

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: INVUE

Report Number: P181042

Luminaire Tested: **ICS-F03-LED-E1-SLL-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181042
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICS-F03-LED-E1-SLL-7030
Description: ICON SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (21) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5664.8 lumens
Efficiency: N/A
Efficacy: 72.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

Input Watts (W): 78.3
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: 25 FT



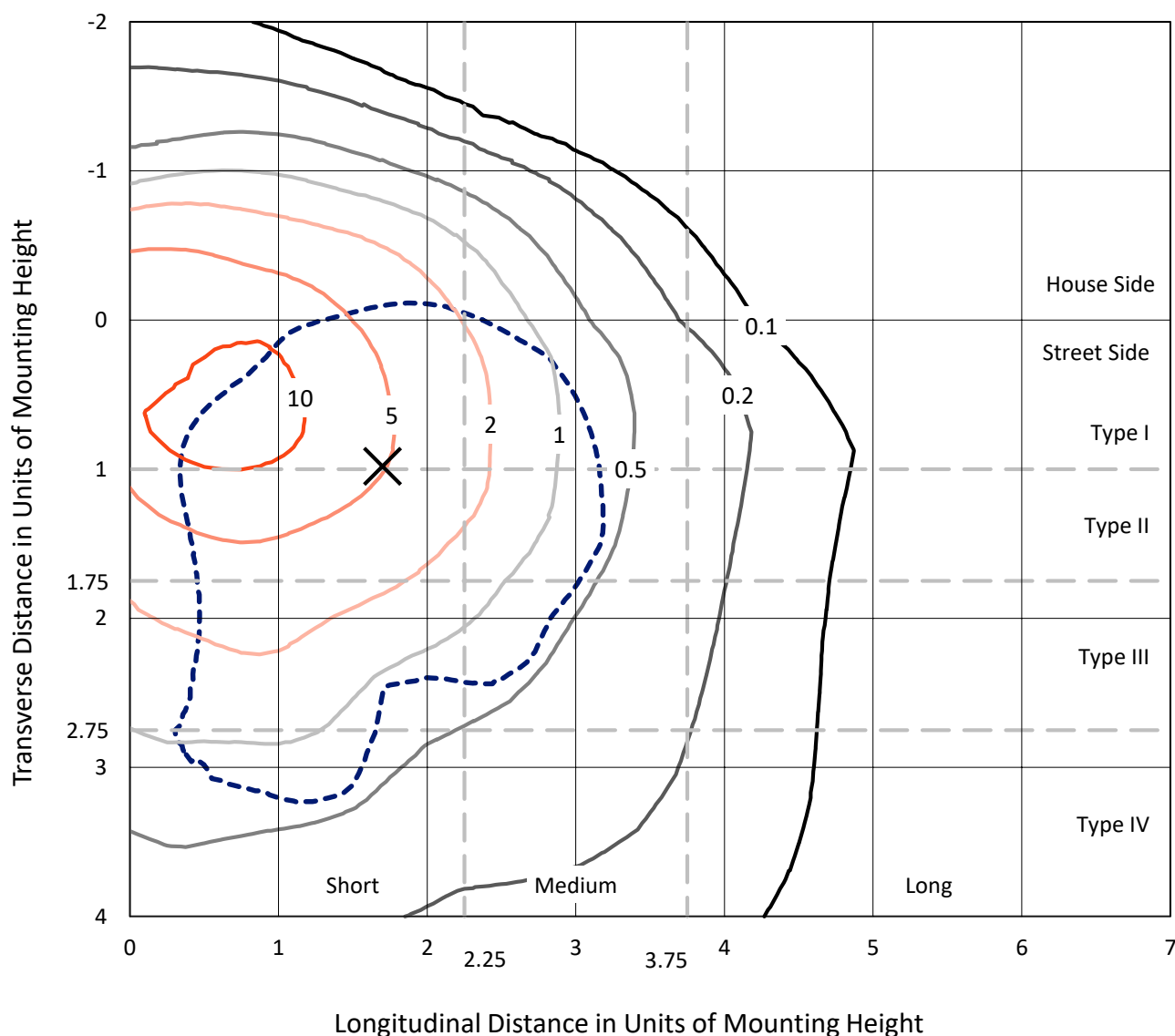
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CATALOG NUMBER: ICS-F03-LED-E1-SLL-7030

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

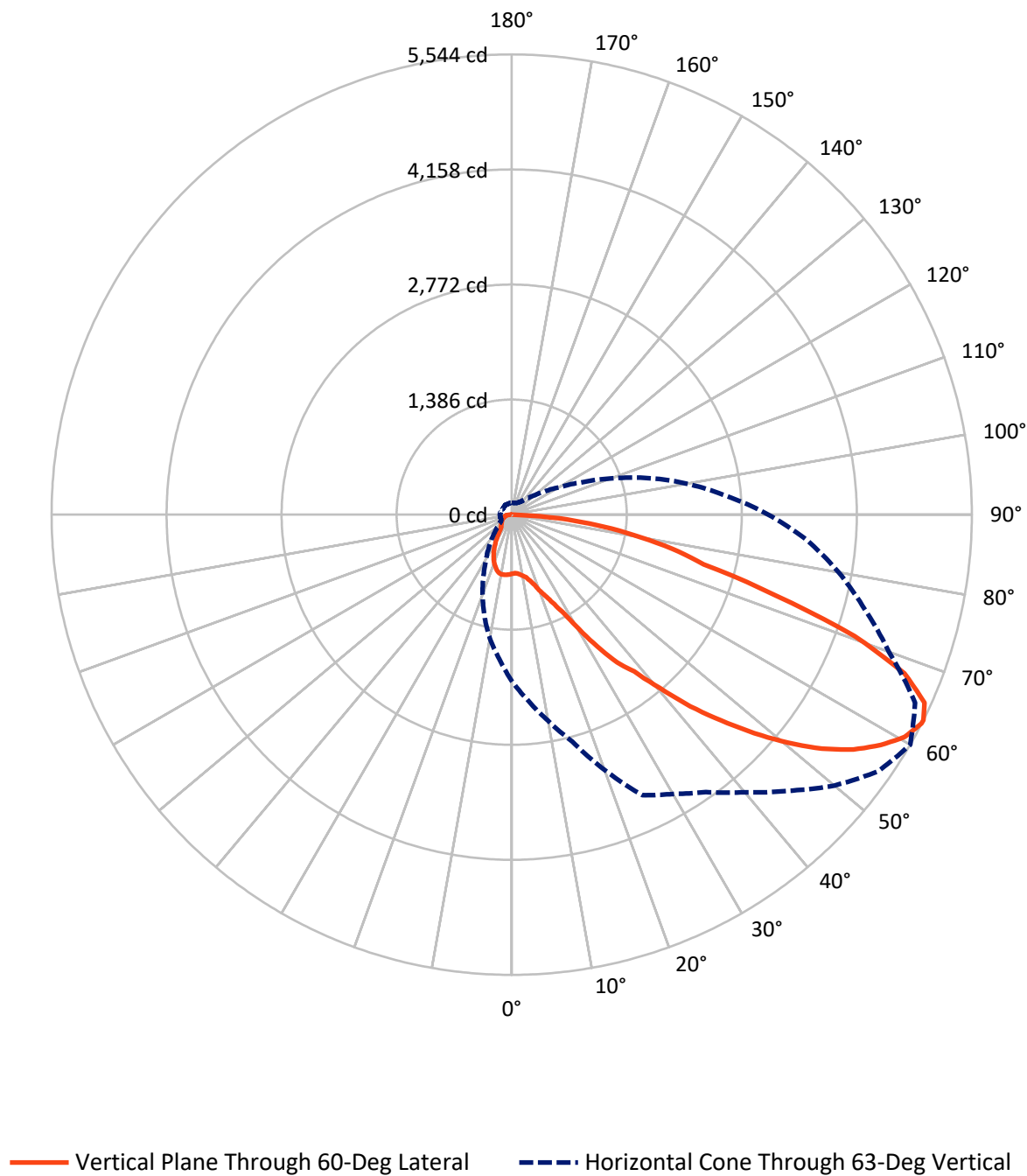


Based on 10 foot mounting height. Maximum calculated value = 14.1 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1228.4	0.0	1228.4
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	4436.4	0.0	4436.4
	% Fixture	78.3	0.0	78.3
Total	Lumens	5664.8	0.0	5664.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.3	1.2
10°-20°	215.8	3.8
20°-30°	383.4	6.8
30°-40°	603.8	10.7
40°-50°	888.6	15.7
50°-60°	1180.3	20.8
60°-70°	1300.1	23.0
70°-80°	815.7	14.4
80°-90°	207.7	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°	5664.8	100.0
0°-180°	5664.8	100.0

Coefficient of Utilization



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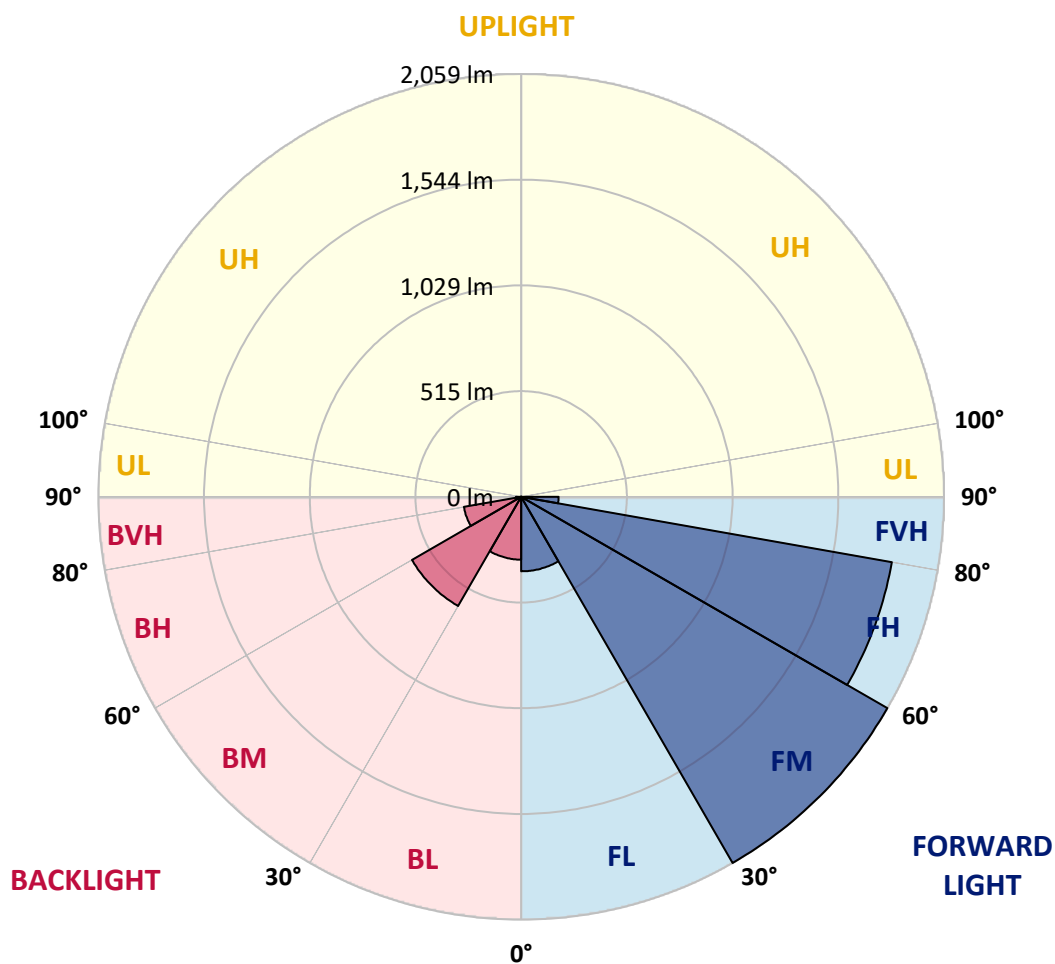
CATALOG NUMBER: ICS-F03-LED-E1-SLL-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	362.7	6.4			
FM	(30°-60°)	2058.7	36.3			
FH	(60°-80°)	1832.6	32.4			G2/5000
FVH	(80°-90°)	182.3	3.2			G2/225
BL	(0°-30°)	305.8	5.4	B1/500		
BM	(30°-60°)	614.0	10.8	B1/1000		
BH	(60°-80°)	283.2	5.0	B1/500		G1/500
BVH	(80°-90°)	25.4	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9
2.5°	702.4	703.7	703.7	703.1	703.1	704.4	703.7	703.1	701.0	703.7	703.7
5°	697.0	698.3	698.3	699.7	701.0	702.4	702.4	703.7	703.1	705.8	707.8
7.5°	703.7	705.1	707.8	711.2	713.2	718.0	718.0	721.4	722.7	724.8	724.1
10°	712.6	716.0	722.1	727.5	731.6	737.0	741.1	745.8	745.8	747.9	749.2
12.5°	728.2	731.6	738.4	745.1	751.2	758.0	764.1	768.9	773.6	775.0	777.7
15°	754.0	758.0	768.2	777.7	785.2	794.0	802.1	811.6	820.5	822.5	823.9
17.5°	792.6	800.8	808.2	825.2	836.1	847.6	860.5	874.1	876.8	891.0	894.4
20°	847.6	857.8	864.6	885.6	903.9	918.9	937.9	953.5	959.6	973.2	986.7
22.5°	942.6	940.6	950.8	971.8	985.4	1015.2	1031.5	1047.8	1055.9	1076.3	1087.2
