

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: P181023

Luminaire Tested: **ICS-F01-LED-E1-SLL**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181023
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-F01-LED-E1-SLL
Description: ICON SITE SMALL LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (7) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2067.4 lumens
Efficiency: N/A
Efficacy: 79.8 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G1

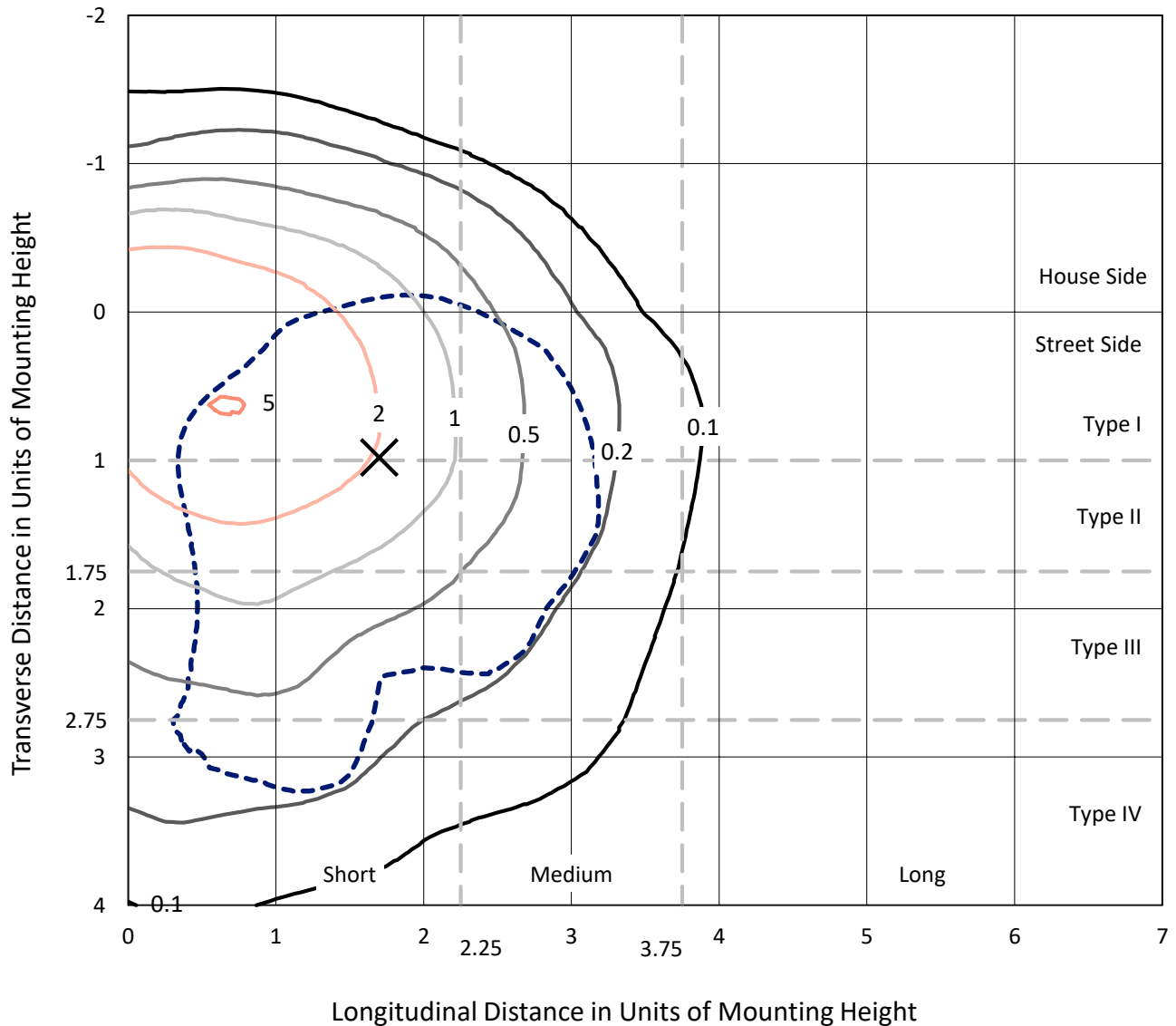
Input Watts (W): 25.9
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

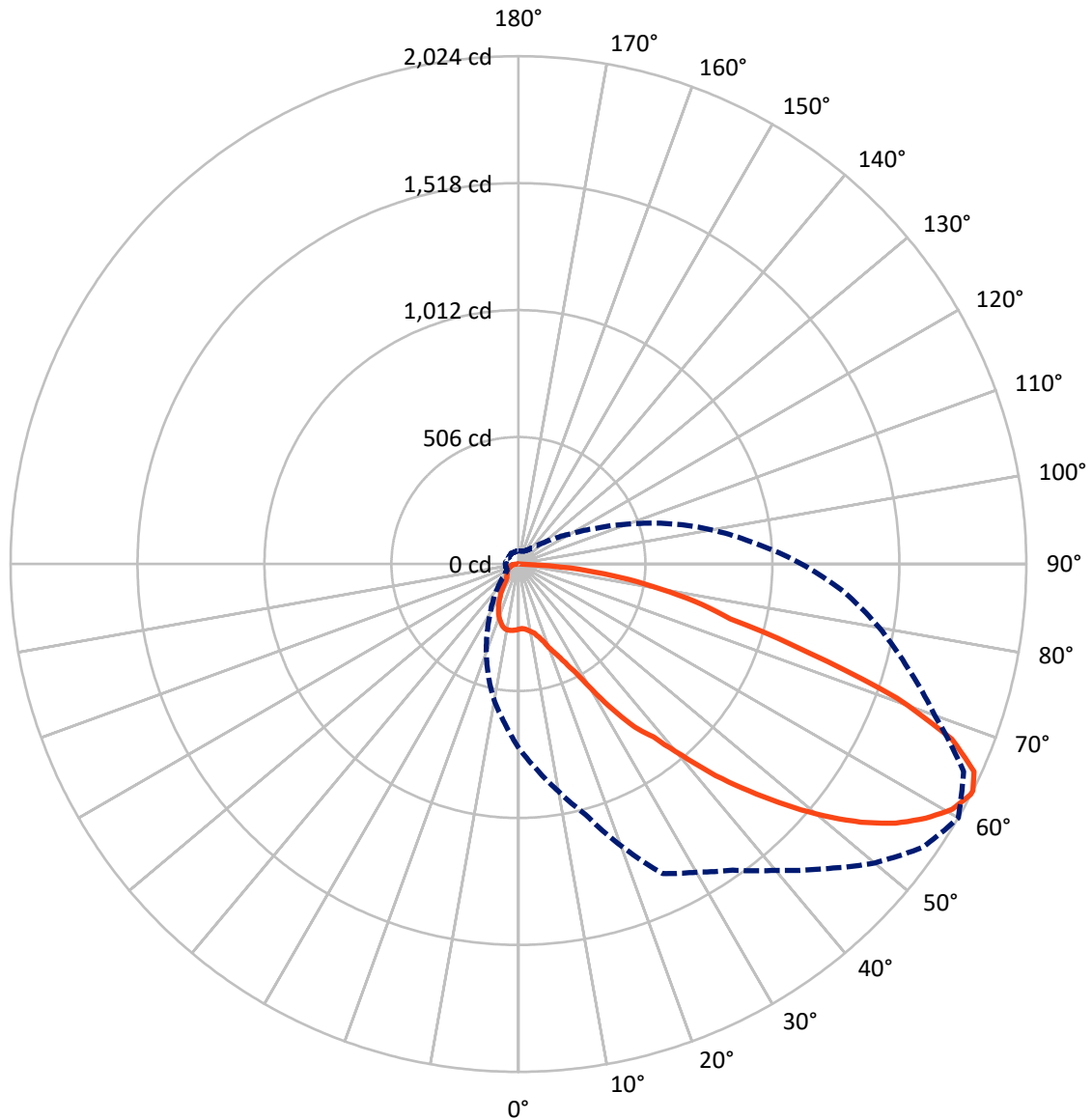
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.1 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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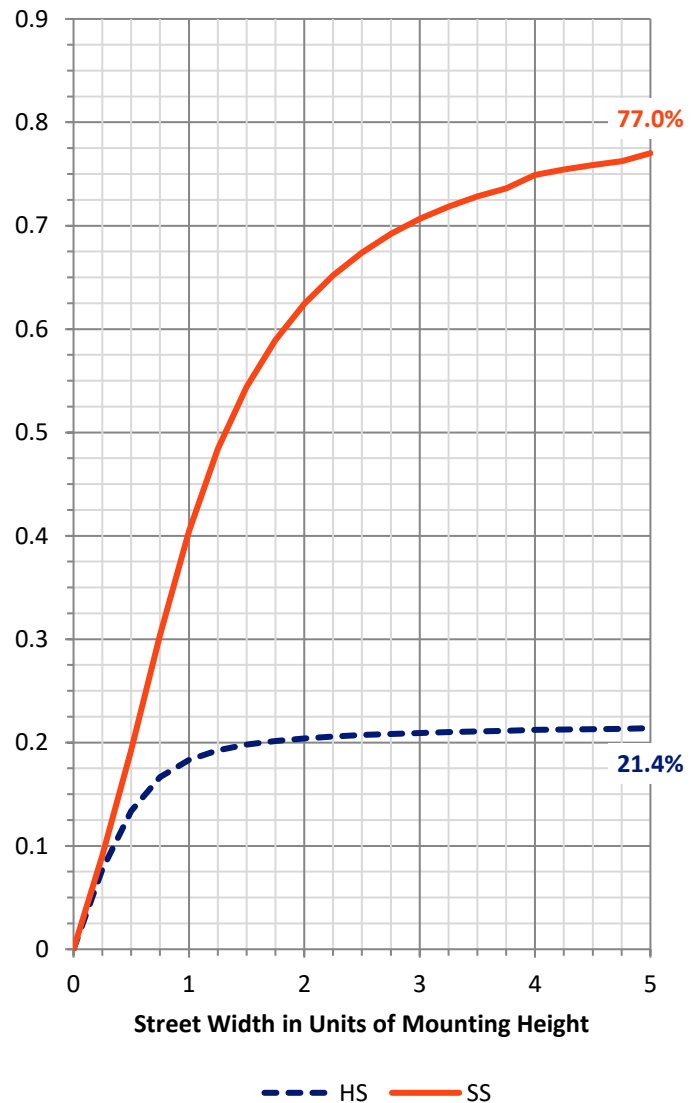
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	448.3	0.0	448.3
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	1619.1	0.0	1619.1
	% Fixture	78.3	0.0	78.3
Total	Lumens	2067.4	0.0	2067.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.3	1.2
10°-20°	78.8	3.8
20°-30°	139.9	6.8
30°-40°	220.4	10.7
40°-50°	324.3	15.7
50°-60°	430.8	20.8
60°-70°	474.5	23.0
70°-80°	297.7	14.4
80°-90°	75.8	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°	2067.4	100.0
0°-180°	2067.4	100.0

Coefficient of Utilization



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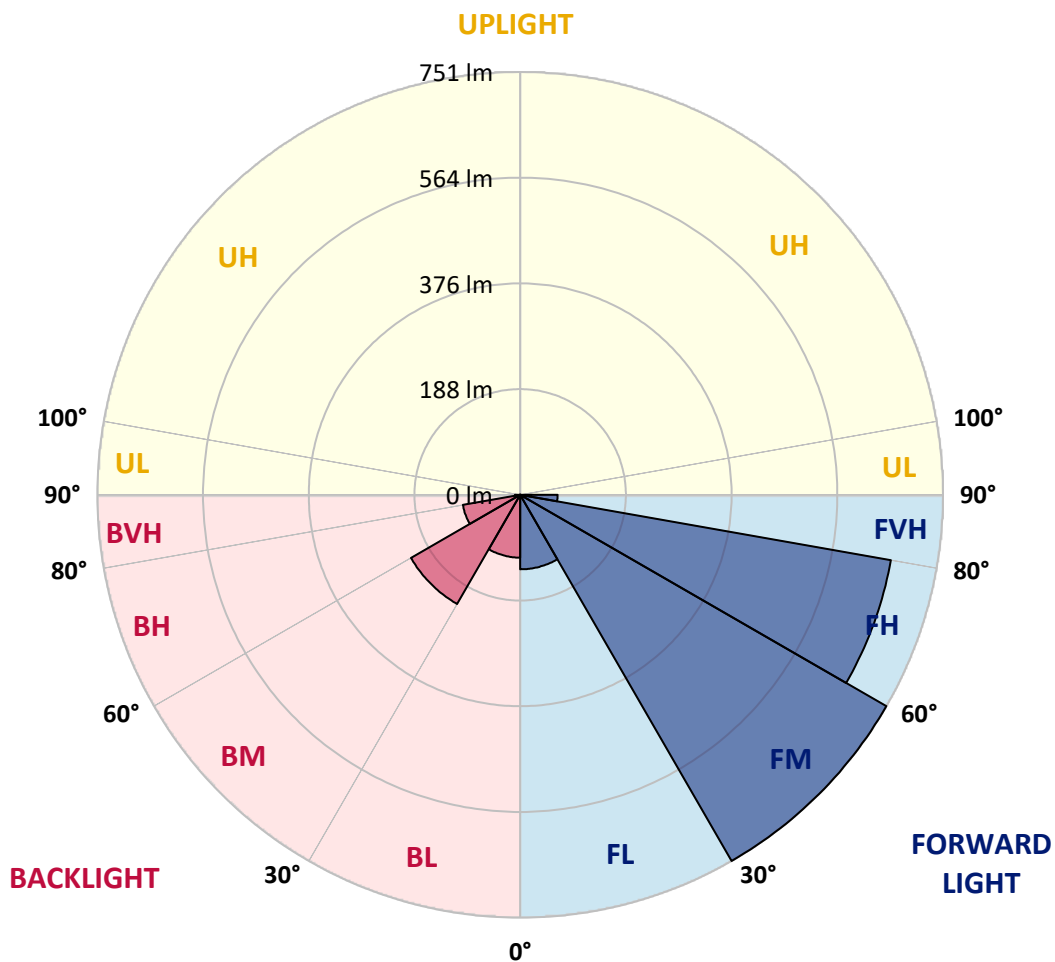
CATALOG NUMBER: ICS-F01-LED-E1-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	132.4	6.4			
FM	(30°-60°)	751.3	36.3			
FH	(60°-80°)	668.8	32.4			G1/1800
FVH	(80°-90°)	66.5	3.2			G1/100
BL	(0°-30°)	111.6	5.4	B1/500		
BM	(30°-60°)	224.1	10.8	B1/1000		
BH	(60°-80°)	103.3	5.0	B0/110		G0/110
BVH	(80°-90°)	9.3	0.4			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8
2.5°	256.3	256.8	256.8	256.6	256.6	257.1	256.8	256.6	255.8	256.8	256.8
