

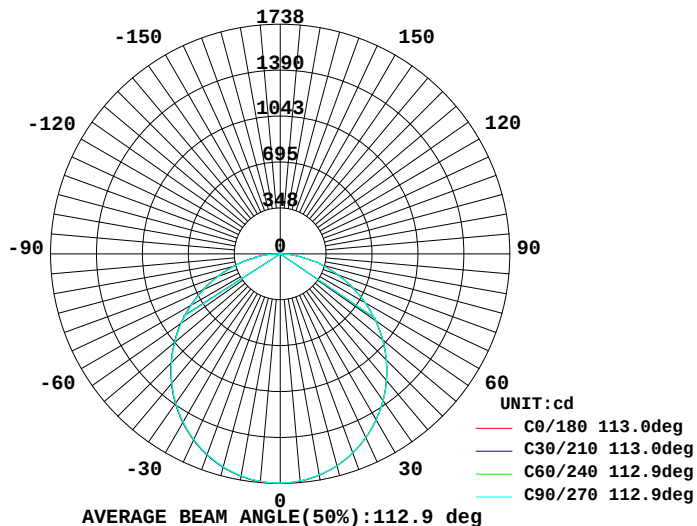
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Office BASIC 40W 5000K 82Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5179	DIMENSION: 596x592x20	SERIAL No.:

DATA OF LAMP		Imax(cd)	1738	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.26
NOMINAL POWER(W)	38	TOTAL FLUX(lm)	5052.2	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	132.6	Current(A)	0.177
NOMINAL FLUX(lm)	5052.2	η up(%)	1.4	Power(W)	38.11
LAMPS QUANTITY	1	η down(%)	98.6	Power Factor(PF)	0.976
TEST VOLTAGE(V)	220.4	Effective Flux(lm)	5052.2	EEI	0.103

LUMINOUS INTENSITY DISTRIBUTION



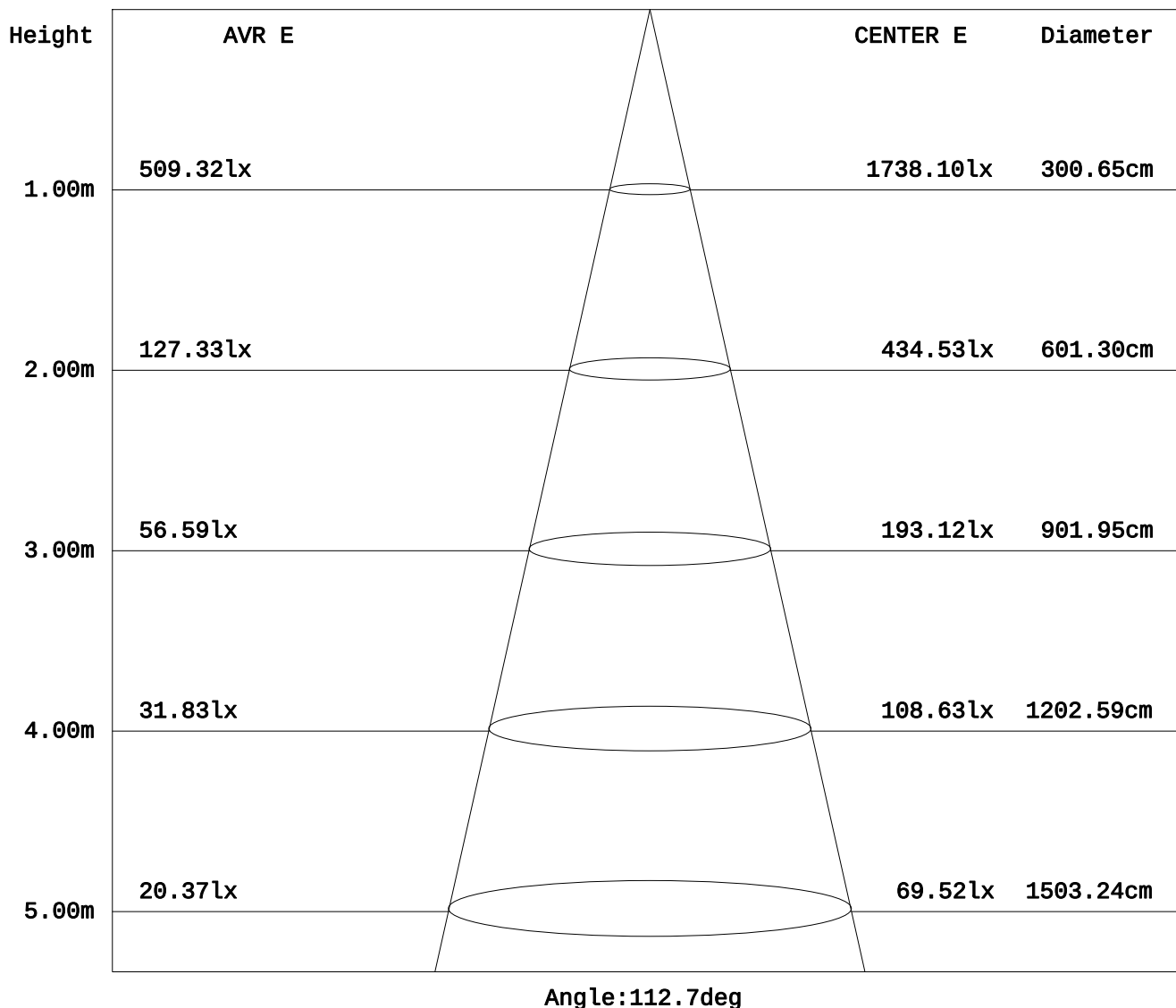
Temperature: 25.3°C
 Operators:
 Test Date: 24-01-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra. 0,2% Flickering. Temp 34.8C

