

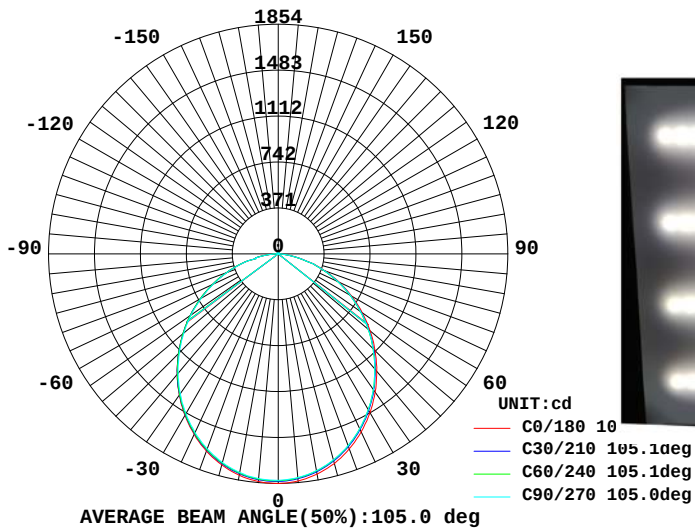
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Office 595x595x20 40W Standart 5000K Opal Polistirol		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4862	DIMENSION: 595x595x20	SERIAL No.:

DATA OF LAMP		Imax(cd)	1854	S/MH(C0/180)	1.22
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.22
NOMINAL POWER(W)	40	TOTAL FLUX(lm)	4818.4	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	122.9	Current(A)	0.186
NOMINAL FLUX(lm)	4818.4	η up(%)	1.3	Power(W)	39.20
LAMPS QUANTITY	1	η down(%)	98.7	Power Factor(PF)	0.955
TEST VOLTAGE(V)	220.3	Effective Flux(lm)	4818.4	EEI	0.111

LUMINOUS INTENSITY DISTRIBUTION



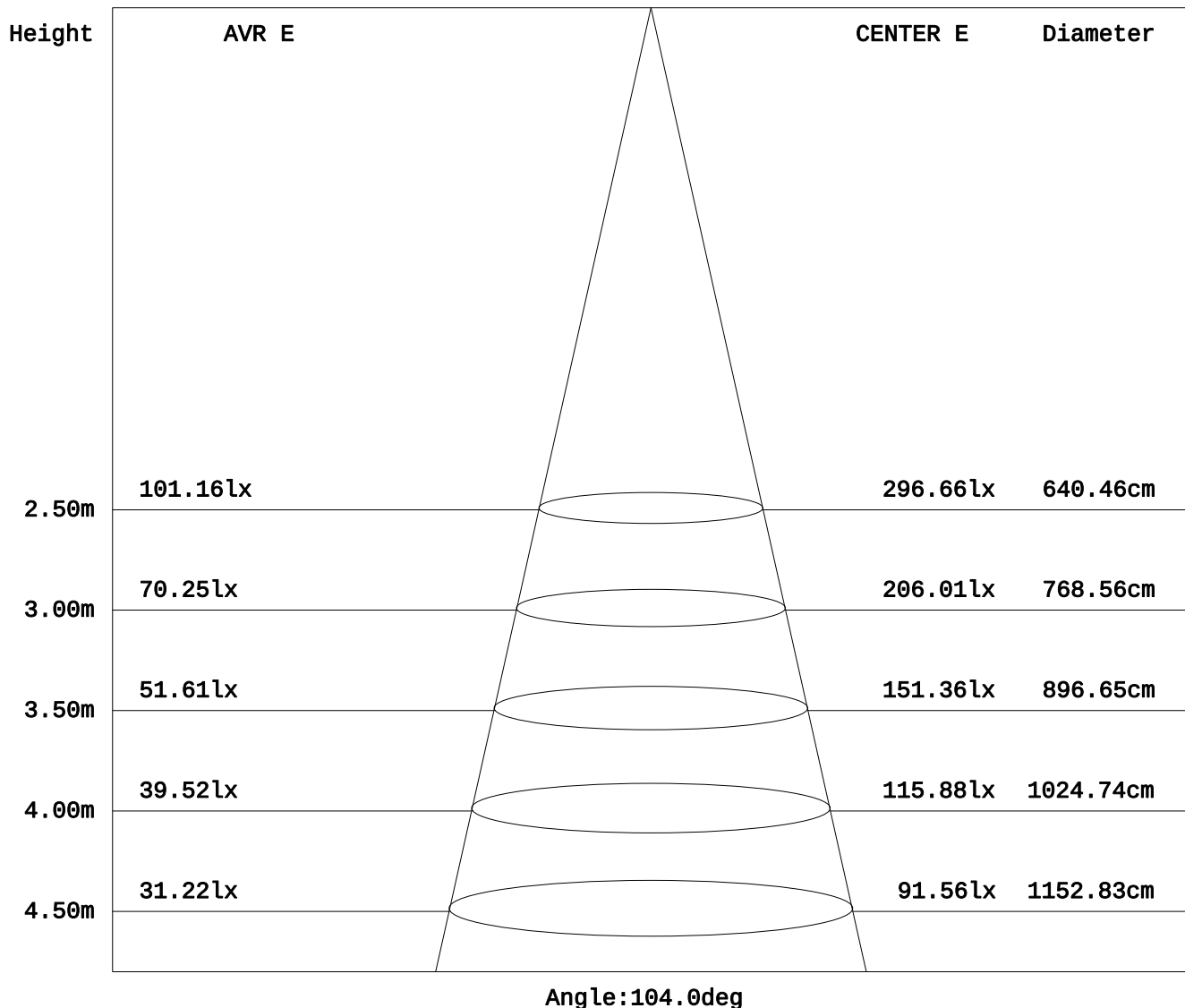
Temperature: 25.3'C
Operators:
Test Date: 06-10-2020

Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 83Ra

AVERAGE AND CENTER E Figure

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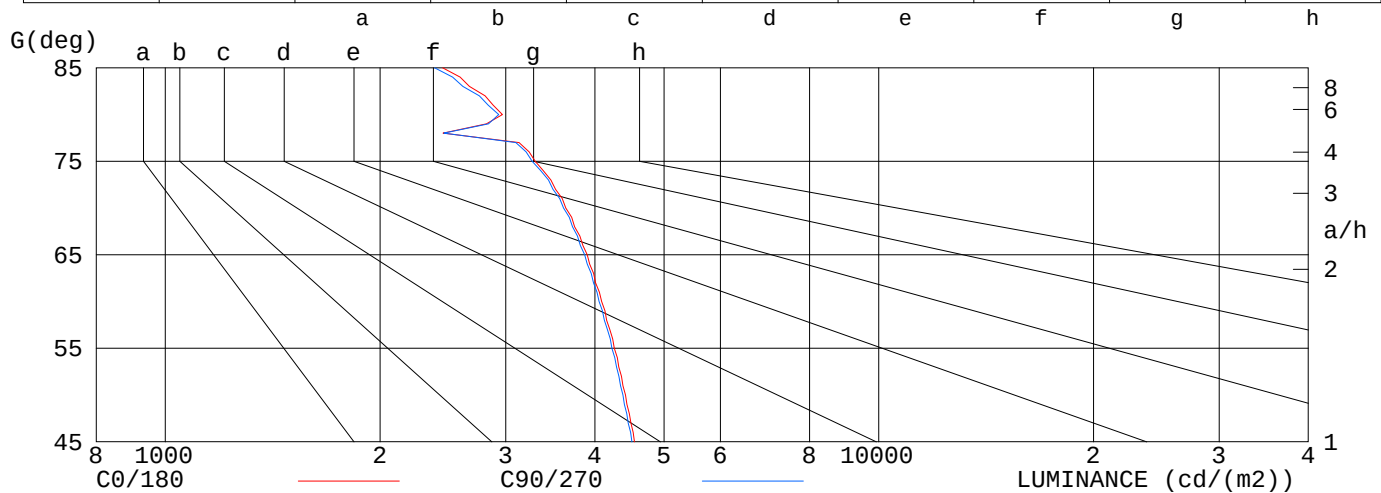
LUMINANCE LIMITATION CURVES

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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	2447	2385
80	2967	2933
75	3299	3267
70	3642	3616
65	3902	3871
60	4088	4055
55	4259	4227
50	4416	4380
45	4546	4509

