

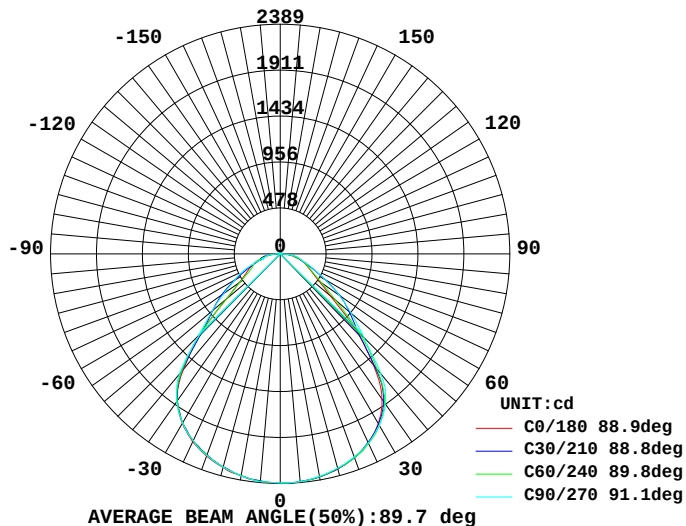
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Office BASIC 40W 5000K 82Ra Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5232	DIMENSION: 596x592x20	SERIAL No.:

DATA OF LAMP		Imax(cd)	2389	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.26
NOMINAL POWER(W)	38	TOTAL FLUX(lm)	5278.5	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	138.3	Current(A)	0.177
NOMINAL FLUX(lm)	5278.5	η up(%)	1.3	Power(W)	38.16
LAMPS QUANTITY	1	η down(%)	98.7	Power Factor(PF)	0.976
TEST VOLTAGE(V)	220.4	Effective Flux(lm)	5278.5	EEI	0.099

LUMINOUS INTENSITY DISTRIBUTION



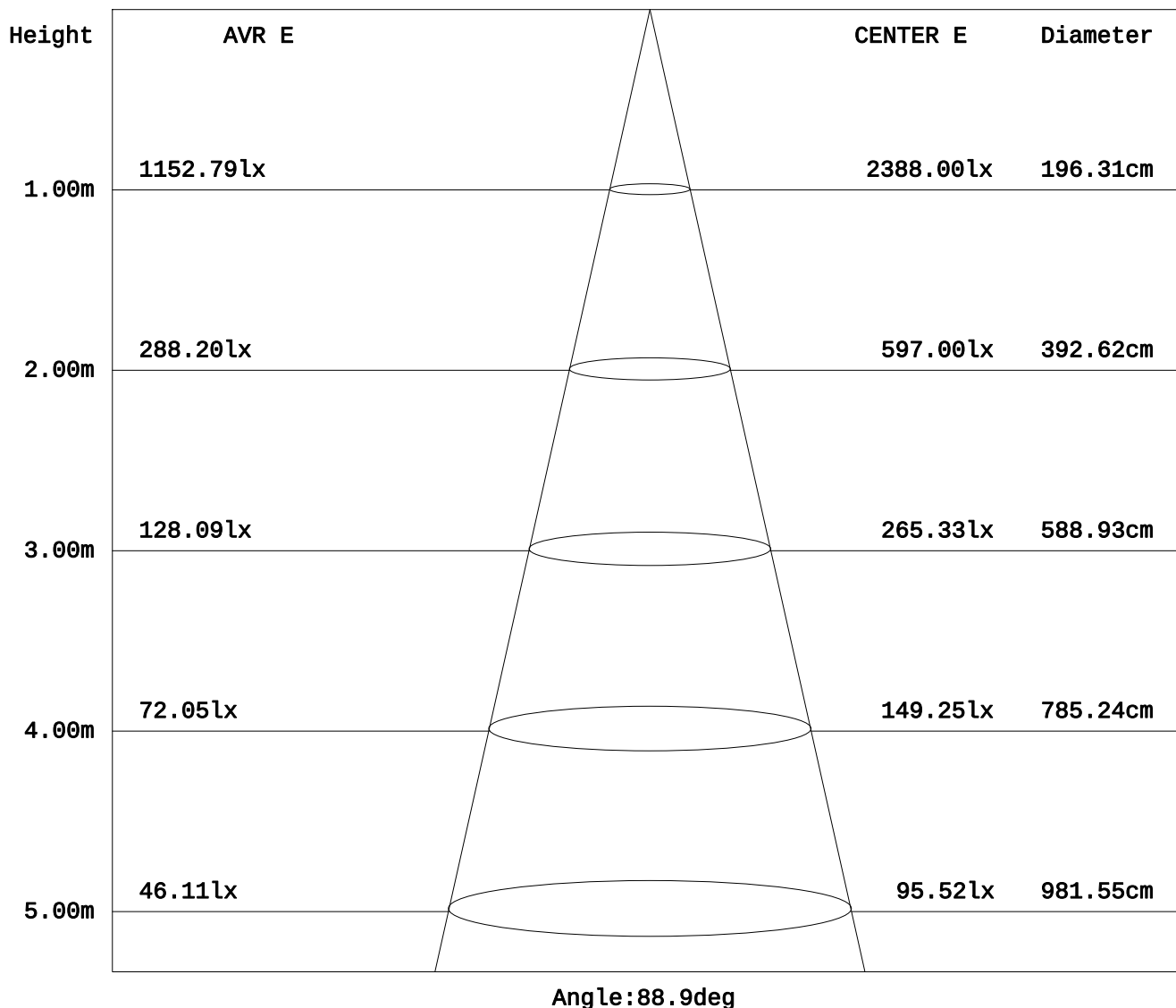
Temperature: 25.3°C
 Operators:
 Test Date: 24-01-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra. 0,2% Flickering. Temp 33.6C

