

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: P159120

Luminaire Tested: **VST-E06-LED-E-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P159120
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33715)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: VST-E06-LED-E-U-SLR
Description: VENTUS LED SITE/ROADWAY LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (126) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16123.7 lumens
Efficiency: N/A
Efficacy: 107.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G4

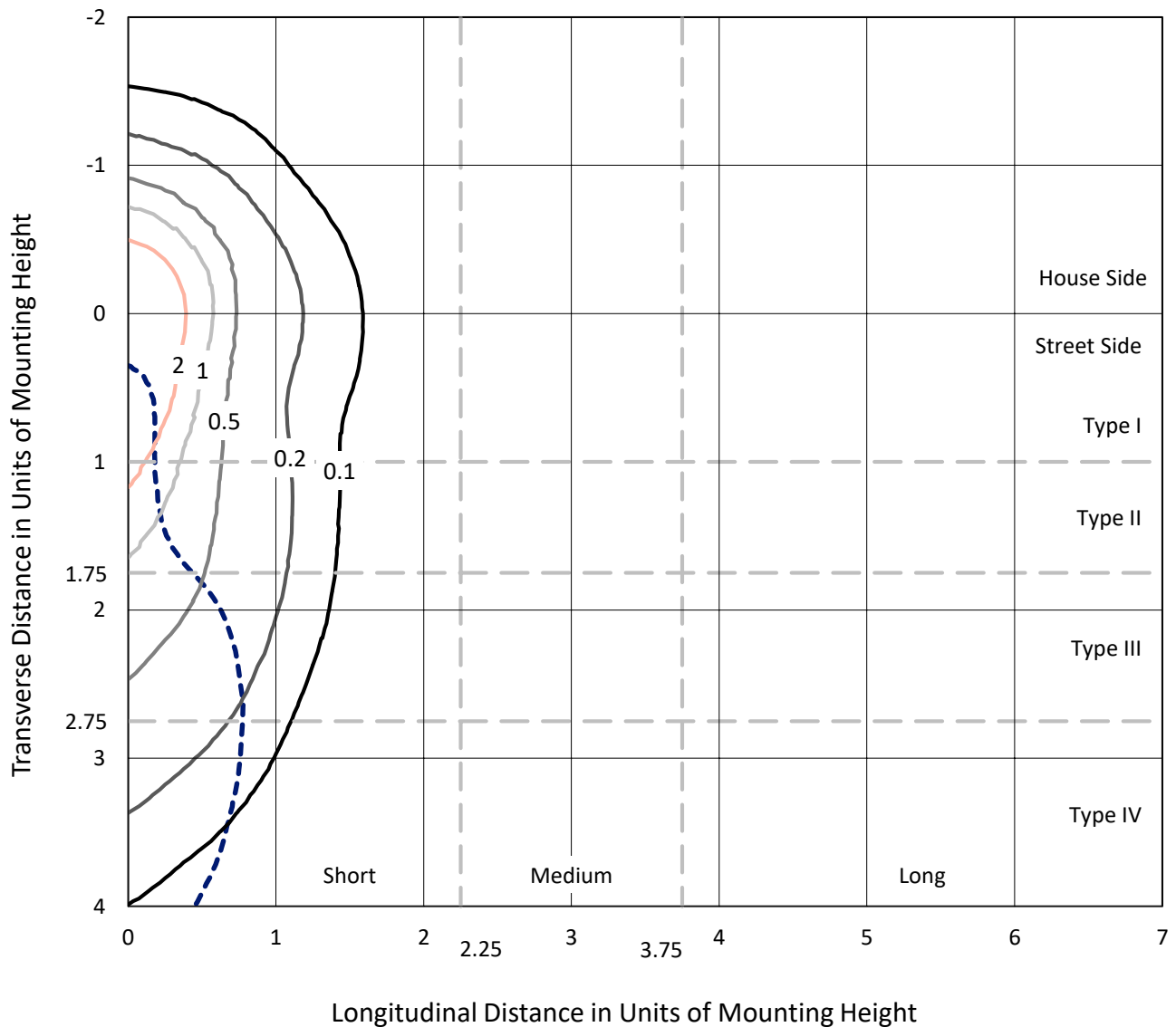
Input Watts (W): 150.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

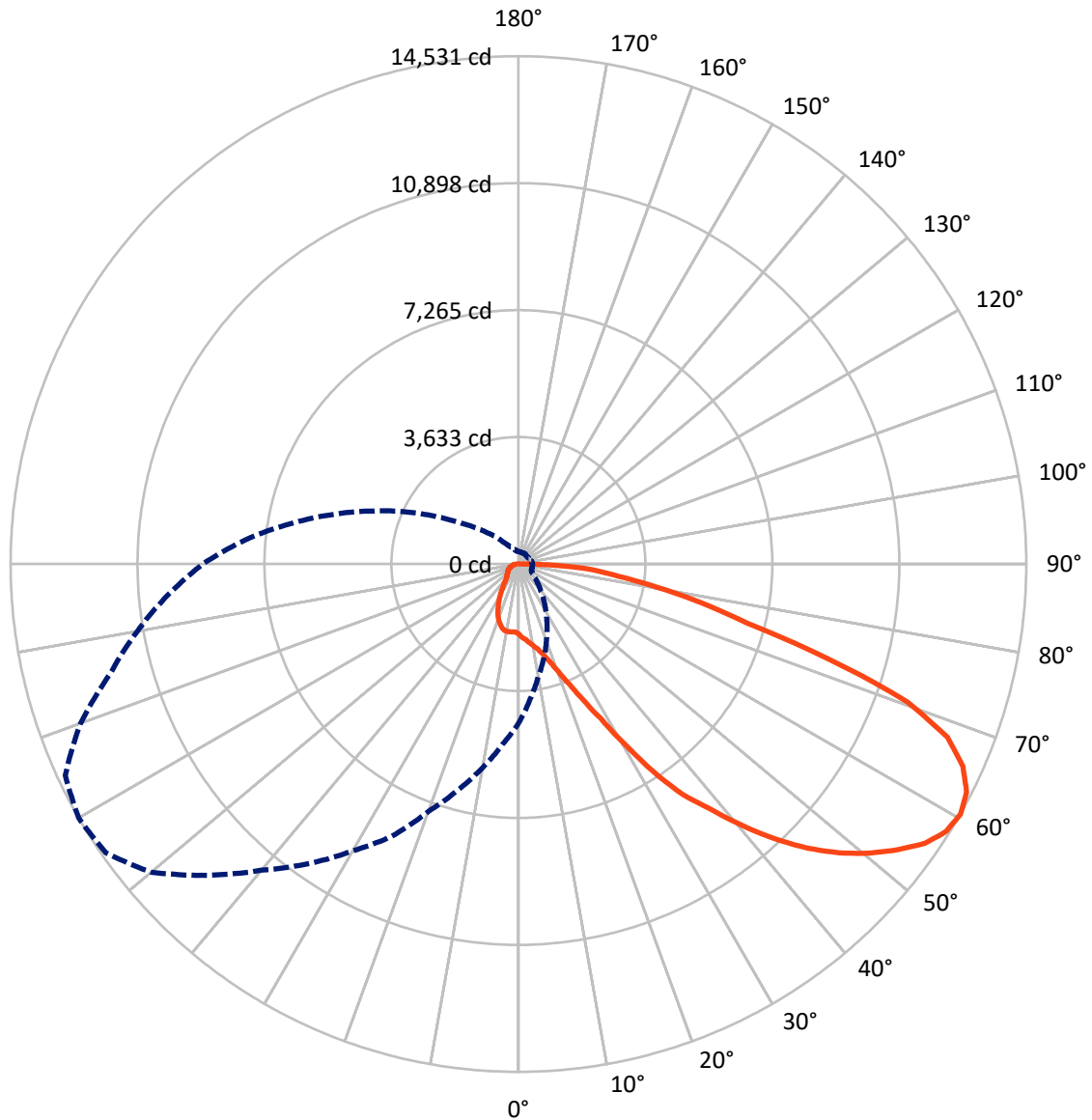


Based on 25 foot mounting height. Maximum calculated value = 4.8 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3630.6	0.0	3630.6
	% Fixture	22.5	0.0	22.5
Street Side	Lumens	12493.1	0.0	12493.1
	% Fixture	77.5	0.0	77.5
Total	Lumens	16123.7	0.0	16123.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.8	1.2
10°-20°	638.7	4.0
20°-30°	1212.1	7.5
30°-40°	1908.8	11.8
40°-50°	2664.2	16.5
50°-60°	3295.0	20.4
60°-70°	3415.5	21.2
70°-80°	2149.1	13.3
80°-90°	642.4	4.0
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°	16123.7	100.0
0°-180°	16123.7	100.0



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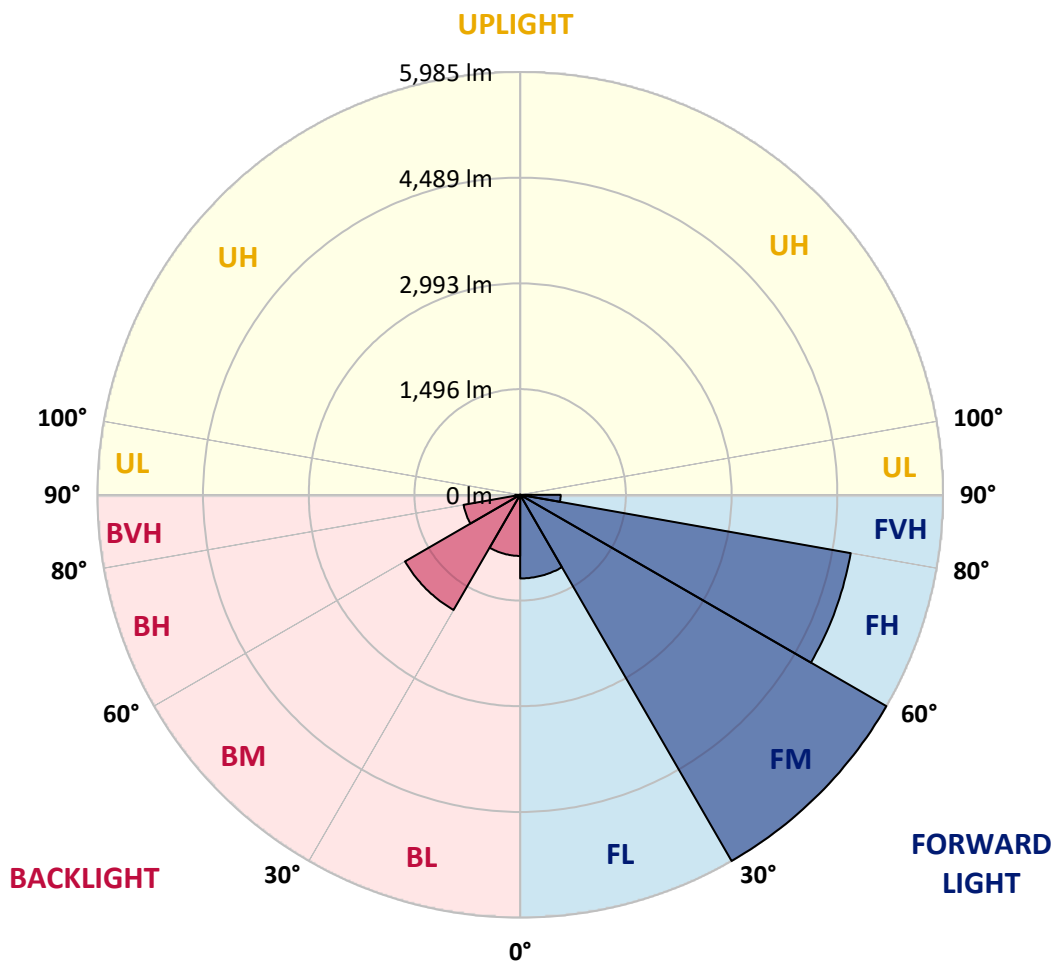
CATALOG NUMBER: VST-E06-LED-E-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1183.7	7.3			
FM (30°-60°)	5985.4	37.1			
FH (60°-80°)	4751.5	29.5			G2/5000
FVH (80°-90°)	572.5	3.6			G4/750
BL (0°-30°)	864.9	5.4	B2/1000		
BM (30°-60°)	1882.7	11.7	B2/2500		
BH (60°-80°)	813.1	5.0	B2/1000		G2/1000
BVH (80°-90°)	69.9	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-G4

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2
2.5°	2124.0	1996.8	1999.2	1995.6	1995.6	1993.2	1995.6	1993.2	1990.8	1990.8	1992.0
5°	2151.6	2011.2	2011.2	2007.6	2005.2	2002.8	2005.2	2002.8	2001.6	1999.2	2000.4
7.5°	2178.0	2019.6	2014.8	2010.0	2004.0	2006.4	2006.4	2005.2	2006.4	2005.2	2007.6
10°	2221.2	2047.2	2035.2	2024.4	2023.2	2020.8	2020.8	2017.2	2017.2	2014.8	2016.0
12.5°	2331.6	2132.4	2119.2	2100.0	2096.4	2085.6	2079.6	2072.4	2060.4	2049.6	2041.2
15°	2517.6	2274.0	2248.8	2232.0	2224.8	2203.2	2169.6	2143.2	2108.4	2078.4	2047.2
17.5°	2745.6	2463.6	2433.6	2412.0	2376.0	2317.2	2260.8	2196.0	2128.8	2067.6	2011.2
20°	3064.8	2736.0	2677.2	2625.6	2535.6	2434.8	2329.2	2216.4	2113.2	2017.2	1934.4
22.5°	3496.8	3087.6	2978.4	2840.4	2673.6	2503.2	2335.2	2179.2	2041.2	1916.4	1806.0
25°	3993.6	3423.6	3226.8	2989.2	2733.6	2498.4	2277.6	2077.2	1916.4	1755.6	1635.6
