

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: STREETWORKS

Report Number: P153659

Luminaire Tested: **TMU-E06-LED-E-U-SLR-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P153659
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: TMU-E06-LED-E-U-SLR-7030
Description: TALON MEDIUM LED AREA LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (126) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15248.1 lumens
Efficiency: N/A
Efficacy: 101.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G3

Input Watts (W): 150.5
Input Voltage (V): NR
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: 28.75 FT

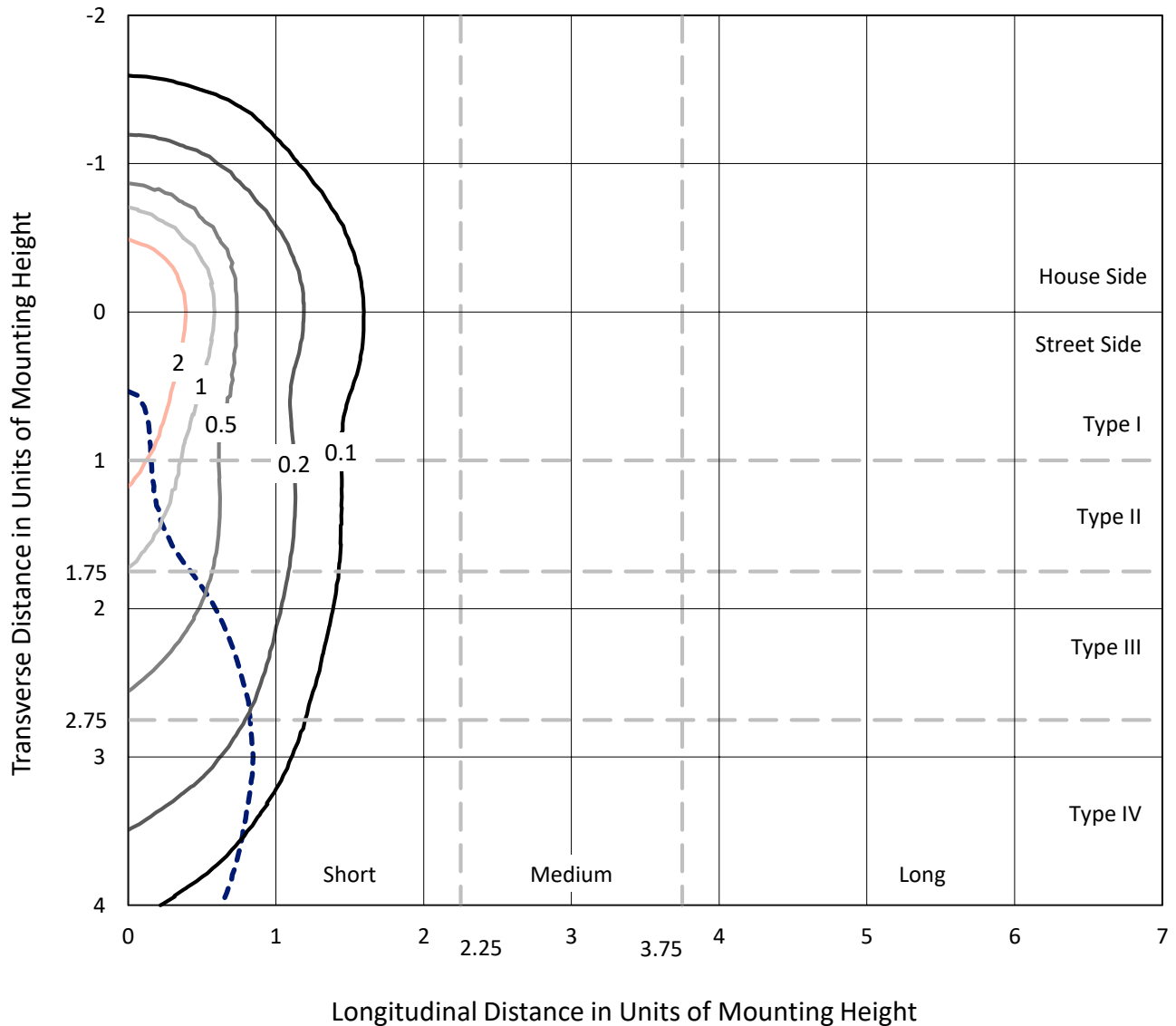


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Iso-Footcandle Lines of Horizontal Illumination

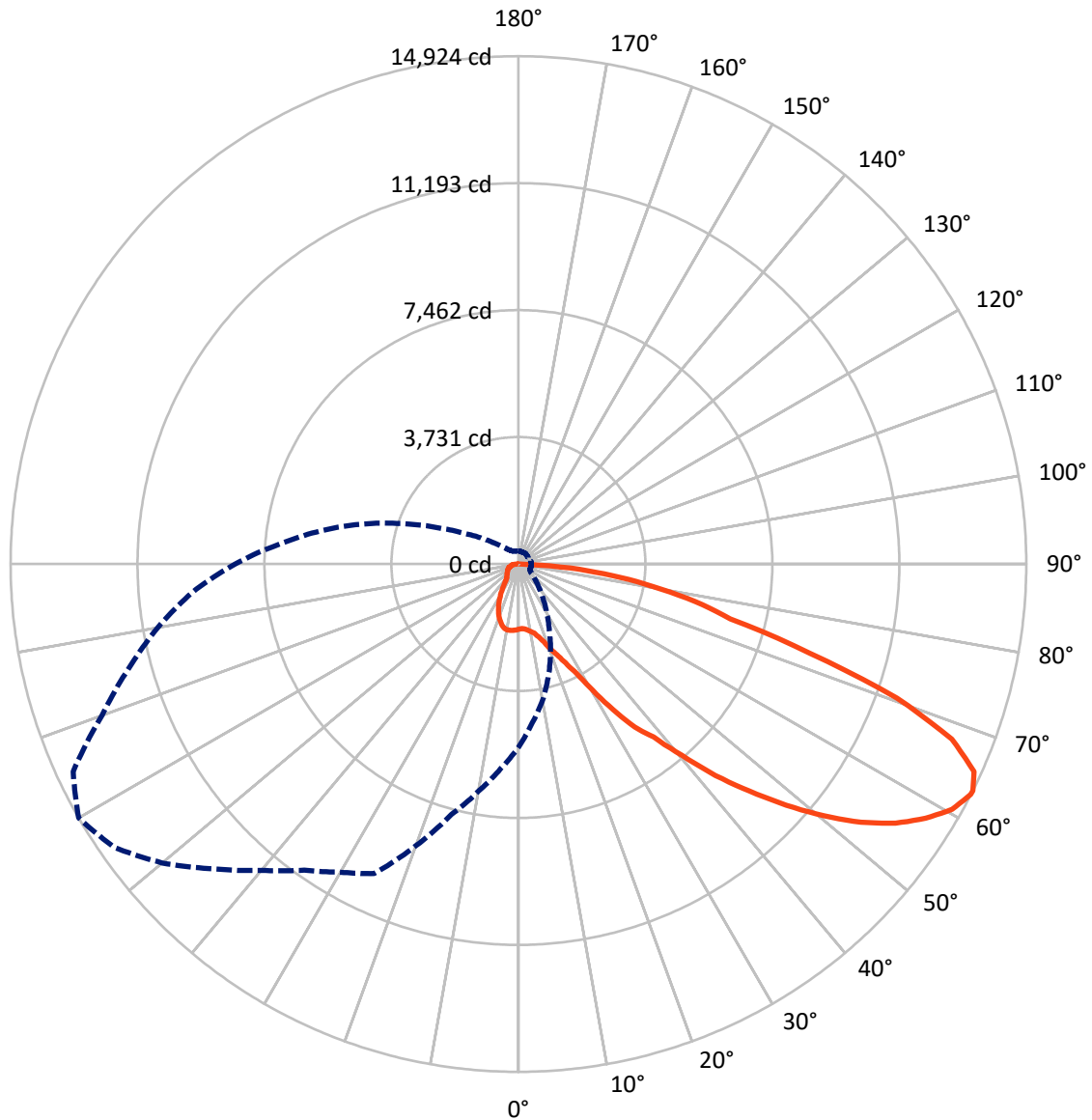
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.8 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3306.5	0.0	3306.5
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	11941.6	0.0	11941.6
	% Fixture	78.3	0.0	78.3
Total	Lumens	15248.1	0.0	15248.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	186.5	1.2
10°-20°	580.9	3.8
20°-30°	1032.1	6.8
30°-40°	1625.2	10.7
40°-50°	2391.9	15.7
50°-60°	3177.1	20.8
60°-70°	3499.6	23.0
70°-80°	2195.6	14.4
80°-90°	559.2	3.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	15248.1	100.0
0°-180°	15248.1	100.0

Coefficient of Utilization



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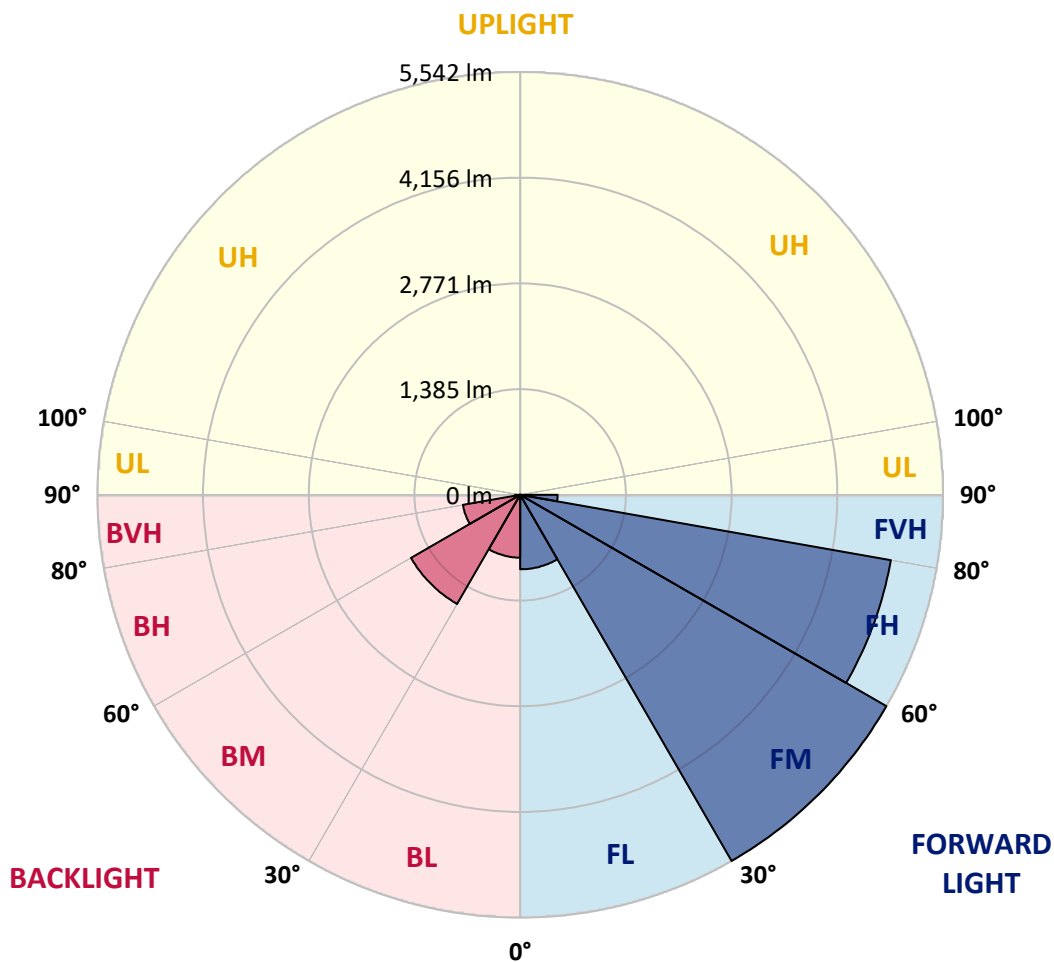
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	976.4	6.4			
FM	(30°-60°)	5541.5	36.3			
FH	(60°-80°)	4933.0	32.4			G2/5000
FVH	(80°-90°)	490.7	3.2			G3/500
BL	(0°-30°)	823.2	5.4	B2/1000		
BM	(30°-60°)	1652.7	10.8	B2/2500		
BH	(60°-80°)	762.2	5.0	B2/1000		G2/1000
BVH	(80°-90°)	68.5	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2
2.5°	1890.6	1896.1	1894.3	1894.3	1897.9	1896.1	1896.1	1897.9	1897.9	1903.4	1910.7
5°	1876.0	1874.2	1870.5	1874.2	1874.2	1874.2	1866.9	1872.4	1874.2	1877.8	1877.8
7.5°	1894.3	1888.8	1881.5	1883.3	1883.3	1879.7	1874.2	1876.0	1874.2	1874.2	1872.4
10°	1918.0	1905.2	1896.1	1896.1	1896.1	1892.5	1883.3	1888.8	1888.8	1887.0	1888.8
12.5°	1960.0	1945.4	1934.5	1930.8	1930.8	1925.3	1918.0	1925.3	1921.7	1921.7	1918.0
15°	2029.5	2013.0	2000.2	1989.3	1991.1	1991.1	1982.0	1976.5	1969.2	1960.0	1941.8
17.5°	2133.6	2115.3	2098.9	2089.7	2091.6	2078.8	2053.2	2027.6	1992.9	1958.2	1919.9
20°	2281.5	2276.1	2254.1	2245.0	2223.1	2192.0	2120.8	2060.5	1992.9	1927.2	1861.4
22.5°	2537.3	2511.7	2489.8	2455.1	2382.0	2296.2	2177.4	2071.5	1965.5	1872.4	1784.7
25°	2880.7	2835.0	2727.3	2621.3	2471.5	2318.1	2157.3	2020.3	1888.8	1766.4	1658.6
