

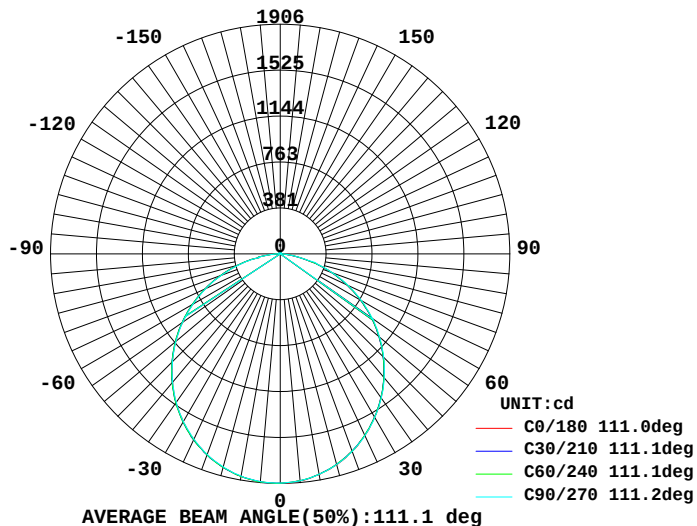
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Office Advanced 5000K 40W Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4958	DIMENSION: 595x595x20	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1908	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.26
NOMINAL POWER(W)	42	TOTAL FLUX(lm)	5346.5	Voltage(V)	220.5
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	129.9	Current(A)	0.193
NOMINAL FLUX(lm)	5346.5	η up(%)	1.3	Power(W)	41.16
LAMPS QUANTITY	1	η down(%)	98.7	Power Factor(PF)	0.963
TEST VOLTAGE(V)	220.5	Effective Flux(lm)	5346.5	EEI	0.105

LUMINOUS INTENSITY DISTRIBUTION



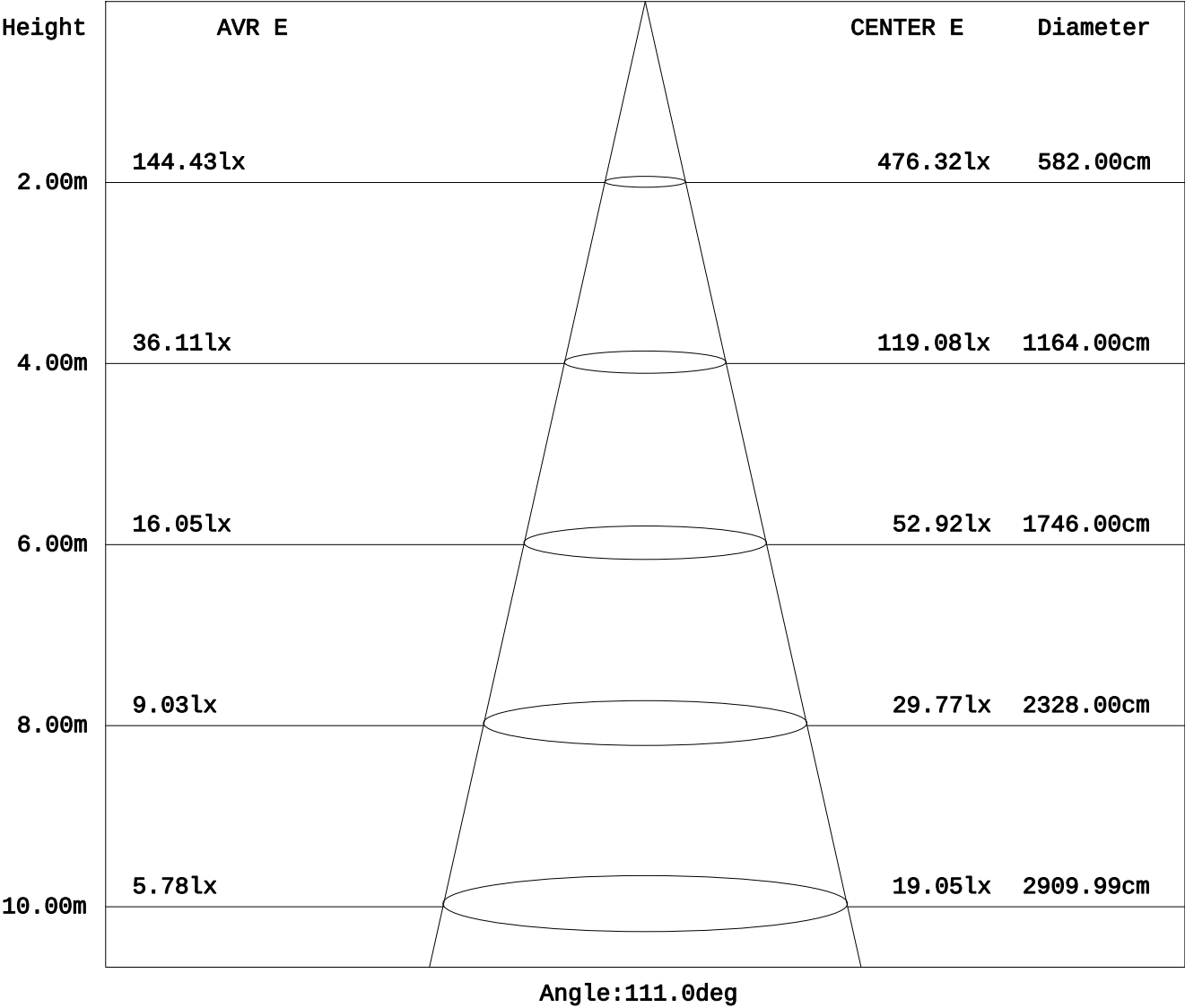
Test System:
 Temperature: 25.3°C
 Operators:
 Test Date: 03-17-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 84Ra. 1.3% Flicker. 25.6 Temp

