

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: CORELITE

Report Number: P303177

Luminaire Tested: **CTW-F-5050-50L835-UNV-STD-8**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303177
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-10)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: CTW-F-5050-50L835-UNV-STD-8
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
50% UPLIGHT, 50% DOWNLIGHT, 5000 LUMEN PACKAGE
Light Source: 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

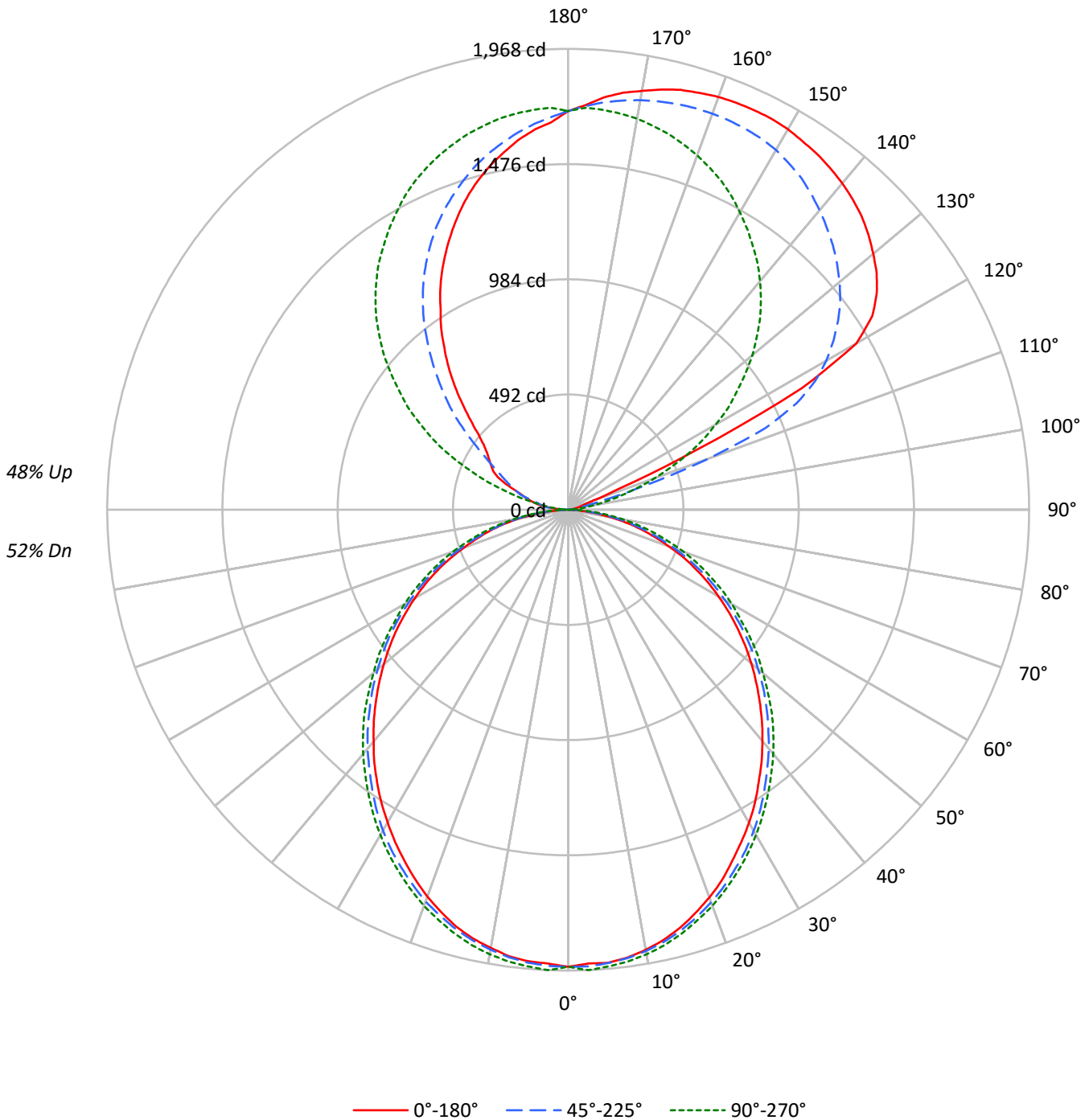
Lumens per Lamp: N/A
Luminaire Lumens: 10043.7 lumens
Efficiency: N/A
Efficacy: 127.8 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 8' x L: 0.12' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 78.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	108	108	108	108	100	100	100	100	84	84	84	71	71	71	58	58	58	52
1	98	94	90	86	91	87	83	80	74	71	69	62	60	59	51	50	49	44
2	89	82	75	70	82	76	70	66	65	61	57	54	51	49	45	43	41	36
3	81	72	64	58	75	67	60	55	57	52	48	48	44	41	40	37	35	31
4	74	63	55	49	68	59	52	46	50	45	41	43	39	35	35	32	30	26
5	68	56	48	42	63	53	45	40	45	39	35	38	34	30	32	29	26	23
6	63	51	42	37	58	47	40	35	41	35	31	35	30	27	29	25	23	20
7	58	46	38	32	54	43	35	30	37	31	27	31	27	24	26	23	20	18
8	54	41	34	28	50	39	32	27	34	28	24	29	24	21	24	21	18	16
9	50	38	30	25	46	35	29	24	31	25	21	26	22	19	22	19	16	14
10	47	35	27	23	43	33	26	21	28	23	19	24	20	17	21	17	15	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	21011	21011	21011
5°	20983	21156	20919
10°	20854	21073	20767
15°	20593	20883	20549
20°	20183	20618	20137
25°	19668	20285	19644
30°	19191	19936	19166
35°	18633	19527	18686
40°	18126	19138	18154
45°	17597	18724	17689
50°	17081	18152	17215
55°	16552	17753	16777
60°	15974	17394	16275
65°	15333	16912	15740
70°	14414	16428	14918
75°	13308	15720	14306
80°	11406	14629	12893
85°	7163	12844	9386



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	184.3	1.8
10°-20°	522.0	5.2
20°-30°	772.8	7.7
30°-40°	907.5	9.0
40°-50°	920.1	9.2
50°-60°	820.8	8.2
60°-70°	629.1	6.3
70°-80°	370.4	3.7
80°-90°	99.8	1.0
90°-100°	48.5	0.5
100°-110°	209.1	2.1
110°-120°	586.0	5.8
120°-130°	847.1	8.4
130°-140°	914.5	9.1
140°-150°	869.7	8.7
150°-160°	713.8	7.1
160°-170°	466.6	4.6
170°-180°	161.7	1.6
0°-30°	1479.0	14.7
0°-40°	2386.5	23.8
0°-60°	4127.4	41.1
0°-90°	5226.8	52.0
90°-120°	843.6	8.4
90°-150°	3474.8	34.6
90°-180°	4817.0	48.0
0°-180°	10043.7	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1952	1952	1952	1952	1952	
5°	1942	1944	1958	1942	1936	184
15°	1848	1860	1874	1854	1844	520
25°	1656	1690	1708	1686	1654	763
35°	1418	1460	1486	1458	1422	888