25°	1070.2	1081.1	1103.5	1105.5	1118.4	1153.0	1174.0	1190.3	1191.0	1197.1	1208.6
27.5°	1195.7	1240.5	1275.8	1294.8	1329.4	1361.3	1360.0	1383.1	1347.1	1354.5	1365.4
30°	1347.8	1422.4	1488.9	1533.7	1569.0	1606.3	1624.6	1637.5	1621.9	1615.1	1602.2
32.5°	1490.3	1594.8	1697.3	1776.7	1842.5	1904.2	1945.0	1963.3	1985.0	2040.0	2059.6
35°	1588.0	1735.9	1863.5	1978.2	2088.1	2186.5	2257.8	2298.5	2282.9	2275.4	2271.4
37.5°	1646.4	1826.9	1986.4	2148.5	2274.8	2422.0	2532.7	2639.9	2664.3	2621.6	2600.5
40°	1683.0	1896.8	2101.7	2293.1	2456.6	2646.7	2783.7	2944.6	3066.7	3083.0	3032.8
42.5°	1700.6	1943.6	2182.5	2399.0	2620.2	2853.0	3026.7	3221.5	3404.0	3529.6	3498.3
45°	1703.4	1974.1	2241.5	2494.6	2758.0	3034.2	3258.1	3473.9	3718.2	3933.3	3939.5
47.5°	1703.4	1997.2	2282.2	2563.9	2881.5	3191.6	3435.9	3691.1	3990.4	4244.8	4322.9
50°	1704.7	2012.8	2320.2	2618.2	2975.8	3324.6	3600.8	3902.1	4217.0	4493.9	4644.6
52.5°	1710.8	2024.4	2350.1	2656.8	3036.9	3418.3	3729.1	4076.5	4390.1	4674.4	4869.2
55°	1724.4	2040.6	2371.8	2680.6	3077.6	3479.3	3822.0	4196.0	4502.0	4790.5	5062.6
57.5°	1762.4	2069.1	2398.3	2701.6	3100.0	3519.4	3887.2	4247.6	4544.8	4845.4	5165.1
60°	1838.4	2129.5	2443.8	2743.7	3137.3	3593.4	3918.4	4212.9	4513.6	4829.1	5188.1
62.5°	1959.9	2223.9	2506.9	2815.0	3243.9	3708.0	3894.7	4109.8	4390.7	4734.8	5106.0
63°	2002.0	2244.2	2521.1	2830.6	3273.0	3729.1	3884.5	4079.3	4365.6	4704.9	5076.8
65°	2119.4	2334.5	2589.0	2909.3	3393.2	3750.1	3805.1	3920.5	4191.9	4534.6	4904.5
67.5°	2338.6	2553.7	2734.9	3042.3	3494.3	3667.3	3558.7	3573.0	3856.7	4211.6	4544.1
70°	2477.0	2733.5	2827.9	3059.3	3475.9	3544.5	3239.8	3051.1	3278.5	3682.9	3974.1
72.5°	2441.0	2735.6	2725.4	2833.3	3109.5	3173.3	2857.7	2560.5	2695.5	2997.5	3186.2
75°	2090.9	2443.1	2368.4	2346.7	2443.8	2485.8	2249.0	2203.5	2373.9	2541.5	2544.2
77.5°	1505.2	1892.7	1805.2	1679.6	1672.8	1769.9	1801.8	2099.7	2351.5	2483.8	2425.4
80°	958.9	1379.0	1288.0	1068.8	1065.5	1191.7	1472.0	1877.1	2143.8	2217.8	2065.8
82.5°	500.8	902.6	937.2	802.1	918.2	1127.2	1400.7	1512.7	1613.8	1624.0	1444.8
85°	312.2	555.1	652.8	673.9	829.3	999.6	997.6	958.2	913.4	781.8	707.1
87.5°	35.3	69.9	105.9	100.4	135.0	189.3	236.2	138.4	97.0	35.3	48.9
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°	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9
2.5°	705.1	705.8	706.5	706.5	709.8	709.2	709.8	711.2	713.2	714.6	716.0
5°	710.5	710.5	713.2	715.3	719.3	722.1	723.4	727.5	732.2	730.9	735.0
