

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: P181137

Luminaire Tested: **ICS-E03-LED-E1-SLR-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181137
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-E03-LED-E1-SLR-7030
Description: ICON SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (63) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6862 lumens
Efficiency: N/A
Efficacy: 91.3 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): 75.2
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



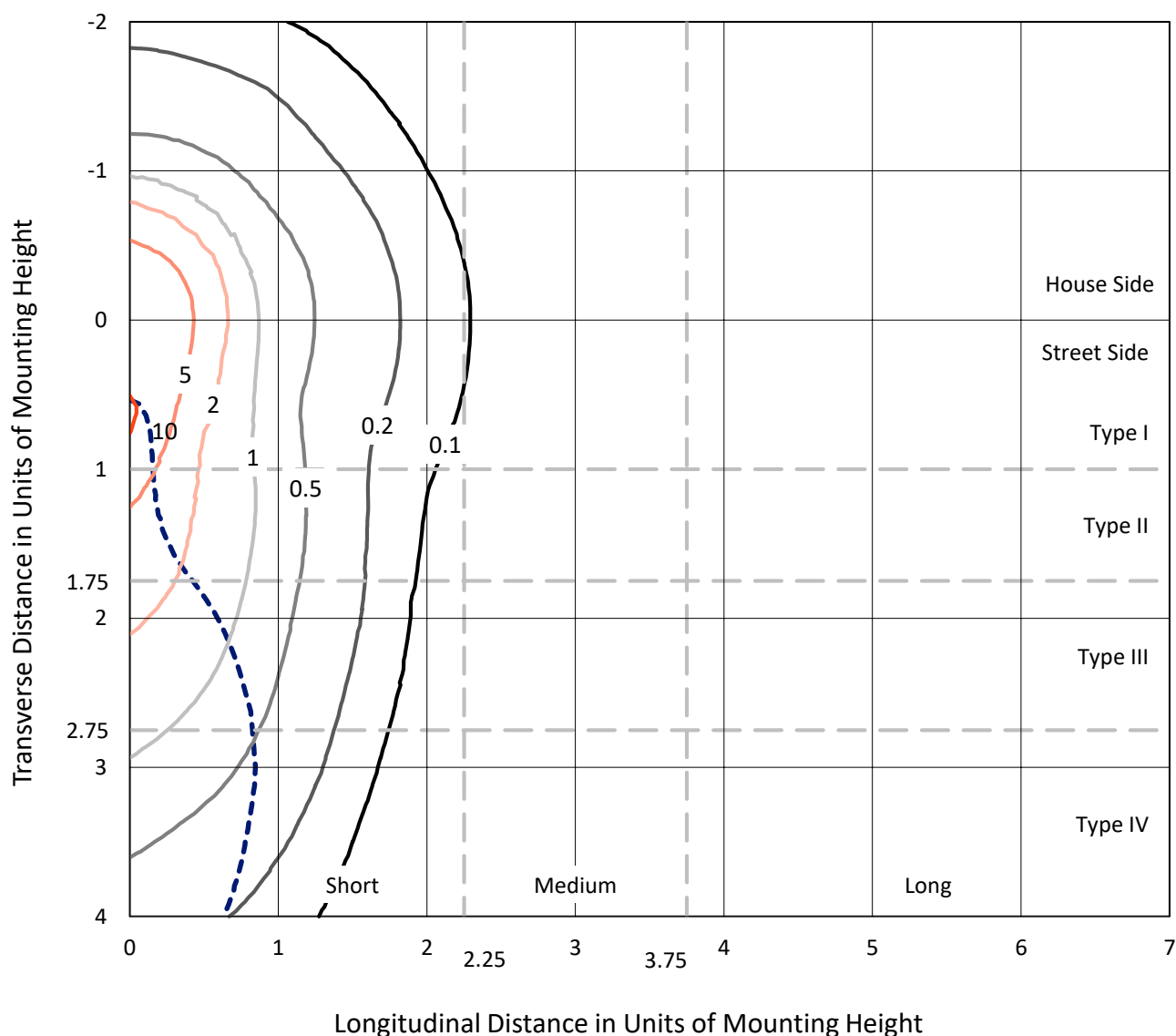
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

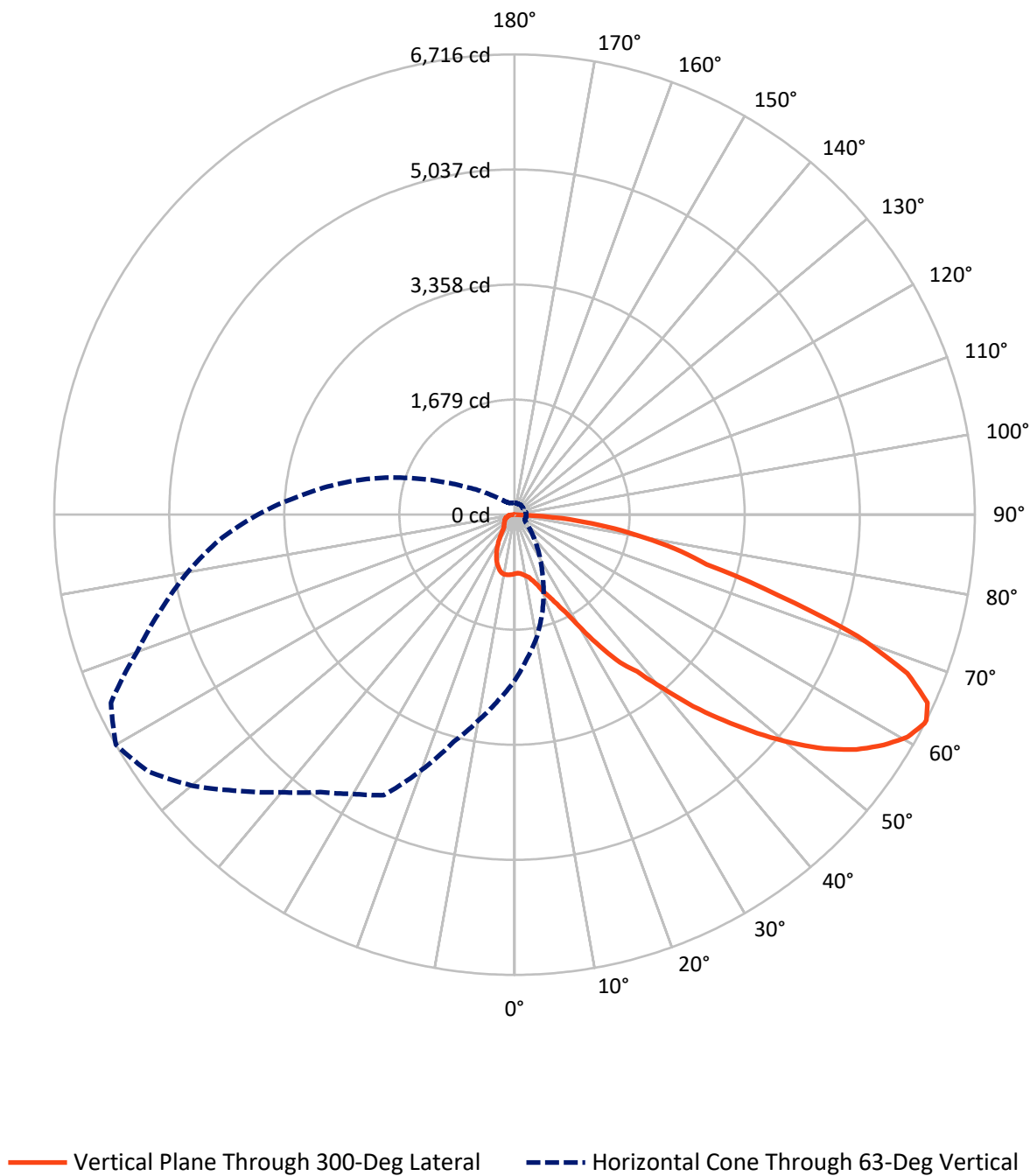


Based on 10 foot mounting height. Maximum calculated value = 10.8 fc
Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1488.0	0.0	1488.0
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	5374.0	0.0	5374.0
	% Fixture	78.3	0.0	78.3
Total	Lumens	6862.0	0.0	6862.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.9	1.2
10°-20°	261.4	3.8
20°-30°	464.5	6.8
30°-40°	731.4	10.7
40°-50°	1076.4	15.7
50°-60°	1429.8	20.8
60°-70°	1574.9	23.0
70°-80°	988.1	14.4
80°-90°	251.7	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°	6862.0	100.0
0°-180°	6862.0	100.0

Coefficient of Utilization



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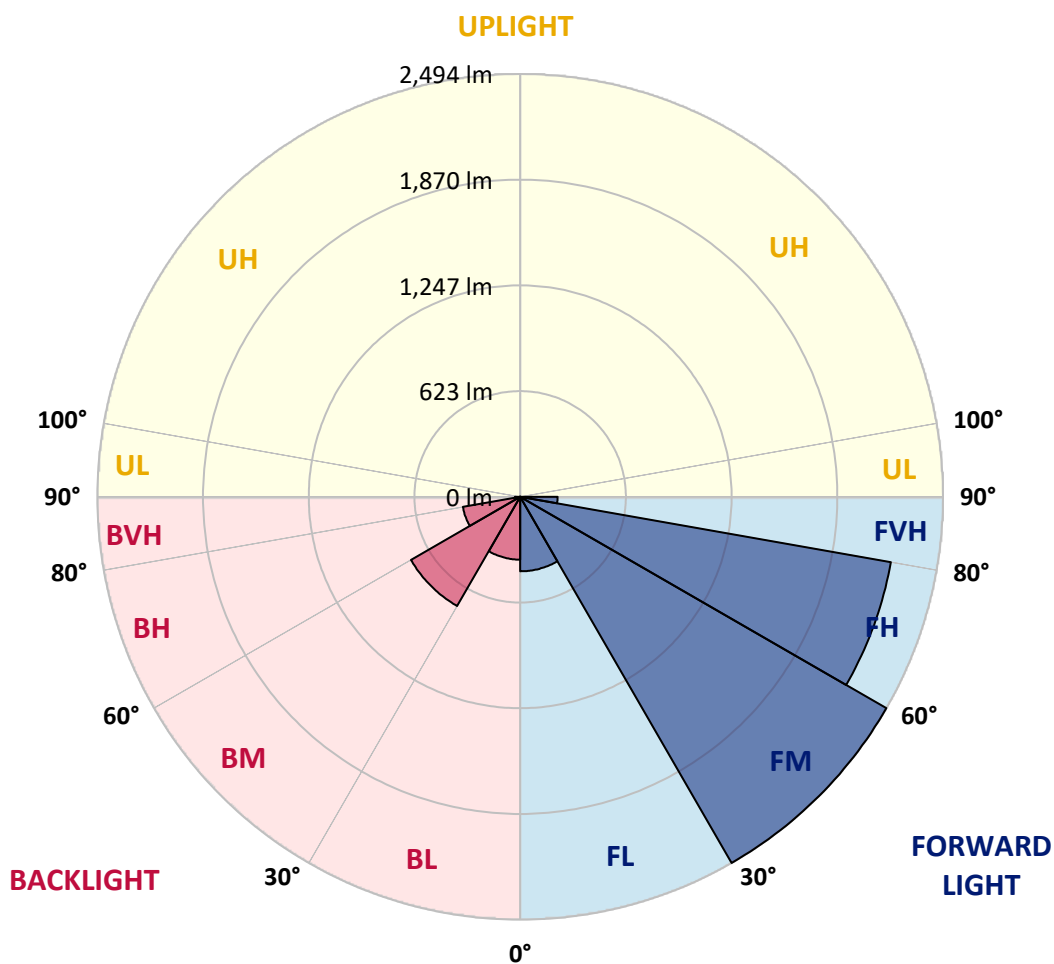
CATALOG NUMBER: ICS-E03-LED-E1-SLR-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	439.4	6.4			
FM	(30°-60°)	2493.8	36.3			
FH	(60°-80°)	2220.0	32.4			G2/5000
FVH	(80°-90°)	220.8	3.2			G2/225
BL	(0°-30°)	370.5	5.4	B1/500		
BM	(30°-60°)	743.7	10.8	B1/1000		
BH	(60°-80°)	343.0	5.0	B1/500		G1/500
BVH	(80°-90°)	30.8	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°	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3
2.5°	850.8	853.3	852.5	852.5	854.1	853.3	853.3	854.1	854.1	856.6	859.9
5°	844.3	843.4	841.8	843.4	843.4	843.4	840.1	842.6	843.4	845.1	845.1
7.5°	852.5	850.0	846.7	847.5	847.5	845.9	843.4	844.3	843.4	843.4	842.6
10°	863.2	857.4	853.3	853.3	853.3	851.7	847.5	850.0	850.0	849.2	850.0
12.5°	882.1	875.5	870.6	868.9	868.9	866.5	863.2	866.5	864.8	864.8	863.2
15°	913.3	905.9	900.2	895.2	896.0	896.0	891.9	889.5	886.2	882.1	873.8
17.5°	960.2	951.9	944.5	940.4	941.3	935.5	924.0	912.5	896.9	881.2	864.0
20°	1026.8	1024.3	1014.4	1010.3	1000.4	986.5	954.4	927.3	896.9	867.3	837.7
22.5°	1141.8	1130.3	1120.5	1104.8	1072.0	1033.3	979.9	932.2	884.5	842.6	803.2
25°	1296.4	1275.8	1227.3	1179.7	1112.2	1043.2	970.9	909.2	850.0	794.9	746.4