45°	1156	1198	1230	1198	1162	892
55°	882	920	946	926	894	789
65°	602	630	664	640	618	595
75°	320	342	378	352	344	338
85°	58	76	104	86	76	74
90°	2	2	2	10	14	2
95°	12	14	36	66	60	13
105°	52	152	236	164	184	61
115°	606	1076	566	294	334	670
125°	1608	1406	878	486	422	1426
135°	1772	1598	1158	784	638	1367
145°	1854	1732	1374	1082	946	1162
155°	1882	1794	1548	1332	1228	870
165°	1856	1794	1660	1522	1464	526
175°	1768	1746	1714	1654	1630	170
180°	1702	1702	1702	1702	1702	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952
2.5°	1940	1938	1944	1948	1948	1950	1954	1956	1954	1962	1952
5°	1942	1938	1940	1940	1938	1940	1944	1946	1946	1954	1944
7.5°	1930	1928	1930	1928	1926	1928	1930	1934	1932	1940	1932
10°	1908	1906	1906	1906	1904	1906	1910	1914	1914	1920	1914
12.5°	1882	1878	1880	1882	1878	1880	1884	1888	1888	1896	1890
15°	1848	1846	1850	1854	1850	1850	1854	1856	1858	1864	1860
17.5°	1806	1806	1810	1816	1812	1812	1816	1820	1820	1824	1824
20°	1762	1760	1764	1768	1768	1766	1772	1776	1778	1782	1784
22.5°	1714	1710	1712	1718	1716	1716	1718	1726	1730	1734	1740
25°	1656	1656	1660	1664	1664	1664	1666	1672	1678	1684	1690
27.5°	1600	1600	1602	1610	1610	1608	1612	1622	1628	1632	1640
30°	1544	1538	1544	1550	1554	1550	1556	1564	1568	1574	1584
32.5°	1484	1482	1482	1490	1494	1492	1494	1504	1512	1514	1524
35°	1418	1420	1420	1426	1430	1428	1430	1440	1448	1450	1460
37.5°	1356	1356	1356	1362	1366	1366	1366	1376	1384	1390	1396
40°	1290	1292	1290	1296	1302	1300	1302	1310	1320	1326	1332
42.5°	1224	1222	1222	1228	1236	1234	1236	1244	1252	1260	1264
45°	1156	1152	1156	1162	1168	1170	1168	1176	1184	1190	1198
47.5°	1088	1086	1086	1092	1098	1098	1100	1106	1116	1120	1130
50°	1020	1020	1018	1024	1030	1032	1032	1036	1046	1054	1058
52.5°	952	952	952	954	958	964	964	968	974	984	990
55°	882	884	882	884	890	894	894	898	904	914	920
57.5°	812	814	812	814	820	822	824	828	832	840	846
60°	742	744	742	744	750	754	752	758	762	766	774
62.5°	672	676	674	678	680	684	682	688	692	696	704
65°	602	606	604	608	608	612	610	616	620	624	630
67.5°	532	536	534	536	538	542	538	546	550	552	558
70°	458	462	460	462	464	466	464	470	476	478	482
72.5°	388	392	392	394	394	398	398	398	402	408	410
75°	320	324	324	324	324	328	328	332	334	338	342
77.5°	252	256	256	256	256	260	260	264	266	270	274
80°	184	188	190	190	190	192	192	196	198	202	206
82.5°	120	122	124	122	124	126	130	130	132	136	140
85°	58	60	62	62	62	64	64	68	70	72	76
87.5°	8	10	10	10	10	12	12	12	14	14	18
90°	2	2	2	2	2	2	2	2	2	2	2
92.5°	6	6	6	6	6	6	6	6	6	6	6
95°	12	12	12	12	12	12	12	12	12	12	14
97.5°	18	18	20	18	20	20	20	20	22	22	26
100°	28	28	28	28	28	28	30	30	34	36	42
102.5°	38	38	38	40	40	42	42	44	50	58	76