27.5°	3218.6	3079.8	2888.0	2696.2	2477.0	2276.1	2075.1	1912.6	1759.1	1625.8	1507.0
30°	3627.8	3394.0	3099.9	2796.7	2486.1	2215.8	1974.7	1784.7	1607.5	1466.8	1342.6
32.5°	4011.4	3673.5	3288.1	2889.8	2506.2	2159.2	1859.6	1644.0	1461.4	1284.2	1161.8
35°	4274.5	3836.1	3368.4	2899.0	2456.9	2051.4	1715.3	1461.4	1278.7	1114.3	970.0
37.5°	4431.6	3907.3	3372.1	2833.2	2341.8	1905.2	1532.6	1280.5	1112.5	955.4	842.1
40°	4530.2	3923.8	3324.6	2738.2	2195.7	1720.8	1349.9	1123.4	970.0	843.9	756.3
42.5°	4577.7	3898.2	3247.9	2617.7	2047.7	1556.3	1222.1	1008.3	875.0	785.5	719.7
45°	4585.0	3852.5	3165.7	2508.1	1916.2	1437.6	1134.4	960.8	851.2	776.3	710.6
47.5°	4585.0	3812.3	3099.9	2427.7	1830.4	1386.5	1127.1	980.9	873.2	789.1	710.6
50°	4588.7	3799.5	3072.5	2387.5	1801.1	1413.9	1189.2	1043.0	920.7	811.1	708.8
52.5°	4605.1	3816.0	3094.4	2418.6	1854.1	1523.5	1306.1	1136.2	982.8	836.6	708.8
55°	4641.6	3870.8	3187.6	2526.3	1996.6	1689.7	1446.7	1236.7	1032.1	847.6	697.8
57.5°	4743.9	4009.6	3357.5	2734.6	2239.5	1881.5	1574.6	1307.9	1050.4	838.5	675.9
60°	4948.5	4285.4	3647.9	3026.8	2497.1	2045.9	1649.5	1318.9	1033.9	809.2	641.2
62.5°	5275.5	4601.5	4000.5	3344.7	2725.4	2137.2	1658.6	1291.5	990.1	756.3	590.0
63°	5388.8	4680.0	4075.4	3405.0	2754.7	2144.5	1651.3	1280.5	979.1	741.6	582.7
65°	5704.8	5010.6	4334.8	3616.9	2836.9	2146.4	1611.2	1225.7	928.0	685.0	531.6
67.5°	6294.8	5445.4	4661.7	3783.1	2866.1	2087.9	1508.9	1123.4	820.2	597.3	467.6
70°	6667.5	5688.3	4787.8	3786.8	2780.2	1921.7	1331.7	957.2	683.2	495.0	401.9
72.5°	6570.6	5449.0	4455.3	3445.2	2409.4	1605.7	1070.4	752.6	533.4	396.4	334.3
75°	5628.1	4535.7	3635.1	2668.8	1821.2	1180.0	783.7	537.0	394.6	310.5	279.5
77.5°	4051.6	3264.3	2606.7	1901.6	1227.5	763.6	520.6	383.6	299.6	255.7	230.2
80°	2581.1	1914.4	1594.7	1143.5	717.9	473.1	358.0	290.4	246.6	213.7	197.3
82.5°	1348.1	944.4	767.2	584.5	398.2	312.4	263.0	237.5	202.8	177.2	168.1
85°	840.3	557.1	412.8	288.6	199.1	179.0	164.4	160.7	144.3	127.9	122.4
87.5°	95.0	85.9	89.5	56.6	42.0	45.7	43.8	58.5	56.6	42.0	43.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2
2.5°	1903.4	1907.1	1907.1	1912.6	1912.6	1916.2	1919.9	1919.9	1923.5	1925.3	1929.0
5°	1881.5	1881.5	1881.5	1888.8	1890.6	1901.6	1905.2	1908.9	1912.6	1925.3	1932.6
7.5°	1876.0	1868.7	1872.4	1872.4	1877.8	1887.0	1896.1	1901.6	1907.1	1923.5	1934.5
10°	1887.0	1881.5	1876.0	1876.0	1877.8	1881.5	1888.8	1894.3	1897.9	1914.4	1923.5
12.5°	1916.2	1903.4	1892.5	1883.3	1876.0	1874.2	1870.5	1872.4	1876.0	1885.2	1897.9
15°	1921.7	1897.9	1874.2	1850.4	1832.2	1821.2	1812.1	1808.4	1808.4	1813.9	1828.5