27.5°	4359.6	3704.4	3414.0	3102.0	2775.6	2475.6	2204.4	1962.0	1767.6	1603.2	1458.0
30°	4568.4	3865.2	3516.0	3150.0	2782.8	2437.2	2112.0	1831.2	1606.8	1411.2	1272.0
32.5°	4702.8	3951.6	3526.8	3102.0	2696.4	2323.2	1971.6	1680.0	1436.4	1227.6	1080.0
35°	4815.6	3986.4	3476.4	2995.2	2533.2	2150.4	1791.6	1500.0	1242.0	1050.0	898.8
37.5°	4861.2	3980.4	3396.0	2852.4	2373.6	1962.0	1608.0	1309.2	1078.8	909.6	780.0
40°	4852.8	3925.2	3286.8	2700.0	2186.4	1765.2	1413.6	1150.8	963.6	820.8	726.0
42.5°	4796.4	3852.0	3165.6	2545.2	2014.8	1602.0	1281.6	1048.8	897.6	789.6	706.8
45°	4725.6	3764.4	3055.2	2403.6	1879.2	1485.6	1204.8	1020.0	889.2	786.0	697.2
47.5°	4629.6	3667.2	2943.6	2302.8	1807.2	1450.8	1203.6	1036.8	896.4	777.6	680.4
50°	4525.2	3596.4	2882.4	2259.6	1798.8	1472.4	1245.6	1063.2	901.2	769.2	657.6
52.5°	4452.0	3565.2	2881.2	2275.2	1843.2	1532.4	1294.8	1096.8	919.2	774.0	652.8
55°	4362.0	3560.4	2912.4	2342.4	1940.4	1634.4	1372.8	1154.4	956.4	792.0	656.4
57.5°	4368.0	3655.2	3033.6	2508.0	2115.6	1772.4	1472.4	1225.2	992.4	802.8	650.4
60°	4557.6	3876.0	3272.4	2791.2	2344.8	1934.4	1574.4	1263.6	990.0	778.8	621.6
62.5°	4948.8	4207.2	3630.0	3123.6	2577.6	2059.2	1611.6	1252.8	954.0	727.2	574.8
65°	5415.6	4594.8	3978.0	3381.6	2719.2	2088.0	1579.2	1192.8	882.0	660.0	518.4
67.5°	5882.4	4869.6	4178.4	3454.8	2661.6	1971.6	1459.2	1058.4	759.6	568.8	454.8
70°	6050.4	4926.0	4162.8	3290.4	2400.0	1682.4	1201.2	852.0	609.6	465.6	382.8
72.5°	5798.4	4573.2	3700.8	2796.0	1951.2	1304.4	880.8	628.8	465.6	364.8	312.0
75°	4863.6	3682.8	2925.6	2106.0	1408.8	922.8	636.0	458.4	350.4	289.2	249.6
77.5°	3466.8	2564.4	1993.2	1383.6	914.4	639.6	456.0	344.4	278.4	231.6	202.8
80°	2178.0	1574.4	1214.4	830.4	570.0	434.4	327.6	272.4	224.4	188.4	169.2
82.5°	1311.6	916.8	715.2	516.0	374.4	297.6	241.2	213.6	178.8	156.0	145.2
85°	890.4	674.4	469.2	304.8	225.6	175.2	164.4	147.6	133.2	111.6	108.0
87.5°	170.4	241.2	210.0	124.8	82.8	70.8	62.4	60.0	54.0	43.2	49.2
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°	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2
2.5°	1984.8	1982.4	1977.6	1977.6	1974.0	1966.8	1965.6	1960.8	1954.8	1956.0	1954.8
5°	1992.0	1987.2	1981.2	1978.8	1974.0	1966.8	1963.2	1957.2	1951.2	1951.2	1951.2
7.5°	2000.4	1994.4	1989.6	1981.2	1971.6	1964.4	1954.8	1947.6	1944.0	1942.8	1944.0
10°	2007.6	2004.0	1996.8	1984.8	1971.6	1957.2	1947.6	1938.0	1928.4	1929.6	1930.8
12.5°	2023.2	2011.2	1992.0	1974.0	1953.6	1935.6	1918.8	1906.8	1894.8	1894.8	1896.0
15°	2012.4	1977.6	1951.2	1916.4	1893.6	1864.8	1845.6	1834.8	1827.6	1825.2	1826.4