AVERAGE AND CENTER E Figure

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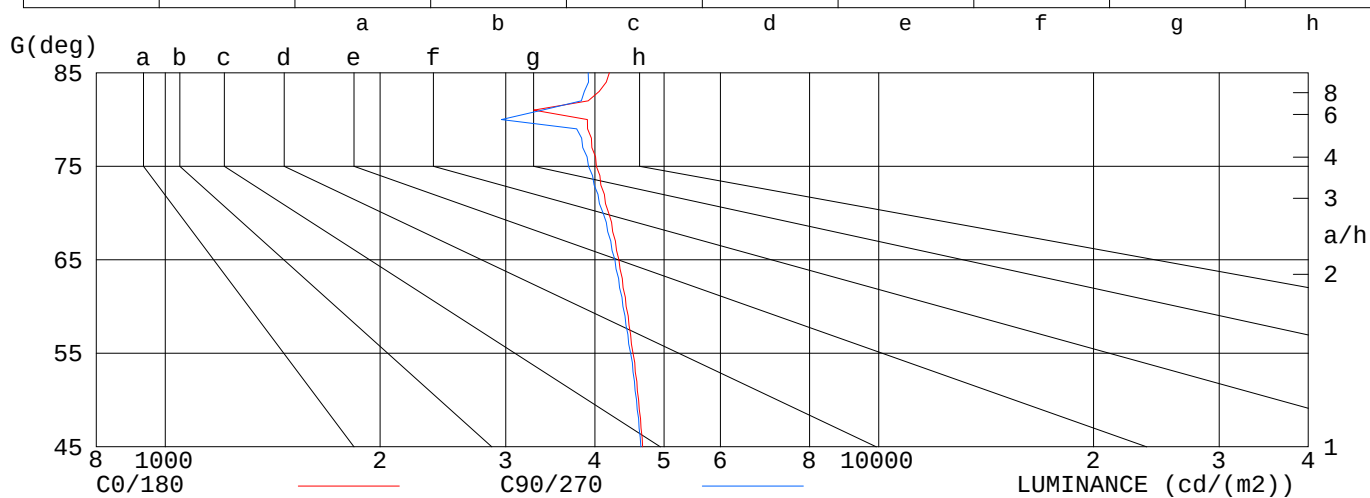
LUMINANCE LIMITATION CURVES

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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	4191	3915
80	3904	2959
75	4020	3918
70	4183	4107
65	4324	4267
60	4425	4379
55	4525	4488
50	4607	4575
45	4666	4639