17.5°	1885.2	1845.0	1810.3	1779.2	1759.1	1739.0	1729.9	1722.6	1718.9	1726.2	1728.1
20°	1806.6	1759.1	1711.6	1675.1	1638.6	1633.1	1618.5	1622.1	1625.8	1636.7	1642.2
22.5°	1698.8	1642.2	1583.7	1545.4	1516.2	1490.6	1474.1	1481.5	1486.9	1497.9	1503.4
25°	1567.3	1485.1	1423.0	1384.6	1353.6	1331.7	1313.4	1320.7	1313.4	1326.2	1346.3
27.5°	1412.0	1315.2	1249.5	1205.6	1183.7	1165.4	1147.2	1147.2	1165.4	1165.4	1181.9
30°	1223.9	1152.6	1066.8	1021.1	993.7	982.8	980.9	977.3	990.1	997.4	1015.6
32.5°	1046.7	959.0	876.8	833.0	809.2	796.4	798.3	800.1	805.6	816.5	845.8
35°	867.7	791.0	732.5	683.2	659.4	635.7	635.7	632.0	637.5	650.3	685.0
37.5°	752.6	685.0	639.3	601.0	577.2	562.6	549.8	544.4	544.4	549.8	562.6
40°	688.7	639.3	597.3	564.5	542.5	529.7	522.4	517.0	513.3	513.3	515.1
42.5°	659.4	608.3	566.3	537.0	520.6	513.3	511.5	509.6	504.2	502.3	500.5
45°	644.8	586.4	538.9	515.1	502.3	498.7	500.5	500.5	498.7	495.0	487.7
47.5°	633.9	566.3	518.8	496.9	491.4	491.4	491.4	491.4	489.6	487.7	482.2
50°	615.6	535.2	484.1	467.6	464.0	464.0	465.8	465.8	469.5	465.8	462.2
52.5°	595.5	506.0	454.8	440.2	438.4	436.6	436.6	436.6	438.4	438.4	436.6
55°	573.6	484.1	440.2	429.3	431.1	429.3	427.4	425.6	425.6	423.8	420.1
57.5°	551.7	465.8	429.3	422.0	423.8	423.8	420.1	416.5	414.7	409.2	405.5
60°	518.8	440.2	407.4	403.7	409.2	409.2	409.2	407.4	407.4	405.5	396.4
62.5°	474.9	403.7	378.1	380.0	381.8	385.4	385.4	385.4	385.4	381.8	372.6
63°	465.8	396.4	372.6	372.6	378.1	378.1	380.0	378.1	380.0	376.3	365.3
65°	429.3	372.6	354.4	356.2	359.9	359.9	359.9	358.0	358.0	352.6	347.1
67.5°	387.3	343.4	332.5	334.3	336.1	339.8	337.9	337.9	339.8	336.1	330.6
70°	339.8	312.4	305.1	306.9	308.7	308.7	306.9	306.9	308.7	305.1	299.6
72.5°	303.2	292.3	286.8	286.8	283.1	283.1	279.5	277.7	275.8	275.8	270.4
75°	255.7	253.9	255.7	259.4	255.7	252.1	250.3	244.8	241.1	241.1	239.3
77.5°	219.2	219.2	222.9	228.3	230.2	230.2	224.7	215.6	213.7	213.7	213.7
80°	190.0	186.3	186.3	191.8	197.3	195.5	186.3	177.2	177.2	186.3	188.2
82.5°	166.2	166.2	160.7	162.6	160.7	158.9	149.8	144.3	142.5	149.8	157.1
85°	131.5	133.3	131.5	129.7	127.9	122.4	115.1	109.6	107.8	115.1	126.0
87.5°	53.0	51.1	49.3	51.1	49.3	53.0	51.1	47.5	45.7	51.1	62.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2
2.5°	1930.8	1934.5	1938.1	1938.1	1941.8	1940.0	1941.8	1943.6	1943.6	1945.4	1945.4
5°	1941.8	1947.3	1954.6	1961.9	1963.7	1969.2	1974.7	1971.0	1976.5	1983.8	1983.8
7.5°	1945.4	1958.2	1963.7	1974.7	1976.5	1983.8	1996.6	1987.5	1998.4	2003.9	2005.7
10°	1940.0	1952.7	1961.9	1974.7	1980.1	1992.9	2005.7	2002.1	2014.9	2024.0	2025.8
12.5°	1907.1	1919.9	1940.0	1958.2	1972.8	1992.9	2016.7	2009.4	2027.6	2038.6	2044.1