AVERAGE AND CENTER E Figure

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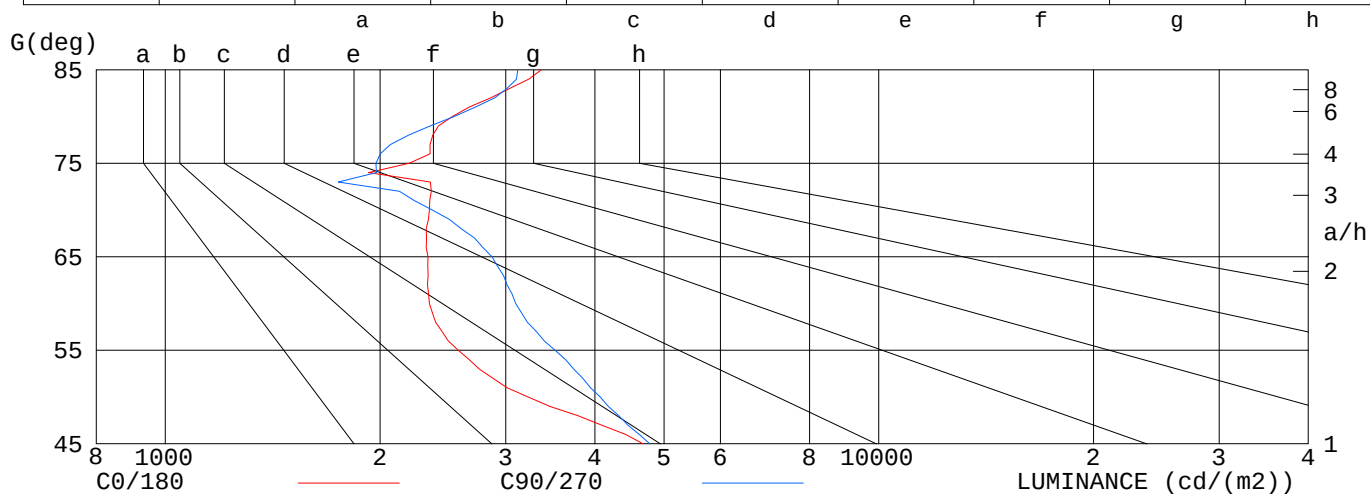
LUMINANCE LIMITATION CURVES