AVERAGE AND CENTER E Figure

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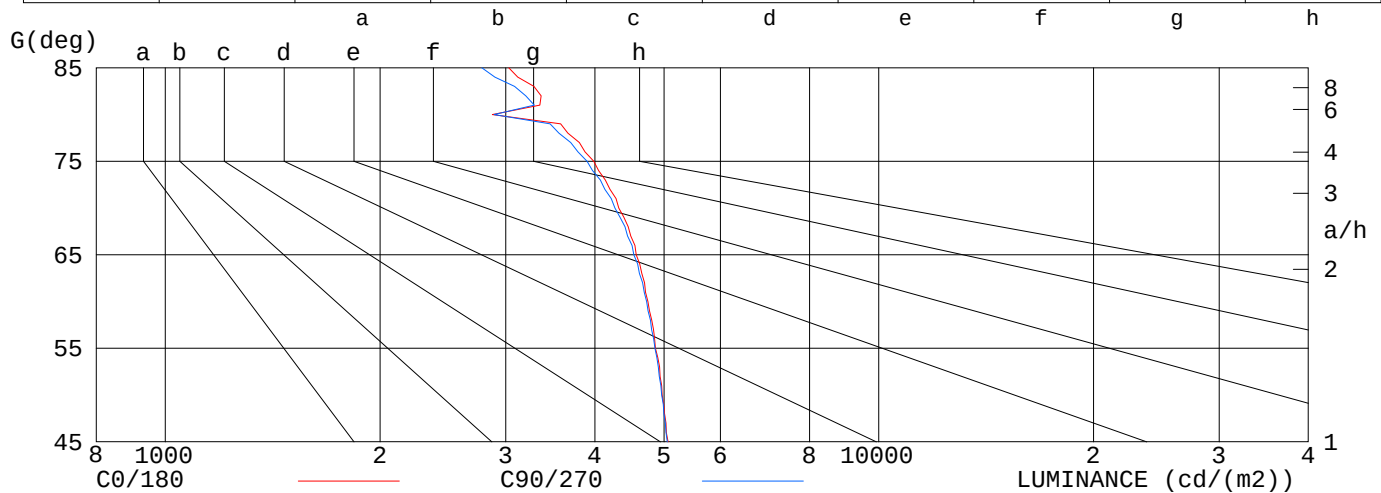
LUMINANCE LIMITATION CURVES

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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	3030	2777
80	2873	2889
75	3986	3902
70	4321	4266
65	4572	4536
60	4748	4728
55	4864	4857
50	4970	4961
45	5066	5054

