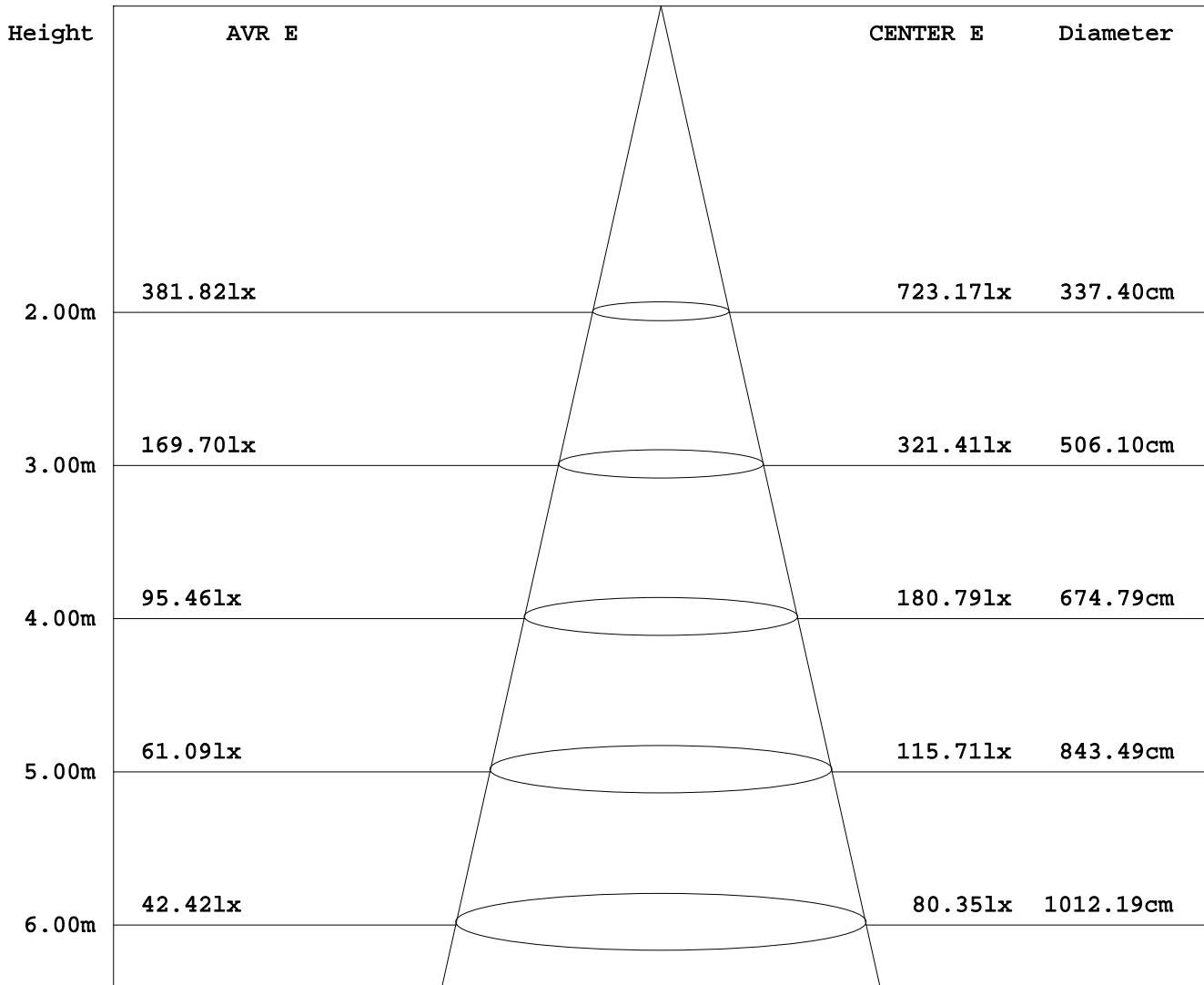
Temperature: 25.3 °C
 Operators:
 Test Date: 01-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra 0,6% Flickering