5°	254.4	254.9	254.9	255.3	255.8	256.3	256.3	256.8	256.6	257.6	258.3
7.5°	256.8	257.3	258.3	259.6	260.3	262.0	262.0	263.3	263.8	264.5	264.3
10°	260.1	261.3	263.5	265.5	267.0	269.0	270.5	272.2	272.2	272.9	273.4
12.5°	265.8	267.0	269.5	271.9	274.2	276.6	278.9	280.6	282.3	282.8	283.8
15°	275.2	276.6	280.4	283.8	286.6	289.8	292.7	296.2	299.4	300.2	300.7
17.5°	289.3	292.3	295.0	301.2	305.1	309.3	314.0	319.0	320.0	325.2	326.4
20°	309.3	313.1	315.5	323.2	329.9	335.3	342.3	348.0	350.2	355.2	360.1
22.5°	344.0	343.3	347.0	354.7	359.6	370.5	376.5	382.4	385.4	392.8	396.8
25°	390.6	394.5	402.7	403.5	408.2	420.8	428.5	434.4	434.7	436.9	441.1
27.5°	436.4	452.7	465.6	472.6	485.2	496.8	496.3	504.8	491.6	494.4	498.3
30°	491.9	519.1	543.4	559.7	572.6	586.2	592.9	597.6	591.9	589.5	584.8
32.5°	543.9	582.0	619.4	648.4	672.4	695.0	709.8	716.5	724.4	744.5	751.7
35°	579.6	633.5	680.1	722.0	762.1	798.0	824.0	838.9	833.2	830.4	829.0
37.5°	600.8	666.7	724.9	784.1	830.2	883.9	924.3	963.4	972.4	956.8	949.1
40°	614.2	692.2	767.0	836.9	896.6	965.9	1015.9	1074.6	1119.2	1125.2	1106.8
42.5°	620.7	709.3	796.5	875.5	956.3	1041.2	1104.6	1175.7	1242.3	1288.1	1276.7
45°	621.7	720.5	818.1	910.4	1006.5	1107.3	1189.1	1267.8	1357.0	1435.5	1437.7
47.5°	621.7	728.9	832.9	935.7	1051.6	1164.8	1254.0	1347.1	1456.3	1549.2	1577.7
50°	622.1	734.6	846.8	955.5	1086.0	1213.3	1314.1	1424.1	1539.0	1640.1	1695.1
52.5°	624.4	738.8	857.7	969.6	1108.3	1247.5	1361.0	1487.8	1602.2	1706.0	1777.0
55°	629.3	744.7	865.6	978.3	1123.2	1269.8	1394.9	1531.3	1643.0	1748.3	1847.6
57.5°	643.2	755.1	875.3	986.0	1131.4	1284.4	1418.7	1550.2	1658.7	1768.4	1885.0
60°	670.9	777.2	891.9	1001.3	1145.0	1311.4	1430.1	1537.5	1647.3	1762.4	1893.4
62.5°	715.3	811.6	914.9	1027.3	1183.9	1353.3	1421.4	1499.9	1602.4	1728.0	1863.5
63°	730.6	819.0	920.1	1033.0	1194.5	1361.0	1417.7	1488.8	1593.3	1717.1	1852.8
65°	773.5	852.0	944.9	1061.8	1238.4	1368.6	1388.7	1430.8	1529.9	1654.9	1789.9
