

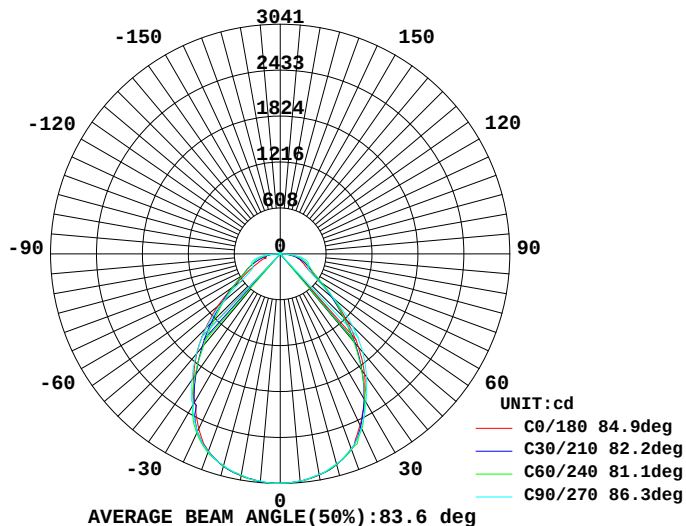
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Office Advanced 5000K 40W Microprism		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4980	DIMENSION: 595x595x20	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	3041	S/MH(C0/180)	1.13
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.15
NOMINAL POWER(W)	42	TOTAL FLUX(lm)	6066.9	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	147.3	Current(A)	0.194
NOMINAL FLUX(lm)	6066.9	η up(%)	1.3	Power(W)	41.18
LAMPS QUANTITY	1	η down(%)	98.7	Power Factor(PF)	0.963
TEST VOLTAGE(V)	220.4	Effective Flux(lm)	6066.9	EEI	0.092

LUMINOUS INTENSITY DISTRIBUTION



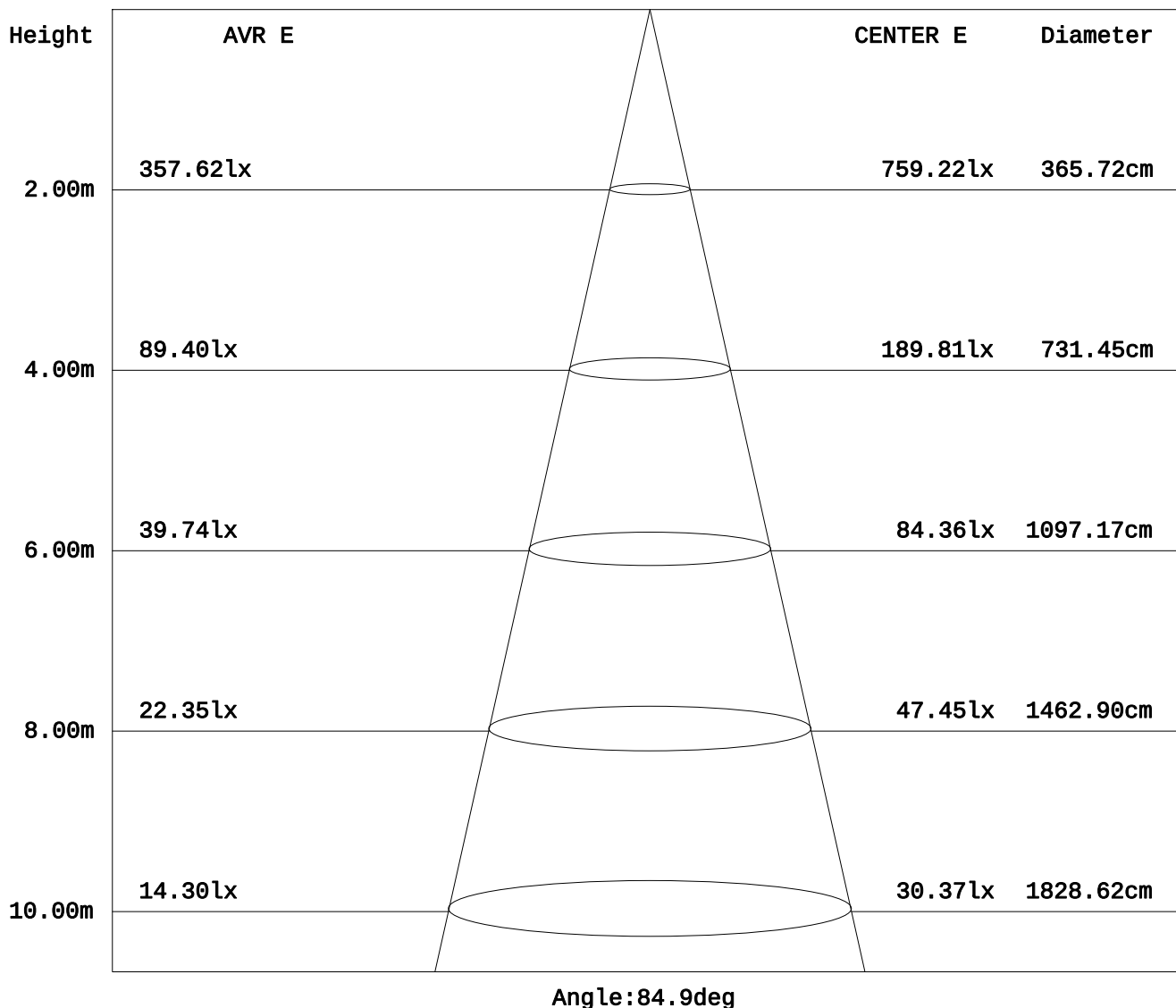
Test System:
 Temperature:25.3'C
 Operators:
 Test Date:03-17-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 82Ra. 1.1% Flicker. 27.1 Temp