15°	1843.1	1855.9	1877.8	1907.1	1934.5	1965.5	1996.6	2002.1	2020.3	2033.1	2038.6
17.5°	1742.7	1759.1	1782.9	1813.9	1848.6	1901.6	1941.8	1961.9	1987.5	1994.8	2003.9
20°	1649.5	1666.0	1680.6	1698.8	1724.4	1775.6	1828.5	1868.7	1901.6	1929.0	1936.3
22.5°	1525.3	1539.9	1558.2	1572.8	1591.1	1627.6	1671.4	1717.1	1768.2	1784.7	1803.0
25°	1375.5	1384.6	1410.2	1419.3	1432.1	1463.2	1497.9	1530.8	1580.1	1614.8	1623.9
27.5°	1214.8	1223.9	1247.6	1253.1	1269.6	1298.8	1324.4	1337.1	1382.8	1419.3	1448.6
30°	1028.4	1052.2	1081.4	1085.1	1103.3	1121.6	1145.3	1158.1	1200.1	1238.5	1275.0
32.5°	867.7	891.4	915.2	929.8	938.9	953.5	977.3	990.1	1030.3	1065.0	1101.5
35°	703.3	732.5	758.1	778.2	785.5	803.7	822.0	834.8	876.8	907.9	933.4
37.5°	579.1	601.0	628.4	648.5	668.6	681.4	703.3	721.5	747.1	763.6	791.0
40°	518.8	529.7	544.4	560.8	577.2	591.9	608.3	622.9	639.3	661.3	679.5
42.5°	498.7	500.5	500.5	506.0	515.1	522.4	537.0	548.0	559.0	575.4	584.5
45°	484.1	482.2	478.6	474.9	476.8	480.4	489.6	496.9	509.6	517.0	518.8
47.5°	476.8	469.5	462.2	456.7	454.8	456.7	464.0	471.3	478.6	484.1	485.9
50°	453.0	447.5	436.6	429.3	425.6	429.3	438.4	442.1	449.4	454.8	456.7
52.5°	429.3	422.0	414.7	407.4	407.4	409.2	416.5	423.8	431.1	432.9	436.6
55°	414.7	403.7	396.4	390.9	387.3	392.7	398.2	407.4	416.5	418.3	422.0
57.5°	400.0	389.1	381.8	376.3	372.6	378.1	383.6	396.4	407.4	407.4	407.4
60°	390.9	381.8	370.8	365.3	359.9	365.3	372.6	385.4	396.4	394.6	392.7
62.5°	365.3	356.2	350.7	350.7	345.2	354.4	361.7	376.3	378.1	374.5	370.8
63°	358.0	350.7	347.1	347.1	343.4	352.6	359.9	372.6	372.6	369.0	365.3
65°	339.8	334.3	330.6	334.3	334.3	343.4	345.2	354.4	352.6	347.1	345.2
67.5°	325.2	321.5	317.8	317.8	317.8	319.7	321.5	325.2	323.3	321.5	323.3
70°	301.4	299.6	295.9	295.9	294.1	294.1	294.1	295.9	295.9	297.8	299.6
72.5°	272.2	268.5	268.5	270.4	266.7	268.5	270.4	268.5	272.2	272.2	274.0
75°	239.3	237.5	241.1	244.8	243.0	243.0	244.8	244.8	246.6	246.6	248.4
77.5°	213.7	215.6	217.4	221.0	222.9	222.9	222.9	221.0	222.9	222.9	224.7
80°	190.0	193.6	197.3	200.9	202.8	202.8	202.8	200.9	200.9	200.9	200.9
82.5°	171.7	177.2	180.8	182.7	182.7	182.7	182.7	182.7	182.7	179.0	175.4
85°	144.3	155.3	155.3	157.1	151.6	148.0	144.3	146.1	148.0	140.7	138.8
87.5°	73.1	73.1	76.7	80.4	82.2	82.2	93.2	87.7	85.9	84.0	80.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2
2.5°	1947.3	1945.4	1949.1	1945.4	1947.3	1949.1	1945.4	1950.9	1954.6	1949.1	1943.6
5°	1987.5	1987.5	1996.6	2000.2	2002.1	2013.0	2007.5	2011.2	2014.9	2013.0	2014.9
7.5°	2013.0	2020.3	2029.5	2038.6	2040.4	2049.6	2047.7	2053.2	2056.9	2066.0	2066.0
10°	2034.9	2044.1	2056.9	2066.0	2075.1	2082.4	2086.1	2097.1	2098.9	2106.2	2106.2
