

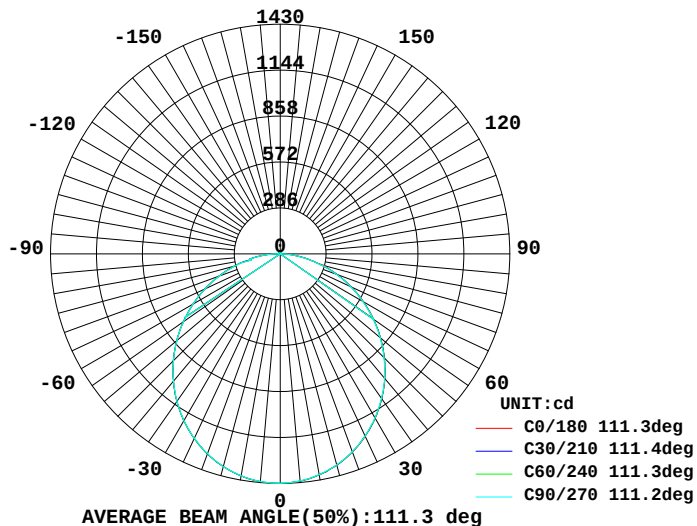
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Office Standart 595x595x40 40W 4280lm 4000K 90Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4243	DIMENSION: 595x595x40	SERIAL No.:

DATA OF LAMP		Imax(cd)	1430	S/MH(C0/180)	1.25
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.25
NOMINAL POWER(W)	38	TOTAL FLUX(lm)	4095.9	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	108.3	Current(A)	0.178
NOMINAL FLUX(lm)	4095.9	η up(%)	1.4	Power(W)	37.81
LAMPS QUANTITY	1	η down(%)	98.6	Power Factor(PF)	0.959
TEST VOLTAGE(V)	220.3	Effective Flux(lm)	4095.9	EEI	0.126

LUMINOUS INTENSITY DISTRIBUTION



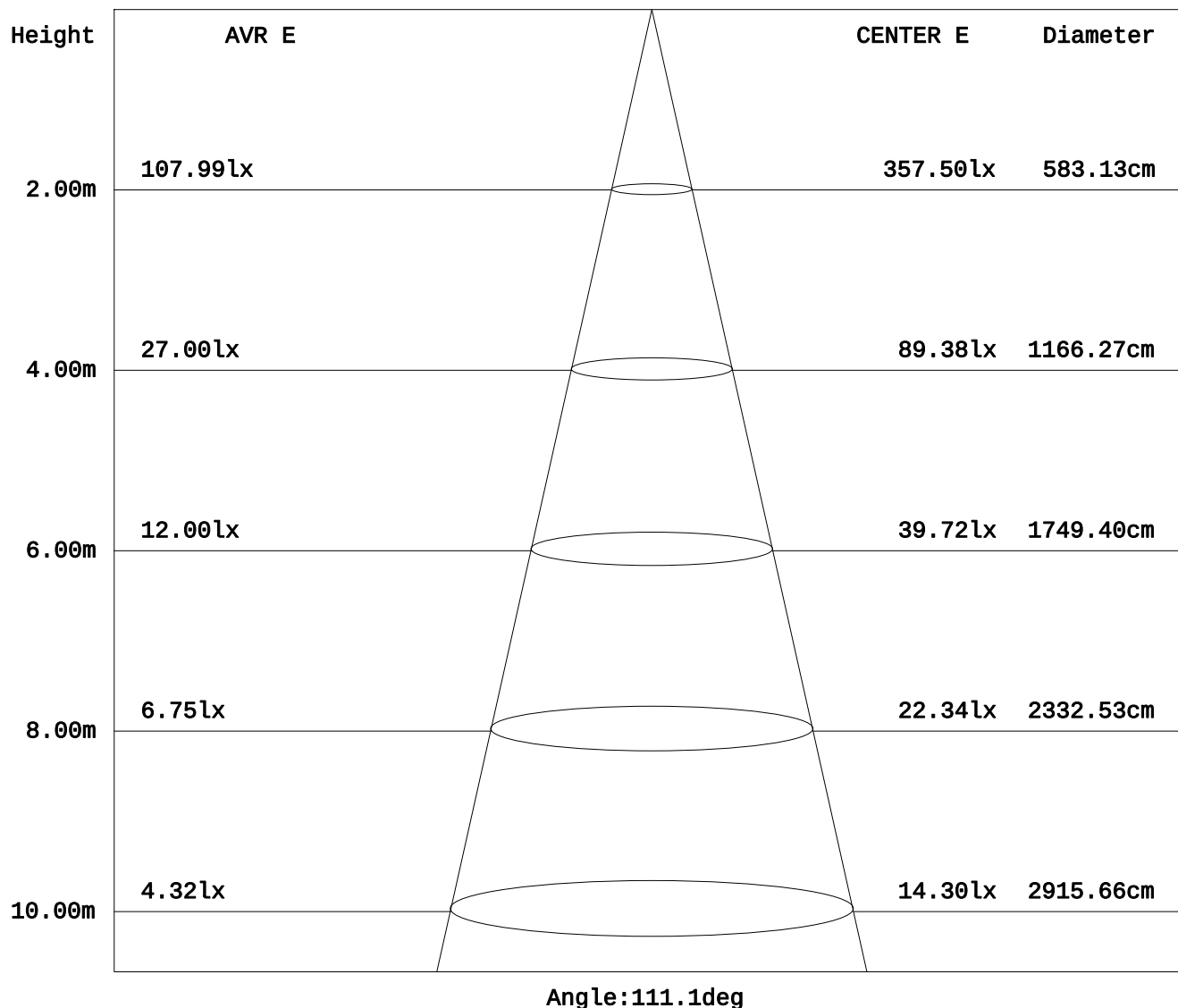
Temperature: 25.3°C
 Operators:
 Test Date: 07-11-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 92Ra. 2.1% Flickering. Temp 28.1