AVERAGE AND CENTER E Figure

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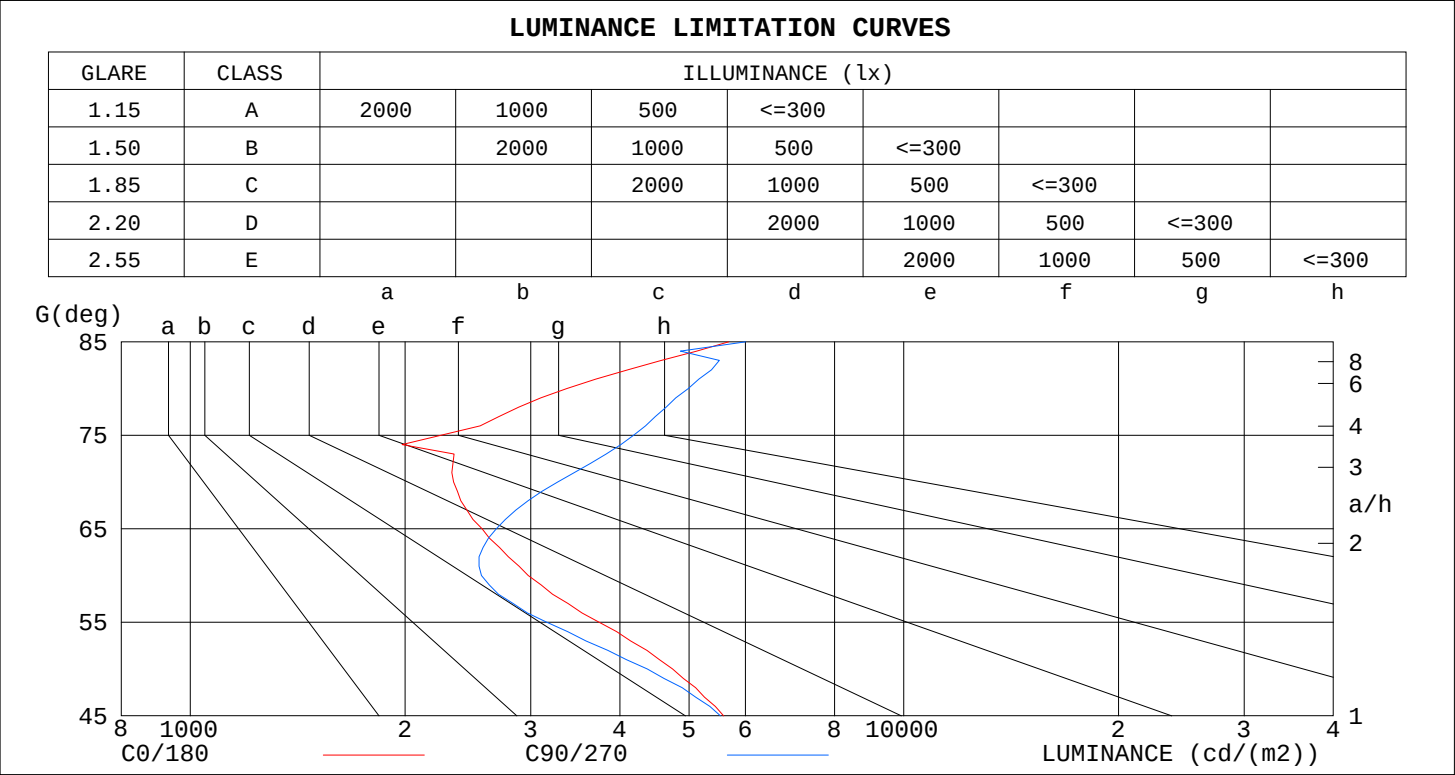
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LUMINANCE LIMITATION CURVES