67.5°	853.5	932.0	998.1	1110.3	1275.3	1338.4	1298.8	1304.0	1407.5	1537.0	1658.4
70°	904.0	997.6	1032.0	1116.5	1268.6	1293.6	1182.4	1113.5	1196.5	1344.1	1450.4
72.5°	890.9	998.4	994.6	1034.0	1134.8	1158.1	1042.9	934.5	983.7	1094.0	1162.8
75°	763.1	891.6	864.4	856.4	891.9	907.2	820.8	804.2	866.4	927.5	928.5
77.5°	549.3	690.8	658.8	613.0	610.5	645.9	657.6	766.3	858.2	906.5	885.2
80°	350.0	503.3	470.1	390.1	388.8	434.9	537.2	685.1	782.4	809.4	753.9
82.5°	182.8	329.4	342.0	292.7	335.1	411.4	511.2	552.1	589.0	592.7	527.3
85°	113.9	202.6	238.3	245.9	302.7	364.8	364.1	349.7	333.4	285.3	258.1
87.5°	12.9	25.5	38.6	36.7	49.3	69.1	86.2	50.5	35.4	12.9	17.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8
2.5°	257.3	257.6	257.8	257.8	259.1	258.8	259.1	259.6	260.3	260.8	261.3
5°	259.3	259.3	260.3	261.0	262.5	263.5	264.0	265.5	267.2	266.7	268.2
7.5°	265.8	265.5	266.5	267.0	268.2	270.0	269.7	271.0	272.4	272.9	274.2
10°	274.4	273.7	273.7	273.2	273.4	272.9	272.9	272.9	273.9	273.7	274.7
12.5°	283.3	283.1	282.6	281.1	281.1	279.1	278.1	276.9	276.6	274.9	275.2
15°	301.7	301.7	300.7	297.7	295.2	293.5	291.0	289.3	286.8	283.6	281.8
17.5°	328.4	324.9	323.7	323.2	319.2	317.8	312.3	306.6	303.9	299.4	297.0
20°	361.1	360.4	355.4	352.9	348.0	341.0	334.1	326.7	322.2	316.8	313.8
22.5°	398.0	392.6	390.1	386.4	378.7	370.8	360.4	350.5	343.5	339.8	337.6
25°	441.1	435.7	433.2	428.2	418.8	410.4	397.5	385.9	379.7	373.5	370.0
27.5°	498.3	493.1	490.1	477.3	474.0	460.2	444.3	428.5	420.3	411.1	405.2
30°	583.8	584.0	568.7	553.0	537.0	512.9	496.3	478.5	465.1	452.0	438.9
32.5°	728.2	691.2	662.8	629.3	594.4	568.9	548.3	527.0	508.5	489.4	467.6
35°	816.3	798.5	761.6	700.4	665.2	634.3	611.5	585.7	563.0	529.3	496.1
37.5°	915.9	874.5	829.7	795.8	755.9	720.0	681.8	652.6	613.2	567.9	520.9
40°	1061.3	1002.1	948.1	902.5	851.0	813.4	770.8	728.4	676.1	610.5	545.9
42.5°	1213.1	1151.9	1080.6	1021.4	960.7	916.6	863.9	804.4	727.7	646.4	567.4
