

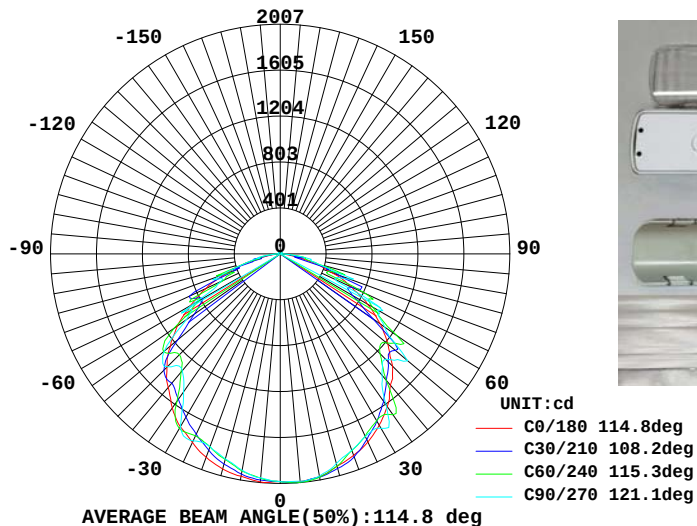
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: LSP Standart 2x36 1200 IP65 40W 3000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2987	DIMENSION: 1265x110	SERIAL No.:

DATA OF LAMP		Imax(cd)	2008	S/MH(C0/180)	1.30
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.24
NOMINAL POWER(W)	40	TOTAL FLUX(lm)	5713.1	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	142.3	Current(A)	0.189
NOMINAL FLUX(lm)	5713.1	η up(%)	1.8	Power(W)	40.13
LAMPS QUANTITY	1	η down(%)	98.2	Power Factor(PF)	0.961
TEST VOLTAGE(V)	220.4	Effective Flux(lm)	5713.1	EEI	0.096

LUMINOUS INTENSITY DISTRIBUTION



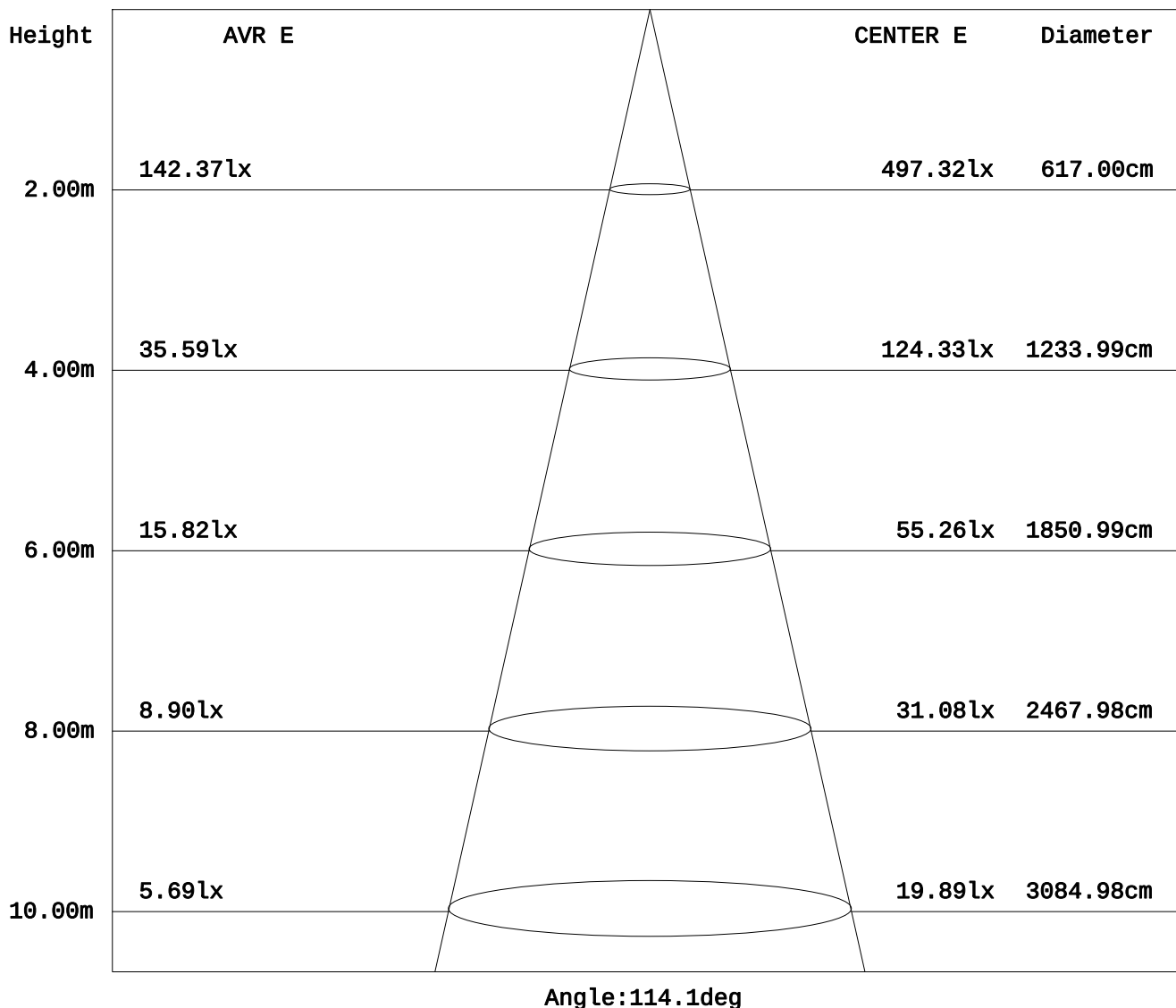
Test System:
 Temperature: 25.3°C
 Operators:
 Test Date: 03-17-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 81Ra. 1.3% Flicker. 30.6 Temp.