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LUMINANCE cd/m2		
G(deg)	C0/180	C90/270
85	5681	6002
80	3370	4989
75	2244	4180
70	2339	3272
65	2564	2685
60	2975	2559
55	3740	3160
50	4741	4370
45	5591	5535

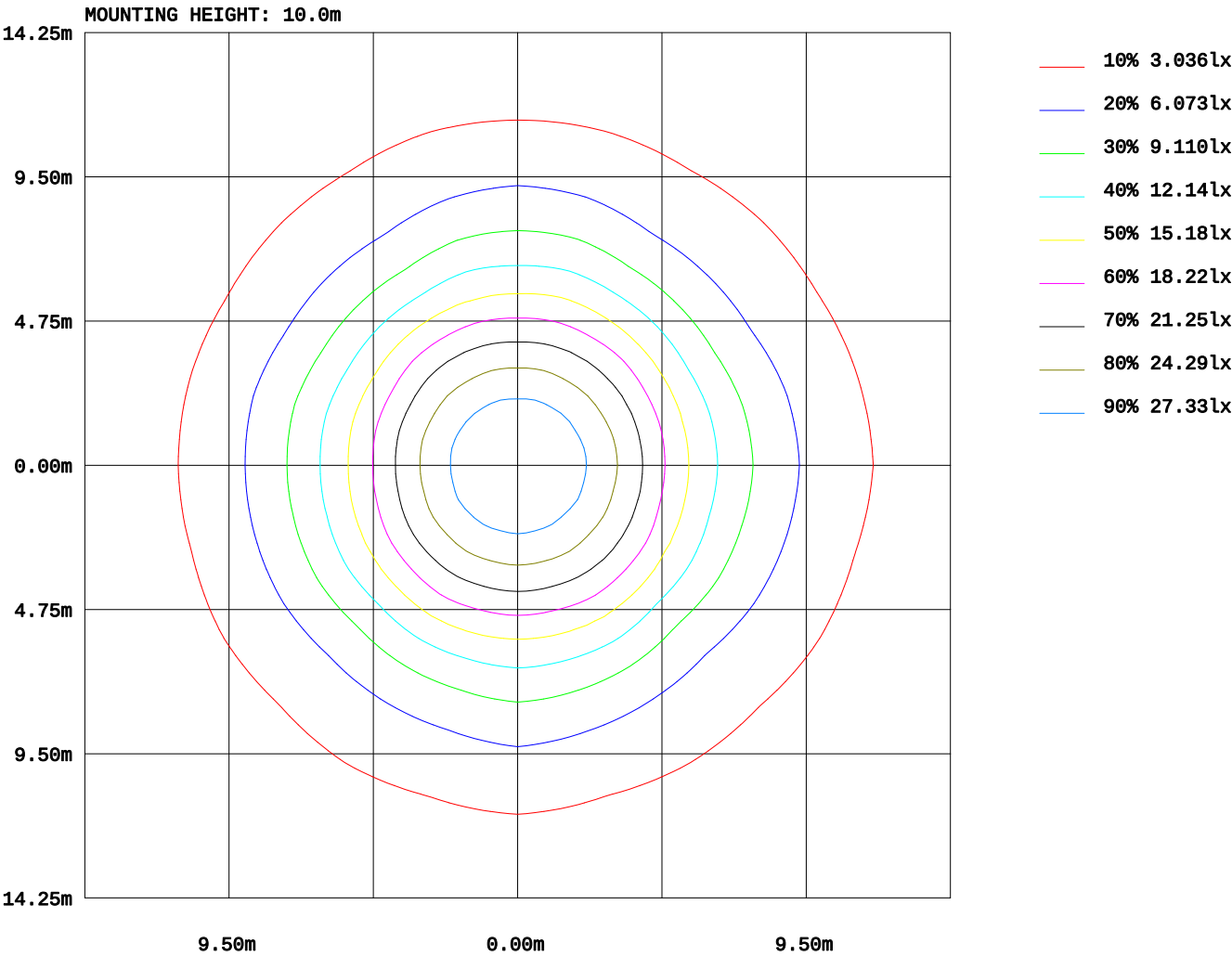
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ISOLUX DIAGRAM