45°	1372.3	1290.6	1205.2	1132.8	1069.7	1015.0	949.6	870.8	777.2	678.6	587.5
47.5°	1529.4	1435.5	1333.7	1255.9	1173.7	1106.8	1026.6	927.0	815.8	709.1	607.5
50°	1667.8	1577.4	1454.8	1356.0	1272.8	1190.3	1090.2	970.4	846.3	735.3	625.6
52.5°	1787.2	1709.4	1580.4	1455.6	1359.7	1267.1	1141.5	1005.3	877.0	759.6	640.5
55°	1874.9	1823.1	1704.2	1549.4	1436.2	1325.8	1184.9	1039.0	906.0	778.9	650.1
57.5°	1941.0	1912.3	1810.2	1637.8	1506.6	1382.7	1229.7	1079.3	934.7	795.5	654.6
60°	1977.2	1985.1	1890.5	1715.1	1568.7	1430.3	1274.5	1113.8	956.0	805.2	652.1
62.5°	1973.7	2022.2	1950.7	1762.7	1604.9	1458.5	1304.7	1129.9	953.0	789.8	629.6
63°	1967.0	2023.5	1957.3	1765.9	1607.1	1459.5	1305.5	1127.6	946.8	782.4	620.7
65°	1909.3	1995.0	1951.6	1751.3	1587.3	1440.9	1289.9	1095.4	903.3	742.5	574.8
67.5°	1754.7	1862.0	1849.6	1648.0	1493.5	1364.2	1210.1	991.7	795.5	644.4	487.2
70°	1499.4	1600.2	1602.4	1433.3	1304.2	1177.4	1049.4	806.9	630.6	499.6	363.3
72.5°	1149.2	1214.1	1236.6	1125.2	1038.7	949.6	834.7	585.7	449.5	339.8	236.5
75°	889.9	872.0	871.8	824.7	789.6	746.0	619.7	395.3	295.2	220.9	144.6
77.5°	800.0	720.7	643.9	587.5	559.2	544.6	406.4	238.3	174.1	127.1	83.2
80°	659.8	542.9	438.6	377.7	353.4	370.3	226.6	128.8	95.4	72.3	54.0
82.5°	455.0	377.7	287.1	237.8	204.1	213.5	115.9	65.9	44.1	40.4	33.4
85°	237.0	207.8	175.4	150.6	133.0	116.9	60.2	31.5	18.3	16.1	14.6
87.5°	0.0	0.2	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°	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8
2.5°	262.0	261.8	262.3	262.5	263.3	263.8	264.0	263.5	264.3	265.0	264.5
5°	269.0	270.7	271.0	271.7	271.7	273.2	273.2	273.2	272.9	273.2	272.7
7.5°	274.9	277.1	277.4	278.4	278.6	280.4	279.6	280.1	280.1	278.9	278.4
10°	275.7	277.9	279.1	280.4	282.1	284.3	284.3	285.6	285.6	284.6	284.3
12.5°	275.9	277.6	278.9	280.6	283.1	286.3	288.0	289.8	290.5	290.3	289.5
15°	281.1	281.1	281.4	282.8	284.6	288.5	291.0	293.0	294.2	293.7	292.5
17.5°	294.7	292.7	291.3	288.8	289.3	291.3	292.7	294.5	294.7	294.2	292.3