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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	3364	3118
80	2525	2539
75	2196	1973
70	2345	2367
65	2334	2870
60	2345	3098
55	2573	3518
50	3224	4069
45	4674	4777

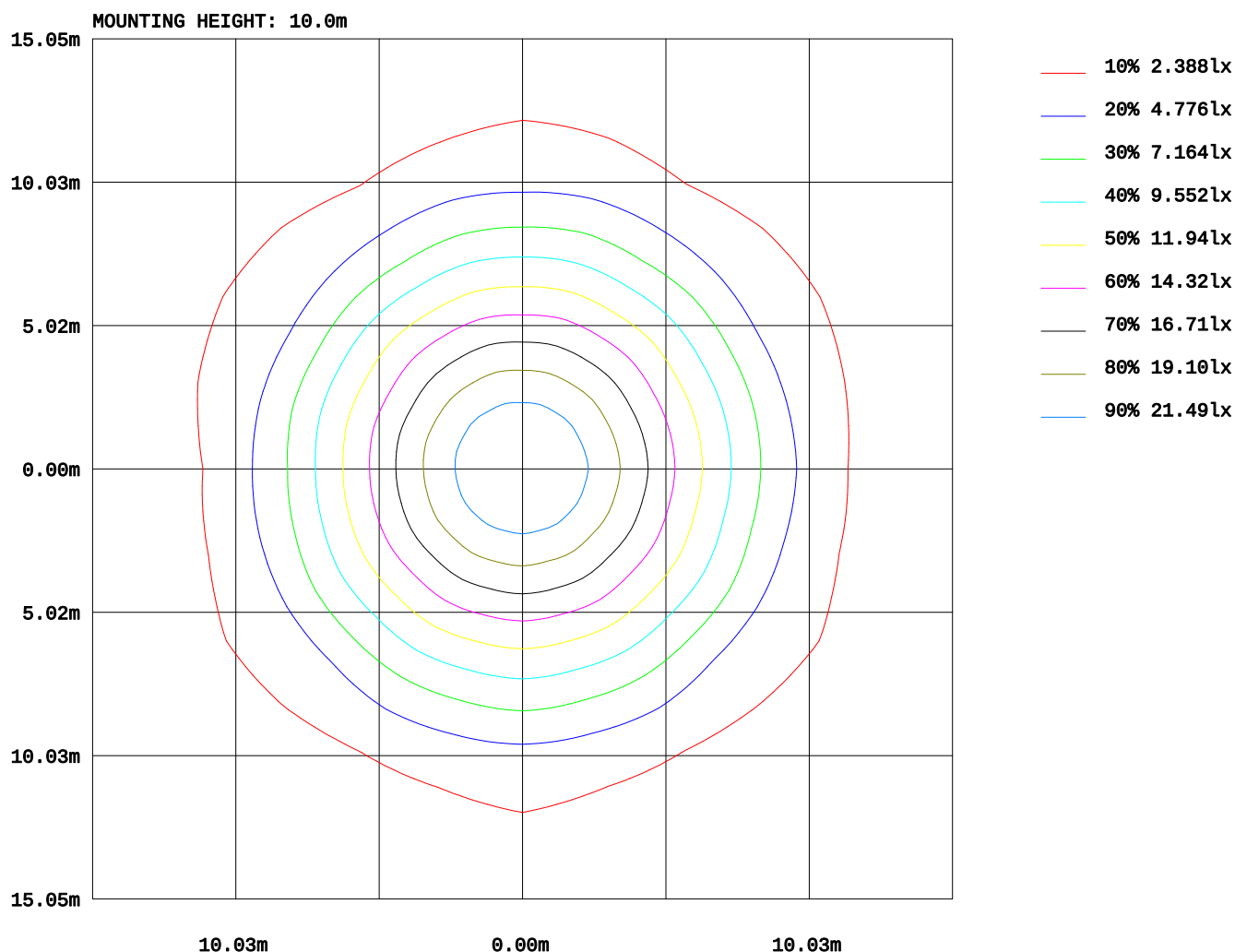
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ISOLUX DIAGRAM