AVERAGE AND CENTER E Figure

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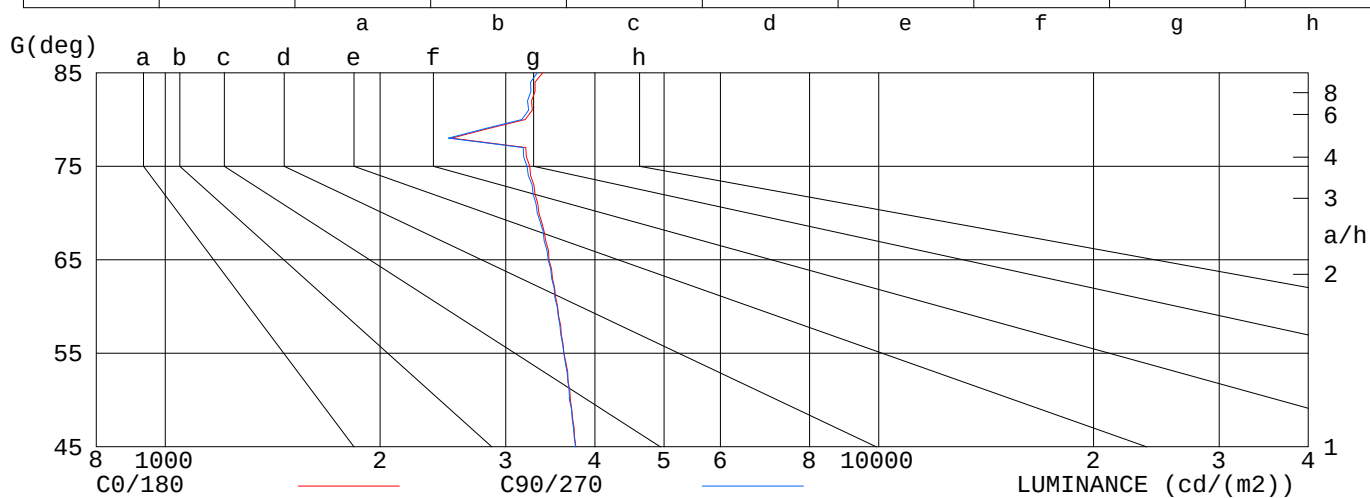
LUMINANCE LIMITATION CURVES

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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	3381	3322
80	3193	3159
75	3242	3214
70	3339	3322
65	3450	3441
60	3547	3541
55	3620	3618
50	3696	3686
45	3761	3758