20°	310.6	308.1	304.4	300.4	298.4	297.0	296.0	296.0	295.2	292.7	289.5
22.5°	333.1	329.9	324.7	318.8	314.8	310.1	304.4	298.9	293.0	287.1	280.1
25°	364.3	359.9	354.4	345.3	336.8	326.9	315.3	303.1	289.0	276.6	266.5
27.5°	395.8	385.9	371.8	359.1	343.5	328.7	312.1	297.2	279.1	264.3	253.1
30°	421.8	403.0	382.7	362.6	342.0	322.0	302.2	284.3	264.5	249.4	238.5
32.5°	441.8	415.8	387.6	361.4	336.1	311.6	288.8	269.0	248.9	233.3	221.7
35°	460.4	424.3	388.3	355.9	324.7	299.2	273.4	251.9	230.6	214.2	201.6
37.5°	474.3	428.2	383.9	345.7	309.8	281.4	255.1	233.1	211.3	193.4	179.1
40°	483.2	425.7	374.2	331.1	292.3	262.3	235.5	212.7	191.7	172.1	154.8
42.5°	490.4	422.5	364.6	317.8	278.4	245.7	218.2	193.7	172.4	151.1	132.0
45°	501.0	425.0	360.4	308.4	266.0	231.6	201.4	175.8	153.6	132.8	114.4
47.5°	511.4	426.2	354.2	296.7	250.4	217.0	186.2	161.5	138.7	119.6	102.8
50°	520.9	425.5	344.5	281.8	235.3	202.3	172.6	147.9	125.3	107.7	91.9
52.5°	525.3	421.3	332.6	267.5	223.2	189.5	159.3	135.2	112.9	96.3	81.7
55°	524.8	410.4	317.0	253.9	209.8	175.8	146.1	122.3	102.3	86.9	74.3
57.5°	517.4	393.5	300.4	238.8	192.2	159.0	130.8	107.7	90.9	78.0	67.4
60°	501.8	372.0	278.6	216.7	170.1	138.2	111.7	91.9	78.3	68.4	61.4
62.5°	472.6	341.0	251.4	186.0	140.4	111.2	88.2	75.3	65.1	59.2	56.0
63°	463.9	332.6	239.7	178.6	133.5	105.0	83.2	69.8	62.4	57.2	54.2
65°	420.8	291.3	200.6	144.1	103.8	81.0	66.9	56.7	52.3	50.0	49.8
67.5°	340.8	229.1	141.9	98.8	70.6	58.5	51.3	47.1	45.1	44.6	45.1
70°	239.3	144.6	90.2	65.6	52.3	47.1	43.8	42.1	40.9	41.1	41.6
72.5°	152.6	86.7	61.9	49.8	44.1	41.4	39.9	39.4	39.1	38.9	38.9
75°	86.9	57.7	47.6	43.1	40.1	37.9	36.7	36.2	36.4	36.7	36.2
77.5°	57.5	47.6	42.4	39.4	36.7	34.2	33.4	33.2	33.7	34.2	34.2
80°	45.3	42.4	39.4	36.4	31.9	30.2	30.7	31.0	30.7	31.0	30.2
82.5°	31.9	31.5	32.2	31.0	26.5	25.0	24.5	24.8	24.3	24.3	23.8
85°	14.9	14.9	15.6	15.6	15.1	15.4	16.6	18.1	18.8	18.1	17.1