12.5°	2055.0	2066.0	2078.8	2093.4	2102.5	2117.1	2119.0	2135.4	2140.9	2142.7	2137.2
15°	2051.4	2064.2	2078.8	2095.2	2111.7	2129.9	2140.9	2157.3	2166.5	2170.1	2161.0
17.5°	2016.7	2027.6	2045.9	2067.8	2087.9	2111.7	2131.8	2155.5	2170.1	2173.8	2171.9
20°	1949.1	1956.4	1980.1	2009.4	2033.1	2069.7	2098.9	2135.4	2159.2	2177.4	2182.9
22.5°	1815.7	1834.0	1857.8	1890.6	1925.3	1971.0	2013.0	2066.0	2117.1	2161.0	2204.8
25°	1655.0	1687.9	1724.4	1768.2	1810.3	1857.8	1905.2	1965.5	2040.4	2131.8	2235.9
27.5°	1492.4	1549.0	1594.7	1651.3	1700.7	1748.2	1801.1	1866.9	1949.1	2058.7	2192.0
30°	1328.0	1391.9	1441.3	1507.0	1572.8	1636.7	1689.7	1759.1	1839.5	1950.9	2097.1
32.5°	1152.6	1216.6	1275.0	1335.3	1408.4	1485.1	1549.0	1634.9	1720.8	1835.8	1983.8
35°	971.8	1028.4	1077.8	1141.7	1222.1	1304.3	1388.3	1486.9	1580.1	1700.7	1857.8
37.5°	814.7	854.9	902.4	959.0	1021.1	1108.8	1203.8	1320.7	1426.7	1558.2	1718.9
40°	685.0	706.9	734.3	781.8	838.5	924.3	1017.5	1141.7	1269.6	1413.9	1569.1
42.5°	584.5	595.5	602.8	633.9	679.5	763.6	853.1	973.6	1114.3	1271.4	1428.5
45°	518.8	524.3	526.1	542.5	575.4	648.5	741.6	843.9	979.1	1132.6	1297.0
47.5°	487.7	493.2	496.9	500.5	520.6	577.2	661.3	758.1	882.3	1023.0	1191.0
50°	462.2	467.6	473.1	471.3	480.4	517.0	588.2	677.7	794.6	924.3	1090.5
52.5°	436.6	440.2	440.2	440.2	445.7	469.5	520.6	602.8	710.6	833.0	997.4
55°	422.0	425.6	427.4	429.3	431.1	443.9	482.2	548.0	641.2	754.4	902.4
57.5°	407.4	409.2	412.8	414.7	418.3	425.6	449.4	496.9	575.4	670.4	794.6
60°	394.6	398.2	405.5	407.4	411.0	412.8	423.8	453.0	504.2	577.2	677.7
62.5°	374.5	380.0	387.3	389.1	392.7	394.6	396.4	412.8	436.6	480.4	555.3
63°	369.0	374.5	383.6	385.4	387.3	387.3	389.1	400.0	422.0	460.3	515.1
65°	348.9	356.2	361.7	363.5	365.3	365.3	363.5	367.2	369.0	385.4	418.3
67.5°	327.0	332.5	336.1	337.9	336.1	337.9	336.1	332.5	328.8	332.5	347.1
70°	305.1	308.7	308.7	310.5	312.4	314.2	310.5	306.9	303.2	301.4	310.5
72.5°	279.5	283.1	283.1	285.0	285.0	288.6	288.6	286.8	286.8	288.6	290.4
75°	253.9	257.6	255.7	259.4	259.4	264.9	264.9	266.7	270.4	268.5	266.7
77.5°	230.2	232.0	232.0	233.8	235.6	244.8	250.3	252.1	252.1	248.4	244.8
80°	204.6	204.6	200.9	199.1	200.9	210.1	221.0	222.9	228.3	226.5	228.3
82.5°	171.7	164.4	158.9	158.9	162.6	168.1	171.7	175.4	179.0	179.0	182.7
85°	131.5	124.2	118.7	120.6	126.0	127.9	126.0	126.0	133.3	138.8	133.3
87.5°	78.5	71.2	67.6	62.1	63.9	69.4	67.6	62.1	63.9	51.1	47.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2
2.5°	1947.3	1945.4	1941.8	1936.3	1934.5	1930.8	1932.6	1927.2	1923.5	1919.9	1914.4
5°	2014.9	2014.9	2003.9	2003.9	1998.4	1996.6	1983.8	1978.3	1967.4	1971.0	1958.2