AVERAGE AND CENTER E Figure

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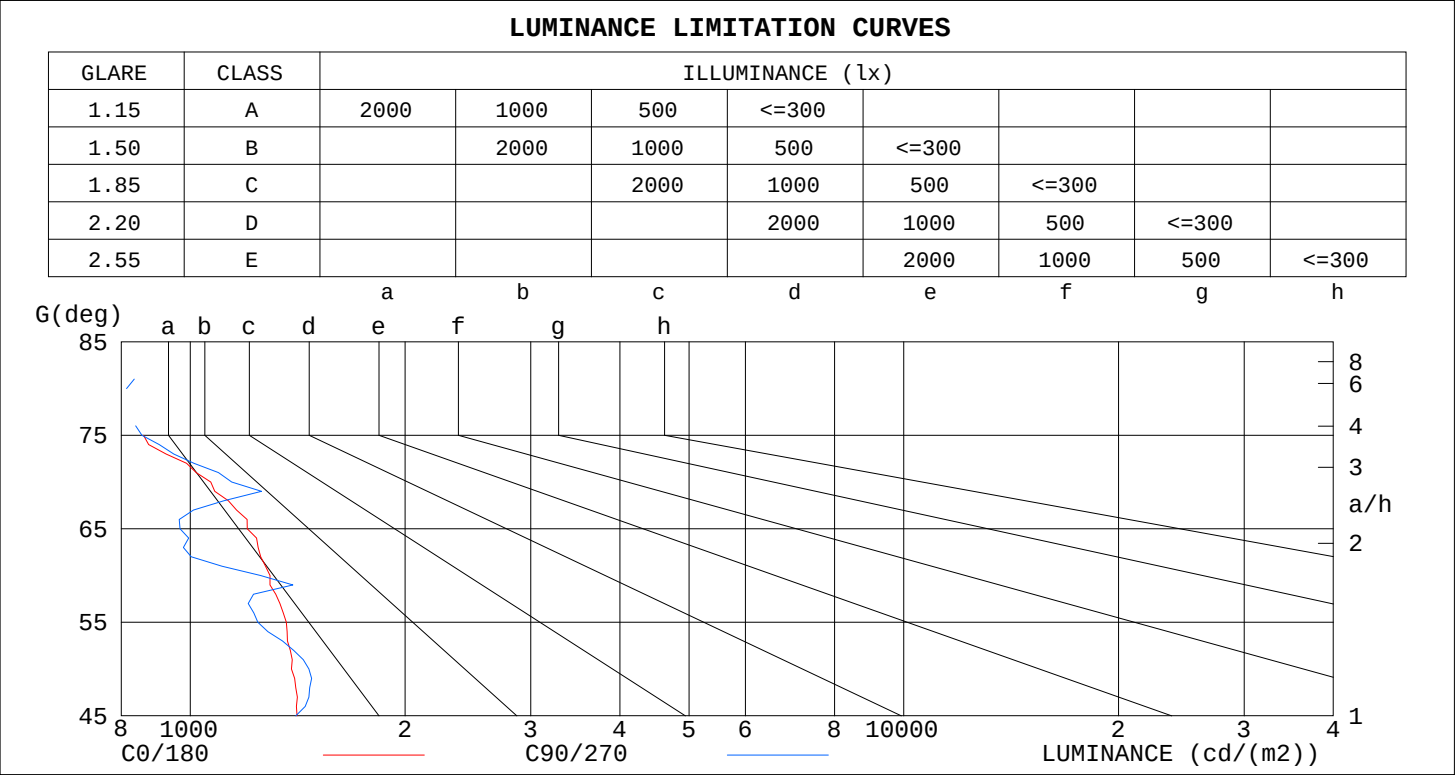
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LUMINANCE LIMITATION CURVES