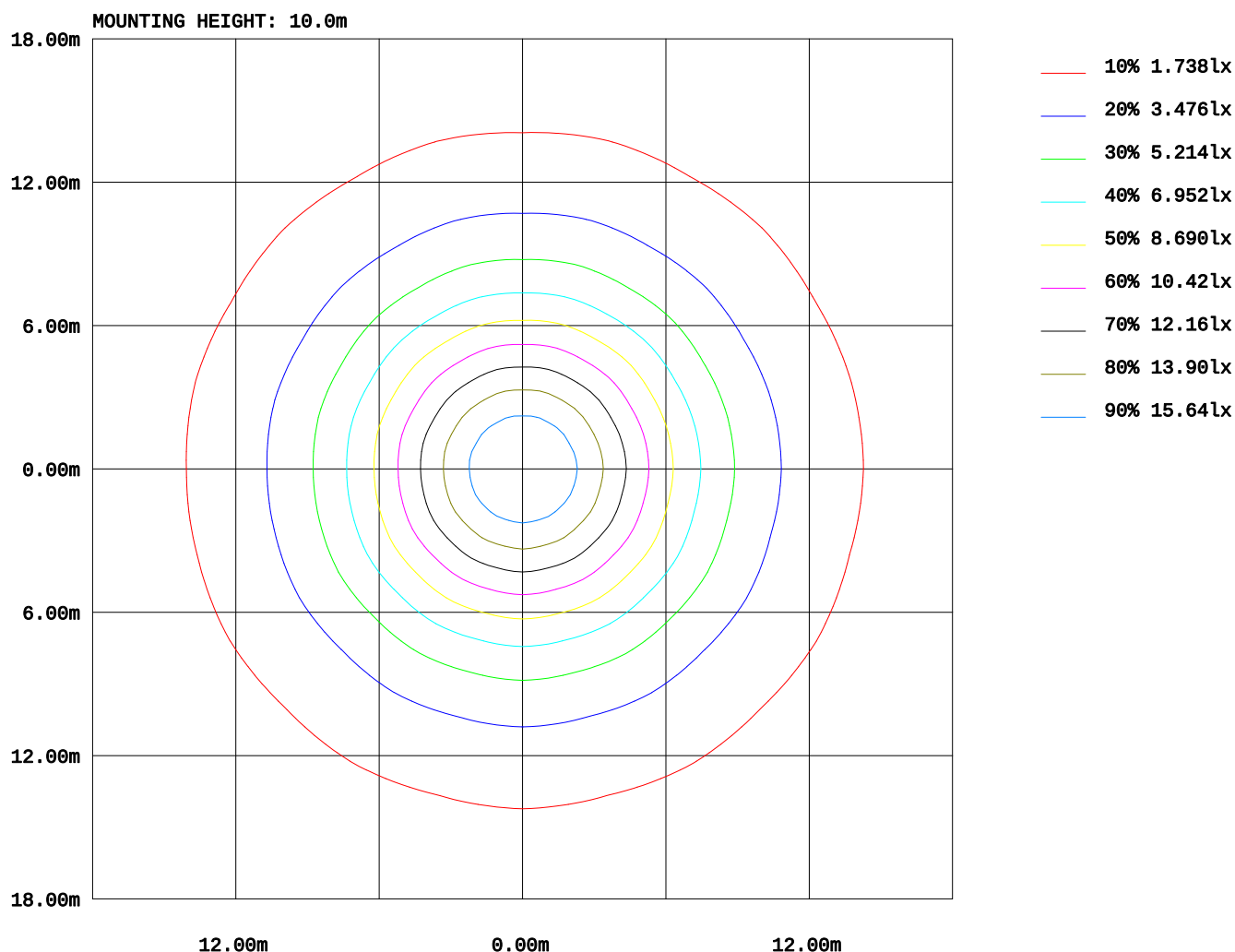
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ISOLUX DIAGRAM

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UGR Table

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Address:				
NAME: Office BASIC 40W 5000K 82Ra Opal			TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5179	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	18.0	19.5	18.3	19.8	20.0	18.0	19.5	18.3	19.7	20.0
3H	19.6	21.0	19.9	21.2	21.5	19.5	20.9	19.9	21.2	21.5
4H	20.3	21.6	20.6	21.9	22.1	20.2	21.5	20.5	21.8	22.1
6H	20.8	22.0	21.1	22.3	22.6	20.6	21.9	21.0	22.2	22.5
8H	20.9	22.1	21.3	22.5	22.8	20.8	22.0	21.2	22.3	22.6
12H	21.1	22.3	21.5	22.6	22.9	21.0	22.1	21.3	22.4	22.8
4H 2H	18.6	20.0	19.0	20.2	20.5	18.6	19.9	18.9	20.2	20.5
3H	20.4	21.6	20.8	21.9	22.2	20.4	21.5	20.7	21.8	22.2
4H	21.2	22.3	21.6	22.6	23.0	21.1	22.2	21.5	22.5	22.9
6H	21.8	22.8	22.2	23.1	23.5	21.7	22.6	22.1	23.0	23.4
8H	22.0	22.9	22.5	23.3	23.7	21.9	22.8	22.4	23.2	23.6
12H	22.2	23.1	22.7	23.5	23.9	22.1	22.9	22.6	23.3	23.8
8H 4H	21.5	22.4	21.9	22.8	23.2	21.4	22.3	21.9	22.7	23.1
6H	22.3	23.0	22.7	23.4	23.9	22.2	22.9	22.6	23.3	23.8
8H	22.6	23.2	23.1	23.7	24.2	22.5	23.1	23.0	23.6	24.1
12H	22.9	23.4	23.4	23.9	24.4	22.7	23.3	23.2	23.8	24.3
12H 4H	21.5	22.3	21.9	22.7	23.2	21.4	22.2	21.9	22.7	23.1
6H	22.3	23.0	22.8	23.4	23.9	22.2	22.9	22.7	23.3	23.8
8H	22.7	23.3	23.2	23.7	24.2	22.6	23.2	23.1	23.6	24.1