27.5°	1448.5	1386.0	1299.7	1213.4	1114.7	1024.3	933.9	860.7	791.6	731.6	678.2
30°	1632.6	1527.4	1395.0	1258.6	1118.8	997.2	888.6	803.2	723.4	660.1	604.2
32.5°	1805.2	1653.2	1479.7	1300.5	1127.9	971.7	836.9	739.9	657.6	577.9	522.8
35°	1923.6	1726.3	1515.9	1304.6	1105.7	923.2	771.9	657.6	575.4	501.5	436.5
37.5°	1994.3	1758.4	1517.5	1275.0	1053.9	857.4	689.7	576.3	500.6	429.9	379.0
40°	2038.7	1765.8	1496.1	1232.3	988.1	774.4	607.5	505.6	436.5	379.8	340.3
42.5°	2060.1	1754.3	1461.6	1178.0	921.5	700.4	550.0	453.8	393.8	353.5	323.9
45°	2063.4	1733.7	1424.6	1128.7	862.3	647.0	510.5	432.4	383.1	349.4	319.8
47.5°	2063.4	1715.6	1395.0	1092.5	823.7	623.9	507.2	441.4	392.9	355.1	319.8
50°	2065.0	1709.9	1382.7	1074.4	810.6	636.3	535.2	469.4	414.3	365.0	319.0
52.5°	2072.4	1717.3	1392.6	1088.4	834.4	685.6	587.8	511.3	442.3	376.5	319.0
55°	2088.9	1741.9	1434.5	1136.9	898.5	760.4	651.1	556.5	464.5	381.4	314.0
57.5°	2134.9	1804.4	1510.9	1230.6	1007.8	846.7	708.6	588.6	472.7	377.3	304.2
60°	2227.0	1928.6	1641.7	1362.2	1123.8	920.7	742.3	593.5	465.3	364.2	288.5
62.5°	2374.1	2070.8	1800.3	1505.2	1226.5	961.8	746.4	581.2	445.6	340.3	265.5
63°	2425.1	2106.1	1834.0	1532.3	1239.7	965.1	743.1	576.3	440.6	333.8	262.2
65°	2567.3	2254.9	1950.7	1627.7	1276.7	965.9	725.1	551.6	417.6	308.3	239.2
67.5°	2832.8	2450.6	2097.9	1702.5	1289.8	939.6	679.0	505.6	369.1	268.8	210.4
70°	3000.5	2559.9	2154.6	1704.1	1251.2	864.8	599.3	430.8	307.5	222.8	180.9
72.5°	2956.9	2452.2	2005.0	1550.4	1084.3	722.6	481.7	338.7	240.0	178.4	150.4
75°	2532.8	2041.2	1635.9	1201.0	819.6	531.1	352.7	241.7	177.6	139.8	125.8
77.5°	1823.3	1469.0	1173.1	855.8	552.4	343.6	234.3	172.6	134.8	115.1	103.6
80°	1161.6	861.5	717.7	514.6	323.1	212.9	161.1	130.7	111.0	96.2	88.8
82.5°	606.7	425.0	345.3	263.1	179.2	140.6	118.4	106.9	91.2	79.7	75.6
85°	378.1	250.7	185.8	129.9	89.6	80.6	74.0	72.3	64.9	57.5	55.1
87.5°	42.7	38.6	40.3	25.5	18.9	20.6	19.7	26.3	25.5	18.9	19.7
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°	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3
2.5°	856.6	858.2	858.2	860.7	860.7	862.3	864.0	864.0	865.6	866.5	868.1
5°	846.7	846.7	846.7	850.0	850.8	855.8	857.4	859.1	860.7	866.5	869.7
7.5°	844.3	841.0	842.6	842.6	845.1	849.2	853.3	855.8	858.2	865.6	870.6
10°	849.2	846.7	844.3	844.3	845.1	846.7	850.0	852.5	854.1	861.5	865.6
12.5°	862.3	856.6	851.7	847.5	844.3	843.4	841.8	842.6	844.3	848.4	854.1
15°	864.8	854.1	843.4	832.7	824.5	819.6	815.5	813.8	813.8	816.3	822.9