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UGR Table

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SPECIFICATION:	CCT(K): 4980	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	16.5	17.8	16.8	18.1	18.3	16.2	17.6	16.5	17.8	18.0
3H	17.3	18.6	17.6	18.8	19.1	17.5	18.8	17.8	19.0	19.3
4H	17.7	18.9	18.0	19.2	19.4	18.5	19.7	18.8	20.0	20.2
6H	18.3	19.4	18.6	19.7	20.0	19.6	20.7	19.9	21.0	21.3
8H	18.7	19.8	19.1	20.1	20.4	20.1	21.2	20.4	21.5	21.8
12H	19.2	20.2	19.6	20.5	20.9	20.4	21.5	20.8	21.8	22.1
4H 2H	16.9	18.1	17.2	18.3	18.6	16.7	17.9	17.0	18.1	18.4
3H	18.0	19.1	18.4	19.4	19.7	18.3	19.3	18.6	19.6	19.9
4H	18.6	19.6	19.0	19.9	20.3	19.5	20.4	19.8	20.7	21.1
6H	19.4	20.2	19.8	20.6	21.0	20.7	21.6	21.1	21.9	22.3
8H	19.9	20.6	20.3	21.0	21.4	21.3	22.1	21.7	22.5	22.9
12H	20.4	21.2	20.9	21.6	22.0	21.7	22.4	22.2	22.8	23.3
8H 4H	19.0	19.8	19.4	20.2	20.6	19.7	20.5	20.1	20.9	21.3
6H	19.9	20.6	20.4	21.0	21.5	21.2	21.9	21.7	22.3	22.7
8H	20.5	21.1	21.0	21.6	22.0	21.9	22.5	22.4	22.9	23.4
12H	21.2	21.7	21.7	22.2	22.7	22.5	23.0	23.0	23.4	23.9
12H 4H	19.1	19.8	19.5	20.2	20.6	19.7	20.5	20.2	20.9	21.3
6H	20.1	20.6	20.5	21.1	21.6	21.3	21.8	21.7	22.3	22.8
8H	20.7	21.2	21.2	21.7	22.2	22.0	22.5	22.5	23.0	23.5

Variations with the observer position at spacings:

S = 1.0H	+ 0.3 / - 0.3	+ 0.2 / - 0.2
1.5H	+ 0.2 / - 0.2	+ 0.1 / - 0.2
2.0H	+ 0.6 / - 0.5	+ 0.4 / - 0.4

CIE Pub.117 Corrected 6067 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.3)