Variations with the observer position at spacings:

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

CIE Pub.117 Corrected 5052 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.6)

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 34.8C

LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION:	CCT(K): 5179	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	1738	1737	1736	1736	1735	1735	1734	1734	1734	1734	1734	1734	1738	1737	1736
5.0	1732	1729	1730	1727	1729	1726	1728	1725	1728	1725	1728	1725	1728	1729	1726
10.0	1710	1705	1708	1704	1707	1702	1706	1701	1705	1701	1705	1701	1702	1705	1700
15.0	1673	1666	1670	1664	1669	1662	1667	1661	1667	1660	1666	1660	1661	1666	1659
20.0	1621	1611	1619	1609	1618	1607	1616	1606	1614	1605	1614	1604	1605	1612	1603
25.0	1555	1544	1553	1542	1551	1540	1549	1538	1547	1537	1546	1536	1535	1544	1532
30.0	1475	1462	1473	1461	1471	1458	1469	1456	1467	1455	1466	1454	1453	1463	1451
35.0	1385	1368	1383	1367	1381	1364	1378	1362	1377	1360	1376	1359	1358	1369	1356
40.0	1282	1265	1280	1263	1278	1261	1275	1259	1273	1257	1272	1256	1252	1267	1249
45.0	1168	1150	1166	1148	1164	1145	1161	1143	1159	1141	1158	1140	1138	1153	1135
50.0	1048	1026	1047	1024	1044	1021	1041	1018	1039	1017	1038	1015	1013	1029	1010
55.0	919	898	917	896	915	893	911	890	909	888	908	887	884	902	881
60.0	783	761	782	759	779	755	775	752	773	751	772	750	747	766	743
65.0	647	620	645	618	642	614	638	611	636	609	635	608	606	630	602
70.0	506	482	505	479	501	475	497	472	495	471	495	470	468	489	464
75.0	368	344	367	341	363	337	359	334	357	333	357	333	331	352	327
80.0	240	204	238	201	235	198	182	195	181	195	180	194	193	182	189
85.0	129	90.2	125	85.1	122	85.9	121	84.5	119	82.9	119	83.0	82.5	114	75.9
90.0	26.9	5.90	21.1	4.40	20.8	5.60	24.0	8.20	25.0	8.70	23.9	7.00	6.20	17.1	4.20
95.0	12.2	4.80	12.0	4.70	12.0	4.80	12.0	4.90	12.1	4.90	12.1	4.90	5.40	12.1	5.00
100.0	11.5	5.60	11.4	5.50	11.4	5.60	11.5	5.70	11.5	5.70	11.5	5.70	6.30	11.7	5.80
105.0	11.4	6.40	11.2	6.30	11.3	6.40	11.4	6.50	11.4	6.50	11.4	6.60	7.20	11.5	6.70
110.0	11.5	7.10	11.3	7.10	11.4	7.20	11.5	7.30	11.5	7.30	11.5	7.40	8.00	11.8	7.50
115.0	11.7	8.00	11.5	7.90	11.5	8.00	11.7	8.10	11.7	8.10	11.7	8.10	8.80	12.0	8.29
120.0	12.1	8.70	11.8	8.70	11.9	8.80	12.1	8.90	12.1	8.90	12.1	8.90	9.70	12.3	9.09
125.0	12.5	9.50	12.2	9.40	12.2	9.50	12.5	9.60	12.4	9.60	12.4	9.70	10.5	12.7	9.90
130.0	12.9	10.2	12.6	10.1	12.6	10.2	12.8	10.3	12.8	10.3	12.8	10.4	11.2	13.0	10.5
135.0	13.2	10.8	12.9	10.8	13.0	10.9	13.2	10.9	13.0	11.0	13.2	11.1	11.8	13.5	11.2
140.0	13.6	11.4	13.3	11.4	13.4	11.5	13.6	11.5	13.5	11.5	13.6	11.8	12.5	13.9	11.8
145.0	14.0	12.0	13.6	12.0	13.7	12.3	14.0	12.1	13.7	12.1	14.0	12.4	13.0	14.4	12.4
150.0	14.4	12.6	14.0	12.5	14.2	12.8	14.3	12.7	14.2	12.7	14.3	13.0	13.5	14.7	12.9
155.0	14.5	13.2	14.4	13.0	14.5	13.3	14.5	13.3	14.5	13.2	14.5	13.5	14.0	15.0	13.4
160.0	14.9	13.6	14.8	13.5	14.8	13.7	14.9	13.7	14.9	13.6	14.9	13.9	14.4	15.2	13.7
165.0	15.2	14.0	15.0	13.9	15.0	14.1	15.0	14.0	15.0	14.0	15.0	14.1	14.8	15.4	14.1
170.0	15.4	14.3	15.2	14.2	15.2	14.3	15.4	14.2	15.2	14.3	15.2	14.3	15.0	15.4	14.3
175.0	15.6	14.5	15.4	14.5	15.2	14.4	15.5	14.4	15.2	14.5	15.2	14.4	15.2	15.4	14.5
180.0	15.6	14.8	15.2	14.8	15.2	14.7	15.5	14.7	15.2	14.8	15.2	14.7	15.6	15.2	14.8