7.5°	728.2	727.5	730.2	731.6	735.0	739.7	739.0	742.4	746.5	747.9	751.2
10°	751.9	749.9	749.9	748.5	749.2	747.9	747.9	747.9	750.6	749.9	752.6
12.5°	776.4	775.7	774.3	770.2	770.2	764.8	762.1	758.7	758.0	753.3	754.0
15°	826.6	826.6	823.9	815.7	808.9	804.2	797.4	792.6	785.9	777.0	772.3
17.5°	899.9	890.4	887.0	885.6	874.8	870.7	855.8	840.1	832.7	820.5	813.7
20°	989.4	987.4	973.8	967.0	953.5	934.5	915.5	895.1	882.9	868.0	859.8
22.5°	1090.6	1075.6	1068.8	1058.7	1037.6	1015.9	987.4	960.3	941.3	931.1	925.0
25°	1208.6	1193.7	1186.9	1173.4	1147.6	1124.5	1089.2	1057.3	1040.3	1023.4	1013.9
27.5°	1365.4	1351.2	1343.0	1307.7	1298.9	1260.9	1217.5	1174.0	1151.6	1126.5	1110.2
30°	1599.5	1600.2	1558.1	1515.4	1471.3	1405.4	1360.0	1311.1	1274.5	1238.5	1202.5
32.5°	1995.2	1894.1	1816.0	1724.4	1628.7	1558.8	1502.5	1444.1	1393.2	1341.0	1281.3
35°	2236.8	2187.9	2086.8	1919.2	1822.8	1738.0	1675.5	1605.0	1542.5	1450.2	1359.3
37.5°	2509.6	2396.2	2273.4	2180.4	2071.2	1972.8	1868.3	1788.2	1680.3	1556.1	1427.2
40°	2907.9	2745.7	2597.8	2472.9	2331.8	2228.6	2111.9	1995.9	1852.7	1672.8	1495.7
42.5°	3323.9	3156.3	2960.9	2798.7	2632.4	2511.6	2367.1	2204.2	1993.8	1771.2	1554.7
45°	3760.3	3536.3	3302.2	3104.1	2931.0	2781.0	2601.9	2386.1	2129.5	1859.4	1609.7
47.5°	4190.5	3933.3	3654.4	3441.3	3216.0	3032.8	2812.9	2540.1	2235.4	1942.9	1664.7
50°	4569.9	4322.2	3986.3	3715.5	3487.5	3261.5	2987.3	2658.9	2318.9	2014.9	1714.2
52.5°	4897.0	4683.9	4330.3	3988.3	3725.7	3471.9	3127.8	2754.6	2403.0	2081.4	1754.9
55°	5137.2	4995.4	4669.7	4245.5	3935.4	3632.7	3246.6	2846.9	2482.4	2134.3	1781.4
57.5°	5318.4	5239.7	4960.1	4487.8	4128.1	3788.8	3369.4	2957.5	2561.2	2179.8	1793.6
60°	5417.5	5439.2	5180.0	4699.5	4298.4	3919.1	3492.2	3051.8	2619.5	2206.2	1786.8
62.5°	5408.0	5541.0	5344.9	4829.8	4397.5	3996.5	3575.0	3095.9	2611.4	2164.2	1725.1
63°	5389.7	5544.4	5363.2	4838.6	4403.6	3999.2	3577.1	3089.8	2594.4	2143.8	1700.6
65°	5231.6	5466.4	5347.6	4798.6	4349.3	3948.3	3534.3	3001.6	2475.0	2034.5	1575.1
67.5°	4808.1	5101.9	5068.0	4515.6	4092.1	3737.9	3315.8	2717.2	2179.8	1765.8	1334.9
70°	4108.4	4384.6	4390.7	3927.2	3573.7	3226.2	2875.4	2211.0	1727.8	1368.8	995.6
72.5°	3148.8	3326.6	3388.4	3083.0	2846.2	2601.9	2287.0	1605.0	1231.7	931.1	648.1
75°	2438.3	2389.5	2388.8	2259.8	2163.5	2044.0	1697.9	1083.1	808.9	605.3	396.3
77.5°	2192.0	1974.8	1764.4	1609.7	1532.3	1492.3	1113.6	652.8	477.1	348.1	228.0
80°	1807.9	1487.6	1201.9	1034.9	968.4	1014.6	620.9	352.9	261.3	198.2	147.9
82.5°	1246.6	1034.9	786.5	651.5	559.2	585.0	317.6	180.5	120.8	110.6	91.6