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UNIT: cd

C(deg) γ (deg)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	3037	3037	3035	3036	3038	3038	3035	3037	3037	3039	3036	3036	3037	3037	3035
5.0	3026	3026	3029	3024	3024	3017	3019	3017	3021	3024	3030	3021	3021	3027	3022
10.0	2982	2982	2980	2982	2982	2968	2974	2969	2978	2971	2976	2976	2975	2982	2973
15.0	2907	2897	2910	2896	2910	2893	2899	2892	2906	2900	2904	2884	2888	2895	2889
20.0	2781	2767	2785	2780	2802	2775	2785	2772	2795	2776	2775	2744	2741	2760	2755
25.0	2557	2551	2598	2601	2621	2590	2598	2584	2608	2573	2562	2518	2504	2529	2525
30.0	2274	2252	2282	2282	2298	2311	2306	2303	2292	2265	2274	2239	2235	2254	2223
35.0	1998	1956	1948	1882	1969	1994	2039	1973	1958	1906	1953	1937	1944	1954	1887
40.0	1719	1667	1614	1518	1579	1647	1729	1626	1587	1546	1599	1604	1614	1623	1541
45.0	1400	1342	1297	1207	1237	1278	1386	1270	1249	1202	1245	1232	1252	1250	1190
50.0	1079	997	1013	958	982	935	995	942	977	913	933	880	905	902	886
55.0	760	712	770	761	765	664	642	663	745	698	686	629	631	658	662
60.0	527	520	587	591	586	488	453	481	566	544	529	469	446	496	510
65.0	384	399	482	439	471	416	402	411	462	426	436	387	360	409	414
70.0	283	310	381	329	400	391	396	391	391	330	363	332	305	351	345
75.0	206	242	285	247	342	356	383	360	331	249	281	277	250	291	279
80.0	207	195	202	178	268	287	307	291	257	176	202	209	217	235	180
85.0	175	123	120	82.0	160	139	185	132	152	78.0	110	102	113	148	79.1
90.0	36.7	5.20	18.7	3.80	20.6	5.00	28.7	7.20	27.1	5.60	19.6	4.60	4.10	15.7	3.80
95.0	11.8	4.30	11.5	4.30	12.0	4.50	12.4	4.50	12.1	4.50	11.5	4.40	4.70	11.5	4.50
100.0	11.0	4.90	10.8	5.00	11.2	5.10	11.5	5.20	11.3	5.20	10.9	5.10	5.50	11.0	5.30
105.0	10.8	5.80	10.5	5.80	10.9	5.90	11.2	6.10	11.1	6.10	10.9	6.10	6.60	11.0	6.20
110.0	11.1	6.90	10.9	6.80	11.1	7.00	11.4	7.20	11.3	7.10	11.2	7.20	7.80	11.4	7.40
115.0	11.7	8.10	11.4	8.10	11.7	8.20	12.0	8.40	11.8	8.29	11.8	8.50	9.09	12.1	8.60
120.0	12.6	9.50	12.3	9.40	12.5	9.60	12.9	9.70	12.7	9.70	12.6	9.80	10.5	13.0	10.1
125.0	13.7	10.9	13.2	10.8	13.4	11.0	13.7	11.1	13.6	11.0	13.6	11.2	12.1	14.0	11.5
130.0	14.7	12.2	14.3	12.1	14.4	12.3	14.8	12.4	14.5	12.3	14.5	12.5	13.4	15.0	12.9
135.0	15.7	13.5	15.2	13.4	15.4	13.5	15.7	13.6	15.5	13.6	15.7	13.9	14.7	16.1	14.3
140.0	16.6	14.7	16.2	14.5	16.3	14.8	16.5	14.7	16.4	14.9	16.6	15.2	16.0	17.2	15.6
145.0	17.7	15.9	17.2	15.8	17.2	16.0	17.4	15.9	17.4	16.1	17.8	16.5	17.2	18.4	16.9
150.0	18.7	17.2	18.1	17.1	18.4	17.2	18.5	17.2	18.4	17.2	18.9	18.0	18.6	19.5	18.0
155.0	19.9	18.7	19.4	18.4	19.4	18.7	19.6	18.6	19.6	18.7	19.9	19.3	19.7	20.6	19.3
160.0	21.0	20.0	20.7	19.6	20.6	20.0	20.7	19.9	20.8	19.9	21.0	20.5	21.0	21.6	20.4
165.0	22.1	21.1	21.7	20.9	21.6	21.1	21.9	21.0	21.9	21.1	22.0	21.4	22.1	22.4	21.2
170.0	23.0	22.0	22.7	21.7	22.5	21.9	22.9	21.9	22.7	22.0	22.7	22.1	23.0	23.0	22.1
175.0	23.6	22.5	23.2	22.6	23.1	22.5	23.6	22.6	23.4	22.7	23.2	22.6	23.5	23.2	22.7
180.0	23.9	23.0	23.5	23.1	23.5	22.9	23.9	23.0	23.6	23.1	23.6	23.0	23.9	23.5	23.0