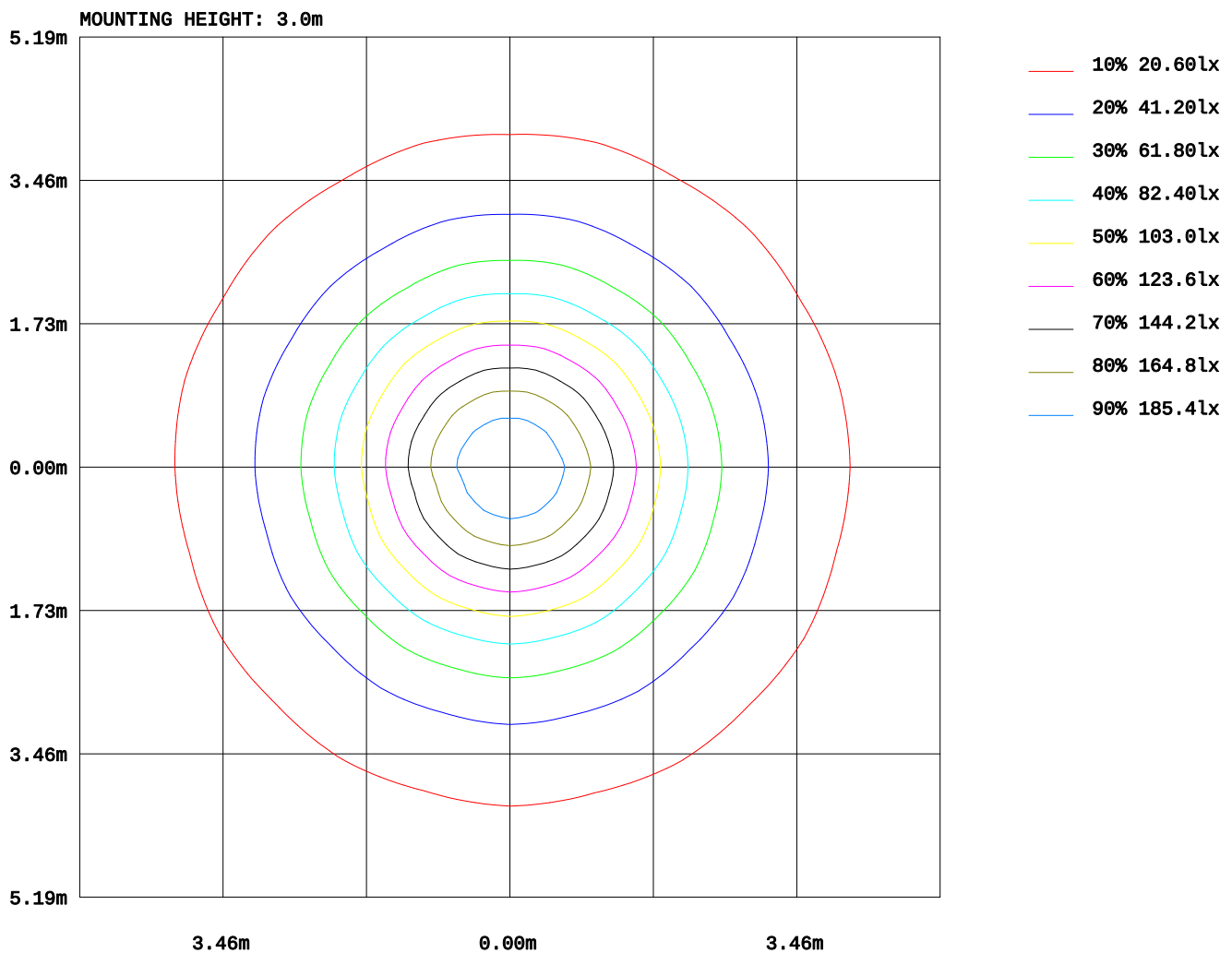
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ISOLUX DIAGRAM

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UGR Table

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SPECIFICATION:	CCT(K): 4862	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	17.8	19.3	18.1	19.5	19.7	17.8	19.2	18.0	19.5	19.7
3H	19.2	20.5	19.5	20.8	21.1	19.2	20.5	19.5	20.8	21.0
4H	19.7	21.0	20.1	21.3	21.6	19.7	21.0	20.0	21.3	21.5
6H	20.0	21.2	20.4	21.5	21.8	20.0	21.2	20.3	21.5	21.8
8H	20.1	21.3	20.5	21.6	21.9	20.1	21.3	20.5	21.6	21.9
12H	20.2	21.3	20.6	21.6	22.0	20.2	21.3	20.5	21.6	21.9
4H 2H	18.4	19.6	18.7	19.9	20.2	18.3	19.6	18.7	19.9	20.2
3H	20.0	21.1	20.3	21.4	21.7	19.9	21.1	20.3	21.4	21.7
4H	20.6	21.6	21.0	22.0	22.3	20.6	21.6	21.0	22.0	22.3
6H	21.0	21.9	21.4	22.3	22.7	21.0	21.9	21.4	22.3	22.7
8H	21.1	22.0	21.6	22.4	22.8	21.1	22.0	21.5	22.3	22.8
12H	21.2	22.0	21.7	22.4	22.8	21.2	22.0	21.6	22.4	22.8
8H 4H	20.8	21.7	21.3	22.1	22.5	20.8	21.7	21.2	22.0	22.5
6H	21.4	22.1	21.8	22.5	22.9	21.3	22.0	21.8	22.5	22.9
8H	21.6	22.2	22.0	22.6	23.1	21.5	22.2	22.0	22.6	23.1
12H	21.7	22.2	22.2	22.7	23.2	21.7	22.2	22.2	22.7	23.2
12H 4H	20.8	21.6	21.3	22.0	22.4	20.8	21.6	21.3	22.0	22.4
6H	21.4	22.0	21.9	22.5	22.9	21.4	22.0	21.9	22.4	22.9
8H	21.6	22.2	22.1	22.6	23.1	21.6	22.2	22.1	22.6	23.1

