

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: P181138

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181138
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
Description: ICON SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (63) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7513 lumens
Efficiency: N/A
Efficacy: 99.9 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 - G3

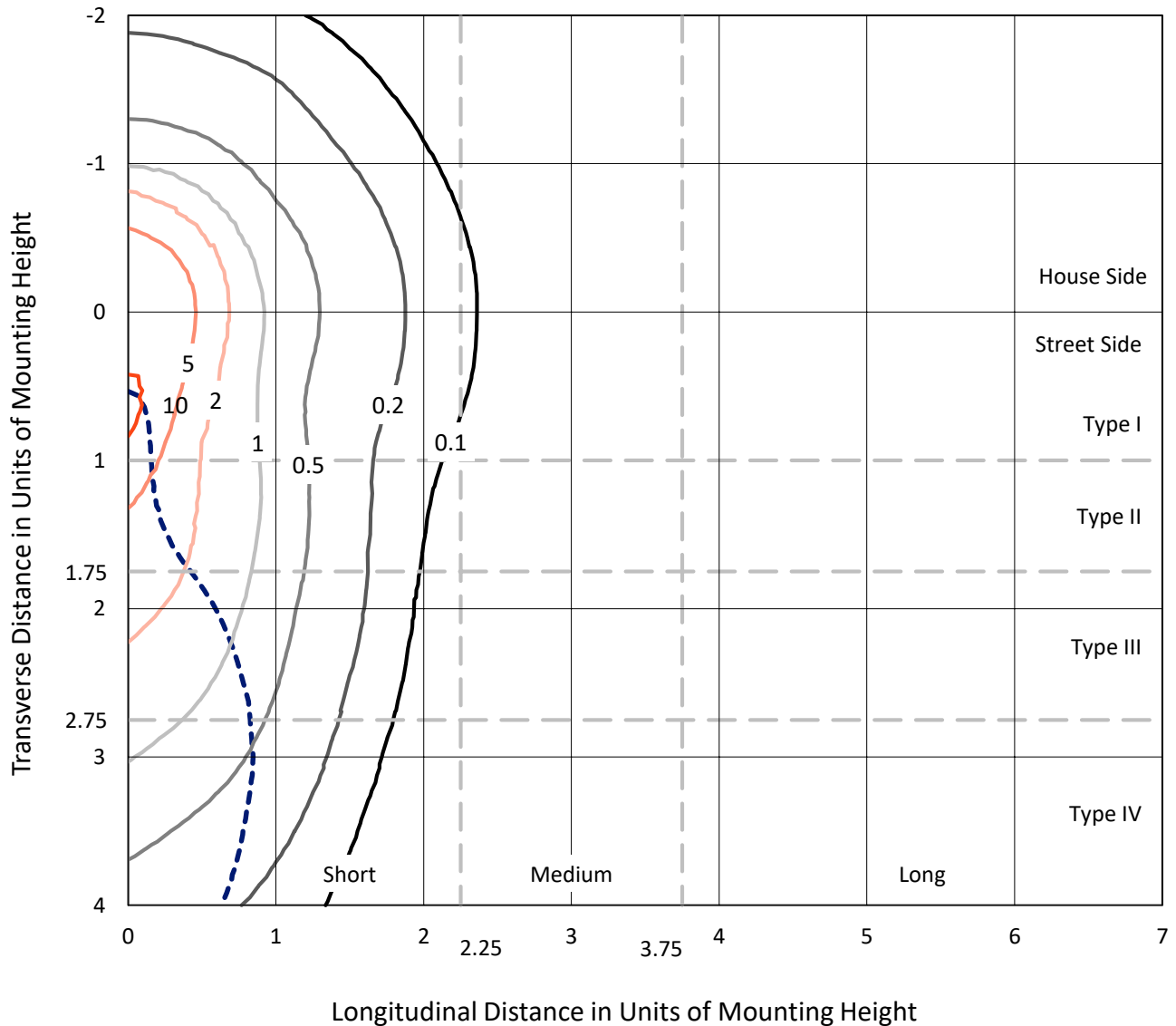
Input Watts (W): 75.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

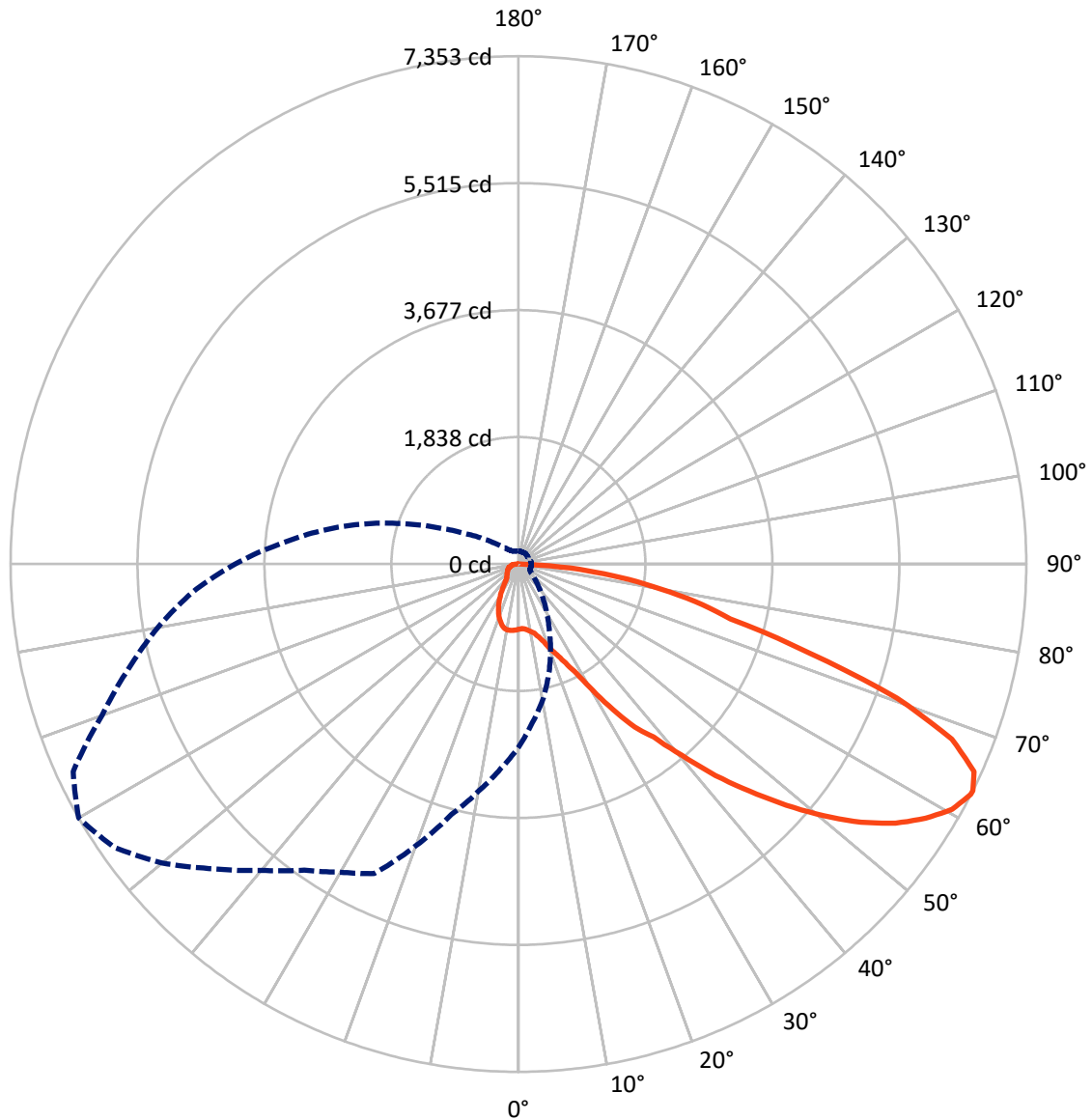
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.8 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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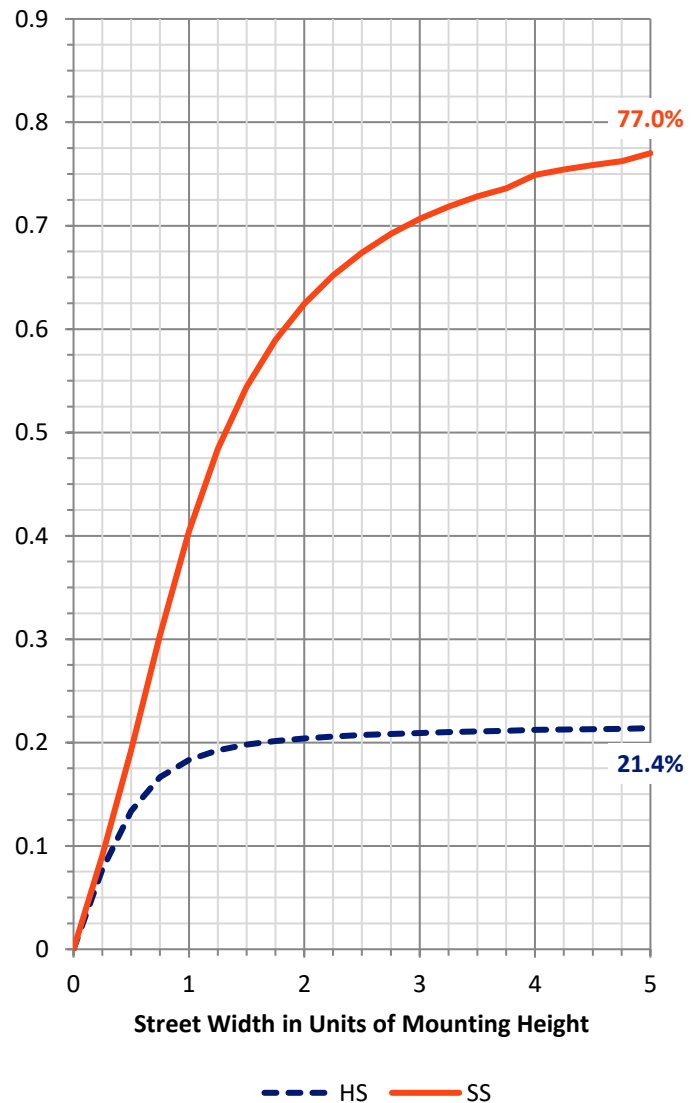
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1629.2	0.0	1629.2
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	5883.9	0.0	5883.9
	% Fixture	78.3	0.0	78.3
Total	Lumens	7513.0	0.0	7513.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.9	1.2
10°-20°	286.2	3.8
20°-30°	508.5	6.8
30°-40°	800.8	10.7
40°-50°	1178.5	15.7
50°-60°	1565.4	20.8
60°-70°	1724.3	23.0
70°-80°	1081.8	14.4
80°-90°	275.5	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°	7513.0	100.0
0°-180°	7513.0	100.0

Coefficient of Utilization



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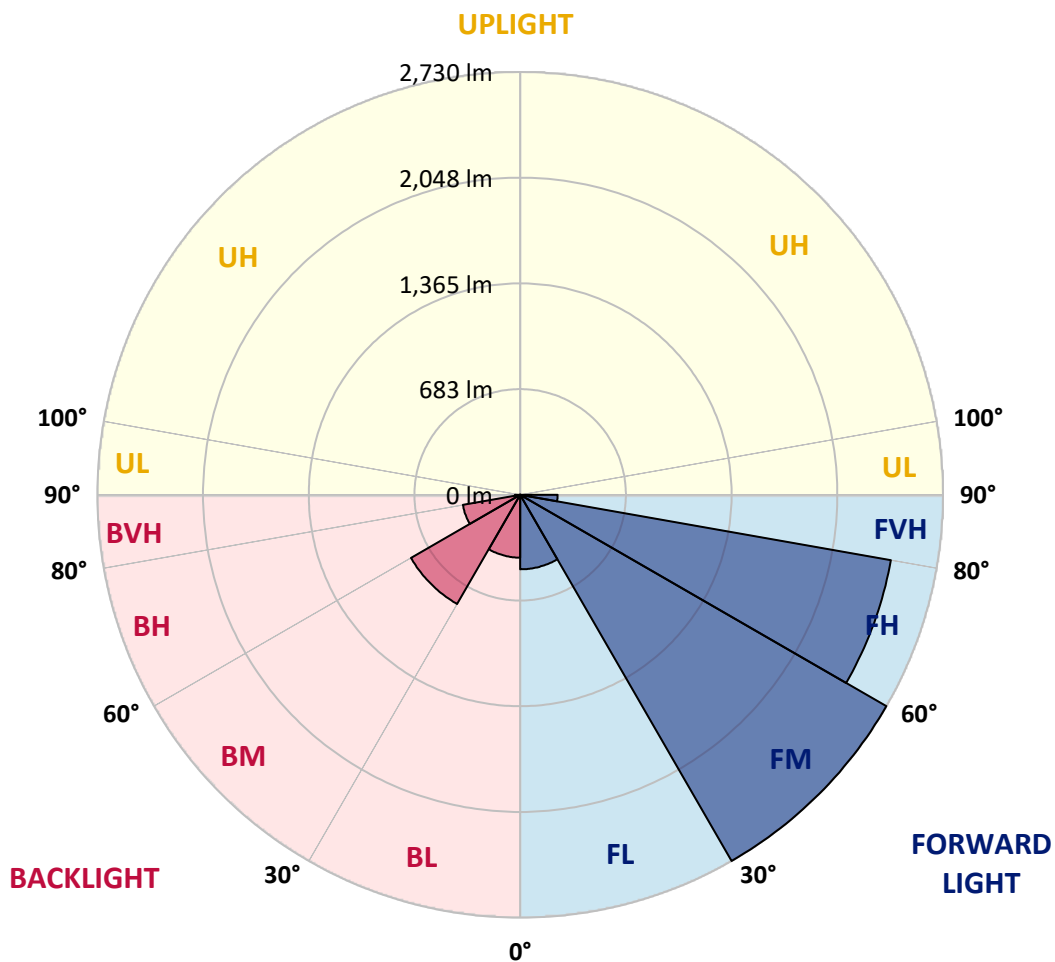
CATALOG NUMBER: ICS-E03-LED-E1-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	481.1	6.4			
FM (30°-60°)	2730.4	36.3			
FH (60°-80°)	2430.6	32.4			G2/5000
FVH (80°-90°)	241.8	3.2			G3/500
BL (0°-30°)	405.6	5.4	B1/500		
BM (30°-60°)	814.3	10.8	B1/1000		
BH (60°-80°)	375.5	5.0	B1/500		G1/500
BVH (80°-90°)	33.7	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-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2
2.5°	931.6	934.3	933.4	933.4	935.2	934.3	934.3	935.2	935.2	937.9	941.5
5°	924.4	923.5	921.7	923.5	923.5	923.5	919.9	922.6	923.5	925.3	925.3
7.5°	933.4	930.7	927.1	928.0	928.0	926.2	923.5	924.4	923.5	923.5	922.6
10°	945.1	938.8	934.3	934.3	934.3	932.5	928.0	930.7	930.7	929.8	930.7
12.5°	965.8	958.6	953.2	951.4	951.4	948.7	945.1	948.7	946.9	946.9	945.1
15°	1000.0	991.9	985.6	980.2	981.1	981.1	976.6	973.9	970.3	965.8	956.8
17.5°	1051.3	1042.3	1034.2	1029.7	1030.6	1024.3	1011.7	999.1	982.0	964.9	946.0
20°	1124.2	1121.5	1110.7	1106.2	1095.4	1080.1	1045.0	1015.3	982.0	949.6	917.1
22.5°	1250.2	1237.6	1226.8	1209.7	1173.7	1131.4	1072.9	1020.7	968.5	922.6	879.3
25°	1419.4	1396.9	1343.8	1291.6	1217.8	1142.2	1063.0	995.5	930.7	870.3	817.2