85°	649.4	569.4	480.5	412.6	364.4	320.3	164.9	86.2	50.2	44.1	40.0
87.5°	0.0	0.7	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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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9
2.5°	718.0	717.3	718.7	719.3	721.4	722.7	723.4	722.1	724.1	726.1	724.8
5°	737.0	741.7	742.4	744.5	744.5	748.5	748.5	748.5	747.9	748.5	747.2
7.5°	753.3	759.4	760.1	762.8	763.5	768.2	766.2	767.5	767.5	764.1	762.8
10°	755.3	761.4	764.8	768.2	773.0	779.1	779.1	782.5	782.5	779.7	779.1
12.5°	756.0	760.7	764.1	768.9	775.7	784.5	789.2	794.0	796.0	795.4	793.3
15°	770.2	770.2	770.9	775.0	779.7	790.6	797.4	802.8	806.2	804.9	801.5
17.5°	807.6	802.1	798.1	791.3	792.6	798.1	802.1	806.9	807.6	806.2	800.8
20°	851.0	844.2	834.0	823.2	817.8	813.7	811.0	811.0	808.9	802.1	793.3
22.5°	912.8	903.9	889.7	873.4	862.5	849.6	834.0	819.1	802.8	786.5	767.5
25°	998.3	986.1	971.1	946.0	922.9	895.8	863.9	830.6	792.0	758.0	730.2
27.5°	1084.5	1057.3	1018.6	984.0	941.3	900.5	855.1	814.4	764.8	724.1	693.6
30°	1155.7	1104.1	1048.5	993.5	937.2	882.2	827.9	779.1	724.8	683.4	653.5
32.5°	1210.7	1139.4	1062.1	990.1	920.9	853.7	791.3	737.0	682.0	639.3	607.4
35°	1261.6	1162.5	1064.1	975.2	889.7	819.8	749.2	690.2	631.8	587.0	552.4
37.5°	1299.6	1173.4	1051.9	947.4	849.0	770.9	699.0	638.6	578.9	530.0	490.7
40°	1324.0	1166.6	1025.4	907.3	800.8	718.7	645.4	582.9	525.3	471.6	424.1
42.5°	1343.7	1157.7	998.9	870.7	762.8	673.2	597.9	530.7	472.3	414.0	361.7
45°	1372.9	1164.5	987.4	844.9	728.8	634.5	551.7	481.8	420.8	363.7	313.5
47.5°	1401.4	1167.9	970.4	813.0	686.1	594.5	510.3	442.5	380.0	327.8	281.6
50°	1427.2	1165.9	944.0	772.3	644.7	554.4	473.0	405.1	343.4	295.2	251.8
52.5°	1439.4	1154.4	911.4	732.9	611.4	519.2	436.4	370.5	309.5	264.0	223.9
55°	1438.0	1124.5	868.6	695.6	574.8	481.8	400.4	335.2	280.3	238.2	203.6
57.5°	1417.7	1078.3	823.2	654.2	526.6	435.7	358.3	295.2	249.1	213.8	184.6
60°	1374.9	1019.3	763.5	593.8	466.2	378.7	306.1	251.8	214.4	187.3	168.3
62.5°	1294.8	934.5	688.8	509.7	384.8	304.7	241.6	206.3	178.5	162.2	153.4
63°	1271.1	911.4	656.9	489.3	365.8	287.7	228.0	191.4	171.0	156.8	148.6
65°	1153.0	798.1	549.7	395.0	284.3	221.9	183.2	155.4	143.2	137.1	136.4
67.5°	933.8	627.7	388.9	270.8	193.4	160.2	140.5	128.9	123.5	122.2	123.5
70°	655.6	396.3	247.0	179.8	143.2	128.9	120.1	115.4	112.0	112.7	114.0
72.5°	418.0	237.5	169.7	136.4	120.8	113.3	109.3	107.9	107.2	106.5	106.5
75°	238.2	158.1	130.3	118.1	109.9	103.8	100.4	99.1	99.8	100.4	99.1