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 34.8C

LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION:	CCT(K): 5179	DIMENSION: 596x592x20	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1736	1735	1735	1734	1734	1734	1734	1734	1734
5.0	1727	1725	1727	1725	1727	1725	1727	1725	1727
10.0	1704	1699	1704	1699	1705	1700	1705	1700	1705
15.0	1665	1659	1665	1659	1666	1660	1667	1661	1667
20.0	1610	1603	1611	1603	1613	1605	1613	1606	1614
25.0	1544	1532	1544	1534	1546	1536	1547	1537	1548
30.0	1462	1451	1463	1453	1465	1455	1467	1456	1468
35.0	1369	1356	1370	1358	1372	1361	1375	1362	1376
40.0	1266	1249	1268	1252	1271	1255	1274	1257	1275
45.0	1152	1136	1154	1138	1157	1142	1160	1144	1161
50.0	1029	1010	1030	1013	1034	1017	1038	1020	1039
55.0	901	881	902	884	906	888	910	892	912
60.0	764	743	766	746	770	751	774	755	777
65.0	628	602	628	604	633	609	638	614	641
70.0	487	463	488	466	492	471	497	476	501
75.0	350	326	349	328	354	333	359	338	364
80.0	182	187	181	189	182	194	182	199	236
85.0	110	75.0	112	79.4	116	83.3	121	86.0	125
90.0	15.5	4.20	17.4	5.40	22.9	8.10	25.2	8.80	25.2
95.0	12.0	5.00	12.0	5.00	12.1	4.90	12.1	4.90	12.1
100.0	11.5	5.80	11.5	5.80	11.5	5.70	11.5	5.60	11.5
105.0	11.4	6.60	11.5	6.60	11.5	6.50	11.4	6.50	11.4
110.0	11.5	7.50	11.5	7.40	11.5	7.40	11.5	7.30	11.5
115.0	11.9	8.20	11.8	8.29	11.8	8.20	11.7	8.10	11.7
120.0	12.2	9.00	12.2	9.09	12.1	8.90	12.1	8.90	12.1
125.0	12.5	9.80	12.5	9.90	12.5	9.70	12.4	9.60	12.4
130.0	12.9	10.5	12.9	10.5	12.9	10.4	12.8	10.3	12.8
135.0	13.3	11.1	13.2	11.2	13.3	11.1	13.2	11.0	13.2
140.0	13.7	11.7	13.6	11.8	13.7	11.7	13.5	11.5	13.5
145.0	14.0	12.2	14.0	12.4	14.1	12.2	13.9	12.1	13.9
150.0	14.3	12.8	14.3	12.9	14.5	12.8	14.2	12.6	14.3
155.0	14.7	13.3	14.7	13.3	14.8	13.2	14.5	13.0	14.5
160.0	14.9	13.7	15.0	13.7	15.0	13.6	14.8	13.7	14.9
165.0	15.2	14.1	15.2	14.1	15.2	13.9	15.0	14.0	15.0
170.0	15.2	14.3	15.2	14.4	15.2	14.2	15.2	14.3	15.2
175.0	15.4	14.5	15.2	14.5	15.2	14.4	15.4	14.5	15.2
180.0	15.4	14.7	15.2	14.9	15.2	14.7	15.2	14.7	15.2

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