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UGR Table

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NAME: Office BASIC 40W 5000K 82Ra Microprisma			TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5232	DIMENSION: 596x592x20		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	16.0	17.4	16.3	17.6	17.8	15.9	17.2	16.2	17.4	17.7
3H	17.0	18.3	17.3	18.5	18.8	17.0	18.3	17.3	18.5	18.8
4H	17.5	18.7	17.9	19.0	19.3	17.4	18.6	17.7	18.8	19.1
6H	18.0	19.1	18.3	19.4	19.7	17.8	18.9	18.1	19.2	19.5
8H	18.2	19.3	18.5	19.6	19.9	18.0	19.1	18.4	19.4	19.7
12H	18.4	19.5	18.8	19.8	20.1	18.2	19.3	18.6	19.6	19.9
4H 2H	16.3	17.5	16.6	17.8	18.0	16.2	17.4	16.5	17.7	17.9
3H	17.5	18.6	17.9	18.9	19.2	17.6	18.6	17.9	18.9	19.2
4H	18.2	19.1	18.6	19.5	19.8	18.1	19.0	18.5	19.4	19.7
6H	18.8	19.6	19.2	20.0	20.4	18.6	19.5	19.0	19.8	20.2
8H	19.1	19.9	19.5	20.3	20.7	18.9	19.7	19.3	20.1	20.5
12H	19.4	20.1	19.8	20.5	20.9	19.2	19.9	19.6	20.3	20.7
8H 4H	18.5	19.2	18.9	19.6	20.0	18.4	19.1	18.8	19.5	19.9
6H	19.3	20.0	19.8	20.4	20.8	19.1	19.7	19.5	20.1	20.6
8H	19.7	20.3	20.2	20.7	21.2	19.4	20.0	19.9	20.4	20.9
12H	20.1	20.6	20.6	21.0	21.5	19.8	20.3	20.3	20.7	21.2
12H 4H	18.5	19.2	18.9	19.6	20.0	18.4	19.1	18.9	19.5	19.9
6H	19.4	20.0	19.9	20.4	20.9	19.2	19.7	19.6	20.2	20.6
8H	19.9	20.3	20.4	20.8	21.3	19.6	20.1	20.1	20.5	21.0

Variations with the observer position at spacings:

S = 1.0H	+ 0.3 / - 0.5	+ 0.4 / - 0.4
1.5H	+ 0.3 / - 0.8	+ 0.4 / - 0.5
2.0H	+ 0.5 / - 0.7	+ 0.9 / - 0.7

CIE Pub.117 Corrected 5279 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.8)

Temperature:25.3'C
 Operators:
 Test Date:24-01-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 82Ra. 0,2% Flickering. Temp 33.6C

LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION:	CCT(K): 5232	DIMENSION: 596x592x20	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	2388	2386	2385	2384	2384	2383	2383	2381	2382	2382	2382	2381	2388	2386	2385
5.0	2376	2368	2370	2371	2376	2376	2381	2375	2377	2374	2379	2377	2382	2383	2377
10.0	2347	2336	2343	2334	2342	2342	2347	2344	2347	2345	2355	2350	2356	2360	2357
15.0	2301	2292	2293	2284	2295	2289	2298	2291	2303	2300	2309	2310	2318	2323	2315
20.0	2240	2223	2228	2216	2230	2216	2234	2224	2245	2236	2255	2246	2254	2264	2256
25.0	2157	2134	2146	2128	2144	2133	2144	2135	2158	2146	2166	2160	2165	2181	2164
30.0	2036	2010	2030	2008	2029	2014	2032	2015	2041	2025	2047	2038	2040	2064	2046
35.0	1869	1836	1866	1838	1867	1846	1879	1849	1882	1854	1887	1851	1846	1882	1875
40.0	1566	1542	1593	1566	1599	1584	1633	1592	1614	1588	1604	1538	1505	1563	1533
45.0	1170	1121	1151	1111	1178	1147	1196	1156	1199	1133	1158	1117	1107	1129	1144
50.0	734	778	919	841	734	778	926	785	741	864	917	751	683	860	938
55.0	523	582	743	632	510	561	714	558	507	640	729	554	494	652	759
60.0	415	470	543	493	380	449	548	438	371	489	541	444	383	511	544
65.0	349	383	385	367	320	380	429	370	308	367	399	373	313	402	381
70.0	284	314	268	292	290	318	287	313	285	298	289	313	269	328	281
75.0	201	225	215	222	186	207	181	209	185	215	213	227	194	254	210
80.0	155	141	183	151	142	129	156	129	146	152	190	142	130	181	153
85.0	104	65.4	96.5	57.2	81.4	58.7	96.2	59.6	87.0	56.5	92.5	61.5	62.4	91.6	66.1
90.0	23.6	5.30	17.1	3.60	14.3	3.90	16.5	4.20	14.2	3.80	14.3	3.80	4.30	15.6	3.60
95.0	10.5	4.00	10.5	4.10	10.3	4.10	10.5	4.20	10.4	4.20	10.7	4.10	4.40	10.7	4.10
100.0	10.0	4.60	10.1	4.70	9.80	4.80	10.1	4.90	10.0	4.90	10.2	4.80	5.10	10.1	4.70
105.0	9.90	5.50	9.90	5.50	9.80	5.70	10.1	5.80	10.0	5.70	10.2	5.60	6.10	10.5	5.60
110.0	10.2	6.50	10.2	6.60	10.3	6.70	10.4	6.90	10.5	6.80	10.4	6.70	7.20	10.5	6.60
115.0	10.8	7.60	10.7	7.70	11.0	7.90	11.1	8.00	11.2	7.90	11.0	7.80	8.40	11.2	7.80
120.0	11.7	8.80	11.5	8.90	11.8	9.09	11.9	9.30	12.0	9.09	11.8	9.00	9.80	12.0	9.09
125.0	12.6	10.0	12.3	10.2	12.6	10.3	12.8	10.4	12.8	10.3	12.6	10.3	11.1	12.9	10.3
130.0	13.5	11.1	13.0	11.2	13.4	11.3	13.6	11.4	13.5	11.3	13.3	11.3	12.2	13.7	11.3
135.0	14.2	12.1	13.9	12.1	14.1	12.3	14.2	12.3	14.2	12.2	14.1	12.3	13.2	14.4	12.3
140.0	14.8	13.0	14.5	13.0	14.7	13.2	14.9	13.2	14.8	13.0	14.7	13.3	14.0	15.2	13.2
145.0	15.5	13.9	15.2	13.9	15.4	14.1	15.6	14.1	15.4	14.0	15.5	14.2	14.9	16.0	14.2
150.0	16.2	14.9	16.0	14.8	16.2	15.2	16.4	15.0	16.2	15.0	16.3	15.2	15.8	16.6	15.2
155.0	17.0	15.9	16.7	15.9	17.0	16.2	17.2	16.1	17.1	16.0	17.1	16.2	16.7	17.5	16.2
160.0	17.9	17.0	18.1	16.9	17.9	17.2	18.0	17.2	18.0	17.0	18.0	17.2	17.8	18.4	17.1
165.0	18.7	17.9	18.7	17.9	18.6	18.0	18.9	17.9	18.7	17.9	18.7	18.0	18.7	19.1	17.9
170.0	19.5	18.5	19.4	18.6	19.2	18.5	19.5	18.5	19.3	18.5	19.3	18.5	19.4	19.5	18.6
175.0	19.9	18.9	19.6	19.0	19.6	18.9	19.9	18.9	19.6	18.9	19.6	18.7	19.7	19.6	19.0
180.0	20.0	19.3	19.7	19.3	19.6	19.1	19.9	19.1	19.6	19.3	19.6	19.1	20.1	19.6	19.3