17.5°	1948.8	1906.8	1867.2	1836.0	1804.8	1782.0	1773.6	1766.4	1756.8	1761.6	1756.8
20°	1852.8	1801.2	1744.8	1707.6	1670.4	1654.8	1640.4	1633.2	1627.2	1648.8	1648.8
22.5°	1714.8	1652.4	1594.8	1549.2	1507.2	1490.4	1476.0	1467.6	1471.2	1497.6	1500.0
25°	1540.8	1465.2	1389.6	1362.0	1320.0	1306.8	1298.4	1297.2	1300.8	1327.2	1333.2
27.5°	1356.0	1276.8	1212.0	1148.4	1129.2	1118.4	1102.8	1120.8	1124.4	1153.2	1165.2
30°	1159.2	1074.0	1005.6	963.6	922.8	928.8	915.6	937.2	946.8	976.8	986.4
32.5°	957.6	877.2	808.8	766.8	738.0	741.6	732.0	751.2	760.8	796.8	814.8
35°	792.0	723.6	668.4	632.4	619.2	606.0	603.6	606.0	615.6	643.2	675.6
37.5°	697.2	640.8	601.2	574.8	556.8	548.4	543.6	543.6	543.6	549.6	565.2
40°	656.4	606.0	571.2	546.0	534.0	529.2	525.6	522.0	516.0	513.6	514.8
42.5°	638.4	580.8	543.6	524.4	517.2	517.2	517.2	514.8	508.8	502.8	496.8
45°	620.4	558.0	520.8	507.6	504.0	505.2	505.2	505.2	500.4	493.2	482.4
47.5°	597.6	532.8	495.6	487.2	487.2	490.8	492.0	492.0	487.2	480.0	471.6
50°	570.0	500.4	466.8	459.6	456.0	456.0	456.0	456.0	452.4	447.6	441.6
52.5°	555.6	482.4	447.6	440.4	440.4	436.8	435.6	432.0	428.4	424.8	416.4
55°	550.8	475.2	439.2	433.2	433.2	429.6	426.0	422.4	416.4	410.4	402.0
57.5°	537.6	459.6	428.4	423.6	423.6	421.2	417.6	414.0	408.0	399.6	388.8
60°	507.6	433.2	406.8	405.6	405.6	404.4	402.0	402.0	396.0	387.6	374.4
62.5°	469.2	405.6	380.4	380.4	379.2	378.0	373.2	372.0	364.8	354.0	342.0
65°	432.0	381.6	364.8	360.0	357.6	354.0	351.6	345.6	339.6	330.0	318.0
67.5°	385.2	345.6	334.8	330.0	325.2	321.6	318.0	314.4	307.2	300.0	290.4
70°	334.8	306.0	300.0	298.8	292.8	289.2	288.0	284.4	277.2	270.0	258.0
72.5°	286.8	270.0	265.2	265.2	258.0	253.2	250.8	249.6	244.8	238.8	228.0
75°	231.6	219.6	218.4	224.4	224.4	220.8	218.4	220.8	213.6	210.0	199.2
77.5°	189.6	183.6	180.0	182.4	189.6	186.0	181.2	181.2	181.2	175.2	171.6
80°	160.8	156.0	152.4	154.8	153.6	152.4	150.0	145.2	145.2	145.2	144.0
82.5°	145.2	144.0	130.8	130.8	126.0	122.4	120.0	117.6	115.2	115.2	121.2
85°	109.2	112.8	105.6	104.4	98.4	93.6	88.8	86.4	84.0	87.6	99.6
87.5°	52.8	52.8	50.4	56.4	51.6	49.2	45.6	43.2	45.6	56.4	67.2
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°	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2
2.5°	1952.4	1951.2	1950.0	1947.6	1942.8	1941.6	1939.2	1939.2	1938.0	1935.6	1938.0
5°	1948.8	1951.2	1951.2	1950.0	1946.4	1948.8	1948.8	1952.4	1952.4	1954.8	1960.8
7.5°	1944.0	1950.0	1954.8	1958.4	1963.2	1966.8	1974.0	1984.8	1989.6	1998.0	2001.6
10°	1934.4	1945.2	1953.6	1964.4	1976.4	1989.6	2000.4	2017.2	2023.2	2035.2	2041.2
12.5°	1906.8	1924.8	1939.2	1960.8	1981.2	2001.6	2020.8	2042.4	2053.2	2066.4	2074.8