17.5°	848.4	830.3	814.7	800.7	791.6	782.6	778.5	775.2	773.6	776.8	777.7
20°	813.0	791.6	770.3	753.8	737.4	734.9	728.3	730.0	731.6	736.6	739.0
22.5°	764.5	739.0	712.7	695.5	682.3	670.8	663.4	666.7	669.2	674.1	676.6
25°	705.3	668.3	640.4	623.1	609.1	599.3	591.1	594.3	591.1	596.8	605.9
27.5°	635.5	591.9	562.3	542.6	532.7	524.5	516.3	516.3	524.5	524.5	531.9
30°	550.8	518.7	480.1	459.5	447.2	442.3	441.4	439.8	445.6	448.8	457.1
32.5°	471.0	431.6	394.6	374.9	364.2	358.4	359.2	360.1	362.5	367.5	380.6
35°	390.5	356.0	329.6	307.5	296.8	286.1	286.1	284.4	286.9	292.7	308.3
37.5°	338.7	308.3	287.7	270.5	259.8	253.2	247.4	245.0	245.0	247.4	253.2
40°	309.9	287.7	268.8	254.0	244.2	238.4	235.1	232.6	231.0	231.0	231.8
42.5°	296.8	273.7	254.8	241.7	234.3	231.0	230.2	229.4	226.9	226.1	225.2
45°	290.2	263.9	242.5	231.8	226.1	224.4	225.2	225.2	224.4	222.8	219.5
47.5°	285.3	254.8	233.5	223.6	221.1	221.1	221.1	221.1	220.3	219.5	217.0
50°	277.0	240.9	217.8	210.4	208.8	208.8	209.6	209.6	211.3	209.6	208.0
52.5°	268.0	227.7	204.7	198.1	197.3	196.5	196.5	196.5	197.3	197.3	196.5
55°	258.1	217.8	198.1	193.2	194.0	193.2	192.4	191.5	191.5	190.7	189.1
57.5°	248.3	209.6	193.2	189.9	190.7	190.7	189.1	187.4	186.6	184.1	182.5
60°	233.5	198.1	183.3	181.7	184.1	184.1	184.1	183.3	183.3	182.5	178.4
62.5°	213.7	181.7	170.2	171.0	171.8	173.5	173.5	173.5	173.5	171.8	167.7
63°	209.6	178.4	167.7	167.7	170.2	170.2	171.0	170.2	171.0	169.3	164.4
65°	193.2	167.7	159.5	160.3	161.9	161.9	161.9	161.1	161.1	158.7	156.2
67.5°	174.3	154.5	149.6	150.4	151.3	152.9	152.1	152.1	152.9	151.3	148.8
70°	152.9	140.6	137.3	138.1	138.9	138.9	138.1	138.1	138.9	137.3	134.8
72.5°	136.5	131.5	129.1	129.1	127.4	127.4	125.8	125.0	124.1	124.1	121.7
75°	115.1	114.3	115.1	116.7	115.1	113.4	112.6	110.2	108.5	108.5	107.7
77.5°	98.6	98.6	100.3	102.8	103.6	103.6	101.1	97.0	96.2	96.2	96.2
80°	85.5	83.9	83.9	86.3	88.8	88.0	83.9	79.7	79.7	83.9	84.7
82.5°	74.8	74.8	72.3	73.2	72.3	71.5	67.4	64.9	64.1	67.4	70.7
85°	59.2	60.0	59.2	58.4	57.5	55.1	51.8	49.3	48.5	51.8	56.7
87.5°	23.8	23.0	22.2	23.0	22.2	23.8	23.0	21.4	20.6	23.0	28.0
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°	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3
2.5°	868.9	870.6	872.2	872.2	873.8	873.0	873.8	874.7	874.7	875.5	875.5
5°	873.8	876.3	879.6	882.9	883.7	886.2	888.6	887.0	889.5	892.8	892.8
7.5°	875.5	881.2	883.7	888.6	889.5	892.8	898.5	894.4	899.3	901.8	902.6
10°	873.0	878.8	882.9	888.6	891.1	896.9	902.6	901.0	906.7	910.8	911.7
12.5°	858.2	864.0	873.0	881.2	887.8	896.9	907.6	904.3	912.5	917.4	919.9