77.5°	157.4	130.3	116.0	107.9	100.4	93.7	91.6	90.9	92.3	93.7	93.7
80°	124.2	116.0	107.9	99.8	87.5	82.8	84.2	84.8	84.2	84.8	82.8
82.5°	87.5	86.2	88.2	84.8	72.6	68.5	67.2	67.9	66.5	66.5	65.1
85°	40.7	40.7	42.8	42.8	41.4	42.1	45.5	49.5	51.6	49.5	46.8
87.5°	0.0	0.0	0.0	0.0	0.0	6.1	12.2	17.6	19.0	23.8	23.1
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9
2.5°	722.7	724.1	723.4	722.7	724.1	722.7	723.4	722.7	722.7	722.1	722.1
5°	745.8	747.9	743.8	743.1	741.7	738.4	738.4	737.0	737.0	734.3	732.2
7.5°	760.7	761.4	758.0	757.4	754.0	750.6	747.9	745.1	744.5	742.4	738.4
10°	775.0	773.6	770.9	767.5	764.1	759.4	756.0	752.6	751.9	748.5	743.8
12.5°	787.2	786.5	781.1	777.7	772.3	767.5	763.5	759.4	757.4	753.3	746.5
15°	795.4	791.3	784.5	778.4	772.3	766.9	762.1	757.4	755.3	750.6	743.8
17.5°	792.0	784.5	775.7	768.2	760.1	753.3	749.2	744.5	741.1	738.4	728.8
20°	779.7	768.9	755.3	746.5	735.6	726.8	724.1	719.3	716.6	706.5	694.2
22.5°	747.9	732.2	715.3	702.4	690.2	681.3	674.6	669.8	663.0	656.9	637.9
25°	707.8	690.2	672.5	656.9	640.6	627.1	614.8	603.3	599.9	587.0	568.7
27.5°	669.1	649.4	631.8	613.5	592.4	575.5	554.4	538.2	527.3	513.7	496.8
30°	627.7	608.1	584.3	559.9	535.4	517.1	493.4	473.7	460.1	445.9	430.3
32.5°	575.5	551.7	523.2	496.1	473.7	452.0	428.2	409.2	395.6	382.7	367.8
35°	515.8	484.5	454.0	424.1	400.4	382.1	361.0	346.8	337.3	325.7	310.1
37.5°	447.2	411.9	379.4	356.3	335.2	317.6	302.7	293.8	283.7	277.6	268.1
40°	378.0	343.4	311.5	290.5	272.8	262.6	254.5	252.5	245.7	237.5	231.4
42.5°	316.9	283.7	252.5	235.5	223.9	221.2	217.2	217.2	213.8	207.7	203.6
45°	275.5	240.9	213.8	201.6	195.4	194.8	192.7	192.7	192.1	189.3	184.6
47.5°	245.7	214.4	193.4	185.9	184.6	183.2	181.2	180.5	179.8	177.8	175.1
50°	218.5	192.1	178.5	175.1	175.8	173.7	171.7	169.7	169.0	166.9	164.2
52.5°	193.4	174.4	165.6	163.6	163.6	163.6	162.2	162.2	160.8	160.2	157.4
55°	179.2	164.9	160.2	159.5	158.8	158.1	156.8	156.8	155.4	154.7	151.3
57.5°	166.9	158.1	155.4	154.0	153.4	152.0	151.3	151.3	151.3	151.3	147.3
60°	157.4	153.4	152.7	151.3	150.7	147.9	146.6	145.9	146.6	147.3	143.2
62.5°	147.3	146.6	145.9	144.5	143.9	141.2	139.1	137.8	139.1	140.5	139.8
63°	144.5	143.9	143.9	143.2	142.5	139.1	137.1	135.7	137.1	138.4	138.4
65°	135.0	135.7	135.7	135.0	134.4	132.3	129.6	128.3	128.9	131.0	131.7
67.5°	124.9	125.5	124.9	125.5	124.9	123.5	121.5	120.1	119.4	120.1	120.8
70°	115.4	116.7	116.0	115.4	114.7	114.7	113.3	111.3	110.6	109.9	109.9
72.5°	107.2	107.2	105.9	105.9	105.2	105.2	103.8	101.8	101.1	101.1	99.8