Variations with the observer position at spacings:

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

CIE Pub.117 Corrected 4818 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.5)

Temperature:25.3'C
Operators:
Test Date:06-10-2020

Humidity:65.0%
Test Distance:10.000 m
Remarks: 83Ra

LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION:	CCT(K): 4862	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	1854	1844	1838	1834	1832	1830	1828	1827	1826	1825	1825	1824	1854	1844	1838
5.0	1846	1834	1832	1826	1826	1820	1821	1817	1817	1812	1815	1810	1841	1832	1823
10.0	1815	1804	1803	1796	1798	1791	1792	1786	1788	1781	1783	1775	1806	1801	1787
15.0	1764	1751	1754	1745	1749	1739	1743	1733	1736	1725	1730	1719	1753	1746	1732
20.0	1696	1680	1687	1675	1684	1669	1677	1661	1668	1652	1660	1645	1677	1674	1657
25.0	1608	1594	1602	1590	1599	1584	1591	1575	1582	1564	1572	1555	1586	1587	1565
30.0	1506	1491	1502	1487	1499	1482	1490	1472	1479	1459	1469	1450	1483	1483	1462
35.0	1394	1374	1391	1373	1389	1368	1380	1356	1368	1343	1356	1333	1364	1370	1345
40.0	1269	1252	1268	1251	1267	1246	1258	1234	1245	1220	1233	1210	1238	1246	1219
45.0	1138	1120	1139	1120	1137	1114	1129	1102	1114	1088	1102	1078	1107	1114	1090
50.0	1005	983	1007	984	1005	978	997	966	982	951	969	941	969	981	952
55.0	865	846	868	847	867	843	858	830	844	814	831	805	827	842	813
60.0	724	703	727	705	727	701	718	688	703	673	691	663	688	701	674
65.0	584	559	588	562	588	558	579	545	565	530	552	521	543	563	532
70.0	441	420	447	423	447	419	438	406	424	392	411	383	401	422	391
75.0	302	298	308	298	308	297	299	257	286	245	275	237	254	285	248
80.0	182	145	186	148	187	144	180	134	170	123	161	118	133	170	127
85.0	75.5	47.5	79.5	50.7	79.9	47.9	73.5	39.8	62.5	31.4	56.4	29.9	38.8	66.0	36.3
90.0	16.3	5.10	19.0	6.10	18.7	5.00	16.0	3.50	13.0	3.50	12.8	3.70	4.40	15.5	4.70
95.0	11.4	4.10	11.4	4.00	11.5	4.00	11.2	3.90	11.1	4.00	11.1	4.20	4.40	11.5	4.30
100.0	10.7	4.70	10.7	4.60	10.7	4.60	10.5	4.60	10.5	4.60	10.5	4.70	5.10	10.9	5.00
105.0	10.5	5.40	10.4	5.40	10.4	5.30	10.3	5.30	10.2	5.30	10.2	5.40	5.90	10.5	6.00
110.0	10.5	6.10	10.4	6.00	10.4	6.10	10.3	6.00	10.2	6.00	10.3	6.20	6.60	10.5	6.50
115.0	10.7	6.90	10.5	6.80	10.5	6.80	10.5	6.80	10.4	6.70	10.4	6.90	7.30	10.8	7.10
120.0	11.0	7.60	10.8	7.60	10.7	7.50	10.8	7.50	10.7	7.50	10.7	7.60	8.20	11.1	8.00
125.0	11.4	8.40	11.1	8.29	11.1	8.29	11.2	8.29	11.0	8.20	11.1	8.40	9.00	11.5	8.70
130.0	11.8	9.09	11.5	9.00	11.5	9.00	11.5	8.90	11.4	9.00	11.5	9.09	9.70	11.9	9.40
135.0	12.2	9.80	12.0	9.70	11.9	9.80	12.0	9.60	11.8	9.70	11.9	9.90	10.5	12.3	10.1
140.0	12.7	10.5	12.4	10.5	12.4	10.5	12.4	10.3	12.2	10.4	12.4	10.5	11.1	12.8	10.9
145.0	13.2	11.2	12.8	11.1	12.9	11.2	12.9	11.0	12.7	11.0	12.8	11.3	11.7	13.3	11.5
150.0	13.5	11.8	13.2	11.5	13.2	11.8	13.3	11.5	13.0	11.5	13.3	11.9	12.3	13.7	12.0
155.0	13.9	12.4	13.7	12.2	13.6	12.4	13.7	12.2	13.5	12.1	13.6	12.4	12.9	14.1	12.5
160.0	14.2	12.9	14.1	12.7	14.0	12.9	14.0	12.7	13.9	12.6	14.0	13.0	13.3	14.4	13.0
165.0	14.5	13.2	14.3	13.0	14.3	13.3	14.4	13.0	14.2	13.0	14.2	13.3	13.7	14.5	13.3
170.0	14.8	13.5	14.5	13.6	14.5	13.5	14.5	13.4	14.4	13.5	14.4	13.5	14.1	14.5	13.6
175.0	14.9	13.7	14.7	13.7	14.5	13.7	14.8	13.7	14.5	13.7	14.5	13.7	14.4	14.7	13.7
180.0	14.9	14.1	14.7	14.1	14.5	14.0	14.8	14.0	14.5	14.1	14.5	14.0	14.8	14.5	14.1