15°	829.5	835.2	845.1	858.2	870.6	884.5	898.5	901.0	909.2	915.0	917.4
17.5°	784.2	791.6	802.3	816.3	831.9	855.8	873.8	882.9	894.4	897.7	901.8
20°	742.3	749.7	756.3	764.5	776.0	799.0	822.9	841.0	855.8	868.1	871.4
22.5°	686.4	693.0	701.2	707.8	716.0	732.5	752.2	772.7	795.8	803.2	811.4
25°	619.0	623.1	634.6	638.7	644.5	658.5	674.1	688.9	711.1	726.7	730.8
27.5°	546.7	550.8	561.5	563.9	571.3	584.5	596.0	601.7	622.3	638.7	651.9
30°	462.8	473.5	486.7	488.3	496.5	504.7	515.4	521.2	540.1	557.4	573.8
32.5°	390.5	401.2	411.9	418.4	422.5	429.1	439.8	445.6	463.6	479.3	495.7
35°	316.5	329.6	341.2	350.2	353.5	361.7	369.9	375.7	394.6	408.6	420.1
37.5°	260.6	270.5	282.8	291.8	300.9	306.6	316.5	324.7	336.2	343.6	356.0
40°	233.5	238.4	245.0	252.4	259.8	266.3	273.7	280.3	287.7	297.6	305.8
42.5°	224.4	225.2	225.2	227.7	231.8	235.1	241.7	246.6	251.6	258.9	263.1
45°	217.8	217.0	215.4	213.7	214.6	216.2	220.3	223.6	229.4	232.6	233.5
47.5°	214.6	211.3	208.0	205.5	204.7	205.5	208.8	212.1	215.4	217.8	218.7
50°	203.9	201.4	196.5	193.2	191.5	193.2	197.3	198.9	202.2	204.7	205.5
52.5°	193.2	189.9	186.6	183.3	183.3	184.1	187.4	190.7	194.0	194.8	196.5
55°	186.6	181.7	178.4	175.9	174.3	176.7	179.2	183.3	187.4	188.3	189.9
57.5°	180.0	175.1	171.8	169.3	167.7	170.2	172.6	178.4	183.3	183.3	183.3
60°	175.9	171.8	166.9	164.4	161.9	164.4	167.7	173.5	178.4	177.6	176.7
62.5°	164.4	160.3	157.8	157.8	155.4	159.5	162.8	169.3	170.2	168.5	166.9
63°	161.1	157.8	156.2	156.2	154.5	158.7	161.9	167.7	167.7	166.1	164.4
65°	152.9	150.4	148.8	150.4	150.4	154.5	155.4	159.5	158.7	156.2	155.4
67.5°	146.3	144.7	143.0	143.0	143.0	143.9	144.7	146.3	145.5	144.7	145.5
70°	135.6	134.8	133.2	133.2	132.4	132.4	132.4	133.2	133.2	134.0	134.8
72.5°	122.5	120.8	120.8	121.7	120.0	120.8	121.7	120.8	122.5	122.5	123.3
75°	107.7	106.9	108.5	110.2	109.3	109.3	110.2	110.2	111.0	111.0	111.8
77.5°	96.2	97.0	97.8	99.5	100.3	100.3	100.3	99.5	100.3	100.3	101.1
80°	85.5	87.1	88.8	90.4	91.2	91.2	91.2	90.4	90.4	90.4	90.4
82.5°	77.3	79.7	81.4	82.2	82.2	82.2	82.2	82.2	82.2	80.6	78.9
85°	64.9	69.9	69.9	70.7	68.2	66.6	64.9	65.8	66.6	63.3	62.5
87.5°	32.9	32.9	34.5	36.2	37.0	37.0	41.9	39.5	38.6	37.8	36.2
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3
2.5°	876.3	875.5	877.1	875.5	876.3	877.1	875.5	878.0	879.6	877.1	874.7
5°	894.4	894.4	898.5	900.2	901.0	905.9	903.4	905.1	906.7	905.9	906.7
7.5°	905.9	909.2	913.3	917.4	918.2	922.4	921.5	924.0	925.6	929.7	929.7
10°	915.8	919.9	925.6	929.7	933.9	937.1	938.8	943.7	944.5	947.8	947.8