87.5°	0.0	0.0	0.0	0.0	0.0	2.2	4.5	6.4	6.9	8.7	8.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8
2.5°	263.8	264.3	264.0	263.8	264.3	263.8	264.0	263.8	263.8	263.5	263.5
5°	272.2	272.9	271.4	271.2	270.7	269.5	269.5	269.0	269.0	268.0	267.2
7.5°	277.6	277.9	276.6	276.4	275.2	273.9	272.9	271.9	271.7	271.0	269.5
10°	282.8	282.3	281.4	280.1	278.9	277.1	275.9	274.7	274.4	273.2	271.4
12.5°	287.3	287.1	285.1	283.8	281.8	280.1	278.6	277.1	276.4	274.9	272.4
15°	290.3	288.8	286.3	284.1	281.8	279.9	278.1	276.4	275.7	273.9	271.4
17.5°	289.0	286.3	283.1	280.4	277.4	274.9	273.4	271.7	270.5	269.5	266.0
20°	284.6	280.6	275.7	272.4	268.5	265.3	264.3	262.5	261.5	257.8	253.4
22.5°	272.9	267.2	261.0	256.3	251.9	248.7	246.2	244.5	242.0	239.7	232.8
25°	258.3	251.9	245.4	239.7	233.8	228.8	224.4	220.2	218.9	214.2	207.5
27.5°	244.2	237.0	230.6	223.9	216.2	210.0	202.3	196.4	192.4	187.5	181.3
30°	229.1	221.9	213.2	204.3	195.4	188.7	180.1	172.9	167.9	162.7	157.0
32.5°	210.0	201.4	191.0	181.0	172.9	164.9	156.3	149.3	144.4	139.7	134.2
35°	188.2	176.8	165.7	154.8	146.1	139.4	131.8	126.6	123.1	118.9	113.2
37.5°	163.2	150.3	138.4	130.0	122.3	115.9	110.5	107.2	103.5	101.3	97.8
40°	138.0	125.3	113.7	106.0	99.6	95.8	92.9	92.1	89.7	86.7	84.5
42.5°	115.7	103.5	92.1	85.9	81.7	80.7	79.3	79.3	78.0	75.8	74.3
45°	100.6	87.9	78.0	73.6	71.3	71.1	70.3	70.3	70.1	69.1	67.4
47.5°	89.7	78.3	70.6	67.9	67.4	66.9	66.1	65.9	65.6	64.9	63.9
50°	79.8	70.1	65.1	63.9	64.1	63.4	62.7	61.9	61.7	60.9	59.9
52.5°	70.6	63.7	60.4	59.7	59.7	59.7	59.2	59.2	58.7	58.5	57.5
55°	65.4	60.2	58.5	58.2	58.0	57.7	57.2	57.2	56.7	56.5	55.2
57.5°	60.9	57.7	56.7	56.2	56.0	55.5	55.2	55.2	55.2	55.2	53.7
60°	57.5	56.0	55.7	55.2	55.0	54.0	53.5	53.2	53.5	53.7	52.3
62.5°	53.7	53.5	53.2	52.8	52.5	51.5	50.8	50.3	50.8	51.3	51.0
63°	52.8	52.5	52.5	52.3	52.0	50.8	50.0	49.5	50.0	50.5	50.5
65°	49.3	49.5	49.5	49.3	49.0	48.3	47.3	46.8	47.1	47.8	48.0
67.5°	45.6	45.8	45.6	45.8	45.6	45.1	44.3	43.8	43.6	43.8	44.1