27.5°	1585.9	1517.5	1423.0	1328.5	1220.5	1121.5	1022.5	942.4	866.7	801.0	742.5
30°	1787.5	1672.3	1527.4	1378.0	1225.0	1091.8	973.0	879.3	792.0	722.7	661.5
32.5°	1976.5	1810.0	1620.1	1423.9	1234.9	1063.9	916.2	810.0	720.0	632.7	572.4
35°	2106.1	1890.1	1659.7	1428.4	1210.6	1010.8	845.1	720.0	630.0	549.0	477.9
37.5°	2183.5	1925.2	1661.5	1396.0	1153.9	938.8	755.1	630.9	548.1	470.7	414.9
40°	2232.1	1933.3	1638.1	1349.2	1081.9	847.8	665.1	553.5	477.9	415.8	372.6
42.5°	2255.5	1920.7	1600.3	1289.8	1009.0	766.8	602.1	496.8	431.1	387.0	354.6
45°	2259.1	1898.2	1559.8	1235.8	944.2	708.3	558.9	473.4	419.4	382.5	350.1
47.5°	2259.1	1878.4	1527.4	1196.2	901.8	683.1	555.3	483.3	430.2	388.8	350.1
50°	2260.9	1872.1	1513.9	1176.4	887.4	696.6	585.9	513.9	453.6	399.6	349.2
52.5°	2269.0	1880.2	1524.7	1191.7	913.5	750.6	643.5	559.8	484.2	412.2	349.2
55°	2287.0	1907.2	1570.6	1244.8	983.8	832.5	712.8	609.3	508.5	417.6	343.8
57.5°	2337.4	1975.6	1654.3	1347.4	1103.5	927.1	775.8	644.4	517.5	413.1	333.0
60°	2438.2	2111.5	1797.4	1491.4	1230.4	1008.1	812.7	649.8	509.4	398.7	315.9
62.5°	2599.3	2267.2	1971.1	1648.0	1342.9	1053.1	817.2	636.3	487.8	372.6	290.7
63°	2655.1	2305.9	2008.0	1677.7	1357.3	1056.7	813.6	630.9	482.4	365.4	287.1
65°	2810.9	2468.8	2135.8	1782.1	1397.8	1057.6	793.8	603.9	457.2	337.5	261.9
67.5°	3101.6	2683.0	2296.9	1864.0	1412.2	1028.8	743.4	553.5	404.1	294.3	230.4
70°	3285.2	2802.8	2359.0	1865.8	1369.9	946.9	656.1	471.6	336.6	243.9	198.0
72.5°	3237.5	2684.8	2195.2	1697.5	1187.2	791.1	527.4	370.8	262.8	195.3	164.7
75°	2773.1	2234.8	1791.1	1315.0	897.3	581.4	386.1	264.6	194.4	153.0	137.7
77.5°	1996.3	1608.4	1284.4	937.0	604.8	376.2	256.5	189.0	147.6	126.0	113.4
80°	1271.8	943.3	785.7	563.4	353.7	233.1	176.4	143.1	121.5	105.3	97.2
82.5°	664.2	465.3	378.0	288.0	196.2	153.9	129.6	117.0	99.9	87.3	82.8
85°	414.0	274.5	203.4	142.2	98.1	88.2	81.0	79.2	71.1	63.0	60.3
87.5°	46.8	42.3	44.1	27.9	20.7	22.5	21.6	28.8	27.9	20.7	21.6
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2
2.5°	937.9	939.7	939.7	942.4	942.4	944.2	946.0	946.0	947.8	948.7	950.5
5°	927.1	927.1	927.1	930.7	931.6	937.0	938.8	940.6	942.4	948.7	952.3
7.5°	924.4	920.8	922.6	922.6	925.3	929.8	934.3	937.0	939.7	947.8	953.2
10°	929.8	927.1	924.4	924.4	925.3	927.1	930.7	933.4	935.2	943.3	947.8
12.5°	944.2	937.9	932.5	928.0	924.4	923.5	921.7	922.6	924.4	928.9	935.2
15°	946.9	935.2	923.5	911.7	902.7	897.3	892.8	891.0	891.0	893.7	900.9
17.5°	928.9	909.0	891.9	876.6	866.7	856.8	852.3	848.7	846.9	850.5	851.4