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UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1834	1832	1830	1828	1827	1826	1825	1825	1824
5.0	1822	1817	1817	1813	1816	1813	1816	1814	1817
10.0	1788	1780	1784	1777	1784	1779	1785	1782	1789
15.0	1735	1725	1731	1722	1731	1725	1735	1730	1739
20.0	1662	1650	1659	1648	1661	1651	1666	1658	1674
25.0	1574	1558	1570	1557	1573	1562	1579	1569	1588
30.0	1471	1455	1467	1454	1469	1460	1477	1469	1488
35.0	1358	1338	1355	1338	1358	1344	1367	1354	1378
40.0	1235	1212	1232	1214	1236	1219	1244	1230	1258
45.0	1104	1084	1102	1085	1106	1091	1115	1102	1128
50.0	972	947	970	949	975	956	984	967	997
55.0	833	808	833	811	837	817	846	828	860
60.0	693	670	693	673	699	680	707	691	720
65.0	556	529	556	532	561	539	570	549	583
70.0	416	389	417	392	422	399	431	409	444
75.0	281	246	282	248	287	255	295	299	307
80.0	167	127	168	129	172	133	178	141	186
85.0	63.5	35.6	64.2	36.5	66.0	37.5	68.8	42.0	78.5
90.0	15.7	4.50	15.0	3.90	13.7	3.40	13.7	3.40	15.8
95.0	11.4	4.20	11.3	4.10	11.3	4.00	11.2	4.00	11.3
100.0	10.8	4.90	10.8	4.90	10.7	4.80	10.5	4.70	10.7
105.0	10.5	5.70	10.5	5.70	10.5	5.50	10.4	5.40	10.5
110.0	10.5	6.50	10.7	6.40	10.5	6.30	10.5	6.20	10.5
115.0	10.9	7.20	10.9	7.20	10.8	7.10	10.7	7.00	10.7
120.0	11.1	8.00	11.2	8.10	11.1	7.80	11.0	7.70	10.9
125.0	11.5	8.70	11.5	8.90	11.5	8.60	11.3	8.50	11.3
130.0	11.9	9.40	11.9	9.60	11.9	9.30	11.8	9.20	11.8
135.0	12.3	10.1	12.4	10.3	12.4	10.1	12.2	9.90	12.2
140.0	12.8	10.7	12.8	11.0	12.8	10.7	12.7	10.5	12.5
145.0	13.0	11.3	13.2	11.5	13.3	11.4	13.0	11.2	13.0
150.0	13.5	11.9	13.6	12.1	13.7	11.9	13.4	11.8	13.5
155.0	13.7	12.5	14.0	12.6	14.1	12.5	13.7	12.4	13.7
160.0	14.2	13.0	14.3	13.0	14.4	12.9	14.1	12.9	14.2
165.0	14.4	13.4	14.5	13.5	14.5	13.3	14.3	13.3	14.4
170.0	14.5	13.6	14.5	13.7	14.5	13.5	14.5	13.6	14.5
175.0	14.7	13.7	14.5	14.0	14.7	13.7	14.7	13.7	14.5
180.0	14.7	14.0	14.5	14.2	14.5	14.0	14.5	14.0	14.5

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