Temperature:25.3'C
Operators:
Test Date:24-01-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra. 0,2% Flickering. Temp 33.6C

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	2384	2384	2383	2383	2381	2382	2382	2382	2381
5.0	2379	2379	2382	2380	2379	2372	2373	2370	2370
10.0	2365	2355	2361	2350	2358	2344	2348	2337	2341
15.0	2325	2311	2319	2310	2314	2298	2302	2289	2295
20.0	2265	2256	2265	2249	2255	2241	2246	2227	2232
25.0	2191	2175	2192	2169	2181	2160	2166	2138	2147
30.0	2074	2064	2082	2062	2080	2049	2055	2021	2030
35.0	1907	1891	1925	1906	1920	1884	1895	1854	1866
40.0	1592	1569	1641	1628	1665	1597	1630	1578	1581
45.0	1163	1170	1225	1230	1241	1214	1182	1147	1133
50.0	904	749	857	966	908	762	894	922	839
55.0	694	526	633	751	663	537	684	755	629
60.0	544	399	505	545	527	400	553	553	508
65.0	415	324	413	395	418	326	429	383	405
70.0	335	273	330	290	331	271	326	276	330
75.0	258	209	256	221	263	212	254	216	261
80.0	184	140	182	174	190	142	187	170	189
85.0	91.0	67.0	102	88.3	112	82.9	104	76.2	99.0
90.0	14.9	3.60	18.0	7.30	26.6	7.30	23.7	5.50	24.7
95.0	10.7	4.00	10.5	4.00	10.8	4.00	10.7	4.00	10.7
100.0	10.1	4.70	10.1	4.70	10.2	4.70	10.2	4.70	10.1
105.0	10.1	5.50	10.1	5.60	10.2	5.60	10.1	5.50	10.1
110.0	10.4	6.70	10.4	6.50	10.5	6.60	10.4	6.50	10.4
115.0	11.1	7.90	11.0	7.70	11.1	7.90	11.0	7.70	11.0
120.0	11.9	9.20	11.9	9.09	11.9	9.20	11.9	8.90	11.8
125.0	12.7	10.4	12.8	10.3	12.7	10.3	12.7	10.1	12.7
130.0	13.5	11.4	13.5	11.4	13.6	11.4	13.5	11.2	13.5
135.0	14.2	12.3	14.2	12.4	14.3	12.3	14.1	12.1	14.2
140.0	14.8	13.2	14.8	13.3	14.9	13.2	14.8	13.0	14.8
145.0	15.5	14.0	15.5	14.2	15.7	14.1	15.5	13.9	15.5
150.0	16.2	14.9	16.3	15.0	16.4	15.0	16.2	14.9	16.3
155.0	17.1	16.0	17.1	16.0	17.2	16.1	17.0	16.0	17.1
160.0	18.0	17.1	18.0	17.1	18.1	17.0	17.9	17.2	18.0
165.0	18.7	18.0	18.7	18.0	18.9	17.8	18.7	18.0	18.7
170.0	19.4	18.6	19.3	18.7	19.4	18.4	19.3	18.5	19.3
175.0	19.6	19.0	19.6	19.1	19.6	18.7	19.6	18.9	19.5
180.0	19.7	19.3	19.6	19.5	19.6	19.2	19.7	19.2	19.6

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