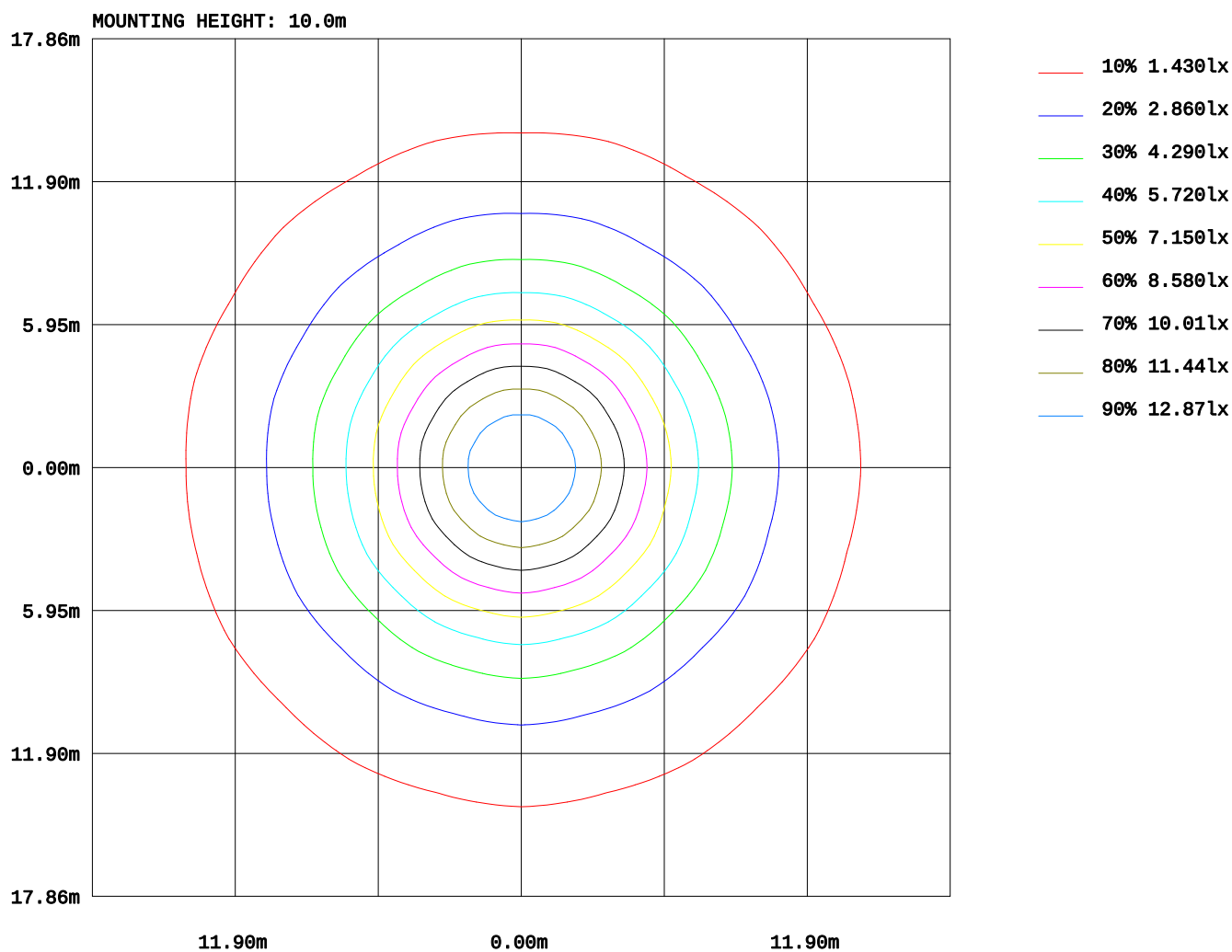
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ISOLUX DIAGRAM

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UGR Table

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NAME: Office Standart 595x595x40 40W 4280lm 4000K 90Ra Opal			TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4243	DIMENSION: 595x595x40		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	17.2	18.7	17.5	18.9	19.2	17.2	18.7	17.5	18.9	19.2
3H	18.8	20.2	19.1	20.4	20.7	18.8	20.1	19.1	20.4	20.7
4H	19.4	20.8	19.8	21.0	21.3	19.4	20.7	19.7	21.0	21.3
6H	19.9	21.1	20.2	21.4	21.7	19.9	21.1	20.2	21.4	21.7
8H	20.1	21.3	20.5	21.6	21.9	20.1	21.3	20.4	21.6	21.9
12H	20.3	21.4	20.6	21.7	22.1	20.2	21.4	20.6	21.7	22.1
4H 2H	17.8	19.2	18.2	19.4	19.7	17.8	19.2	18.2	19.4	19.7
3H	19.6	20.8	20.0	21.1	21.4	19.6	20.7	20.0	21.1	21.4
4H	20.4	21.4	20.8	21.8	22.2	20.4	21.4	20.8	21.8	22.1
6H	21.0	21.9	21.4	22.3	22.7	20.9	21.9	21.3	22.2	22.6
8H	21.2	22.1	21.6	22.5	22.9	21.2	22.0	21.6	22.4	22.9
12H	21.4	22.2	21.9	22.6	23.1	21.4	22.2	21.8	22.6	23.0
8H 4H	20.7	21.5	21.1	21.9	22.4	20.6	21.5	21.1	21.9	22.3
6H	21.4	22.2	21.9	22.6	23.0	21.4	22.1	21.8	22.5	23.0
8H	21.8	22.4	22.3	22.9	23.4	21.7	22.4	22.2	22.8	23.3
12H	22.1	22.6	22.6	23.1	23.6	22.0	22.6	22.5	23.0	23.5
12H 4H	20.7	21.5	21.1	21.9	22.3	20.7	21.5	21.1	21.9	22.3
6H	21.5	22.1	22.0	22.6	23.1	21.5	22.1	21.9	22.6	23.0
8H	21.9	22.5	22.4	22.9	23.4	21.9	22.4	22.4	22.9	23.4