15°	1839.6	1860.0	1880.4	1899.6	1935.6	1975.2	2006.4	2035.2	2050.8	2067.6	2076.0
17.5°	1759.2	1772.4	1789.2	1814.4	1849.2	1884.0	1934.4	1975.2	1999.2	2018.4	2020.8
20°	1665.6	1684.8	1696.8	1706.4	1734.0	1758.0	1812.0	1858.8	1890.0	1912.8	1918.8
22.5°	1522.8	1543.2	1563.6	1570.8	1592.4	1623.6	1653.6	1704.0	1748.4	1782.0	1802.4
25°	1359.6	1378.8	1406.4	1428.0	1432.8	1458.0	1488.0	1545.6	1591.2	1645.2	1669.2
27.5°	1196.4	1213.2	1243.2	1255.2	1269.6	1294.8	1318.8	1366.8	1414.8	1477.2	1503.6
30°	1005.6	1041.6	1076.4	1099.2	1111.2	1141.2	1158.0	1204.8	1249.2	1294.8	1333.2
32.5°	842.4	874.8	914.4	943.2	957.6	980.4	1006.8	1046.4	1081.2	1125.6	1170.0
35°	692.4	736.8	763.2	788.4	825.6	836.4	862.8	898.8	919.2	967.2	1017.6
37.5°	586.8	613.2	639.6	664.8	696.0	710.4	735.6	765.6	789.6	818.4	864.0
40°	522.0	536.4	555.6	572.4	595.2	613.2	626.4	651.6	669.6	698.4	730.8
42.5°	492.0	495.6	498.0	510.0	522.0	534.0	548.4	559.2	580.8	602.4	622.8
45°	475.2	468.0	464.4	465.6	470.4	477.6	489.6	501.6	516.0	529.2	541.2
47.5°	460.8	451.2	440.4	434.4	435.6	438.0	447.6	457.2	464.4	475.2	480.0
50°	427.2	418.8	409.2	400.8	402.0	403.2	411.6	418.8	423.6	427.2	433.2
52.5°	405.6	393.6	385.2	376.8	375.6	379.2	386.4	393.6	396.0	398.4	399.6
55°	390.0	378.0	367.2	358.8	355.2	363.6	366.0	375.6	379.2	379.2	380.4
57.5°	378.0	363.6	352.8	344.4	338.4	344.4	350.4	361.2	362.4	360.0	360.0
60°	360.0	349.2	338.4	330.0	324.0	328.8	333.6	345.6	345.6	339.6	338.4
62.5°	328.8	322.8	315.6	312.0	310.8	315.6	319.2	328.8	325.2	318.0	315.6
65°	306.0	301.2	294.0	291.6	290.4	297.6	298.8	304.8	300.0	296.4	295.2
67.5°	278.4	274.8	271.2	270.0	266.4	266.4	268.8	272.4	270.0	270.0	271.2
70°	247.2	242.4	238.8	240.0	237.6	237.6	238.8	241.2	240.0	242.4	244.8
72.5°	218.4	212.4	211.2	211.2	208.8	210.0	210.0	211.2	213.6	214.8	220.8
75°	190.8	184.8	184.8	183.6	183.6	183.6	184.8	187.2	189.6	190.8	193.2
77.5°	165.6	162.0	163.2	162.0	162.0	162.0	162.0	165.6	166.8	168.0	171.6
80°	142.8	142.8	144.0	144.0	142.8	141.6	142.8	145.2	146.4	147.6	148.8
82.5°	129.6	130.8	130.8	130.8	124.8	122.4	126.0	128.4	130.8	132.0	134.4
85°	111.6	106.8	111.6	110.4	102.0	100.8	100.8	102.0	104.4	102.0	102.0
87.5°	72.0	64.8	68.4	68.4	60.0	49.2	62.4	67.2	60.0	63.6	63.6
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°	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2
2.5°	1941.6	1939.2	1940.4	1940.4	1942.8	1939.2	1944.0	1948.8	1950.0	1950.0	1951.2
5°	1966.8	1964.4	1972.8	1969.2	1977.6	1976.4	1982.4	1987.2	1989.6	1989.6	1989.6
7.5°	2006.4	2014.8	2019.6	2032.8	2034.0	2041.2	2047.2	2053.2	2050.8	2052.0	2050.8