AVERAGE AND CENTER E Figure

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Angle: 80.3deg

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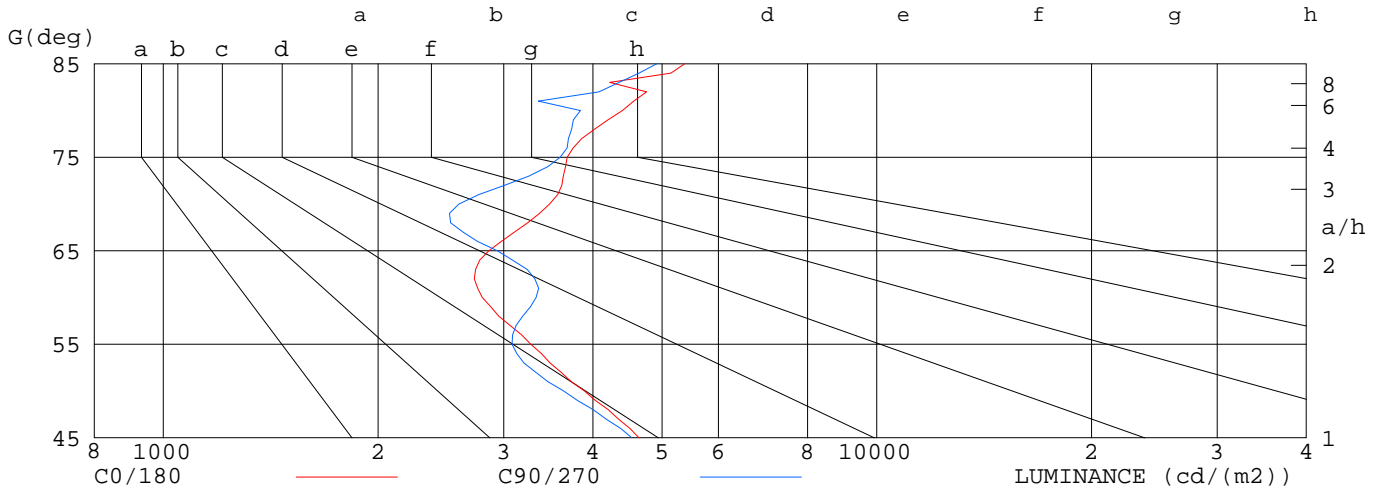
LUMINANCE LIMITATION CURVES

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LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		a	b	c	d	e	f	g	h
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	5380	4914
80	4399	3842
75	3681	3598
70	3479	2597
65	2860	2938
60	2799	3330
55	3273	3083
50	3892	3640
45	4643	4538