12.5°	924.8	929.7	935.5	942.1	946.2	952.8	953.6	961.0	963.5	964.3	961.8
15°	923.2	928.9	935.5	942.9	950.3	958.5	963.5	970.9	975.0	976.6	972.5
17.5°	907.6	912.5	920.7	930.6	939.6	950.3	959.3	970.0	976.6	978.3	977.4
20°	877.1	880.4	891.1	904.3	915.0	931.4	944.5	961.0	971.7	979.9	982.4
22.5°	817.1	825.3	836.0	850.8	866.5	887.0	905.9	929.7	952.8	972.5	992.2
25°	744.8	759.6	776.0	795.8	814.7	836.0	857.4	884.5	918.2	959.3	1006.2
27.5°	671.6	697.1	717.7	743.1	765.3	786.7	810.6	840.1	877.1	926.5	986.5
30°	597.6	626.4	648.6	678.2	707.8	736.6	760.4	791.6	827.8	878.0	943.7
32.5°	518.7	547.5	573.8	600.9	633.8	668.3	697.1	735.7	774.4	826.2	892.8
35°	437.3	462.8	485.0	513.8	550.0	587.0	624.8	669.2	711.1	765.3	836.0
37.5°	366.6	384.7	406.1	431.6	459.5	499.0	541.7	594.3	642.0	701.2	773.6
40°	308.3	318.1	330.5	351.8	377.3	416.0	457.9	513.8	571.3	636.3	706.1
42.5°	263.1	268.0	271.3	285.3	305.8	343.6	383.9	438.2	501.5	572.2	642.9
45°	233.5	235.9	236.8	244.2	258.9	291.8	333.8	379.8	440.6	509.7	583.7
47.5°	219.5	222.0	223.6	225.2	234.3	259.8	297.6	341.2	397.1	460.4	536.0
50°	208.0	210.4	212.9	212.1	216.2	232.6	264.7	305.0	357.6	416.0	490.8
52.5°	196.5	198.1	198.1	198.1	200.6	211.3	234.3	271.3	319.8	374.9	448.8
55°	189.9	191.5	192.4	193.2	194.0	199.8	217.0	246.6	288.5	339.5	406.1
57.5°	183.3	184.1	185.8	186.6	188.3	191.5	202.2	223.6	258.9	301.7	357.6
60°	177.6	179.2	182.5	183.3	185.0	185.8	190.7	203.9	226.9	259.8	305.0
62.5°	168.5	171.0	174.3	175.1	176.7	177.6	178.4	185.8	196.5	216.2	249.9
63°	166.1	168.5	172.6	173.5	174.3	174.3	175.1	180.0	189.9	207.2	231.8
65°	157.0	160.3	162.8	163.6	164.4	164.4	163.6	165.2	166.1	173.5	188.3
67.5°	147.1	149.6	151.3	152.1	151.3	152.1	151.3	149.6	148.0	149.6	156.2
70°	137.3	138.9	138.9	139.8	140.6	141.4	139.8	138.1	136.5	135.6	139.8
72.5°	125.8	127.4	127.4	128.2	128.2	129.9	129.9	129.1	129.1	129.9	130.7
75°	114.3	115.9	115.1	116.7	116.7	119.2	119.2	120.0	121.7	120.8	120.0
77.5°	103.6	104.4	104.4	105.2	106.0	110.2	112.6	113.4	113.4	111.8	110.2
80°	92.1	92.1	90.4	89.6	90.4	94.5	99.5	100.3	102.8	101.9	102.8
82.5°	77.3	74.0	71.5	71.5	73.2	75.6	77.3	78.9	80.6	80.6	82.2
85°	59.2	55.9	53.4	54.3	56.7	57.5	56.7	56.7	60.0	62.5	60.0
87.5°	35.3	32.1	30.4	28.0	28.8	31.2	30.4	28.0	28.8	23.0	21.4
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°	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3
2.5°	876.3	875.5	873.8	871.4	870.6	868.9	869.7	867.3	865.6	864.0	861.5
5°	906.7	906.7	901.8	901.8	899.3	898.5	892.8	890.3	885.4	887.0	881.2