10°	2050.8	2061.6	2073.6	2086.8	2088.0	2096.4	2106.0	2112.0	2109.6	2108.4	2104.8
12.5°	2089.2	2096.4	2110.8	2124.0	2131.2	2144.4	2154.0	2158.8	2158.8	2155.2	2151.6
15°	2086.8	2097.6	2113.2	2132.4	2145.6	2164.8	2181.6	2192.4	2193.6	2190.0	2188.8
17.5°	2034.0	2049.6	2064.0	2090.4	2114.4	2140.8	2168.4	2184.0	2198.4	2206.8	2211.6
20°	1939.2	1958.4	1978.8	2013.6	2046.0	2080.8	2113.2	2136.0	2157.6	2182.8	2212.8
22.5°	1827.6	1856.4	1885.2	1929.6	1969.2	2008.8	2046.0	2073.6	2107.2	2150.4	2206.8
25°	1696.8	1726.8	1762.8	1814.4	1864.8	1922.4	1977.6	2032.8	2097.6	2172.0	2259.6
27.5°	1542.0	1575.6	1622.4	1684.8	1742.4	1801.2	1887.6	1975.2	2080.8	2176.8	2276.4
30°	1388.4	1431.6	1482.0	1544.4	1602.0	1686.0	1772.4	1880.4	1992.0	2100.0	2218.8
32.5°	1222.8	1276.8	1339.2	1390.8	1455.6	1540.8	1627.2	1742.4	1861.2	1988.4	2119.2
35°	1063.2	1114.8	1164.0	1221.6	1286.4	1366.8	1450.8	1561.2	1711.2	1846.8	2002.8
37.5°	901.2	949.2	984.0	1029.6	1086.0	1174.8	1264.8	1392.0	1533.6	1700.4	1856.4
40°	759.6	799.2	838.8	874.8	922.8	1006.8	1102.8	1227.6	1366.8	1528.8	1702.8
42.5°	646.8	676.8	720.0	763.2	804.0	876.0	966.0	1088.4	1226.4	1392.0	1566.0
45°	552.0	572.4	607.2	643.2	693.6	753.6	840.0	964.8	1105.2	1272.0	1455.6
47.5°	483.6	493.2	517.2	554.4	601.2	660.0	734.4	847.2	984.0	1152.0	1345.2
50°	436.8	447.6	459.6	490.8	532.8	592.8	654.0	752.4	877.2	1041.6	1233.6
52.5°	404.4	409.2	414.0	433.2	471.6	522.0	586.8	661.2	787.2	944.4	1117.2
55°	385.2	386.4	390.0	399.6	428.4	475.2	531.6	602.4	700.8	849.6	1026.0
57.5°	362.4	364.8	368.4	374.4	392.4	434.4	482.4	540.0	621.6	746.4	915.6
60°	340.8	346.8	352.8	356.4	366.0	391.2	432.0	477.6	543.6	637.2	771.6
62.5°	318.0	325.2	330.0	333.6	337.2	352.8	382.8	412.8	453.6	514.8	615.6
65°	297.6	302.4	306.0	308.4	310.8	315.6	328.8	340.8	352.8	390.0	463.2
67.5°	274.8	277.2	278.4	279.6	278.4	278.4	279.6	284.4	289.2	303.6	338.4
70°	248.4	252.0	252.0	253.2	253.2	249.6	249.6	249.6	249.6	253.2	272.4
72.5°	223.2	228.0	228.0	229.2	228.0	226.8	226.8	226.8	230.4	232.8	240.0
75°	199.2	204.0	202.8	204.0	205.2	205.2	207.6	208.8	212.4	213.6	218.4
77.5°	175.2	178.8	180.0	178.8	181.2	183.6	188.4	190.8	192.0	193.2	194.4
80°	152.4	154.8	153.6	150.0	156.0	159.6	166.8	175.2	172.8	174.0	176.4
82.5°	126.0	122.4	120.0	122.4	126.0	130.8	138.0	148.8	150.0	156.0	154.8
85°	97.2	86.4	85.2	91.2	90.0	96.0	108.0	116.4	123.6	129.6	123.6
87.5°	57.6	51.6	43.2	40.8	44.4	58.8	61.2	74.4	80.4	82.8	74.4
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2
2.5°	2060.4	2066.4	2066.4	2068.8	2072.4	2073.6	2078.4	2086.8	2088.0	2088.0	2091.6
5°	2098.8	2104.8	2104.8	2109.6	2110.8	2116.8	2122.8	2132.4	2137.2	2136.0	2151.6