7.5°	2062.3	2067.8	2055.0	2053.2	2045.9	2044.1	2027.6	2022.2	2013.0	2009.4	1998.4
10°	2097.1	2097.1	2080.6	2067.8	2058.7	2049.6	2033.1	2025.8	2018.5	2020.3	2013.0
12.5°	2124.5	2111.7	2087.9	2069.7	2056.9	2047.7	2034.9	2029.5	2027.6	2040.4	2042.3
15°	2146.4	2128.1	2098.9	2086.1	2075.1	2073.3	2073.3	2078.8	2091.6	2115.3	2133.6
17.5°	2159.2	2148.2	2133.6	2129.9	2148.2	2159.2	2173.8	2190.2	2208.5	2241.4	2261.5
20°	2182.9	2190.2	2201.2	2215.8	2245.0	2272.4	2290.7	2314.4	2336.4	2376.5	2409.4
22.5°	2245.0	2287.0	2321.7	2351.0	2394.8	2433.2	2456.9	2489.8	2506.2	2533.6	2584.8
25°	2325.4	2411.2	2484.3	2546.4	2614.0	2654.2	2687.1	2729.1	2754.7	2800.3	2846.0
27.5°	2301.6	2424.0	2533.6	2648.7	2741.9	2846.0	2919.1	2988.5	3032.3	3099.9	3160.2
30°	2228.6	2374.7	2522.7	2674.3	2822.3	2972.0	3110.9	3236.9	3333.7	3430.5	3529.2
32.5°	2129.9	2298.0	2478.8	2665.2	2858.8	3067.0	3258.8	3448.8	3609.6	3750.2	3887.2
35°	2016.7	2206.7	2394.8	2625.0	2864.3	3129.1	3395.8	3658.9	3903.7	4152.1	4320.1
37.5°	1881.5	2075.1	2285.2	2550.1	2831.4	3158.4	3498.1	3841.6	4188.6	4522.9	4813.4
40°	1737.2	1934.5	2155.5	2442.3	2760.1	3140.1	3563.9	4026.0	4502.8	4986.9	5372.3
42.5°	1609.3	1812.1	2053.2	2343.7	2688.9	3116.4	3616.9	4185.0	4767.7	5366.8	5933.1
45°	1485.1	1708.0	1961.9	2274.2	2657.8	3134.6	3695.4	4332.9	5005.2	5732.2	6422.7
47.5°	1373.7	1600.2	1846.8	2188.4	2612.2	3143.8	3772.1	4480.9	5229.8	6017.2	6837.3
50°	1273.2	1492.4	1735.4	2078.8	2540.9	3138.3	3841.6	4614.2	5423.5	6241.8	7157.0
52.5°	1174.6	1397.4	1645.9	1972.8	2453.3	3107.2	3874.4	4723.8	5602.5	6468.3	7414.6
55°	1077.8	1297.0	1547.2	1872.4	2338.2	3026.8	3870.8	4795.1	5745.0	6682.1	7663.0
57.5°	964.5	1172.7	1417.5	1760.9	2215.8	2902.6	3816.0	4828.0	5867.4	6894.0	7960.8
60°	823.8	1019.3	1254.9	1598.4	2055.0	2743.7	3700.9	4809.7	5938.6	7051.1	8214.7
62.5°	650.3	820.2	1035.7	1371.9	1854.1	2515.4	3485.3	4643.5	5825.3	7029.1	8333.4
63°	613.8	774.5	984.6	1317.1	1768.2	2453.3	3421.4	4577.7	5770.5	6983.5	8317.0
65°	493.2	597.3	765.4	1063.1	1479.6	2148.2	3103.6	4239.8	5476.4	6662.0	8079.5
67.5°	378.1	431.1	520.6	728.9	1046.7	1689.7	2513.5	3593.1	4753.1	5867.4	7314.1
70°	323.3	347.1	385.4	484.1	664.9	1066.8	1764.6	2679.8	3684.5	4650.8	5951.4
72.5°	294.1	305.1	325.2	367.2	456.7	639.3	1125.2	1744.5	2506.2	3315.5	4320.1
75°	270.4	279.5	295.9	317.8	350.7	425.6	641.2	1066.8	1629.4	2177.4	2915.4
77.5°	246.6	252.1	270.4	290.4	312.4	350.7	423.8	613.8	937.1	1284.2	1757.3
80°	226.5	222.9	235.6	268.5	290.4	312.4	334.3	398.2	533.4	703.3	949.9
82.5°	180.8	184.5	195.5	228.3	237.5	232.0	235.6	246.6	297.8	325.2	485.9
85°	122.4	113.3	111.4	115.1	115.1	109.6	109.6	107.8	118.7	135.2	232.0