75°	98.4	98.4	96.4	96.4	95.0	95.7	94.3	92.3	91.6	91.6	90.9
77.5°	93.0	90.9	87.5	86.9	86.2	86.2	85.5	83.5	82.8	82.8	82.1
80°	82.1	78.0	74.6	74.0	74.6	76.0	76.0	74.6	74.6	74.6	74.6
82.5°	63.8	62.4	60.4	59.0	59.0	61.1	63.8	65.1	66.5	67.9	67.9
85°	46.8	47.5	46.8	44.8	44.1	46.1	48.9	51.6	52.3	55.0	54.3
87.5°	25.1	25.8	23.8	23.1	25.1	26.5	29.2	29.9	31.2	31.9	32.6
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9
2.5°	721.4	720.7	721.4	720.0	720.0	718.7	717.3	716.6	715.3	714.6	713.2
5°	733.6	731.6	729.5	728.8	726.1	723.4	721.4	718.0	715.3	710.5	709.2
7.5°	741.7	737.0	734.3	733.6	729.5	727.5	722.7	718.7	714.6	708.5	706.5
10°	745.1	740.4	735.6	733.6	728.8	725.5	720.7	714.6	711.2	705.1	703.7
12.5°	749.2	740.4	732.9	727.5	720.7	713.2	708.5	705.1	700.3	697.0	695.6
15°	741.7	730.2	718.7	708.5	697.6	689.5	684.7	679.3	673.9	671.8	671.8
17.5°	721.4	706.5	686.8	673.9	662.3	653.5	647.4	642.0	641.3	638.6	639.9
20°	679.3	659.6	640.6	631.1	624.3	618.9	612.8	610.1	608.1	604.0	602.6
22.5°	620.9	604.7	591.1	584.3	578.9	572.1	566.7	558.5	556.5	552.4	550.4
25°	556.5	543.6	532.0	527.3	523.9	514.4	511.0	500.2	492.7	487.9	490.7
27.5°	492.0	482.5	471.6	465.5	463.5	454.7	451.3	439.1	433.0	433.0	426.2
30°	425.5	416.7	409.9	403.1	401.7	390.9	382.1	377.3	370.5	367.8	363.1
32.5°	363.1	354.2	348.8	345.4	340.0	331.2	322.3	314.2	303.3	299.3	297.2
35°	305.4	298.6	291.8	289.1	281.6	272.1	261.3	254.5	241.6	236.8	234.8
37.5°	261.3	253.1	248.4	240.9	233.4	223.3	215.1	209.0	204.3	202.2	202.2
40°	226.0	219.9	214.4	208.3	202.2	196.8	192.7	191.4	190.7	190.7	192.1
42.5°	199.5	194.1	191.4	188.0	185.9	185.9	185.3	185.9	186.6	187.3	189.3
45°	181.9	178.5	177.1	176.4	177.8	179.2	179.8	181.2	183.9	185.3	185.9
47.5°	172.4	169.7	169.0	169.7	171.7	174.4	177.1	179.2	181.2	181.9	182.6
50°	162.9	159.5	158.1	159.5	162.2	166.3	168.3	171.7	173.1	174.4	173.1
52.5°	154.7	152.0	151.3	151.3	154.0	156.8	159.5	162.2	162.9	162.9	162.2
55°	147.9	145.9	143.9	145.2	147.3	150.0	154.0	156.1	157.4	158.1	158.1
57.5°	142.5	140.5	138.4	139.8	141.8	144.5	148.6	150.7	152.0	154.0	154.7
60°	138.4	135.7	133.7	135.7	137.8	141.8	145.2	147.3	150.7	151.3	151.3
62.5°	134.4	131.7	128.3	130.3	130.3	132.3	135.7	138.4	141.8	143.2	143.2
63°	133.7	131.0	127.6	128.9	128.9	130.3	133.0	135.7	139.8	141.2	140.5
65°	128.3	127.6	124.2	124.2	122.8	124.2	126.2	128.9	131.0	133.0	133.0
67.5°	119.4	118.8	118.1	118.1	118.1	119.4	120.8	122.8	124.9	126.2	125.5
70°	109.3	109.3	109.3	109.9	109.9	111.3	112.0	111.3	113.3	114.7	114.0