7.5°	2161.2	2156.4	2152.8	2160.0	2163.6	2170.8	2182.8	2191.2	2199.6	2212.8	2234.4
10°	2214.0	2206.8	2203.2	2208.0	2210.4	2218.8	2226.0	2238.0	2258.4	2278.8	2305.2
12.5°	2257.2	2248.8	2239.2	2241.6	2245.2	2256.0	2268.0	2283.6	2313.6	2340.0	2379.6
15°	2293.2	2281.2	2271.6	2276.4	2284.8	2299.2	2319.6	2347.2	2396.4	2442.0	2494.8
17.5°	2328.0	2325.6	2322.0	2337.6	2343.6	2377.2	2407.2	2457.6	2524.8	2593.2	2668.8
20°	2361.6	2388.0	2401.2	2432.4	2451.6	2497.2	2542.8	2604.0	2689.2	2782.8	2886.0
22.5°	2408.4	2480.4	2524.8	2588.4	2620.8	2670.0	2737.2	2817.6	2912.4	3032.4	3164.4
25°	2520.0	2625.6	2714.4	2814.0	2895.6	2971.2	3051.6	3148.8	3285.6	3394.8	3567.6
27.5°	2569.2	2718.0	2851.2	2991.6	3114.0	3230.4	3357.6	3475.2	3637.2	3784.8	3993.6
30°	2522.4	2690.4	2863.2	3046.8	3225.6	3402.0	3586.8	3766.8	3954.0	4160.4	4382.4
32.5°	2436.0	2624.4	2818.8	3034.8	3256.8	3486.0	3726.0	3987.6	4251.6	4508.4	4735.2
35°	2348.4	2551.2	2767.2	3014.4	3276.0	3560.4	3858.0	4189.2	4538.4	4863.6	5160.0
37.5°	2221.2	2444.4	2691.6	2977.2	3288.0	3638.4	4021.2	4429.2	4870.8	5318.4	5707.2
40°	2067.6	2304.0	2574.0	2902.8	3276.0	3718.8	4216.8	4740.0	5307.6	5853.6	6331.2
42.5°	1927.2	2157.6	2445.6	2803.2	3244.8	3789.6	4402.8	5054.4	5726.4	6337.2	6961.2
45°	1803.6	2058.0	2347.2	2733.6	3229.2	3849.6	4540.8	5289.6	6058.8	6786.0	7522.8
47.5°	1690.8	1954.8	2278.8	2695.2	3222.0	3885.6	4636.8	5443.2	6295.2	7130.4	7986.0
50°	1574.4	1831.2	2178.0	2653.2	3204.0	3884.4	4687.2	5547.6	6460.8	7398.0	8305.2
52.5°	1449.6	1707.6	2055.6	2576.4	3165.6	3862.8	4700.4	5618.4	6591.6	7562.4	8576.4
55°	1335.6	1576.8	1924.8	2448.0	3085.2	3810.0	4670.4	5648.4	6684.0	7725.6	8767.2
57.5°	1204.8	1455.6	1786.8	2271.6	2934.0	3716.4	4585.2	5606.4	6710.4	7834.8	8918.4
60°	1024.8	1270.8	1611.6	2062.8	2697.6	3518.4	4426.8	5479.2	6626.4	7854.0	9026.4
62.5°	818.4	1030.8	1359.6	1774.8	2365.2	3207.6	4134.0	5193.6	6364.8	7674.0	8971.2
65°	608.4	750.0	1033.2	1398.0	1980.0	2739.6	3662.4	4714.8	5853.6	7173.6	8624.4
67.5°	423.6	525.6	699.6	970.8	1440.0	2115.6	2989.2	3967.2	5062.8	6247.2	7904.4
70°	320.4	367.2	462.0	613.2	932.4	1441.2	2173.2	3044.4	4060.8	5202.0	6763.2
72.5°	273.6	297.6	350.4	420.0	571.2	876.0	1364.4	2095.2	2996.4	3925.2	5188.8
75°	246.0	266.4	300.0	344.4	404.4	531.6	800.4	1326.0	1984.8	2629.2	3620.4
77.5°	223.2	241.2	271.2	294.0	326.4	382.8	510.0	793.2	1189.2	1624.8	2246.4
80°	199.2	210.0	237.6	260.4	285.6	318.0	366.0	498.0	682.8	962.4	1324.8
82.5°	170.4	178.8	199.2	230.4	249.6	262.8	277.2	330.0	409.2	522.0	735.6
85°	132.0	138.0	156.0	178.8	187.2	188.4	190.8	205.2	254.4	391.2	633.6
87.5°	67.2	74.4	93.6	100.8	85.2	92.4	93.6	99.6	132.0	214.8	218.4