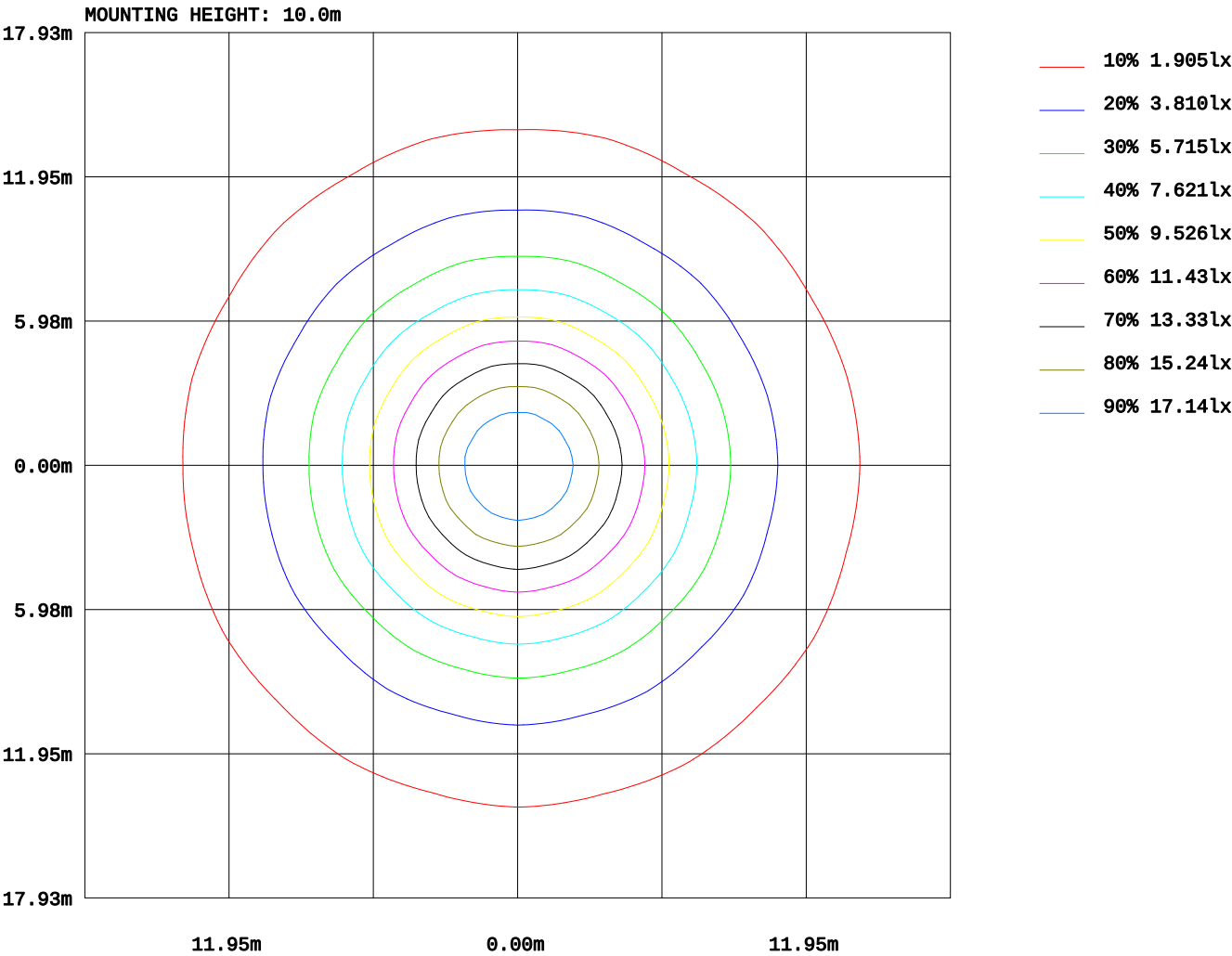
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ISOLUX DIAGRAM

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UGR Table

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NAME: Office Advanced 5000K 40W Opal			TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4958	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	18.4	19.9	18.7	20.1	20.3	18.4	19.8	18.6	20.1	20.3
3H	19.9	21.2	20.2	21.5	21.7	19.8	21.2	20.1	21.5	21.7
4H	20.4	21.7	20.8	22.0	22.3	20.4	21.7	20.7	22.0	22.2
6H	20.8	22.0	21.1	22.3	22.6	20.7	22.0	21.1	22.3	22.6
8H	20.9	22.1	21.3	22.4	22.7	20.8	22.0	21.2	22.3	22.6
12H	21.0	22.1	21.3	22.4	22.8	20.9	22.0	21.3	22.3	22.7
4H 2H	19.0	20.3	19.3	20.6	20.8	19.0	20.3	19.3	20.5	20.8
3H	20.7	21.8	21.0	22.1	22.4	20.6	21.8	21.0	22.1	22.4
4H	21.4	22.4	21.7	22.7	23.1	21.3	22.4	21.7	22.7	23.1
6H	21.8	22.7	22.2	23.1	23.5	21.8	22.7	22.2	23.0	23.4
8H	21.9	22.8	22.4	23.2	23.6	21.9	22.7	22.3	23.1	23.5
12H	22.0	22.8	22.5	23.2	23.7	22.0	22.7	22.4	23.2	23.6
8H 4H	21.6	22.5	22.0	22.8	23.3	21.6	22.4	22.0	22.8	23.2
6H	22.2	22.9	22.6	23.3	23.8	22.1	22.8	22.6	23.3	23.7
8H	22.4	23.0	22.9	23.5	23.9	22.3	23.0	22.8	23.4	23.9
12H	22.5	23.1	23.0	23.5	24.0	22.4	23.0	22.9	23.5	24.0
12H 4H	21.6	22.4	22.0	22.8	23.2	21.6	22.4	22.0	22.8	23.2
6H	22.2	22.8	22.7	23.3	23.8	22.2	22.8	22.6	23.2	23.7
8H	22.5	23.0	23.0	23.5	24.0	22.4	22.9	22.9	23.4	23.9