105°	52	52	54	54	56	58	60	68	80	104	152
107.5°	72	74	76	78	84	90	96	118	154	228	340
110°	114	116	124	132	152	172	192	266	374	510	634



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	238	246	252	300	364	420	472	604	746	862	910
115°	606	620	630	724	824	888	928	1018	1076	1094	1076
117.5°	1126	1132	1146	1180	1226	1248	1252	1266	1252	1224	1188
120°	1420	1420	1412	1414	1408	1408	1400	1378	1348	1314	1272
122.5°	1540	1534	1524	1516	1498	1494	1482	1454	1422	1388	1342
125°	1608	1602	1594	1584	1564	1556	1544	1516	1484	1448	1406
127.5°	1660	1654	1646	1636	1618	1610	1596	1568	1536	1502	1464
130°	1700	1698	1688	1682	1664	1656	1642	1614	1584	1550	1512
132.5°	1738	1734	1724	1720	1704	1694	1682	1656	1626	1592	1556
135°	1772	1768	1756	1752	1738	1726	1716	1692	1666	1632	1598
137.5°	1798	1792	1784	1780	1766	1754	1746	1724	1698	1666	1634
140°	1820	1814	1808	1804	1792	1782	1772	1750	1728	1702	1670
142.5°	1838	1834	1828	1822	1810	1802	1794	1776	1756	1730	1702
145°	1854	1850	1844	1840	1826	1820	1812	1796	1778	1752	1732
147.5°	1864	1862	1858	1854	1840	1834	1826	1814	1796	1772	1754
150°	1876	1872	1868	1866	1852	1846	1842	1828	1812	1790	1774
152.5°	1882	1878	1874	1872	1858	1854	1850	1838	1820	1800	1786
155°	1882	1880	1876	1874	1860	1854	1852	1840	1824	1808	1794
157.5°	1880	1876	1874	1870	1858	1854	1850	1840	1826	1812	1798
160°	1876	1872	1870	1866	1856	1852	1850	1840	1830	1816	1800
162.5°	1866	1864	1862	1860	1852	1848	1846	1838	1826	1814	1798
165°	1856	1852	1850	1846	1838	1838	1836	1830	1818	1812	1794
167.5°	1838	1832	1832	1826	1820	1820	1818	1816	1806	1802	1786
170°	1816	1814	1810	1808	1804	1804	1802	1800	1792	1792	1776
172.5°	1796	1794	1792	1788	1782	1782	1782	1782	1776	1776	1762
175°	1768	1764	1764	1762	1758	1760	1760	1760	1756	1760	1746
177.5°	1730	1726	1730	1734	1732	1734	1736	1736	1732	1738	1726
180°	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952
2.5°	1944	1946	1944	1946	1948	1946	1948	1956	1964	1968	1964
5°	1936	1938	1936	1938	1940	1938	1940	1946	1956	1958	1956
7.5°	1924	1926	1924	1926	1926	1926	1926	1934	1942	1946	1942
10°	1904	1906	1904	1908	1908	1908	1908	1916	1924	1928	1922
12.5°	1880	1882	1880	1884	1882	1884	1886	1892	1900	1904	1900
15°	1848	1852	1850	1854	1854	1854	1854	1862	1870	1874	1870
17.5°	1812	1814	1814	1818	1818	1818	1820	1828	1834	1838	1834
20°	1772	1776	1776	1778	1778	1780	1782	1788	1796	1800	1796
22.5°	1728	1732	1734	1734	1734	1736	1738	1744	1754	1756	1752
25°	1682	1682	1686	1686	1688	1690	1692	1696	1706	1708	1706
27.5°	1632	1630	1632	1636	1636	1640	1642	1646	1654	1658	1654
30°	1576	1576	1580	1582	1582	1584	1588	1592	1600	1604	1600
32.5°	1520	1518	1524	1524	1526	1528	1530	1536	1542	1546	1544