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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REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	0°
2.5°	2091.6	2095.2	2103.6	2102.4	2108.4	2108.4	2108.4	2114.4	2110.8	2114.4	2120.4	2.5°
5°	2151.6	2157.6	2169.6	2169.6	2170.8	2167.2	2174.4	2179.2	2173.2	2170.8	2172.0	5°
7.5°	2239.2	2248.8	2258.4	2268.0	2275.2	2271.6	2272.8	2262.0	2259.6	2251.2	2240.4	7.5°
10°	2324.4	2350.8	2368.8	2385.6	2386.8	2383.2	2384.4	2366.4	2362.8	2346.0	2335.2	10°
12.5°	2412.0	2445.6	2474.4	2492.4	2503.2	2505.6	2506.8	2506.8	2490.0	2475.6	2450.4	12.5°
15°	2541.6	2600.4	2644.8	2664.0	2679.6	2694.0	2697.6	2702.4	2689.2	2670.0	2666.4	15°
17.5°	2746.8	2802.0	2860.8	2912.4	2947.2	2949.6	2979.6	2977.2	3004.8	2983.2	2977.2	17.5°
20°	2990.4	3110.4	3171.6	3240.0	3279.6	3298.8	3368.4	3346.8	3367.2	3402.0	3367.2	20°
22.5°	3295.2	3447.6	3536.4	3630.0	3694.8	3741.6	3792.0	3831.6	3886.8	3913.2	3889.2	22.5°
25°	3699.6	3873.6	3979.2	4108.8	4212.0	4296.0	4383.6	4489.2	4488.0	4551.6	4596.0	25°
27.5°	4164.0	4386.0	4539.6	4767.6	4856.4	4998.0	5148.0	5311.2	5340.0	5422.8	5464.8	27.5°
30°	4600.8	4875.6	5180.4	5451.6	5758.8	5968.8	6142.8	6258.0	6432.0	6388.8	6364.8	30°
32.5°	5004.0	5370.0	5804.4	6249.6	6736.8	7069.2	7376.4	7519.2	7627.2	7398.0	7094.4	32.5°
35°	5527.2	5965.2	6462.0	7011.6	7630.8	8102.4	8419.2	8463.6	8402.4	8108.4	7605.6	35°
37.5°	6175.2	6634.8	7200.0	7780.8	8438.4	8881.2	9242.4	9307.2	9145.2	8620.8	8092.8	37.5°
40°	6814.8	7353.6	7966.8	8654.4	9336.0	9823.2	10185.6	10204.8	9940.8	9327.6	8709.6	40°
42.5°	7514.4	8103.6	8786.4	9548.4	10252.8	10746.0	11007.6	11090.4	10717.2	9931.2	9338.4	42.5°
45°	8118.0	8822.4	9583.2	10393.2	11130.0	11598.0	11864.4	11838.0	11386.8	10610.4	9915.6	45°
47.5°	8706.0	9481.2	10282.8	11143.2	11875.2	12348.0	12621.6	12597.6	12025.2	11131.2	10366.8	47.5°
50°	9229.2	10070.4	10927.2	11846.4	12576.0	13009.2	13344.0	13238.4	12514.8	11550.0	10657.2	50°
52.5°	9592.8	10531.2	11426.4	12420.0	13171.2	13581.6	14007.6	13668.0	12804.0	11806.8	10813.2	52.5°
55°	9823.2	10848.0	11781.6	12880.8	13618.8	14109.6	14384.4	13902.0	12915.6	11877.6	10867.2	55°
57.5°	9979.2	11022.0	11990.4	13147.2	14022.0	14433.6	14500.8	13910.4	12843.6	11766.0	10813.2	57.5°
60°	10056.0	11073.6	12085.2	13334.4	14305.2	14530.8	14408.4	13716.0	12595.2	11438.4	10465.2	60°
62.5°	10047.6	11008.8	12036.0	13396.8	14361.6	14390.4	14112.0	13384.8	12138.0	10750.8	9886.8	62.5°
65°	9834.0	10772.4	11758.8	13165.2	14098.8	13975.2	13624.8	12763.2	11248.8	9853.2	9416.4	65°
67.5°	9218.4	10118.4	11034.0	12406.8	13358.4	13238.4	12708.0	11541.6	10215.6	9058.8	8823.6	67.5°