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UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	3036	3038	3038	3035	3037	3037	3039	3036	3036
5.0	3021	3018	3022	3020	3023	3018	3025	3019	3025
10.0	2978	2965	2975	2968	2975	2965	2977	2977	2982
15.0	2900	2886	2891	2883	2891	2884	2894	2888	2906
20.0	2768	2756	2759	2748	2760	2755	2773	2762	2775
25.0	2569	2558	2567	2545	2568	2559	2573	2552	2558
30.0	2247	2246	2290	2271	2303	2271	2272	2242	2266
35.0	1884	1879	1987	1992	2000	1913	1899	1889	1966
40.0	1531	1520	1653	1703	1671	1544	1544	1560	1672
45.0	1200	1192	1298	1361	1309	1212	1238	1253	1352
50.0	923	921	952	935	963	961	995	990	1032
55.0	713	673	658	602	682	742	797	766	761
60.0	551	515	497	444	513	568	609	573	570
65.0	430	441	442	409	447	465	454	455	447
70.0	347	382	419	396	418	394	348	358	352
75.0	279	322	382	372	383	331	273	252	281
80.0	202	230	296	291	302	238	208	169	191
85.0	115	111	179	149	187	124	122	86.4	164
90.0	14.2	4.00	20.1	5.40	30.1	8.40	26.9	9.80	37.5
95.0	11.5	4.70	12.5	4.70	12.7	4.70	11.8	4.40	11.9
100.0	11.0	5.40	11.5	5.40	11.8	5.40	11.2	5.20	11.1
105.0	11.0	6.30	11.4	6.40	11.5	6.40	11.0	6.10	10.9
110.0	11.3	7.50	11.7	7.60	11.8	7.50	11.4	7.20	11.2
115.0	12.0	8.80	12.4	9.00	12.5	8.80	12.1	8.40	11.8
120.0	13.0	10.3	13.4	10.5	13.5	10.2	13.0	9.90	12.7
125.0	14.0	11.8	14.5	12.0	14.4	11.7	14.0	11.3	13.7
130.0	15.0	13.2	15.5	13.3	15.5	13.0	15.0	12.7	14.9
135.0	16.2	14.5	16.5	14.5	16.5	14.4	16.2	14.0	15.9
140.0	17.2	15.7	17.2	15.7	17.5	15.7	17.2	15.2	16.9
145.0	18.1	16.7	18.2	16.9	18.5	16.9	18.1	16.5	17.9
150.0	19.2	18.0	19.4	18.0	19.5	18.1	19.3	17.7	19.0
155.0	20.2	19.4	20.4	19.3	20.6	19.4	20.2	19.1	20.1
160.0	21.2	20.5	21.5	20.5	21.6	20.5	21.4	20.2	21.2
165.0	22.2	21.5	22.3	21.6	22.6	21.4	22.3	21.4	22.2
170.0	23.0	22.3	23.0	22.5	23.1	22.2	23.0	22.2	22.9
175.0	23.5	22.7	23.4	23.0	23.5	22.7	23.5	22.7	23.4
180.0	23.6	23.0	23.5	23.2	23.5	23.1	23.7	23.1	23.5

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