70°	42.1	42.6	42.4	42.1	41.9	41.9	41.4	40.6	40.4	40.1	40.1
72.5°	39.1	39.1	38.6	38.6	38.4	38.4	37.9	37.2	36.9	36.9	36.4
75°	35.9	35.9	35.2	35.2	34.7	34.9	34.4	33.7	33.4	33.4	33.2
77.5°	33.9	33.2	31.9	31.7	31.5	31.5	31.2	30.5	30.2	30.2	30.0
80°	30.0	28.5	27.2	27.0	27.2	27.7	27.7	27.2	27.2	27.2	27.2
82.5°	23.3	22.8	22.0	21.5	21.5	22.3	23.3	23.8	24.3	24.8	24.8
85°	17.1	17.3	17.1	16.3	16.1	16.8	17.8	18.8	19.1	20.1	19.8
87.5°	9.2	9.4	8.7	8.4	9.2	9.7	10.6	10.9	11.4	11.6	11.9
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8
2.5°	263.3	263.0	263.3	262.8	262.8	262.3	261.8	261.5	261.0	260.8	260.3
5°	267.7	267.0	266.2	266.0	265.0	264.0	263.3	262.0	261.0	259.3	258.8
7.5°	270.7	269.0	268.0	267.7	266.2	265.5	263.8	262.3	260.8	258.6	257.8
10°	271.9	270.2	268.5	267.7	266.0	264.8	263.0	260.8	259.6	257.3	256.8
12.5°	273.4	270.2	267.5	265.5	263.0	260.3	258.6	257.3	255.6	254.4	253.9
15°	270.7	266.5	262.3	258.6	254.6	251.6	249.9	247.9	245.9	245.2	245.2
17.5°	263.3	257.8	250.6	245.9	241.7	238.5	236.3	234.3	234.0	233.1	233.6
20°	247.9	240.7	233.8	230.3	227.9	225.9	223.6	222.7	221.9	220.4	219.9
22.5°	226.6	220.7	215.7	213.2	211.3	208.8	206.8	203.8	203.1	201.6	200.9
25°	203.1	198.4	194.2	192.4	191.2	187.7	186.5	182.5	179.8	178.1	179.1
27.5°	179.6	176.1	172.1	169.9	169.2	165.9	164.7	160.2	158.0	158.0	155.5
30°	155.3	152.1	149.6	147.1	146.6	142.7	139.4	137.7	135.2	134.2	132.5
32.5°	132.5	129.3	127.3	126.1	124.1	120.9	117.6	114.7	110.7	109.2	108.5
35°	111.5	109.0	106.5	105.5	102.8	99.3	95.4	92.9	88.2	86.4	85.7
37.5°	95.4	92.4	90.6	87.9	85.2	81.5	78.5	76.3	74.5	73.8	73.8
40°	82.5	80.2	78.3	76.0	73.8	71.8	70.3	69.8	69.6	69.6	70.1
42.5°	72.8	70.8	69.8	68.6	67.9	67.9	67.6	67.9	68.1	68.4	69.1
45°	66.4	65.1	64.6	64.4	64.9	65.4	65.6	66.1	67.1	67.6	67.9
47.5°	62.9	61.9	61.7	61.9	62.7	63.7	64.6	65.4	66.1	66.4	66.6
50°	59.4	58.2	57.7	58.2	59.2	60.7	61.4	62.7	63.2	63.7	63.2
52.5°	56.5	55.5	55.2	55.2	56.2	57.2	58.2	59.2	59.4	59.4	59.2