Variations with the observer position at spacings:

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

CIE Pub.117 Corrected 5346 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.8)

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LUMINOUS DISTRIBUTION INTENSITY DATA

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Address:															
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SPECIFICATION:				CCT(K): 4958				DIMENSION: 595x595x20				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	1905	1904	1903	1904	1904	1904	1903	1904	1905	1903	1902	1902	1905	1904	1903
5.0	1898	1898	1899	1898	1901	1897	1898	1895	1897	1892	1896	1890	1892	1893	1891
10.0	1875	1870	1875	1873	1878	1871	1873	1866	1870	1862	1866	1860	1861	1862	1859
15.0	1836	1828	1835	1828	1836	1827	1832	1824	1829	1817	1822	1813	1814	1817	1808
20.0	1774	1768	1777	1768	1777	1766	1772	1762	1770	1757	1759	1747	1745	1754	1743
25.0	1699	1691	1704	1689	1702	1689	1697	1683	1692	1673	1680	1667	1664	1673	1663
30.0	1611	1598	1614	1601	1613	1599	1610	1591	1602	1584	1589	1573	1568	1581	1564
35.0	1508	1493	1510	1496	1511	1494	1504	1485	1499	1475	1484	1465	1461	1473	1456
40.0	1390	1377	1396	1380	1396	1377	1390	1368	1380	1354	1366	1345	1341	1358	1337
45.0	1268	1251	1273	1254	1273	1250	1265	1242	1256	1228	1240	1217	1209	1229	1206
50.0	1131	1114	1138	1117	1137	1113	1129	1104	1120	1090	1104	1078	1074	1091	1070
55.0	988	969	994	972	993	968	986	957	974	943	958	932	926	945	923
60.0	840	820	846	824	846	819	837	807	827	794	810	781	772	796	768
65.0	684	661	689	664	688	658	679	647	668	634	651	621	615	639	612
70.0	523	499	527	500	530	495	517	483	509	470	490	458	454	478	450
75.0	365	341	369	342	367	337	358	325	347	314	332	303	302	321	303
80.0	177	178	179	179	177	173	178	163	188	154	184	145	141	180	140
85.0	93.5	57.3	94.9	58.4	93.3	54.0	85.6	46.2	78.3	41.0	70.4	37.5	35.6	63.4	35.5
90.0	17.7	5.30	18.7	5.50	17.9	4.60	15.6	3.90	13.7	3.80	13.0	4.00	4.40	13.5	4.20
95.0	11.9	4.60	11.8	4.60	11.8	4.60	11.7	4.60	11.5	4.70	11.5	4.80	5.30	11.8	5.00
100.0	11.5	5.60	11.4	5.40	11.3	5.50	11.3	5.50	11.2	5.60	11.3	5.70	6.20	11.5	6.00
105.0	11.5	6.40	11.4	6.30	11.3	6.40	11.2	6.40	11.2	6.40	11.2	6.60	7.20	11.5	7.00
110.0	11.7	7.40	11.5	7.20	11.4	7.20	11.4	7.30	11.4	7.30	11.5	7.50	8.10	11.9	7.90
115.0	12.0	8.20	11.8	8.10	11.7	8.10	11.7	8.10	11.7	8.20	11.8	8.40	9.09	12.2	8.80
120.0	12.5	9.09	12.2	9.00	12.1	9.00	12.2	9.00	12.1	9.09	12.2	9.30	10.1	12.7	9.70
125.0	13.0	10.0	12.6	9.90	12.6	9.90	12.7	9.90	12.6	10.0	12.7	10.2	11.0	13.2	10.5
130.0	13.5	10.9	13.2	10.7	13.2	10.7	13.2	10.7	13.0	10.9	13.3	11.0	11.9	13.7	11.5
135.0	14.1	11.7	13.7	11.5	13.7	11.5	13.7	11.5	13.7	11.7	13.9	11.9	12.7	14.4	12.3
140.0	14.5	12.4	14.2	12.4	14.3	12.5	14.3	12.3	14.1	12.4	14.5	12.8	13.5	15.0	13.0
145.0	15.2	13.2	14.7	13.0	14.8	13.3	14.8	13.0	14.7	13.2	15.0	13.6	14.2	15.6	13.7
150.0	15.7	14.0	15.2	13.7	15.2	14.0	15.4	13.7	15.2	13.9	15.4	14.3	14.8	16.0	14.4
155.0	16.1	14.5	15.8	14.4	15.8	14.5	15.8	14.4	15.7	14.5	15.9	14.9	15.4	16.5	14.9
160.0	16.5	15.2	16.3	14.9	16.2	15.2	16.2	15.0	16.2	15.0	16.3	15.4	16.0	16.7	15.4
165.0	16.9	15.6	16.5	15.5	16.5	15.6	16.6	15.5	16.5	15.6	16.5	15.8	16.4	17.0	15.7
170.0	17.1	15.9	16.9	15.9	16.7	15.9	17.0	15.9	16.9	16.0	16.9	16.0	16.7	17.0	16.0
175.0	17.2	16.2	17.1	16.2	17.0	16.1	17.2	16.1	17.0	16.3	17.0	16.2	17.0	17.1	16.2
180.0	17.2	16.5	17.1	16.5	17.0	16.4	17.2	16.5	17.1	16.5	17.1	16.4	17.2	17.0	16.5