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LUMINANCE cd/m2		
G(deg)	C0/180	C90/270
85	311	603
80	568	814
75	860	855
70	1068	1143
65	1202	967
60	1293	1254
55	1363	1244
50	1386	1466
45	1411	1406

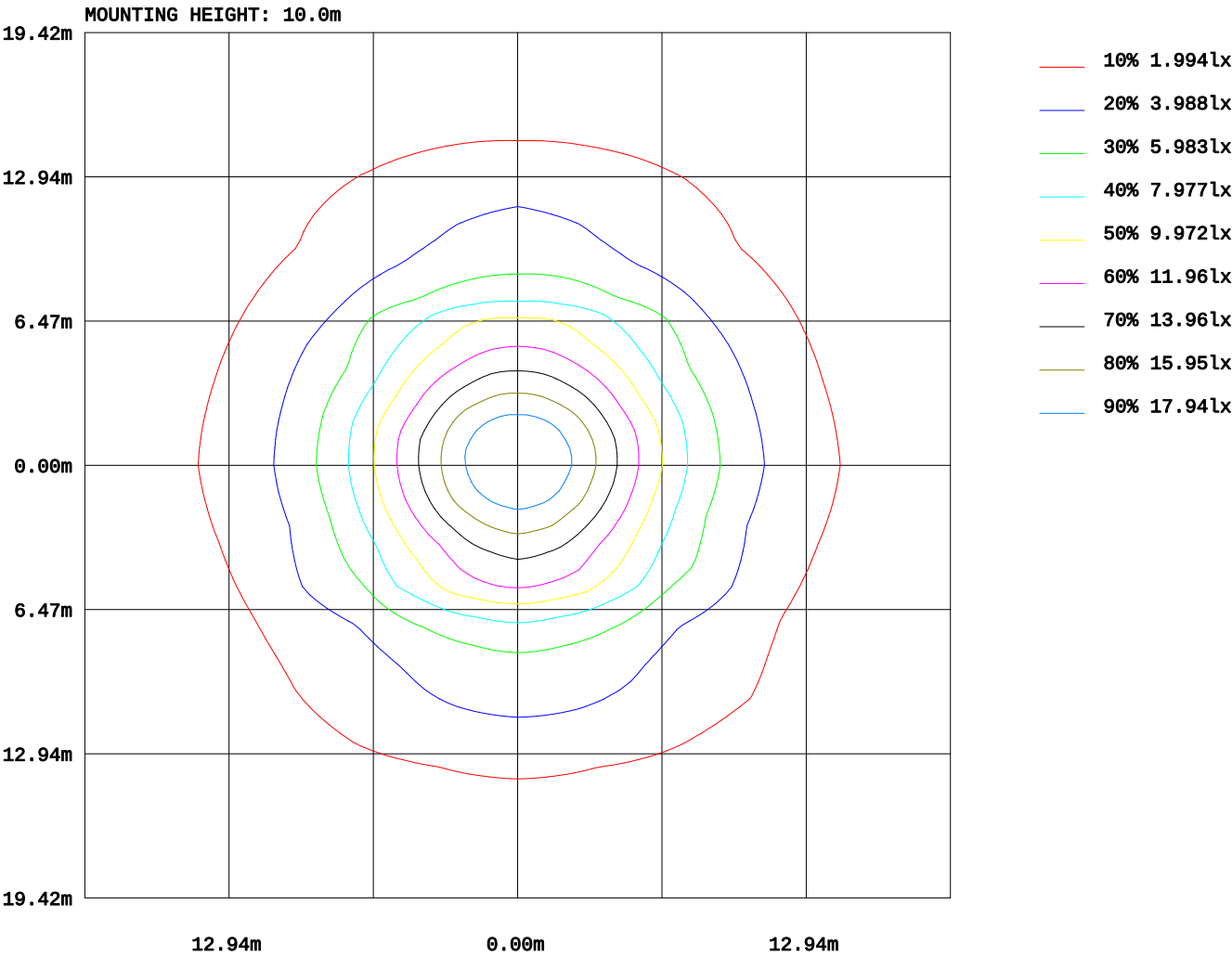
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ISOLUX DIAGRAM