20°	890.1	866.7	843.3	825.3	807.3	804.6	797.4	799.2	801.0	806.4	809.1
22.5°	837.0	809.1	780.3	761.4	747.0	734.4	726.3	729.9	732.6	738.0	740.7
25°	772.2	731.7	701.1	682.2	666.9	656.1	647.1	650.7	647.1	653.4	663.3
27.5°	695.7	648.0	615.6	594.0	583.2	574.2	565.2	565.2	574.2	574.2	582.3
30°	603.0	567.9	525.6	503.1	489.6	484.2	483.3	481.5	487.8	491.4	500.4
32.5°	515.7	472.5	432.0	410.4	398.7	392.4	393.3	394.2	396.9	402.3	416.7
35°	427.5	389.7	360.9	336.6	324.9	313.2	313.2	311.4	314.1	320.4	337.5
37.5°	370.8	337.5	315.0	296.1	284.4	277.2	270.9	268.2	268.2	270.9	277.2
40°	339.3	315.0	294.3	278.1	267.3	261.0	257.4	254.7	252.9	252.9	253.8
42.5°	324.9	299.7	279.0	264.6	256.5	252.9	252.0	251.1	248.4	247.5	246.6
45°	317.7	288.9	265.5	253.8	247.5	245.7	246.6	246.6	245.7	243.9	240.3
47.5°	312.3	279.0	255.6	244.8	242.1	242.1	242.1	242.1	241.2	240.3	237.6
50°	303.3	263.7	238.5	230.4	228.6	228.6	229.5	229.5	231.3	229.5	227.7
52.5°	293.4	249.3	224.1	216.9	216.0	215.1	215.1	215.1	216.0	216.0	215.1
55°	282.6	238.5	216.9	211.5	212.4	211.5	210.6	209.7	209.7	208.8	207.0
57.5°	271.8	229.5	211.5	207.9	208.8	208.8	207.0	205.2	204.3	201.6	199.8
60°	255.6	216.9	200.7	198.9	201.6	201.6	201.6	200.7	200.7	199.8	195.3
62.5°	234.0	198.9	186.3	187.2	188.1	189.9	189.9	189.9	189.9	188.1	183.6
63°	229.5	195.3	183.6	183.6	186.3	186.3	187.2	186.3	187.2	185.4	180.0
65°	211.5	183.6	174.6	175.5	177.3	177.3	177.3	176.4	176.4	173.7	171.0
67.5°	190.8	169.2	163.8	164.7	165.6	167.4	166.5	166.5	167.4	165.6	162.9
70°	167.4	153.9	150.3	151.2	152.1	152.1	151.2	151.2	152.1	150.3	147.6
72.5°	149.4	144.0	141.3	141.3	139.5	139.5	137.7	136.8	135.9	135.9	133.2
75°	126.0	125.1	126.0	127.8	126.0	124.2	123.3	120.6	118.8	118.8	117.9
77.5°	108.0	108.0	109.8	112.5	113.4	113.4	110.7	106.2	105.3	105.3	105.3
80°	93.6	91.8	91.8	94.5	97.2	96.3	91.8	87.3	87.3	91.8	92.7
82.5°	81.9	81.9	79.2	80.1	79.2	78.3	73.8	71.1	70.2	73.8	77.4
85°	64.8	65.7	64.8	63.9	63.0	60.3	56.7	54.0	53.1	56.7	62.1
87.5°	26.1	25.2	24.3	25.2	24.3	26.1	25.2	23.4	22.5	25.2	30.6
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2
2.5°	951.4	953.2	955.0	955.0	956.8	955.9	956.8	957.7	957.7	958.6	958.6
5°	956.8	959.5	963.1	966.7	967.6	970.3	973.0	971.2	973.9	977.5	977.5
7.5°	958.6	964.9	967.6	973.0	973.9	977.5	983.8	979.3	984.7	987.4	988.3
10°	955.9	962.2	966.7	973.0	975.7	982.0	988.3	986.5	992.8	997.3	998.2
12.5°	939.7	946.0	955.9	964.9	972.1	982.0	993.7	990.1	999.1	1004.5	1007.2
15°	908.1	914.4	925.3	939.7	953.2	968.5	983.8	986.5	995.5	1001.8	1004.5