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Operators:
Test Date:03-17-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 84Ra. 1.3% Flicker. 25.6 Temp

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UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1904	1904	1904	1903	1904	1905	1903	1902	1902
5.0	1893	1891	1893	1891	1893	1891	1895	1893	1895
10.0	1864	1858	1865	1859	1865	1861	1868	1864	1871
15.0	1816	1810	1818	1811	1821	1814	1823	1819	1829
20.0	1754	1744	1755	1746	1758	1751	1763	1755	1767
25.0	1671	1662	1677	1665	1678	1667	1684	1677	1691
30.0	1579	1565	1582	1570	1588	1576	1593	1584	1602
35.0	1473	1459	1476	1464	1482	1469	1489	1479	1496
40.0	1354	1339	1359	1345	1364	1351	1374	1361	1382
45.0	1229	1209	1233	1215	1240	1221	1249	1232	1258
50.0	1091	1073	1097	1079	1104	1085	1112	1098	1122
55.0	946	926	950	933	959	940	967	952	979
60.0	797	772	802	779	810	788	820	799	831
65.0	639	617	645	624	654	632	663	645	675
70.0	478	454	485	463	493	470	502	483	514
75.0	322	303	328	308	337	310	345	322	357
80.0	181	143	185	150	187	155	188	166	179
85.0	64.6	37.5	68.0	40.7	72.5	43.3	76.7	48.7	85.2
90.0	13.9	4.20	14.1	4.20	14.0	4.10	13.9	4.00	15.6
95.0	11.9	5.20	11.9	5.00	11.9	5.00	11.8	4.80	11.8
100.0	11.5	6.10	11.7	6.00	11.5	5.90	11.5	5.70	11.4
105.0	11.7	7.00	11.8	7.00	11.7	7.50	11.5	6.70	11.5
110.0	11.9	8.00	12.0	7.90	12.0	7.80	11.7	7.50	11.7
115.0	12.4	8.90	12.4	8.90	12.3	8.70	12.1	8.50	12.0
120.0	12.8	9.80	12.9	9.90	12.8	9.60	12.5	9.40	12.4
125.0	13.3	10.7	13.4	10.7	13.3	10.5	13.0	10.3	13.0
130.0	13.7	11.5	13.9	11.5	13.7	11.4	13.6	11.2	13.5
135.0	14.4	12.3	14.4	12.4	14.4	12.2	14.2	12.0	14.1
140.0	14.9	13.0	14.9	13.0	15.0	13.0	14.7	12.7	14.5
145.0	15.4	13.7	15.4	13.9	15.5	13.7	15.2	13.4	15.0
150.0	15.8	14.4	15.9	14.4	16.0	14.3	15.7	14.1	15.6
155.0	16.2	15.0	16.3	15.0	16.5	14.9	16.1	14.7	16.1
160.0	16.5	15.5	16.6	15.5	16.7	15.2	16.5	15.2	16.5
165.0	16.7	15.8	16.9	15.9	17.0	15.7	16.7	15.7	16.7
170.0	17.1	16.1	17.0	16.2	17.0	16.0	17.0	16.0	17.0
175.0	17.2	16.2	17.0	16.5	17.1	16.2	17.1	16.2	17.0
180.0	17.1	16.5	17.0	16.6	17.0	16.5	17.1	16.5	17.0

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