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UGR Table

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SPECIFICATION:	CCT(K): 2987	DIMENSION: 1265x110		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	13.7	15.2	14.0	15.4	15.7	13.6	15.0	13.8	15.3	15.5
3H	14.8	16.1	15.1	16.4	16.7	14.8	16.2	15.2	16.5	16.7
4H	15.2	16.5	15.6	16.8	17.1	15.3	16.6	15.6	16.8	17.1
6H	15.3	16.5	15.7	16.9	17.2	15.5	16.7	15.9	17.0	17.4
8H	15.3	16.5	15.7	16.8	17.1	15.6	16.8	16.0	17.1	17.4
12H	15.3	16.4	15.7	16.8	17.1	15.6	16.8	16.0	17.1	17.4
4H 2H	14.3	15.6	14.7	15.9	16.2	14.1	15.4	14.4	15.7	16.0
3H	15.5	16.6	15.9	16.9	17.3	15.5	16.7	15.9	17.0	17.3
4H	16.0	17.0	16.4	17.4	17.8	16.1	17.1	16.5	17.4	17.8
6H	16.2	17.1	16.6	17.5	17.9	16.4	17.3	16.8	17.7	18.1
8H	16.2	17.0	16.6	17.4	17.8	16.5	17.3	16.9	17.7	18.2
12H	16.2	16.9	16.6	17.4	17.8	16.5	17.3	17.0	17.7	18.2
8H 4H	16.2	17.0	16.6	17.4	17.8	16.2	17.0	16.6	17.4	17.8
6H	16.4	17.1	16.9	17.5	18.0	16.6	17.3	17.1	17.8	18.2
8H	16.5	17.1	16.9	17.5	18.0	16.8	17.4	17.3	17.9	18.4
12H	16.5	17.0	17.0	17.5	18.0	16.9	17.4	17.4	17.9	18.4
12H 4H	16.1	16.9	16.6	17.3	17.8	16.2	16.9	16.6	17.4	17.8
6H	16.4	17.0	16.9	17.5	18.0	16.6	17.2	17.1	17.7	18.2
8H	16.5	17.0	17.0	17.5	18.0	16.8	17.4	17.3	17.8	18.4

Variations with the observer position at spacings:

S = 1.0H	+ 0.3 / - 0.4	+ 0.2 / - 0.2
1.5H	+ 0.3 / - 0.5	+ 0.5 / - 1.1
2.0H	+ 1.0 / - 1.0	+ 0.7 / - 0.8

CIE Pub.117 Corrected 5713 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.1)