17.5°	858.6	866.7	878.4	893.7	910.8	937.0	956.8	966.7	979.3	982.9	987.4
20°	812.7	820.8	828.0	837.0	849.6	874.8	900.9	920.8	937.0	950.5	954.1
22.5°	751.5	758.7	767.7	774.9	783.9	801.9	823.5	846.0	871.2	879.3	888.3
25°	677.7	682.2	694.8	699.3	705.6	720.9	738.0	754.2	778.5	795.6	800.1
27.5°	598.5	603.0	614.7	617.4	625.5	639.9	652.5	658.8	681.3	699.3	713.7
30°	506.7	518.4	532.8	534.6	543.6	552.6	564.3	570.6	591.3	610.2	628.2
32.5°	427.5	439.2	450.9	458.1	462.6	469.8	481.5	487.8	507.6	524.7	542.7
35°	346.5	360.9	373.5	383.4	387.0	396.0	405.0	411.3	432.0	447.3	459.9
37.5°	285.3	296.1	309.6	319.5	329.4	335.7	346.5	355.5	368.1	376.2	389.7
40°	255.6	261.0	268.2	276.3	284.4	291.6	299.7	306.9	315.0	325.8	334.8
42.5°	245.7	246.6	246.6	249.3	253.8	257.4	264.6	270.0	275.4	283.5	288.0
45°	238.5	237.6	235.8	234.0	234.9	236.7	241.2	244.8	251.1	254.7	255.6
47.5°	234.9	231.3	227.7	225.0	224.1	225.0	228.6	232.2	235.8	238.5	239.4
50°	223.2	220.5	215.1	211.5	209.7	211.5	216.0	217.8	221.4	224.1	225.0
52.5°	211.5	207.9	204.3	200.7	200.7	201.6	205.2	208.8	212.4	213.3	215.1
55°	204.3	198.9	195.3	192.6	190.8	193.5	196.2	200.7	205.2	206.1	207.9
57.5°	197.1	191.7	188.1	185.4	183.6	186.3	189.0	195.3	200.7	200.7	200.7
60°	192.6	188.1	182.7	180.0	177.3	180.0	183.6	189.9	195.3	194.4	193.5
62.5°	180.0	175.5	172.8	172.8	170.1	174.6	178.2	185.4	186.3	184.5	182.7
63°	176.4	172.8	171.0	171.0	169.2	173.7	177.3	183.6	183.6	181.8	180.0
65°	167.4	164.7	162.9	164.7	164.7	169.2	170.1	174.6	173.7	171.0	170.1
67.5°	160.2	158.4	156.6	156.6	156.6	157.5	158.4	160.2	159.3	158.4	159.3
70°	148.5	147.6	145.8	145.8	144.9	144.9	144.9	145.8	145.8	146.7	147.6
72.5°	134.1	132.3	132.3	133.2	131.4	132.3	133.2	132.3	134.1	134.1	135.0
75°	117.9	117.0	118.8	120.6	119.7	119.7	120.6	120.6	121.5	121.5	122.4
77.5°	105.3	106.2	107.1	108.9	109.8	109.8	109.8	108.9	109.8	109.8	110.7
80°	93.6	95.4	97.2	99.0	99.9	99.9	99.9	99.0	99.0	99.0	99.0
82.5°	84.6	87.3	89.1	90.0	90.0	90.0	90.0	90.0	90.0	88.2	86.4
85°	71.1	76.5	76.5	77.4	74.7	72.9	71.1	72.0	72.9	69.3	68.4
87.5°	36.0	36.0	37.8	39.6	40.5	40.5	45.9	43.2	42.3	41.4	39.6
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°	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2
2.5°	959.5	958.6	960.4	958.6	959.5	960.4	958.6	961.3	963.1	960.4	957.7
5°	979.3	979.3	983.8	985.6	986.5	991.9	989.2	991.0	992.8	991.9	992.8
7.5°	991.9	995.5	1000.0	1004.5	1005.4	1009.9	1009.0	1011.7	1013.5	1018.0	1018.0
10°	1002.7	1007.2	1013.5	1018.0	1022.5	1026.1	1027.9	1033.3	1034.2	1037.8	1037.8
12.5°	1012.6	1018.0	1024.3	1031.5	1036.0	1043.2	1044.1	1052.2	1054.9	1055.8	1053.1