35°	1462	1456	1464	1464	1466	1470	1470	1474	1482	1486	1482
37.5°	1402	1396	1402	1406	1404	1408	1410	1414	1422	1424	1424
40°	1340	1334	1340	1342	1342	1344	1348	1350	1356	1362	1358
42.5°	1272	1270	1274	1278	1278	1280	1282	1284	1290	1296	1292
45°	1204	1204	1208	1212	1214	1214	1216	1218	1222	1230	1224
47.5°	1136	1136	1140	1142	1142	1144	1148	1148	1156	1156	1158
50°	1064	1068	1072	1078	1074	1076	1080	1080	1084	1084	1090
52.5°	994	996	1002	1008	1010	1008	1010	1010	1014	1020	1016
55°	924	924	932	938	938	938	938	940	946	946	946
57.5°	852	854	860	868	868	868	868	870	874	872	878
60°	782	782	790	794	794	798	798	800	802	808	808
62.5°	712	712	718	722	726	724	726	728	732	738	734
65°	640	640	646	648	654	652	654	660	662	664	662
67.5°	566	568	574	576	582	584	582	590	592	596	594
70°	488	490	498	500	504	502	506	516	520	522	518
72.5°	418	420	428	430	434	432	436	442	446	448	448
75°	346	350	354	358	364	362	366	372	376	378	378
77.5°	278	280	286	288	294	292	294	298	304	306	306
80°	210	214	216	220	224	222	226	232	234	236	236
82.5°	144	146	150	154	158	160	162	166	168	168	168
85°	80	84	88	90	94	92	98	102	104	104	106
87.5°	22	26	28	32	36	36	36	44	44	46	46
90°	2	2	2	2	2	2	2	2	2	2	2
92.5°	6	8	8	10	12	14	20	20	16	14	16
95°	16	18	22	34	42	48	56	54	46	36	34
97.5°	30	38	54	82	98	106	114	102	86	70	64
100°	56	76	116	164	182	190	188	162	140	114	100
102.5°	106	162	230	284	296	286	270	238	206	170	148
105°	230	326	396	416	422	402	364	324	278	236	204
107.5°	458	546	572	558	550	516	468	416	362	310	270
110°	726	742	724	680	656	626	572	512	444	392	344



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	922	888	842	784	756	724	666	608	534	476	424
115°	1048	998	942	880	850	816	758	694	620	566	506
117.5°	1146	1084	1028	968	940	906	848	778	704	650	590
120°	1222	1164	1106	1050	1018	990	930	860	786	726	670
122.5°	1290	1236	1180	1126	1096	1064	1002	934	866	810	754
125°	1354	1304	1248	1194	1164	1132	1072	1006	938	878	830
127.5°	1414	1366	1310	1258	1228	1194	1136	1072	1014	952	904
130°	1468	1424	1370	1318	1288	1256	1198	1136	1080	1026	974
132.5°	1516	1472	1420	1372	1340	1312	1256	1198	1142	1092	1044
135°	1562	1516	1468	1418	1390	1364	1310	1256	1204	1158	1114
137.5°	1604	1554	1506	1458	1432	1410	1358	1308	1264	1218	1174
140°	1640	1588	1544	1498	1474	1452	1404	1356	1318	1274	1232
142.5°	1668	1616	1576	1532	1510	1492	1446	1404	1366	1328	1286
145°	1690	1644	1606	1564	1546	1526	1484	1446	1412	1374	1336
147.5°	1712	1672	1634	1596	1578	1560	1522	1488	1456	1422	1384
150°	1730	1694	1660	1626	1610	1592	1558	1526	1498	1466	1430
152.5°	1742	1712	1682	1652	1636	1622	1590	1564	1538	1510	1474
155°	1752	1728	1700	1674	1660	1648	1618	1594	1572	1548	1516