87.5°	32.9	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	0°
2.5°	1910.7	1908.9	1910.7	1901.6	1901.6	1899.8	1897.9	1894.3	1894.3	1887.0	1892.5	2.5°
5°	1947.3	1943.6	1936.3	1925.3	1919.9	1912.6	1912.6	1905.2	1899.8	1892.5	1894.3	5°
7.5°	1989.3	1991.1	1978.3	1969.2	1965.5	1958.2	1960.0	1949.1	1950.9	1945.4	1941.8	7.5°
10°	2013.0	2013.0	2016.7	2014.9	2018.5	2018.5	2024.0	2016.7	2013.0	2007.5	2007.5	10°
12.5°	2051.4	2058.7	2073.3	2073.3	2084.3	2087.9	2089.7	2093.4	2086.1	2082.4	2069.7	12.5°
15°	2146.4	2164.6	2177.4	2195.7	2217.6	2224.9	2224.9	2217.6	2214.0	2208.5	2184.7	15°
17.5°	2303.5	2343.7	2354.6	2383.8	2387.5	2396.6	2422.2	2407.6	2398.5	2360.1	2352.8	17.5°
20°	2464.2	2515.4	2566.5	2603.0	2621.3	2657.8	2663.3	2656.0	2619.5	2583.0	2566.5	20°
22.5°	2657.8	2734.6	2793.0	2849.7	2877.1	2895.3	2935.5	2926.4	2897.1	2842.3	2820.4	22.5°
25°	2931.9	3026.8	3089.0	3158.4	3194.9	3213.2	3253.4	3253.4	3222.3	3205.9	3204.0	25°
27.5°	3277.1	3394.0	3496.3	3520.1	3615.0	3637.0	3675.3	3675.3	3646.1	3626.0	3722.8	27.5°
30°	3660.7	3783.1	3960.3	4079.0	4194.1	4307.4	4305.5	4312.8	4347.5	4365.8	4407.8	30°
32.5°	4044.3	4195.9	4384.1	4641.6	4888.3	5098.3	5370.5	5544.0	5491.1	5343.1	5284.6	32.5°
35°	4510.1	4678.2	4906.5	5165.9	5617.1	5889.3	6020.8	6114.0	6124.9	6145.0	6187.0	35°
37.5°	5028.9	5310.2	5575.1	5869.2	6119.4	6450.1	6755.1	6999.9	7056.5	7171.6	7105.9	37.5°
40°	5684.7	5998.9	6276.5	6656.5	6992.6	7390.8	7827.4	8163.5	8298.7	8254.9	7926.1	40°
42.5°	6371.5	6760.6	7085.8	7533.3	7969.9	8496.0	8947.2	9416.6	9500.7	9162.7	8671.3	42.5°
45°	7003.6	7485.8	7889.5	8355.3	8888.7	9518.9	10121.7	10604.0	10587.6	10008.5	9350.9	45°
47.5°	7571.7	8163.5	8656.7	9263.2	9836.8	10587.6	11279.9	11636.1	11426.0	10741.0	9935.4	47.5°
50°	8041.1	8779.1	9387.4	10001.2	10730.0	11634.3	12301.0	12501.9	12096.4	11351.1	10503.5	50°
52.5°	8419.3	9345.4	10028.6	10735.5	11656.2	12607.9	13181.5	13106.6	12582.3	11816.9	10973.0	52.5°
55°	8738.9	9778.3	10593.0	11427.8	12569.5	13446.3	13828.1	13627.2	12894.7	12118.3	11294.5	55°
57.5°	9069.6	10198.5	11111.8	12080.0	13351.4	14104.0	14315.9	13903.0	13042.6	12233.4	11433.3	57.5°
60°	9400.2	10549.2	11570.3	12649.9	13943.2	14641.0	14582.6	13965.1	12998.8	12149.4	11340.2	60°
62.5°	9623.1	10757.4	11837.0	13000.6	14387.1	14915.0	14557.0	13744.1	12744.9	11818.8	11062.5	62.5°
63°	9628.5	10764.7	11853.5	13024.4	14436.4	14924.1	14507.7	13665.5	12664.5	11751.2	10980.3	63°
65°	9513.5	10627.7	11707.3	12916.6	14394.4	14714.1	14082.0	13201.6	12206.0	11283.5	10552.8	65°
67.5°	8925.3	10061.5	11015.0	12154.9	13641.8	13733.1	12942.2	12231.6	11336.5	10381.1	9617.6	67.5°
70°	7739.7	8684.1	9619.4	10571.1	11818.8	11802.3	11058.8	10697.2	9913.5	8824.8	8212.8	70°