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Address:															
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SPECIFICATION:				CCT(K): 2987				DIMENSION: 1265x110				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	1989	1988	1989	1990	1991	1991	1991	1989	1990	1993	1992	1994	1989	1988	1989
5.0	2002	1990	1984	1970	1969	1964	1965	1961	1969	1979	1989	1996	1997	2004	2005
10.0	1973	1954	1954	1941	1926	1916	1921	1910	1924	1935	1953	1961	1978	1979	1983
15.0	1946	1914	1902	1865	1859	1848	1855	1841	1842	1858	1892	1908	1922	1946	1941
20.0	1892	1855	1827	1795	1796	1778	1792	1778	1787	1785	1828	1851	1875	1888	1889
25.0	1817	1779	1738	1719	1754	1786	1803	1764	1729	1700	1736	1780	1814	1835	1791
30.0	1745	1678	1648	1666	1763	1735	1745	1739	1742	1630	1644	1682	1729	1754	1688
35.0	1646	1557	1552	1656	1574	1466	1473	1467	1586	1631	1529	1576	1631	1648	1577
40.0	1524	1430	1475	1433	1349	1322	1333	1311	1333	1472	1440	1435	1498	1520	1443
45.0	1401	1296	1439	1198	1247	1350	1396	1321	1217	1183	1403	1280	1389	1373	1334
50.0	1251	1137	1171	1068	1330	1309	1323	1300	1276	1017	1239	1126	1230	1206	1314
55.0	1098	986	914	1149	1132	982	1002	977	1106	1045	898	950	1068	1019	987
60.0	908	911	783	945	821	889	880	849	796	912	727	804	877	845	730
65.0	713	622	876	605	544	572	574	542	514	564	752	727	696	706	693
70.0	513	341	415	391	515	554	549	517	437	343	447	355	484	420	543
75.0	313	412	250	339	306	312	311	252	288	370	171	183	316	193	201
80.0	139	99.0	140	119	173	160	199	154	158	109	163	79.7	122	150	209
85.0	38.0	36.1	71.3	41.4	76.0	42.5	73.7	38.2	62.0	33.0	63.5	33.5	24.9	71.3	85.2
90.0	15.8	11.3	23.1	13.2	25.4	15.6	27.7	15.2	24.4	12.6	20.8	10.2	8.20	25.2	16.5
95.0	17.2	10.4	17.7	11.2	19.5	12.7	20.4	12.3	19.0	10.8	17.2	9.80	16.7	18.5	11.9
100.0	17.2	9.60	16.7	10.2	16.4	10.8	17.4	10.7	16.1	10.5	17.0	10.9	17.9	17.0	11.9
105.0	16.5	11.4	16.1	10.5	15.4	10.7	16.1	10.7	15.5	11.0	15.9	10.9	15.8	17.2	11.7
110.0	16.5	10.8	15.0	11.4	15.9	11.5	16.0	11.5	15.6	11.8	15.2	9.90	15.2	19.9	12.4
115.0	15.5	10.8	16.3	12.3	16.0	12.4	16.3	12.4	16.0	12.2	18.4	10.4	11.5	15.0	17.2
120.0	15.0	11.5	17.1	13.4	16.5	13.4	16.6	13.6	16.4	13.7	15.2	11.4	12.6	15.2	13.7
125.0	15.7	12.7	16.1	17.0	17.0	14.5	17.2	14.4	17.0	14.8	15.5	12.5	13.7	16.0	14.5
130.0	16.5	13.7	16.5	14.7	18.7	15.4	17.9	17.4	20.1	14.3	16.0	13.7	14.9	16.7	15.0
135.0	17.4	14.9	16.9	15.2	19.0	18.7	20.6	18.1	17.7	14.9	16.6	14.9	15.9	17.6	15.6
140.0	18.0	15.8	17.5	15.8	18.4	16.5	18.9	16.1	17.8	15.6	17.4	16.0	16.9	18.5	16.4
145.0	18.9	16.6	18.0	16.5	18.5	16.9	18.6	16.5	18.0	16.4	18.0	17.0	17.7	19.3	17.2
150.0	19.5	17.4	18.7	17.2	19.0	17.6	18.9	17.2	18.6	17.1	18.7	18.0	18.6	20.0	18.0
155.0	20.1	18.2	19.1	17.9	19.4	18.2	19.1	17.6	19.0	17.8	19.4	18.7	19.4	20.6	18.9
160.0	20.7	19.1	19.6	18.5	19.7	19.0	19.6	18.2	19.4	18.5	20.1	19.5	20.2	21.1	19.6
165.0	21.1	19.7	20.2	19.2	20.2	19.5	20.2	18.9	19.9	19.3	20.7	20.0	20.8	21.5	20.1
170.0	21.7	20.5	21.0	20.0	20.8	20.1	20.7	19.6	20.7	20.0	21.1	20.4	21.4	21.6	20.5
175.0	22.1	20.8	21.5	20.7	21.4	20.6	21.4	20.2	21.1	20.4	21.2	20.6	21.7	21.9	20.8
180.0	22.1	21.1	21.6	21.1	21.6	21.0	21.9	20.6	21.1	20.7	21.2	20.9	22.2	21.7	21.1