72.5°	100.4	99.8	99.1	100.4	99.8	99.8	101.1	100.4	102.5	102.5	103.2
75°	90.9	90.3	90.3	90.9	89.6	88.2	88.9	88.9	89.6	89.6	90.9
77.5°	82.8	82.8	82.8	82.1	80.8	80.1	79.4	79.4	79.4	79.4	80.1
80°	75.3	75.3	75.3	74.6	73.3	71.9	70.6	69.9	69.2	65.8	65.8
82.5°	67.9	67.9	67.9	67.9	67.2	65.8	63.8	58.4	55.6	52.9	53.6
85°	53.6	55.0	56.3	58.4	57.7	57.7	53.6	46.8	42.8	40.0	40.7
87.5°	34.6	30.5	30.5	29.9	28.5	27.1	27.1	23.1	19.0	17.0	17.6
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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REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	0°
2.5°	713.2	711.9	710.5	710.5	708.5	708.5	707.1	709.8	707.1	705.1	705.1	2.5°
5°	707.8	706.5	702.4	701.7	699.0	699.0	699.0	697.6	697.6	696.3	695.6	5°
7.5°	704.4	701.0	697.6	695.6	695.6	694.2	697.0	695.6	696.3	696.3	697.0	7.5°
10°	701.7	699.0	697.6	697.0	697.0	699.0	701.0	701.7	701.0	701.7	701.7	10°
12.5°	694.9	696.3	697.0	699.7	703.1	707.1	711.9	712.6	713.9	713.9	715.3	12.5°
15°	673.2	676.6	680.7	687.5	696.3	705.1	713.9	721.4	728.2	731.6	734.3	15°
17.5°	642.7	646.1	653.5	661.0	672.5	685.4	700.3	713.2	727.5	740.4	753.3	17.5°
20°	601.3	606.7	608.7	622.3	635.9	653.5	671.2	691.5	716.0	740.4	765.5	20°
22.5°	547.7	553.8	563.3	574.1	588.4	610.1	631.1	663.0	695.6	730.2	769.6	22.5°
25°	487.9	494.7	502.9	514.4	528.7	551.7	582.3	616.2	656.2	701.7	750.6	25°
27.5°	426.2	433.0	439.8	447.9	464.2	488.6	524.6	559.9	604.0	653.5	710.5	27.5°
30°	364.4	365.1	369.2	379.4	396.3	428.2	454.7	498.8	544.9	597.2	663.0	30°
32.5°	296.6	295.9	300.6	309.5	325.7	356.3	388.9	431.6	477.1	542.9	610.8	32.5°
35°	236.2	236.2	245.0	253.8	272.1	293.8	322.3	360.4	414.0	475.0	542.9	35°
37.5°	204.3	209.0	214.4	223.3	237.5	254.5	279.6	312.8	354.9	413.3	475.7	37.5°
40°	194.1	196.8	201.6	209.7	221.9	237.5	255.8	281.0	313.5	360.4	417.4	40°
42.5°	190.0	190.7	193.4	199.5	210.4	226.0	245.0	267.4	291.8	325.1	374.6	42.5°
45°	185.9	185.3	186.6	191.4	200.2	217.8	239.6	264.0	288.4	316.2	357.0	45°
47.5°	182.6	182.6	182.6	184.6	192.7	210.4	235.5	264.0	293.2	324.4	364.4	47.5°
50°	173.1	172.4	172.4	173.7	179.8	198.8	228.7	263.3	301.3	342.0	387.5	50°
52.5°	162.2	162.2	162.9	163.6	169.0	188.0	221.2	263.3	310.8	365.1	422.1	52.5°
55°	158.8	159.5	160.2	159.5	163.6	179.8	213.1	259.2	314.9	383.4	459.4	55°
57.5°	156.1	157.4	157.4	156.8	159.5	173.1	204.9	251.1	311.5	390.2	485.9	57.5°
60°	152.0	152.0	152.0	150.0	151.3	163.6	192.7	238.2	300.6	384.1	490.0	60°
62.5°	143.2	143.2	141.8	141.2	140.5	150.0	176.4	219.2	281.0	367.8	479.8	62.5°