72.5°	6156.0	7003.6	7661.2	8298.7	9120.7	8954.5	8475.9	8576.4	8068.5	7255.7	6892.1	72.5°
75°	4570.4	5502.0	5823.5	6082.9	6430.0	6431.8	6563.3	6848.3	6841.0	6389.8	5931.3	75°
77.5°	2997.6	4016.9	4124.7	4332.9	4749.4	5315.7	5900.2	6528.6	6685.7	6329.5	5651.8	77.5°
80°	1671.4	2730.9	2606.7	2785.7	3235.1	4004.1	4866.3	5560.5	5969.7	5770.5	5052.7	80°
82.5°	854.9	1574.6	1505.2	1753.6	2117.1	2785.7	3355.6	3889.0	4371.3	4343.9	4071.7	82.5°
85°	443.9	862.2	980.9	1110.6	1293.3	1532.6	1748.2	1903.4	2104.4	2458.7	2579.3	85°
87.5°	0.0	0.0	0.0	0.0	0.0	1.8	0.0	131.5	95.0	261.2	372.6	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°



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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1916.2	1916.2	1916.2	1916.2	1916.2	1916.2	1916.2
1894.3	1896.1	1892.5	1892.5	1894.3	1894.3	1890.6
1890.6	1890.6	1887.0	1883.3	1879.7	1879.7	1876.0
1932.6	1932.6	1919.9	1914.4	1905.2	1897.9	1894.3
1994.8	1983.8	1969.2	1958.2	1943.6	1927.2	1918.0
2056.9	2040.4	2022.2	2005.7	1987.5	1969.2	1960.0
2159.2	2137.2	2113.5	2093.4	2067.8	2040.4	2029.5
2316.3	2281.5	2250.5	2221.3	2175.6	2155.5	2133.6
2524.5	2473.4	2433.2	2383.8	2327.2	2308.9	2281.5
2776.6	2732.7	2652.4	2615.8	2559.2	2531.8	2537.3
3160.2	3103.6	3010.4	2975.7	2970.2	2909.9	2880.7
3660.7	3664.4	3578.5	3485.3	3434.2	3339.2	3218.6
4373.1	4323.8	4223.3	4128.3	4007.8	3828.8	3627.8
5235.3	5125.7	4959.5	4782.3	4568.6	4292.7	4011.4
6077.4	5885.6	5620.8	5324.8	5016.1	4672.7	4274.5
6817.2	6519.5	6123.1	5783.3	5346.8	4917.5	4431.6
7493.1	7124.1	6612.7	6172.4	5657.3	5105.6	4530.2
8147.1	7679.4	7052.9	6457.4	5874.7	5231.7	4577.7
8770.0	8167.2	7423.7	6715.0	6033.6	5313.9	4585.0
9248.6	8591.0	7756.2	6901.3	6143.2	5376.0	4585.0
9692.5	8949.0	8010.1	7047.4	6245.5	5418.0	4588.7
10037.7	9201.1	8174.5	7151.5	6325.9	5449.0	4605.1
10288.0	9365.5	8284.1	7215.5	6384.3	5492.9	4641.6
10463.3	9473.3	8344.4	7272.1	6455.6	5569.6	4743.9
10547.4	9672.4	8444.8	7385.4	6577.9	5732.2	4948.5
10483.4	9981.1	8731.6	7577.2	6747.8	5986.1	5275.5
10456.0	10037.7	8810.2	7619.2	6786.2	6040.9	5388.8
10242.3	10094.3	9133.5	7831.1	6968.9	6283.9	5704.8
9579.2	9871.5	9405.7	8189.1	7361.6	6873.9	6294.8
8720.7	9540.9	9356.4	8234.8	7611.9	7358.0	6667.5
7692.2	8541.7	8369.9	7626.5	7336.0	7363.4	6570.6
6053.7	6691.2	6577.9	6316.7	6375.2	6576.1	5628.1
4849.9	4764.0	4502.8	4521.1	4859.0	5094.7	4051.6
3962.1	3207.7	2867.9	2877.1	3467.1	3711.9	2581.1
3770.3	3034.1	2471.5	2159.2	2522.7	2429.5	1348.1
2685.2	2690.7	2232.2	1813.9	1757.3	1494.2	840.3
635.7	509.6	363.5	270.4	285.0	188.2	95.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)