157.5°	1762	1738	1714	1690	1678	1666	1640	1622	1602	1580	1550
160°	1766	1748	1724	1704	1694	1684	1662	1646	1630	1610	1582
162.5°	1768	1752	1732	1716	1708	1700	1678	1666	1652	1636	1612
165°	1768	1756	1740	1726	1718	1712	1694	1684	1674	1660	1638
167.5°	1766	1754	1742	1730	1724	1718	1704	1698	1690	1678	1660
170°	1760	1752	1740	1732	1728	1722	1712	1708	1704	1696	1678
172.5°	1750	1744	1736	1730	1728	1722	1714	1712	1712	1706	1692
175°	1736	1734	1728	1724	1720	1718	1712	1714	1716	1714	1702
177.5°	1718	1718	1714	1714	1712	1710	1708	1712	1718	1718	1710
180°	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702



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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952
2.5°	1958	1950	1948	1948	1946	1942	1940	1942	1950	1962	1950
5°	1950	1942	1938	1938	1938	1932	1932	1932	1942	1952	1940
7.5°	1936	1928	1926	1926	1924	1920	1918	1920	1928	1938	1926
10°	1918	1910	1908	1906	1904	1900	1898	1900	1908	1916	1906
12.5°	1894	1886	1882	1884	1880	1874	1874	1874	1884	1890	1880
15°	1864	1854	1852	1852	1850	1844	1844	1844	1854	1858	1846
17.5°	1828	1820	1818	1818	1814	1808	1808	1806	1818	1820	1812
20°	1790	1782	1778	1778	1774	1768	1768	1766	1780	1776	1770
22.5°	1748	1738	1734	1736	1732	1724	1724	1722	1734	1728	1720
25°	1702	1690	1688	1686	1684	1674	1674	1674	1686	1676	1670
27.5°	1648	1640	1638	1632	1632	1624	1624	1624	1636	1622	1620
30°	1594	1586	1586	1580	1578	1570	1570	1570	1582	1568	1564
32.5°	1540	1530	1526	1522	1522	1514	1514	1514	1522	1508	1504
35°	1480	1470	1470	1462	1462	1454	1452	1456	1458	1446	1442
37.5°	1418	1408	1408	1402	1402	1394	1394	1400	1394	1388	1380
40°	1356	1348	1344	1338	1340	1334	1332	1336	1332	1326	1316
42.5°	1290	1282	1280	1276	1276	1270	1268	1272	1266	1258	1252
45°	1224	1218	1216	1212	1212	1204	1204	1206	1198	1194	1186
47.5°	1154	1150	1146	1146	1144	1138	1138	1138	1132	1128	1118
50°	1086	1080	1078	1078	1078	1072	1070	1066	1062	1060	1050
52.5°	1016	1012	1010	1010	1012	1002	1000	996	994	992	980
55°	946	942	938	942	940	932	930	932	926	920	910
57.5°	876	870	870	872	870	862	860	862	854	848	840
60°	806	800	798	800	798	790	788	788	782	778	770
62.5°	736	730	730	730	728	724	718	718	712	706	700
65°	662	656	658	658	658	654	648	650	640	636	630
67.5°	592	586	586	586	586	586	576	574	568	566	560
70°	518	510	512	510	508	506	500	498	492	492	486
72.5°	444	440	440	440	438	436	432	430	422	422	418
75°	370	370	368	368	368	366	362	360	352	354	350
77.5°	302	302	298	298	298	296	294	288	288	284	282
80°	232	232	230	230	230	228	226	224	220	218	214
82.5°	168	166	164	164	162	162	160	158	154	148	146
85°	102	102	100	100	98	98	94	90	86	82	80
87.5°	44	44	38	38	36	36	34	32	28	26	24