Variations with the observer position at spacings:

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

CIE Pub.117 Corrected 4096 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.9)

Temperature:25.3'C
Operators:
Test Date:07-11-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 92Ra. 2.1% Flickering. Temp 28.1

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SPECIFICATION:	CCT(K): 4243	DIMENSION: 595x595x40	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	1430	1430	1430	1429	1429	1429	1429	1429	1428	1429	1428	1429	1430	1430	1430
5.0	1425	1422	1424	1422	1424	1422	1422	1420	1422	1421	1423	1421	1421	1423	1421
10.0	1405	1400	1404	1400	1405	1400	1404	1400	1403	1400	1403	1400	1398	1402	1398
15.0	1372	1367	1372	1366	1372	1365	1373	1365	1371	1365	1371	1365	1363	1368	1362
20.0	1326	1319	1326	1318	1326	1318	1323	1317	1324	1316	1323	1316	1315	1321	1313
25.0	1268	1259	1268	1259	1268	1258	1267	1256	1266	1256	1266	1256	1253	1262	1252
30.0	1200	1189	1201	1190	1201	1189	1199	1187	1199	1187	1198	1186	1183	1195	1181
35.0	1121	1109	1123	1109	1122	1109	1121	1105	1120	1106	1120	1106	1103	1116	1103
40.0	1034	1020	1035	1021	1035	1020	1034	1018	1032	1017	1032	1017	1013	1028	1013
45.0	942	927	943	926	943	925	941	924	940	923	938	922	917	935	917
50.0	841	823	842	824	842	823	839	822	839	820	838	819	817	834	816
55.0	735	717	736	717	736	716	735	713	732	713	732	712	709	728	709
60.0	628	608	629	609	629	608	627	606	625	605	625	604	599	621	598
65.0	516	495	517	495	516	494	515	493	513	492	513	491	489	509	488
70.0	404	382	405	382	404	381	402	379	401	379	401	379	377	398	376
75.0	297	289	298	288	296	289	295	290	294	290	294	290	288	291	258
80.0	196	164	196	164	196	162	194	161	194	161	195	161	160	193	159
85.0	104	71.1	105	71.1	104	69.7	103	68.4	102	68.5	102	68.5	67.5	97.8	67.1
90.0	20.7	4.80	18.4	3.50	19.1	5.00	20.1	4.10	16.2	3.30	17.2	4.50	4.80	18.4	3.60
95.0	11.2	4.00	11.1	3.90	11.1	3.90	11.0	3.90	11.0	3.90	11.0	3.90	4.40	11.1	4.10
100.0	10.5	4.60	10.4	4.60	10.4	4.60	10.3	4.60	10.3	4.50	10.3	4.60	5.10	10.5	4.80
105.0	10.2	5.20	10.1	5.20	10.1	5.20	10.1	5.20	10.0	5.20	10.0	5.20	5.80	10.2	5.40
110.0	10.2	5.90	10.0	5.90	10.0	5.90	10.0	5.80	10.0	5.80	10.0	5.90	6.50	10.3	6.10
115.0	10.2	6.60	10.1	6.50	10.0	6.50	10.1	6.50	10.0	6.50	10.1	6.50	7.20	10.3	6.80
120.0	10.5	7.20	10.3	7.10	10.2	7.10	10.3	7.10	10.2	7.10	10.2	7.20	7.90	10.5	7.40
125.0	10.7	7.90	10.5	7.80	10.5	7.80	10.5	7.70	10.4	7.70	10.5	7.80	8.60	10.8	8.10
130.0	11.0	8.40	10.8	8.29	10.7	8.40	10.9	8.29	10.7	8.29	10.8	8.40	9.20	11.1	8.70
135.0	11.3	9.00	11.1	8.90	11.1	9.00	11.2	8.90	11.0	8.90	11.1	9.00	9.80	11.4	9.20
140.0	11.7	9.50	11.4	9.50	11.4	9.60	11.5	9.40	11.3	9.50	11.5	9.70	10.3	11.8	9.80
145.0	12.0	10.1	11.7	10.0	11.7	10.2	11.8	10.0	11.5	10.0	11.8	10.2	10.9	12.1	10.3
150.0	12.3	10.5	12.0	10.4	12.1	10.7	12.2	10.5	11.9	10.5	12.1	10.7	11.3	12.4	10.8
155.0	12.5	11.1	12.3	10.9	12.4	11.2	12.4	11.0	12.3	11.0	12.4	11.2	11.7	12.7	11.1
160.0	12.7	11.5	12.6	11.4	12.6	11.5	12.6	11.4	12.6	11.3	12.6	11.5	12.2	12.9	11.5
165.0	13.0	11.8	12.8	11.7	12.8	11.8	12.9	11.7	12.8	11.7	12.8	11.9	12.5	13.0	11.8
170.0	13.0	12.1	13.0	12.0	12.9	12.0	13.0	12.0	13.0	12.0	12.9	12.1	12.8	13.0	12.1
175.0	13.3	12.2	13.0	12.3	13.0	12.2	13.2	12.2	13.0	12.2	13.0	12.2	13.0	13.0	12.2
180.0	13.3	12.5	13.0	12.5	13.0	12.5	13.2	12.5	13.0	12.5	13.0	12.4	13.4	13.0	12.5