70°	8188.8	8952.0	9756.0	10962.0	11960.4	11798.4	10870.8	10161.6	9192.0	8140.8	8059.2	70°
72.5°	6846.0	7424.4	8007.6	8905.2	9592.8	9261.6	8678.4	8641.2	7857.6	7054.8	7071.6	72.5°
75°	5354.4	5788.8	6061.2	6589.2	7046.4	6750.0	6784.8	6991.2	6733.2	6100.8	5895.6	75°
77.5°	3879.6	4296.0	4382.4	4695.6	5017.2	5354.4	5800.8	6286.8	6368.4	6013.2	5269.2	77.5°
80°	2539.2	2997.6	2827.2	2938.8	3391.2	4006.8	4821.6	5622.0	5896.8	5577.6	4662.0	80°
82.5°	1497.6	2139.6	1868.4	2059.2	2346.0	2882.4	3445.2	4048.8	4508.4	4168.8	3894.0	82.5°
85°	1137.6	1687.2	1786.8	2018.4	2112.0	2134.8	2233.2	2430.0	2667.6	2756.4	2749.2	85°
87.5°	592.8	1311.6	1472.4	1362.0	1270.8	1101.6	859.2	925.2	846.0	1156.8	1095.6	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°
2005.2	2005.2	2005.2	2005.2	2005.2	2005.2	2005.2
2121.6	2118.0	2120.4	2121.6	2121.6	2121.6	2124.0
2170.8	2161.2	2157.6	2157.6	2156.4	2152.8	2151.6
2223.6	2206.8	2200.8	2193.6	2187.6	2184.0	2178.0
2318.4	2304.0	2274.0	2257.2	2241.6	2230.8	2221.2
2445.6	2425.2	2396.4	2374.8	2350.8	2343.6	2331.6
2642.4	2624.4	2599.2	2575.2	2560.8	2535.6	2517.6
2949.6	2913.6	2888.4	2857.2	2822.4	2770.8	2745.6
3354.0	3282.0	3231.6	3204.0	3134.4	3126.0	3064.8
3818.4	3796.8	3720.0	3686.4	3619.2	3592.8	3496.8
4513.2	4496.4	4339.2	4322.4	4219.2	4142.4	3993.6
5426.4	5288.4	5110.8	4987.2	4810.8	4612.8	4359.6
6224.4	5942.4	5671.2	5383.2	5139.6	4855.2	4568.4
6733.2	6355.2	6006.0	5710.8	5409.6	5071.2	4702.8
7179.6	6798.0	6417.6	6068.4	5703.6	5270.4	4815.6
7713.6	7334.4	6906.0	6415.2	5947.2	5416.8	4861.2
8260.8	7816.8	7281.6	6680.4	6092.4	5488.8	4852.8
8821.2	8253.6	7542.0	6856.8	6184.8	5499.6	4796.4
9276.0	8558.4	7735.2	6946.8	6204.0	5462.4	4725.6
9597.6	8754.0	7821.6	6978.0	6180.0	5403.6	4629.6
9781.2	8860.8	7843.2	6955.2	6130.8	5319.6	4525.2
9848.4	8893.2	7821.6	6908.4	6086.4	5229.6	4452.0
9841.2	8875.2	7742.4	6799.2	5967.6	5109.6	4362.0
9705.6	8708.4	7580.4	6668.4	5866.8	5054.4	4368.0
9475.2	8602.8	7532.4	6694.8	5919.6	5173.2	4557.6
9370.8	8814.0	7802.4	6958.8	6190.8	5512.8	4948.8
9312.0	9157.2	8188.8	7243.2	6512.4	5924.4	5415.6
9072.0	9255.6	8408.4	7405.2	6799.2	6337.2	5882.4
8684.4	9026.4	8241.6	7374.0	6957.6	6654.0	6050.4
7875.6	8236.8	7498.8	6914.4	6759.6	6658.8	5798.4
6380.4	6567.6	6147.6	6015.6	6073.2	6074.4	4863.6
4705.2	4592.4	4402.8	4412.4	4800.0	4740.0	3466.8
3841.2	3144.0	2875.2	2977.2	3456.0	3198.0	2178.0
3574.8	2804.4	2314.8	2338.8	2610.0	2060.4	1311.6
2890.8	2556.0	2049.6	1839.6	1785.6	1372.8	890.4
1209.6	1112.4	828.0	746.4	612.0	374.4	170.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)