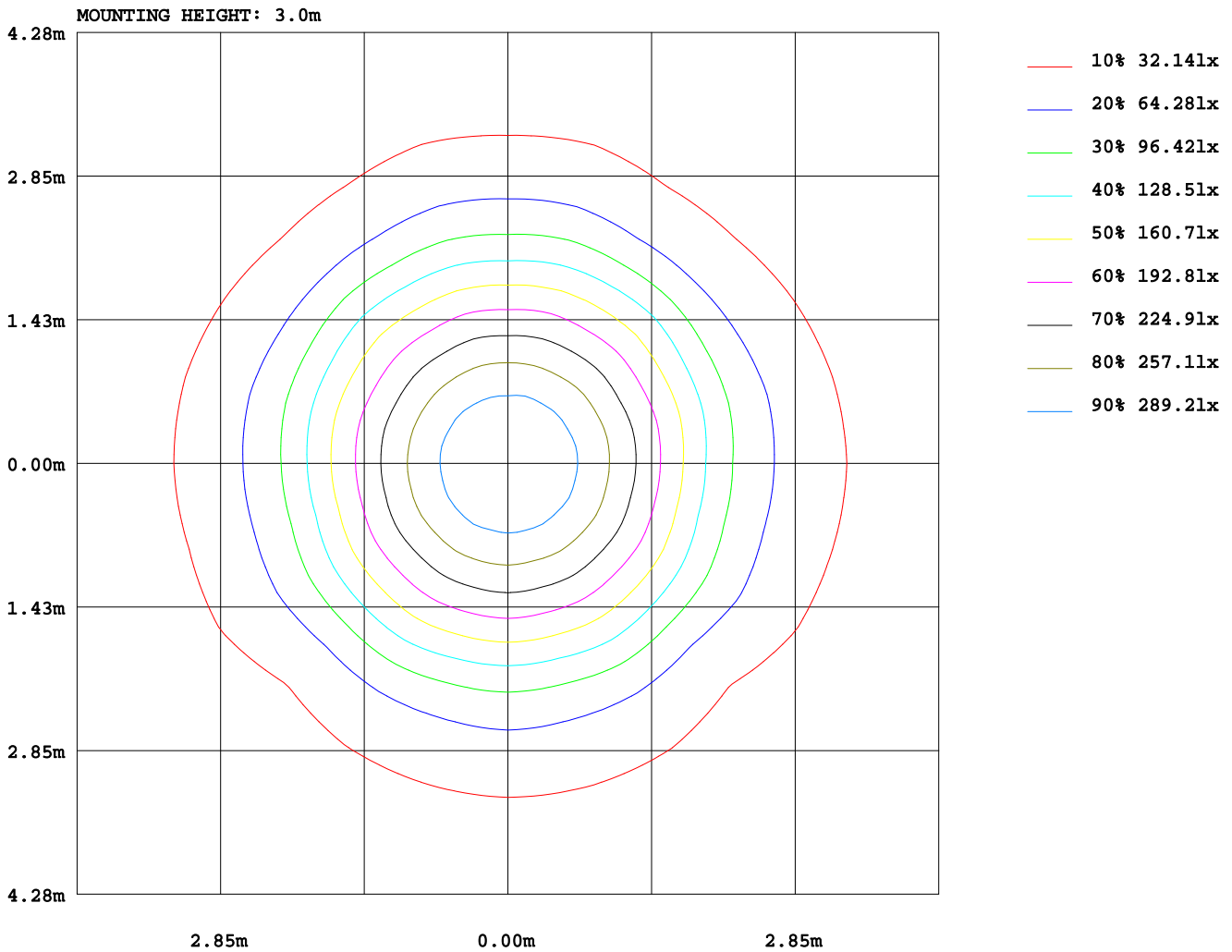
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ISOLUX DIAGRAM

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UGR Table

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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	16.0	17.3	16.3	17.5	17.8	16.1	17.4	16.4	17.6	17.8
3H	17.4	18.6	17.7	18.9	19.1	17.2	18.4	17.5	18.6	18.9
4H	18.3	19.4	18.6	19.7	20.0	18.0	19.2	18.3	19.4	19.7
6H	19.1	20.2	19.5	20.5	20.8	18.8	19.9	19.1	20.2	20.5
8H	19.5	20.6	19.9	20.9	21.2	19.1	20.2	19.5	20.5	20.8
12H	19.9	21.0	20.3	21.3	21.6	19.5	20.5	19.9	20.8	21.2
4H 2H	16.3	17.5	16.6	17.7	18.0	16.4	17.6	16.7	17.8	18.1
3H	17.9	18.9	18.3	19.2	19.6	17.7	18.7	18.1	19.0	19.3
4H	19.0	19.9	19.3	20.2	20.6	18.7	19.6	19.1	19.9	20.3
6H	20.0	20.8	20.4	21.2	21.6	19.6	20.5	20.1	20.8	21.2
8H	20.5	21.3	20.9	21.7	22.1	20.1	20.9	20.5	21.2	21.6
12H	21.0	21.7	21.4	22.1	22.5	20.5	21.3	21.0	21.7	22.1
8H 4H	19.2	20.0	19.6	20.3	20.7	18.9	19.7	19.3	20.1	20.5
6H	20.4	21.1	20.9	21.5	22.0	20.1	20.7	20.6	21.2	21.6
8H	21.1	21.7	21.6	22.1	22.6	20.7	21.2	21.2	21.7	22.2
12H	21.7	22.2	22.2	22.6	23.1	21.2	21.7	21.7	22.2	22.7
12H 4H	19.2	19.9	19.7	20.3	20.8	19.0	19.7	19.4	20.1	20.5
6H	20.5	21.1	21.0	21.5	22.0	20.2	20.8	20.7	21.2	21.7
8H	21.2	21.7	21.7	22.2	22.7	20.8	21.3	21.3	21.8	22.3

Variations with the observer position at spacings:

S = 1.0H	+ 0.2 / - 0.3	+ 0.3 / - 0.3
1.5H	+ 0.1 / - 0.2	+ 0.3 / - 0.3
2.0H	+ 0.5 / - 0.5	+ 0.2 / - 0.6

CIE Pub.117 Corrected 5671 lm Total Lamp Luminous Flux. (8log(F/F0) = 6.0)

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UNIT: cd

γ (deg)	C(deg)														
	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	2893	2894	2891	2890	2890	2894	2893	2894	2894	2890	2893	2894	2893	2894	2891
5.0	2883	2880	2886	2882	2887	2883	2884	2884	2883	2873	2880	2878	2880	2882	2874
10.0	2847	2842	2849	2845	2850	2849	2850	2841	2850	2839	2844	2835	2840	2847	2834
15.0	2785	2782	2791	2781	2789	2779	2785	2776	2786	2771	2775	2766	2768	2775	2763
20.0	2682	2671	2693	2703	2694	2673	2690	2703	2692	2668	2679	2658	2663	2672	2661
25.0	2522	2508	2540	2528	2550	2532	2549	2535	2544	2523	2529	2499	2511	2530	2512
30.0	2245	2230	2293	2297	2308	2296	2304	2299	2305	2292	2294	2245	2272	2304	2301
35.0	1814	1803	1899	1905	1962	1883	1907	1891	1964	1921	1922	1832	1872	1932	1938
40.0	1453	1434	1482	1374	1450	1440	1476	1432	1433	1367	1452	1417	1440	1492	1439
45.0	1162	1119	1137	935	1063	1096	1136	1077	1037	924	1114	1085	1128	1124	1065
50.0	886	891	817	664	813	852	828	836	779	647	817	828	840	856	784
55.0	665	760	606	487	626	685	626	676	583	472	605	713	635	723	584
60.0	495	547	505	400	512	577	589	565	474	389	499	545	481	577	472
65.0	428	423	382	381	439	411	440	402	425	360	377	409	388	427	355
70.0	421	370	300	321	303	319	314	304	306	297	296	366	382	375	268
75.0	337	290	277	223	202	291	330	286	211	218	271	293	331	317	251
80.0	270	218	186	154	204	197	236	193	185	151	195	214	233	241	201
85.0	166	113	124	69.4	117	107	152	100	106	68.1	130	113	139	165	104
90.0	17.9	3.50	18.2	3.50	18.5	3.80	22.7	3.30	14.8	3.10	15.4	3.30	5.70	26.4	4.90
95.0	12.4	3.90	11.5	3.70	11.2	3.70	11.9	3.70	11.0	3.60	11.4	3.80	4.30	12.2	4.00
100.0	11.5	4.40	10.5	4.20	10.3	4.20	10.8	4.20	10.1	4.20	10.5	4.40	4.90	11.1	4.40
105.0	10.9	5.10	10.1	5.00	9.90	4.90	10.3	4.90	9.80	4.90	10.1	5.20	5.70	10.5	5.20
110.0	10.7	6.10	10.1	5.80	10.0	5.80	10.3	5.80	9.90	5.80	10.2	6.10	6.60	10.7	6.10
115.0	11.1	7.10	10.5	6.90	10.4	6.90	10.7	6.90	10.4	6.90	10.5	7.10	7.70	11.1	7.20
120.0	11.7	8.29	11.4	8.29	11.2	8.10	11.4	8.10	11.1	8.20	11.4	8.29	8.90	11.7	8.50
125.0	12.6	9.60	12.2	9.50	12.1	9.40	12.3	9.40	12.1	9.50	12.2	9.60	10.3	12.5	9.90
130.0	13.4	10.8	13.0	10.7	13.0	10.7	13.2	10.7	13.0	10.7	13.0	10.9	11.5	13.5	11.1
135.0	14.2	11.9	13.7	11.8	13.7	11.9	14.1	11.8	13.7	11.8	13.9	12.0	12.8	14.4	12.2
140.0	15.0	12.9	14.5	12.8	14.5	13.0	14.8	12.8	14.5	12.8	14.7	13.0	13.9	15.2	13.3
145.0	15.9	13.9	15.2	13.7	15.4	14.0	15.6	13.7	15.2	13.7	15.5	14.2	14.9	16.1	14.3
150.0	16.6	15.0	16.2	14.8	16.3	15.2	16.5	14.9	16.1	14.8	16.4	15.4	16.0	17.0	15.4
155.0	17.6	16.3	17.2	16.0	17.2	16.3	17.2	16.1	17.1	15.9	17.2	16.5	17.1	17.9	16.4
160.0	18.6	17.5	18.2	17.2	18.1	17.5	18.2	17.2	18.1	17.2	18.2	17.7	18.1	18.9	17.5
165.0	19.6	18.5	19.4	18.4	19.2	18.6	19.4	18.4	19.2	18.4	19.2	18.7	19.3	19.6	18.5
170.0	20.5	19.4	20.2	19.4	20.0	19.4	20.2	19.3	20.2	19.4	20.0	19.5	20.2	20.2	19.4
175.0	21.1	20.0	20.8	20.1	20.7	20.0	21.1	20.0	20.8	20.1	20.7	20.0	21.0	20.8	20.0
180.0	21.4	20.5	21.0	20.5	21.0	20.4	21.2	20.4	21.0	20.5	21.0	20.4	21.4	21.0	20.5