15°	1010.8	1017.1	1024.3	1032.4	1040.5	1049.5	1054.9	1063.0	1067.5	1069.3	1064.8
17.5°	993.7	999.1	1008.1	1018.9	1028.8	1040.5	1050.4	1062.1	1069.3	1071.1	1070.2
20°	960.4	964.0	975.7	990.1	1001.8	1019.8	1034.2	1052.2	1063.9	1072.9	1075.6
22.5°	894.6	903.6	915.3	931.6	948.7	971.2	991.9	1018.0	1043.2	1064.8	1086.4
25°	815.4	831.6	849.6	871.2	891.9	915.3	938.8	968.5	1005.4	1050.4	1101.7
27.5°	735.3	763.2	785.7	813.6	837.9	861.3	887.4	919.9	960.4	1014.4	1080.1
30°	654.3	685.8	710.1	742.5	774.9	806.4	832.5	866.7	906.3	961.3	1033.3
32.5°	567.9	599.4	628.2	657.9	693.9	731.7	763.2	805.5	847.8	904.5	977.5
35°	478.8	506.7	531.0	562.5	602.1	642.6	684.0	732.6	778.5	837.9	915.3
37.5°	401.4	421.2	444.6	472.5	503.1	546.3	593.1	650.7	702.9	767.7	846.9
40°	337.5	348.3	361.8	385.2	413.1	455.4	501.3	562.5	625.5	696.6	773.1
42.5°	288.0	293.4	297.0	312.3	334.8	376.2	420.3	479.7	549.0	626.4	703.8
45°	255.6	258.3	259.2	267.3	283.5	319.5	365.4	415.8	482.4	558.0	639.0
47.5°	240.3	243.0	244.8	246.6	256.5	284.4	325.8	373.5	434.7	504.0	586.8
50°	227.7	230.4	233.1	232.2	236.7	254.7	289.8	333.9	391.5	455.4	537.3
52.5°	215.1	216.9	216.9	216.9	219.6	231.3	256.5	297.0	350.1	410.4	491.4
55°	207.9	209.7	210.6	211.5	212.4	218.7	237.6	270.0	315.9	371.7	444.6
57.5°	200.7	201.6	203.4	204.3	206.1	209.7	221.4	244.8	283.5	330.3	391.5
60°	194.4	196.2	199.8	200.7	202.5	203.4	208.8	223.2	248.4	284.4	333.9
62.5°	184.5	187.2	190.8	191.7	193.5	194.4	195.3	203.4	215.1	236.7	273.6
63°	181.8	184.5	189.0	189.9	190.8	190.8	191.7	197.1	207.9	226.8	253.8
65°	171.9	175.5	178.2	179.1	180.0	180.0	179.1	180.9	181.8	189.9	206.1
67.5°	161.1	163.8	165.6	166.5	165.6	166.5	165.6	163.8	162.0	163.8	171.0
70°	150.3	152.1	152.1	153.0	153.9	154.8	153.0	151.2	149.4	148.5	153.0
72.5°	137.7	139.5	139.5	140.4	140.4	142.2	142.2	141.3	141.3	142.2	143.1
75°	125.1	126.9	126.0	127.8	127.8	130.5	130.5	131.4	133.2	132.3	131.4
77.5°	113.4	114.3	114.3	115.2	116.1	120.6	123.3	124.2	124.2	122.4	120.6
80°	100.8	100.8	99.0	98.1	99.0	103.5	108.9	109.8	112.5	111.6	112.5
82.5°	84.6	81.0	78.3	78.3	80.1	82.8	84.6	86.4	88.2	88.2	90.0
85°	64.8	61.2	58.5	59.4	62.1	63.0	62.1	62.1	65.7	68.4	65.7
87.5°	38.7	35.1	33.3	30.6	31.5	34.2	33.3	30.6	31.5	25.2	23.4
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°	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2
2.5°	959.5	958.6	956.8	954.1	953.2	951.4	952.3	949.6	947.8	946.0	943.3
5°	992.8	992.8	987.4	987.4	984.7	983.8	977.5	974.8	969.4	971.2	964.9
7.5°	1016.2	1018.9	1012.6	1011.7	1008.1	1007.2	999.1	996.4	991.9	990.1	984.7