7.5°	928.1	930.6	924.8	924.0	920.7	919.9	912.5	910.0	905.9	904.3	899.3
10°	943.7	943.7	936.3	930.6	926.5	922.4	915.0	911.7	908.4	909.2	905.9
12.5°	956.1	950.3	939.6	931.4	925.6	921.5	915.8	913.3	912.5	918.2	919.1
15°	965.9	957.7	944.5	938.8	933.9	933.0	933.0	935.5	941.3	951.9	960.2
17.5°	971.7	966.7	960.2	958.5	966.7	971.7	978.3	985.6	993.9	1008.7	1017.7
20°	982.4	985.6	990.6	997.2	1010.3	1022.6	1030.9	1041.6	1051.4	1069.5	1084.3
22.5°	1010.3	1029.2	1044.8	1058.0	1077.7	1095.0	1105.7	1120.5	1127.9	1140.2	1163.2
25°	1046.5	1085.1	1118.0	1146.0	1176.4	1194.5	1209.3	1228.2	1239.7	1260.2	1280.8
27.5°	1035.8	1090.9	1140.2	1192.0	1233.9	1280.8	1313.7	1344.9	1364.6	1395.0	1422.2
30°	1002.9	1068.7	1135.3	1203.5	1270.1	1337.5	1400.0	1456.7	1500.3	1543.8	1588.2
32.5°	958.5	1034.2	1115.5	1199.4	1286.5	1380.2	1466.6	1552.0	1624.4	1687.7	1749.3
35°	907.6	993.0	1077.7	1181.3	1289.0	1408.2	1528.2	1646.6	1756.7	1868.5	1944.2
37.5°	846.7	933.9	1028.4	1147.6	1274.2	1421.3	1574.2	1728.8	1885.0	2035.4	2166.1
40°	781.8	870.6	970.0	1099.1	1242.1	1413.1	1603.8	1811.8	2026.4	2244.2	2417.7
42.5°	724.2	815.5	924.0	1054.7	1210.1	1402.4	1627.7	1883.3	2145.6	2415.2	2670.1
45°	668.3	768.6	882.9	1023.5	1196.1	1410.7	1663.0	1949.9	2252.4	2579.6	2890.4
47.5°	618.2	720.1	831.1	984.8	1175.5	1414.8	1697.6	2016.5	2353.6	2707.9	3077.0
50°	573.0	671.6	781.0	935.5	1143.5	1412.3	1728.8	2076.5	2440.7	2809.0	3220.8
52.5°	528.6	628.9	740.7	887.8	1104.0	1398.3	1743.6	2125.8	2521.3	2910.9	3336.7
55°	485.0	583.7	696.3	842.6	1052.2	1362.2	1741.9	2157.9	2585.4	3007.1	3448.5
57.5°	434.0	527.8	637.9	792.5	997.2	1306.3	1717.3	2172.7	2640.5	3102.5	3582.5
60°	370.7	458.7	564.8	719.3	924.8	1234.7	1665.5	2164.5	2672.5	3173.2	3696.8
62.5°	292.7	369.1	466.1	617.4	834.4	1132.0	1568.5	2089.7	2621.5	3163.3	3750.2
63°	276.2	348.6	443.1	592.7	795.8	1104.0	1539.7	2060.1	2596.9	3142.7	3742.8
65°	222.0	268.8	344.4	478.4	665.9	966.7	1396.7	1908.0	2464.5	2998.1	3636.0
67.5°	170.2	194.0	234.3	328.0	471.0	760.4	1131.2	1617.0	2139.0	2640.5	3291.5
70°	145.5	156.2	173.5	217.8	299.2	480.1	794.1	1206.0	1658.1	2093.0	2678.3
72.5°	132.4	137.3	146.3	165.2	205.5	287.7	506.4	785.1	1127.9	1492.0	1944.2
75°	121.7	125.8	133.2	143.0	157.8	191.5	288.5	480.1	733.3	979.9	1312.0
77.5°	111.0	113.4	121.7	130.7	140.6	157.8	190.7	276.2	421.7	577.9	790.8
80°	101.9	100.3	106.0	120.8	130.7	140.6	150.4	179.2	240.0	316.5	427.5
82.5°	81.4	83.0	88.0	102.8	106.9	104.4	106.0	111.0	134.0	146.3	218.7
85°	55.1	51.0	50.1	51.8	51.8	49.3	49.3	48.5	53.4	60.8	104.4