90°	4	6	6	6	8	8	8	10	10	10	10
92.5°	24	30	32	32	32	32	32	32	32	30	30
95°	40	44	54	58	62	66	66	66	66	64	60
97.5°	60	64	70	70	72	82	90	94	98	100	100
100°	94	86	94	100	98	98	102	110	118	122	124
102.5°	134	120	116	120	124	132	128	130	134	140	146
105°	184	166	152	150	150	158	168	166	164	164	164
107.5°	242	216	194	190	186	186	192	204	212	204	200
110°	308	272	250	238	230	222	222	228	238	248	252



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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	382	338	308	298	282	264	258	258	264	274	282
115°	458	412	370	358	342	314	298	294	294	298	306
117.5°	542	486	440	424	406	374	348	334	328	328	332
120°	616	568	520	498	476	440	406	384	370	362	360
122.5°	700	650	598	580	556	514	478	444	422	406	394
125°	776	730	676	654	632	590	554	516	486	460	440
127.5°	850	804	752	732	710	666	628	592	560	528	500
130°	924	880	828	806	786	744	702	666	638	606	574
132.5°	996	950	902	878	860	818	780	742	710	682	652
135°	1064	1020	972	948	930	892	854	820	784	756	728
137.5°	1128	1084	1042	1016	998	964	928	896	860	830	802
140°	1188	1146	1106	1084	1064	1030	998	972	934	906	878
142.5°	1244	1202	1164	1146	1126	1094	1064	1040	1012	982	954
145°	1294	1258	1222	1204	1186	1156	1128	1106	1082	1052	1026
147.5°	1346	1310	1276	1260	1246	1216	1190	1168	1150	1122	1096
150°	1394	1360	1330	1314	1302	1270	1250	1228	1214	1188	1166
152.5°	1440	1410	1380	1368	1354	1324	1304	1282	1274	1248	1230
155°	1484	1452	1428	1416	1402	1374	1358	1338	1332	1308	1290
157.5°	1524	1492	1470	1458	1446	1422	1406	1388	1384	1366	1346
160°	1558	1528	1508	1500	1488	1466	1450	1436	1432	1420	1400
162.5°	1588	1562	1546	1536	1526	1506	1494	1478	1478	1468	1452
165°	1618	1594	1578	1570	1562	1546	1532	1522	1522	1514	1498
167.5°	1642	1620	1608	1600	1594	1578	1568	1558	1560	1556	1540
170°	1664	1644	1634	1628	1622	1608	1602	1592	1594	1594	1580
172.5°	1682	1664	1656	1650	1648	1634	1630	1624	1626	1630	1612
175°	1694	1680	1672	1670	1666	1658	1652	1650	1654	1660	1644
177.5°	1704	1692	1688	1688	1684	1676	1672	1672	1678	1686	1674
180°	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702



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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1952	1952	1952	1952	1952	1952	1952	1952
2.5°	1954	1952	1950	1946	1944	1940	1938	1940
5°	1942	1940	1938	1936	1936	1934	1934	1936
7.5°	1928	1926	1924	1922	1922	1922	1922	1924
10°	1908	1904	1902	1900	1898	1898	1898	1900
12.5°	1882	1878	1874	1872	1872	1872	1872	1876
15°	1848	1846	1844	1842	1842	1840	1840	1844
17.5°	1814	1810	1806	1804	1802	1802	1800	1802
20°	1768	1764	1760	1758	1758	1756	1756	1758
22.5°	1718	1712	1710	1708	1708	1706	1706	1708