10°	1033.3	1033.3	1025.2	1018.9	1014.4	1009.9	1001.8	998.2	994.6	995.5	991.9
12.5°	1046.8	1040.5	1028.8	1019.8	1013.5	1009.0	1002.7	1000.0	999.1	1005.4	1006.3
15°	1057.6	1048.6	1034.2	1027.9	1022.5	1021.6	1021.6	1024.3	1030.6	1042.3	1051.3
17.5°	1063.9	1058.5	1051.3	1049.5	1058.5	1063.9	1071.1	1079.2	1088.2	1104.4	1114.3
20°	1075.6	1079.2	1084.6	1091.8	1106.2	1119.7	1128.7	1140.4	1151.2	1171.0	1187.2
22.5°	1106.2	1126.9	1144.0	1158.4	1180.0	1198.9	1210.6	1226.8	1234.9	1248.4	1273.6
25°	1145.8	1188.1	1224.1	1254.7	1288.0	1307.8	1324.0	1344.7	1357.3	1379.8	1402.3
27.5°	1134.1	1194.4	1248.4	1305.1	1351.0	1402.3	1438.3	1472.5	1494.1	1527.4	1557.1
30°	1098.1	1170.1	1243.0	1317.7	1390.6	1464.4	1532.8	1594.9	1642.6	1690.3	1738.9
32.5°	1049.5	1132.3	1221.4	1313.2	1408.6	1511.2	1605.7	1699.3	1778.5	1847.8	1915.3
35°	993.7	1087.3	1180.0	1293.4	1411.3	1541.8	1673.2	1802.8	1923.4	2045.8	2128.6
37.5°	927.1	1022.5	1126.0	1256.5	1395.1	1556.2	1723.6	1892.8	2063.8	2228.5	2371.6
40°	855.9	953.2	1062.1	1203.4	1360.0	1547.2	1756.0	1983.7	2218.6	2457.1	2647.0
42.5°	792.9	892.8	1011.7	1154.8	1324.9	1535.5	1782.1	2062.0	2349.1	2644.3	2923.4
45°	731.7	841.5	966.7	1120.6	1309.6	1544.5	1820.8	2134.9	2466.1	2824.4	3164.6
47.5°	676.8	788.4	909.9	1078.3	1287.1	1549.0	1858.6	2207.8	2576.8	2964.8	3368.9
50°	627.3	735.3	855.0	1024.3	1252.0	1546.3	1892.8	2273.5	2672.2	3075.5	3526.4
52.5°	578.7	688.5	810.9	972.1	1208.8	1531.0	1909.0	2327.5	2760.5	3187.1	3653.3
55°	531.0	639.0	762.3	922.6	1152.1	1491.4	1907.2	2362.6	2830.7	3292.4	3775.7
57.5°	475.2	577.8	698.4	867.6	1091.8	1430.2	1880.2	2378.8	2891.0	3396.8	3922.4
60°	405.9	502.2	618.3	787.5	1012.6	1351.9	1823.5	2369.8	2926.1	3474.2	4047.5
62.5°	320.4	404.1	510.3	675.9	913.5	1239.4	1717.3	2287.9	2870.3	3463.4	4106.0
63°	302.4	381.6	485.1	648.9	871.2	1208.8	1685.8	2255.5	2843.3	3440.9	4097.9
65°	243.0	294.3	377.1	523.8	729.0	1058.5	1529.2	2089.0	2698.3	3282.5	3980.9
67.5°	186.3	212.4	256.5	359.1	515.7	832.5	1238.5	1770.4	2341.9	2891.0	3603.8
70°	159.3	171.0	189.9	238.5	327.6	525.6	869.4	1320.4	1815.4	2291.5	2932.4
72.5°	144.9	150.3	160.2	180.9	225.0	315.0	554.4	859.5	1234.9	1633.6	2128.6
75°	133.2	137.7	145.8	156.6	172.8	209.7	315.9	525.6	802.8	1072.9	1436.5
77.5°	121.5	124.2	133.2	143.1	153.9	172.8	208.8	302.4	461.7	632.7	865.8
80°	111.6	109.8	116.1	132.3	143.1	153.9	164.7	196.2	262.8	346.5	468.0
82.5°	89.1	90.9	96.3	112.5	117.0	114.3	116.1	121.5	146.7	160.2	239.4
85°	60.3	55.8	54.9	56.7	56.7	54.0	54.0	53.1	58.5	66.6	114.3