87.5°	14.8	7.4	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°	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	0°
2.5°	859.9	859.1	859.9	855.8	855.8	854.9	854.1	852.5	852.5	849.2	851.7	2.5°
5°	876.3	874.7	871.4	866.5	864.0	860.7	860.7	857.4	854.9	851.7	852.5	5°
7.5°	895.2	896.0	890.3	886.2	884.5	881.2	882.1	877.1	878.0	875.5	873.8	7.5°
10°	905.9	905.9	907.6	906.7	908.4	908.4	910.8	907.6	905.9	903.4	903.4	10°
12.5°	923.2	926.5	933.0	933.0	938.0	939.6	940.4	942.1	938.8	937.1	931.4	12.5°
15°	965.9	974.1	979.9	988.1	998.0	1001.3	1001.3	998.0	996.3	993.9	983.2	15°
17.5°	1036.6	1054.7	1059.6	1072.8	1074.4	1078.5	1090.1	1083.5	1079.4	1062.1	1058.8	17.5°
20°	1109.0	1132.0	1155.0	1171.4	1179.7	1196.1	1198.6	1195.3	1178.8	1162.4	1155.0	20°
22.5°	1196.1	1230.6	1256.9	1282.4	1294.7	1303.0	1321.1	1316.9	1303.8	1279.1	1269.3	22.5°
25°	1319.4	1362.2	1390.1	1421.3	1437.8	1446.0	1464.1	1464.1	1450.1	1442.7	1441.9	25°
27.5°	1474.8	1527.4	1573.4	1584.1	1626.9	1636.7	1654.0	1654.0	1640.8	1631.8	1675.4	27.5°
30°	1647.4	1702.5	1782.2	1835.7	1887.4	1938.4	1937.6	1940.9	1956.5	1964.7	1983.6	30°
32.5°	1820.0	1888.3	1972.9	2088.9	2199.8	2294.4	2416.9	2495.0	2471.1	2404.5	2378.2	32.5°
35°	2029.7	2105.3	2208.1	2324.8	2527.8	2650.3	2709.5	2751.4	2756.4	2765.4	2784.3	35°
37.5°	2263.1	2389.7	2508.9	2641.3	2753.9	2902.7	3040.0	3150.1	3175.6	3227.4	3197.8	37.5°
40°	2558.3	2699.6	2824.6	2995.6	3146.8	3326.1	3522.5	3673.8	3734.6	3714.9	3566.9	40°
42.5°	2867.3	3042.4	3188.8	3390.2	3586.6	3823.4	4026.4	4237.7	4275.5	4123.5	3902.3	42.5°
45°	3151.8	3368.8	3550.5	3760.1	4000.1	4283.8	4555.0	4772.1	4764.7	4504.1	4208.1	45°
47.5°	3407.4	3673.8	3895.7	4168.7	4426.8	4764.7	5076.2	5236.5	5142.0	4833.7	4471.2	47.5°
50°	3618.7	3950.8	4224.6	4500.8	4828.8	5235.7	5535.8	5626.2	5443.7	5108.3	4726.8	50°
52.5°	3788.9	4205.7	4513.1	4831.2	5245.6	5673.9	5932.0	5898.3	5662.3	5317.9	4938.1	52.5°
55°	3932.7	4400.5	4767.1	5142.8	5656.6	6051.2	6223.0	6132.6	5802.9	5453.5	5082.8	55°
57.5°	4081.5	4589.6	5000.6	5436.3	6008.4	6347.1	6442.5	6256.7	5869.5	5505.3	5145.3	57.5°
60°	4230.3	4747.4	5206.9	5692.8	6274.8	6588.8	6562.5	6284.6	5849.8	5467.5	5103.3	60°
62.5°	4330.6	4841.1	5326.9	5850.6	6474.5	6712.1	6551.0	6185.2	5735.5	5318.7	4978.4	62.5°
63°	4333.1	4844.4	5334.3	5861.3	6496.7	6716.2	6528.8	6149.8	5699.3	5288.3	4941.4	63°
65°	4281.3	4782.7	5268.6	5812.8	6477.8	6621.7	6337.3	5941.0	5493.0	5077.9	4749.0	65°
67.5°	4016.6	4527.9	4957.0	5470.0	6139.1	6180.2	5824.3	5504.5	5101.7	4671.8	4328.1	67.5°