25°	1668	1660	1658	1656	1656	1654	1654	1654
27.5°	1616	1608	1606	1602	1604	1600	1598	1600
30°	1560	1552	1550	1546	1546	1542	1540	1542
32.5°	1500	1492	1490	1488	1490	1482	1480	1484
35°	1438	1430	1430	1426	1428	1420	1420	1422
37.5°	1374	1366	1368	1364	1364	1358	1358	1360
40°	1310	1304	1300	1300	1302	1294	1294	1292
42.5°	1244	1238	1236	1236	1234	1228	1226	1228
45°	1178	1172	1172	1170	1170	1162	1164	1162
47.5°	1110	1106	1104	1102	1102	1094	1096	1094
50°	1042	1040	1038	1036	1036	1028	1032	1028
52.5°	974	972	970	970	968	964	964	960
55°	906	902	902	902	900	894	898	894
57.5°	838	834	832	830	830	828	826	824
60°	768	764	764	760	760	760	758	756
62.5°	698	694	694	692	692	692	690	688
65°	630	624	624	622	622	622	620	618
67.5°	558	554	554	552	554	554	552	548
70°	484	480	480	478	480	480	478	474
72.5°	416	412	410	412	412	412	408	406
75°	348	342	342	344	342	344	340	344
77.5°	280	274	274	276	274	274	272	276
80°	210	206	206	208	206	206	204	208
82.5°	144	142	144	140	136	136	134	138
85°	80	78	76	76	74	74	72	76
87.5°	24	26	26	24	24	24	24	26
90°	10	10	10	12	12	14	14	14
92.5°	30	30	28	30	28	28	28	28
95°	60	60	60	60	60	60	60	60
97.5°	100	102	100	102	100	98	100	98
100°	126	130	130	132	132	132	132	132
102.5°	150	154	154	156	156	158	158	156
105°	170	172	174	176	180	184	184	184
107.5°	198	202	200	202	204	204	204	204
110°	248	244	242	238	238	238	238	238



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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	290	294	294	294	294	292	288	288
115°	316	324	326	328	332	334	334	334
117.5°	336	344	346	350	354	358	360	362
120°	362	368	370	370	374	376	380	380
122.5°	392	394	394	394	396	398	400	400
125°	432	426	426	422	422	420	422	422
127.5°	482	474	470	464	460	454	454	454
130°	552	538	530	520	512	500	500	500
132.5°	628	606	600	590	578	566	564	564
135°	706	682	674	664	650	640	632	638
137.5°	780	758	756	748	730	718	716	716
140°	856	832	828	820	810	798	792	794
142.5°	930	906	902	896	882	872	866	868
145°	1006	982	978	970	956	948	940	946
147.5°	1078	1056	1050	1040	1032	1022	1016	1014
150°	1148	1126	1122	1112	1104	1096	1088	1092
152.5°	1214	1198	1190	1180	1174	1166	1160	1162
155°	1276	1256	1252	1244	1240	1232	1228	1228
157.5°	1330	1318	1312	1306	1300	1296	1290	1292
160°	1388	1376	1370	1366	1358	1358	1352	1354
162.5°	1442	1432	1426	1422	1418	1416	1410	1412
165°	1490	1480	1478	1472	1470	1470	1464	1464
167.5°	1534	1526	1520	1518	1514	1514	1510	1512
170°	1576	1568	1564	1560	1556	1556	1554	1554
172.5°	1612	1606	1604	1600	1598	1598	1596	1596
175°	1646	1640	1638	1634	1632	1630	1630	1630
177.5°	1676	1674	1670	1670	1666	1662	1658	1656
180°	1702	1702	1702	1702	1702	1702	1702	1702

(END OF REPORT)