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 Humidity: 65.0%
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LUMINOUS DISTRIBUTION INTENSITY DATA

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UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	2890	2890	2894	2893	2894	2894	2890	2893	2894
5.0	2877	2874	2880	2877	2881	2882	2885	2881	2886
10.0	2843	2836	2841	2837	2848	2840	2848	2838	2848
15.0	2776	2769	2774	2767	2780	2777	2787	2779	2792
20.0	2675	2663	2684	2665	2680	2699	2696	2706	2693
25.0	2535	2519	2548	2523	2550	2537	2555	2527	2543
30.0	2312	2306	2304	2297	2303	2330	2308	2302	2299
35.0	2007	1943	1954	1910	1964	1960	2001	1909	1889
40.0	1456	1422	1493	1447	1487	1390	1413	1434	1494
45.0	988	1008	1097	1085	1084	977	989	1073	1143
50.0	698	730	818	763	818	720	708	801	880
55.0	486	546	649	580	650	543	503	611	756
60.0	388	461	529	471	537	465	405	484	582
65.0	366	380	414	374	416	385	383	345	441
70.0	314	285	365	353	366	288	316	283	400
75.0	246	236	310	318	316	237	252	272	318
80.0	195	179	188	214	238	181	198	200	256
85.0	111	86.0	146	121	150	85.6	104	99.5	168
90.0	19.0	3.90	20.6	3.80	18.0	3.20	15.2	3.40	20.2
95.0	11.1	3.80	11.9	3.90	11.8	3.70	11.0	3.70	12.2
100.0	10.3	4.30	10.8	4.40	10.8	4.20	10.2	4.30	11.1
105.0	10.0	5.10	10.5	5.20	10.4	5.00	9.90	5.00	10.5
110.0	10.2	6.00	10.5	6.20	10.5	6.00	10.0	6.00	10.5
115.0	10.7	7.20	10.9	7.20	10.8	7.10	10.5	7.00	11.0
120.0	11.5	8.50	11.5	8.50	11.5	8.40	11.3	8.29	11.5
125.0	12.4	9.80	12.5	9.80	12.4	9.70	12.3	9.70	12.5
130.0	13.3	11.0	13.4	11.1	13.4	11.0	13.2	10.9	13.4
135.0	14.2	12.2	14.3	12.3	14.3	12.2	14.1	12.0	14.2
140.0	15.0	13.2	15.0	13.4	15.2	13.2	14.8	13.0	15.0
145.0	15.7	14.1	15.9	14.4	16.0	14.2	15.6	14.0	15.8
150.0	16.5	15.2	16.6	15.5	16.9	15.2	16.4	15.0	16.6
155.0	17.4	16.3	17.6	16.5	17.8	16.3	17.2	16.2	17.6
160.0	18.4	17.5	18.6	17.6	18.7	17.4	18.2	17.4	18.6
165.0	19.3	18.6	19.5	18.7	19.6	18.4	19.3	18.6	19.5
170.0	20.2	19.4	20.2	19.6	20.2	19.4	20.1	19.4	20.2
175.0	20.8	20.0	20.8	20.2	20.8	20.0	20.7	20.0	20.8
180.0	21.0	20.5	21.0	20.7	21.0	20.5	21.0	20.4	21.0

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