70°	3483.1	3908.1	4329.0	4757.3	5318.7	5311.3	4976.8	4814.0	4461.3	3971.4	3696.0	70°
72.5°	2770.3	3151.8	3447.7	3734.6	4104.5	4029.7	3814.4	3859.6	3631.0	3265.2	3101.6	72.5°
75°	2056.8	2476.0	2620.7	2737.5	2893.7	2894.5	2953.7	3081.9	3078.6	2875.6	2669.2	75°
77.5°	1349.0	1807.7	1856.2	1949.9	2137.4	2392.2	2655.3	2938.0	3008.7	2848.4	2543.5	77.5°
80°	752.2	1229.0	1173.1	1253.6	1455.9	1802.0	2190.0	2502.4	2686.5	2596.9	2273.8	80°
82.5°	384.7	708.6	677.4	789.2	952.8	1253.6	1510.1	1750.2	1967.2	1954.9	1832.4	82.5°
85°	199.8	388.0	441.4	499.8	582.0	689.7	786.7	856.6	947.0	1106.5	1160.7	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.0	59.2	42.7	117.6	167.7	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°
862.3	862.3	862.3	862.3	862.3	862.3	862.3
852.5	853.3	851.7	851.7	852.5	852.5	850.8
850.8	850.8	849.2	847.5	845.9	845.9	844.3
869.7	869.7	864.0	861.5	857.4	854.1	852.5
897.7	892.8	886.2	881.2	874.7	867.3	863.2
925.6	918.2	910.0	902.6	894.4	886.2	882.1
971.7	961.8	951.1	942.1	930.6	918.2	913.3
1042.4	1026.8	1012.8	999.6	979.1	970.0	960.2
1136.1	1113.1	1095.0	1072.8	1047.3	1039.1	1026.8
1249.5	1229.8	1193.6	1177.2	1151.7	1139.4	1141.8
1422.2	1396.7	1354.8	1339.1	1336.7	1309.5	1296.4
1647.4	1649.1	1610.4	1568.5	1545.5	1502.7	1448.5
1968.0	1945.8	1900.6	1857.9	1803.6	1723.0	1632.6
2356.0	2306.7	2231.9	2152.2	2056.0	1931.8	1805.2
2735.0	2648.7	2529.5	2396.3	2257.4	2102.8	1923.6
3067.9	2933.9	2755.5	2602.6	2406.2	2213.0	1994.3
3372.1	3206.0	2975.9	2777.7	2545.9	2297.7	2038.7
3666.4	3455.9	3174.0	2906.0	2643.7	2354.4	2060.1
3946.7	3675.4	3340.9	3021.9	2715.3	2391.4	2063.4
4162.1	3866.1	3490.5	3105.7	2764.6	2419.3	2063.4
4361.9	4027.3	3604.7	3171.5	2810.6	2438.2	2065.0
4517.2	4140.7	3678.7	3218.4	2846.8	2452.2	2072.4
4629.8	4214.7	3728.0	3247.1	2873.1	2471.9	2088.9
4708.8	4263.2	3755.2	3272.6	2905.2	2506.5	2134.9
4746.6	4352.8	3800.4	3323.6	2960.2	2579.6	2227.0
4717.8	4491.7	3929.4	3409.9	3036.7	2693.9	2374.1
4705.5	4517.2	3964.8	3428.8	3054.0	2718.6	2425.1
4609.3	4542.7	4110.3	3524.2	3136.2	2827.9	2567.3
4310.9	4442.4	4232.8	3685.3	3312.9	3093.4	2832.8
3924.5	4293.6	4210.6	3705.8	3425.5	3311.3	3000.5
3461.7	3844.0	3766.7	3432.1	3301.4	3313.7	2956.9
2724.3	3011.2	2960.2	2842.7	2869.0	2959.4	2532.8
2182.6	2143.9	2026.4	2034.6	2186.7	2292.7	1823.3
1783.0	1443.5	1290.6	1294.7	1560.3	1670.4	1161.6
1696.7	1365.4	1112.2	971.7	1135.3	1093.3	606.7
1208.4	1210.9	1004.6	816.3	790.8	672.4	378.1
286.1	229.4	163.6	121.7	128.2	84.7	42.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)