Temperature:25.3'C
Operators:
Test Date:07-11-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 92Ra. 2.1% Flickering. Temp 28.1

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UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1429	1429	1429	1429	1429	1428	1429	1428	1429
5.0	1423	1420	1422	1420	1422	1420	1422	1421	1423
10.0	1402	1398	1402	1396	1401	1396	1402	1398	1402
15.0	1369	1361	1368	1360	1368	1361	1368	1362	1370
20.0	1322	1313	1321	1312	1320	1312	1321	1314	1323
25.0	1263	1253	1262	1250	1260	1251	1262	1253	1264
30.0	1194	1181	1193	1179	1193	1179	1193	1182	1196
35.0	1115	1101	1114	1100	1112	1101	1114	1102	1117
40.0	1027	1012	1026	1009	1024	1010	1025	1012	1029
45.0	935	916	932	913	932	913	933	916	936
50.0	834	815	832	813	830	813	832	816	835
55.0	727	708	725	706	724	705	726	708	729
60.0	620	596	618	595	617	594	618	597	622
65.0	509	486	506	484	505	484	506	487	510
70.0	397	374	394	371	393	371	395	375	399
75.0	290	256	287	253	286	254	288	257	292
80.0	192	157	189	154	189	155	190	158	193
85.0	96.9	65.5	94.5	63.5	93.5	63.5	95.0	65.8	98.1
90.0	15.7	3.60	17.5	4.10	16.3	3.40	14.3	3.40	18.1
95.0	11.1	4.10	11.1	4.10	11.0	4.00	11.0	4.00	11.1
100.0	10.5	4.80	10.5	4.80	10.4	4.70	10.4	4.70	10.4
105.0	10.2	5.50	10.3	5.50	10.2	5.30	10.1	5.30	10.2
110.0	10.2	6.10	10.2	6.10	10.2	6.00	10.1	6.00	10.1
115.0	10.4	6.80	10.3	6.80	10.3	6.70	10.2	6.60	10.2
120.0	10.5	7.40	10.5	7.50	10.5	7.30	10.4	7.30	10.4
125.0	10.8	8.10	10.8	8.10	10.7	8.00	10.5	7.90	10.7
130.0	11.1	8.60	11.1	8.80	11.0	8.60	11.0	8.50	11.0
135.0	11.3	9.20	11.4	9.30	11.4	9.20	11.3	9.09	11.3
140.0	11.7	9.70	11.7	9.90	11.7	9.70	11.5	9.60	11.5
145.0	11.9	10.2	12.0	10.4	12.1	10.2	11.9	10.1	11.9
150.0	12.2	10.7	12.3	10.9	12.4	10.7	12.1	10.5	12.2
155.0	12.5	11.1	12.5	11.2	12.7	11.1	12.4	11.1	12.5
160.0	12.7	11.5	12.8	11.5	12.9	11.5	12.7	11.5	12.7
165.0	12.9	11.9	12.9	11.9	13.0	11.8	12.9	11.8	12.9
170.0	13.0	12.1	13.0	12.2	13.0	12.0	13.0	12.1	13.0
175.0	13.0	12.3	13.0	12.4	13.0	12.2	13.0	12.2	13.0
180.0	13.0	12.5	13.0	12.6	13.0	12.4	13.0	12.5	13.0

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