87.5°	16.2	8.1	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°	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	0°
2.5°	941.5	940.6	941.5	937.0	937.0	936.1	935.2	933.4	933.4	929.8	932.5	2.5°
5°	959.5	957.7	954.1	948.7	946.0	942.4	942.4	938.8	936.1	932.5	933.4	5°
7.5°	980.2	981.1	974.8	970.3	968.5	964.9	965.8	960.4	961.3	958.6	956.8	7.5°
10°	991.9	991.9	993.7	992.8	994.6	994.6	997.3	993.7	991.9	989.2	989.2	10°
12.5°	1010.8	1014.4	1021.6	1021.6	1027.0	1028.8	1029.7	1031.5	1027.9	1026.1	1019.8	12.5°
15°	1057.6	1066.6	1072.9	1081.9	1092.7	1096.3	1096.3	1092.7	1090.9	1088.2	1076.5	15°
17.5°	1135.0	1154.8	1160.2	1174.6	1176.4	1180.9	1193.5	1186.3	1181.8	1162.9	1159.3	17.5°
20°	1214.2	1239.4	1264.6	1282.6	1291.6	1309.6	1312.3	1308.7	1290.7	1272.7	1264.6	20°
22.5°	1309.6	1347.4	1376.2	1404.1	1417.6	1426.6	1446.4	1441.9	1427.5	1400.5	1389.7	22.5°
25°	1444.6	1491.4	1522.0	1556.2	1574.2	1583.2	1603.0	1603.0	1587.7	1579.6	1578.7	25°
27.5°	1614.7	1672.3	1722.7	1734.4	1781.2	1792.0	1810.9	1810.9	1796.5	1786.6	1834.3	27.5°
30°	1803.7	1864.0	1951.3	2009.8	2066.5	2122.3	2121.4	2125.0	2142.1	2151.1	2171.8	30°
32.5°	1992.7	2067.4	2160.1	2287.0	2408.5	2512.0	2646.1	2731.6	2705.5	2632.6	2603.8	32.5°
35°	2222.2	2305.0	2417.5	2545.3	2767.7	2901.8	2966.6	3012.5	3017.9	3027.8	3048.5	35°
37.5°	2477.8	2616.4	2746.9	2891.9	3015.2	3178.1	3328.4	3449.0	3476.9	3533.6	3501.2	37.5°
40°	2801.0	2955.8	3092.6	3279.8	3445.4	3641.6	3856.7	4022.3	4088.9	4067.3	3905.3	40°
42.5°	3139.4	3331.1	3491.3	3711.8	3926.9	4186.1	4408.4	4639.8	4681.2	4514.6	4272.5	42.5°
45°	3450.8	3688.4	3887.3	4116.8	4379.6	4690.2	4987.2	5224.8	5216.7	4931.4	4607.4	45°
47.5°	3730.7	4022.3	4265.3	4564.1	4846.8	5216.7	5557.8	5733.3	5629.8	5292.3	4895.4	47.5°
50°	3962.0	4325.6	4625.4	4927.8	5286.9	5732.4	6060.9	6159.9	5960.1	5592.9	5175.3	50°
52.5°	4148.3	4604.7	4941.3	5289.6	5743.2	6212.1	6494.8	6457.9	6199.5	5822.4	5406.6	52.5°
55°	4305.8	4818.0	5219.4	5630.7	6193.2	6625.3	6813.4	6714.4	6353.4	5970.9	5565.0	55°
57.5°	4468.7	5025.0	5475.0	5952.0	6578.5	6949.3	7053.7	6850.3	6426.3	6027.6	5633.4	57.5°
60°	4631.7	5197.8	5700.9	6232.8	6870.1	7213.9	7185.1	6880.9	6404.7	5986.2	5587.5	60°
62.5°	4741.5	5300.4	5832.3	6405.6	7088.8	7348.9	7172.5	6772.0	6279.6	5823.3	5450.7	62.5°
63°	4744.2	5304.0	5840.4	6417.3	7113.1	7353.4	7148.2	6733.3	6240.0	5790.0	5410.2	63°
65°	4687.5	5236.5	5768.4	6364.2	7092.4	7249.9	6938.5	6504.7	6014.1	5559.6	5199.6	65°
67.5°	4397.6	4957.5	5427.3	5988.9	6721.6	6766.6	6376.8	6026.7	5585.7	5115.0	4738.8	67.5°