63°	141.2	140.5	140.5	138.4	138.4	147.3	173.1	216.5	275.5	363.7	475.7	63°
65°	133.7	133.7	133.7	132.3	131.7	138.4	159.5	197.5	254.5	344.7	455.4	65°
67.5°	125.5	126.2	124.9	124.2	123.5	127.6	143.9	173.7	221.9	304.7	417.4	67.5°
70°	114.0	114.7	114.7	114.0	113.3	116.0	126.2	149.3	183.9	253.8	355.6	70°
72.5°	103.8	105.2	105.2	106.5	106.5	108.6	112.7	124.2	147.3	198.2	279.6	72.5°
75°	93.0	93.7	95.0	96.4	95.0	94.3	95.0	103.8	115.4	146.6	199.5	75°
77.5°	83.5	85.5	85.5	84.8	82.8	81.4	81.4	85.5	95.0	111.3	142.5	77.5°
80°	69.2	72.6	73.3	71.3	69.2	69.2	70.6	73.3	79.4	91.6	107.9	80°
82.5°	55.6	59.0	59.7	60.4	59.7	61.8	61.8	62.4	65.8	75.3	88.2	82.5°
85°	42.8	45.5	47.5	48.2	48.9	49.5	48.9	45.5	47.5	53.6	59.7	85°
87.5°	19.0	19.7	18.3	19.0	18.3	19.0	19.7	16.3	15.6	21.0	21.7	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°
711.9	711.9	711.9	711.9	711.9	711.9	711.9
704.4	704.4	705.1	703.7	703.7	704.4	702.4
693.6	696.3	696.3	696.3	694.9	696.3	697.0
696.3	698.3	699.7	699.7	699.0	701.7	703.7
699.7	703.1	704.4	704.4	704.4	707.8	712.6
712.6	715.3	717.3	717.3	718.7	722.7	728.2
736.3	739.7	739.7	739.0	743.1	747.9	754.0
762.8	772.3	777.0	776.4	779.7	785.9	792.6
787.9	814.4	825.9	834.0	837.4	845.6	847.6
808.9	853.0	884.9	912.1	925.0	933.1	942.6
801.5	861.2	918.2	973.8	1013.2	1053.2	1070.2
770.9	845.6	920.2	1001.7	1072.9	1144.2	1195.7
733.6	823.2	923.6	1039.0	1151.6	1260.9	1347.8
690.8	802.1	931.1	1073.6	1221.5	1364.7	1490.3
637.2	762.1	912.8	1077.0	1251.4	1425.1	1588.0
569.4	707.8	870.0	1052.6	1252.8	1451.6	1646.4
501.5	639.3	815.7	1017.3	1235.1	1457.7	1683.0
454.0	578.2	760.7	972.5	1206.6	1448.2	1700.6
421.4	534.1	711.9	931.8	1176.1	1431.2	1703.4
418.7	515.1	680.0	901.9	1151.6	1416.3	1703.4
441.8	525.3	669.1	887.0	1141.5	1411.6	1704.7
485.2	566.0	688.8	898.5	1149.6	1417.7	1710.8
537.5	627.7	741.7	938.5	1184.2	1438.0	1724.4
585.0	699.0	832.0	1015.9	1247.3	1489.6	1762.4
612.8	760.1	927.7	1124.5	1355.2	1592.1	1838.4
616.2	794.0	1012.5	1242.6	1486.2	1709.5	1959.9
613.5	796.7	1023.4	1265.0	1514.0	1738.7	2002.0
598.6	797.4	1053.9	1343.7	1610.4	1861.5	2119.4
560.5	775.7	1064.8	1405.4	1731.9	2023.0	2338.6
494.7	713.9	1032.9	1406.8	1778.7	2113.3	2477.0
397.7	596.5	895.1	1279.9	1655.2	2024.4	2441.0
291.1	438.4	676.6	991.5	1350.5	1685.0	2090.9
193.4	283.7	456.0	706.5	968.4	1212.7	1505.2
133.0	175.8	266.7	424.8	592.4	711.2	958.9
97.7	116.0	147.9	217.2	285.0	350.9	500.8
61.1	66.5	74.0	107.2	153.4	207.0	312.2
16.3	17.0	15.6	21.0	33.3	31.9	35.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)