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UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1990	1991	1991	1991	1989	1990	1993	1992	1994
5.0	2008	2004	2000	1994	1996	1998	2003	2002	2003
10.0	1980	1983	1982	1972	1977	1978	1987	1981	1981
15.0	1943	1922	1914	1898	1907	1918	1946	1949	1954
20.0	1871	1829	1838	1826	1832	1834	1869	1891	1903
25.0	1773	1758	1771	1762	1768	1763	1785	1797	1830
30.0	1690	1684	1733	1760	1740	1696	1698	1698	1756
35.0	1602	1717	1680	1616	1689	1701	1608	1582	1649
40.0	1587	1442	1397	1384	1416	1471	1584	1468	1520
45.0	1366	1233	1273	1303	1283	1253	1405	1345	1369
50.0	1122	1211	1407	1454	1409	1177	1156	1287	1209
55.0	1003	1240	1143	1115	1139	1274	1000	1029	1041
60.0	1150	931	1004	981	956	954	1193	776	854
65.0	778	828	536	528	539	842	816	656	697
70.0	523	446	639	644	605	434	630	558	493
75.0	395	340	367	341	371	369	358	481	245
80.0	176	224	285	276	283	219	171	241	154
85.0	123	77.3	113	88.3	121	88.9	164	96.5	71.8
90.0	31.2	19.2	32.9	19.3	33.8	20.2	35.9	18.5	28.9
95.0	22.0	14.4	23.7	15.2	23.9	14.8	23.0	11.9	18.4
100.0	18.0	11.2	18.7	11.8	18.7	11.1	18.0	11.8	16.0
105.0	16.6	11.2	17.1	11.8	16.7	11.0	16.5	11.4	16.6
110.0	16.2	11.7	16.7	12.4	16.5	11.5	16.2	11.5	17.6
115.0	16.5	12.6	16.5	12.7	16.2	12.3	16.4	14.4	17.1
120.0	17.5	13.6	16.6	13.5	16.5	13.3	16.5	14.4	15.2
125.0	21.4	15.0	17.2	14.4	17.2	14.7	19.1	14.3	15.8
130.0	19.5	19.1	18.6	16.3	18.5	18.0	20.7	14.8	16.4
135.0	19.4	18.7	24.1	23.0	23.6	18.6	19.4	15.2	17.2
140.0	19.0	18.0	22.3	20.2	21.9	17.9	18.9	15.8	17.9
145.0	19.1	17.7	20.5	18.6	20.7	17.6	18.6	16.6	18.7
150.0	19.4	17.9	19.9	18.4	20.1	17.8	19.0	17.5	19.3
155.0	20.0	18.4	20.0	18.5	20.2	18.0	19.4	18.1	19.7
160.0	20.5	19.1	20.2	19.1	20.6	18.7	20.0	18.9	20.2
165.0	21.0	19.7	20.8	19.9	20.9	19.4	20.5	19.5	20.8
170.0	21.4	20.4	21.2	20.6	21.2	20.0	20.9	20.0	21.1
175.0	21.6	20.7	21.6	21.0	21.2	20.4	21.2	20.4	21.2
180.0	21.6	21.1	21.6	21.4	21.2	20.7	21.4	20.8	21.4

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