70°	3813.5	4278.8	4739.7	5208.6	5823.3	5815.2	5448.9	5270.7	4884.6	4348.1	4046.6	70°
72.5°	3033.2	3450.8	3774.8	4088.9	4493.9	4412.0	4176.2	4225.7	3975.5	3575.0	3395.9	72.5°
75°	2251.9	2710.9	2869.4	2997.2	3168.2	3169.1	3233.9	3374.3	3370.7	3148.4	2922.5	75°
77.5°	1477.0	1979.2	2032.3	2134.9	2340.1	2619.1	2907.2	3216.8	3294.2	3118.7	2784.8	77.5°
80°	823.5	1345.6	1284.4	1372.6	1594.0	1972.9	2397.7	2739.7	2941.4	2843.3	2489.5	80°
82.5°	421.2	775.8	741.6	864.0	1043.2	1372.6	1653.4	1916.2	2153.8	2140.3	2006.2	82.5°
85°	218.7	424.8	483.3	547.2	637.2	755.1	861.3	937.9	1036.9	1211.5	1270.9	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.9	0.0	64.8	46.8	128.7	183.6	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°
944.2	944.2	944.2	944.2	944.2	944.2	944.2
933.4	934.3	932.5	932.5	933.4	933.4	931.6
931.6	931.6	929.8	928.0	926.2	926.2	924.4
952.3	952.3	946.0	943.3	938.8	935.2	933.4
982.9	977.5	970.3	964.9	957.7	949.6	945.1
1013.5	1005.4	996.4	988.3	979.3	970.3	965.8
1063.9	1053.1	1041.4	1031.5	1018.9	1005.4	1000.0
1141.3	1124.2	1108.9	1094.5	1072.0	1062.1	1051.3
1243.9	1218.7	1198.9	1174.6	1146.7	1137.7	1124.2
1368.1	1346.5	1306.9	1288.9	1261.0	1247.5	1250.2
1557.1	1529.2	1483.3	1466.2	1463.5	1433.8	1419.4
1803.7	1805.5	1763.2	1717.3	1692.1	1645.3	1585.9
2154.7	2130.4	2080.9	2034.1	1974.7	1886.5	1787.5
2579.5	2525.5	2443.6	2356.3	2251.0	2115.1	1976.5
2994.5	2900.0	2769.5	2623.6	2471.5	2302.3	2106.1
3359.0	3212.3	3017.0	2849.6	2634.4	2422.9	2183.5
3692.0	3510.2	3258.2	3041.3	2787.5	2515.6	2232.1
4014.2	3783.8	3475.1	3181.7	2894.6	2577.7	2255.5
4321.1	4024.1	3657.8	3308.6	2972.9	2618.2	2259.1
4556.9	4232.9	3821.6	3400.4	3026.9	2648.8	2259.1
4775.7	4409.3	3946.7	3472.4	3077.3	2669.5	2260.9
4945.8	4533.5	4027.7	3523.7	3116.9	2684.8	2269.0
5069.1	4614.6	4081.7	3555.2	3145.7	2706.4	2287.0
5155.5	4667.7	4111.4	3583.1	3180.8	2744.2	2337.4
5196.9	4765.8	4160.9	3638.9	3241.1	2824.4	2438.2
5165.4	4917.9	4302.2	3733.4	3324.8	2949.5	2599.3
5151.9	4945.8	4340.9	3754.1	3343.7	2976.5	2655.1
5046.6	4973.7	4500.2	3858.5	3433.7	3096.2	2810.9
4719.9	4863.9	4634.4	4034.9	3627.2	3386.9	3101.6
4296.8	4701.0	4610.1	4057.4	3750.5	3625.4	3285.2
3790.1	4208.6	4124.0	3757.7	3614.6	3628.1	3237.5
2982.8	3296.9	3241.1	3112.4	3141.2	3240.2	2773.1
2389.6	2347.3	2218.6	2227.6	2394.1	2510.2	1996.3
1952.2	1580.5	1413.1	1417.6	1708.3	1828.9	1271.8
1857.7	1495.0	1217.8	1063.9	1243.0	1197.1	664.2
1323.1	1325.8	1099.9	893.7	865.8	736.2	414.0
313.2	251.1	179.1	133.2	140.4	92.7	46.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)