55°	54.0	53.2	52.5	53.0	53.7	54.7	56.2	57.0	57.5	57.7	57.7
57.5°	52.0	51.3	50.5	51.0	51.8	52.8	54.2	55.0	55.5	56.2	56.5
60°	50.5	49.5	48.8	49.5	50.3	51.8	53.0	53.7	55.0	55.2	55.2
62.5°	49.0	48.0	46.8	47.6	47.6	48.3	49.5	50.5	51.8	52.3	52.3
63°	48.8	47.8	46.6	47.1	47.1	47.6	48.5	49.5	51.0	51.5	51.3
65°	46.8	46.6	45.3	45.3	44.8	45.3	46.1	47.1	47.8	48.5	48.5
67.5°	43.6	43.3	43.1	43.1	43.1	43.6	44.1	44.8	45.6	46.1	45.8
70°	39.9	39.9	39.9	40.1	40.1	40.6	40.9	40.6	41.4	41.9	41.6
72.5°	36.7	36.4	36.2	36.7	36.4	36.4	36.9	36.7	37.4	37.4	37.6
75°	33.2	32.9	32.9	33.2	32.7	32.2	32.4	32.4	32.7	32.7	33.2
77.5°	30.2	30.2	30.2	30.0	29.5	29.2	29.0	29.0	29.0	29.0	29.2
80°	27.5	27.5	27.5	27.2	26.7	26.3	25.8	25.5	25.3	24.0	24.0
82.5°	24.8	24.8	24.8	24.8	24.5	24.0	23.3	21.3	20.3	19.3	19.6
85°	19.6	20.1	20.6	21.3	21.1	21.1	19.6	17.1	15.6	14.6	14.9
87.5°	12.6	11.1	11.1	10.9	10.4	9.9	9.9	8.4	6.9	6.2	6.4
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°	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	259.8	0°
2.5°	260.3	259.8	259.3	259.3	258.6	258.6	258.1	259.1	258.1	257.3	257.3	2.5°
5°	258.3	257.8	256.3	256.1	255.1	255.1	255.1	254.6	254.6	254.1	253.9	5°
7.5°	257.1	255.8	254.6	253.9	253.9	253.4	254.4	253.9	254.1	254.1	254.4	7.5°
10°	256.1	255.1	254.6	254.4	254.4	255.1	255.8	256.1	255.8	256.1	256.1	10°
12.5°	253.6	254.1	254.4	255.3	256.6	258.1	259.8	260.1	260.5	260.5	261.0	12.5°
15°	245.7	246.9	248.4	250.9	254.1	257.3	260.5	263.3	265.8	267.0	268.0	15°
17.5°	234.5	235.8	238.5	241.2	245.4	250.1	255.6	260.3	265.5	270.2	274.9	17.5°
20°	219.4	221.4	222.2	227.1	232.1	238.5	244.9	252.4	261.3	270.2	279.4	20°
22.5°	199.9	202.1	205.6	209.5	214.7	222.7	230.3	242.0	253.9	266.5	280.9	22.5°
25°	178.1	180.6	183.5	187.7	192.9	201.4	212.5	224.9	239.5	256.1	273.9	25°
27.5°	155.5	158.0	160.5	163.5	169.4	178.3	191.4	204.3	220.4	238.5	259.3	27.5°
30°	133.0	133.2	134.7	138.4	144.6	156.3	165.9	182.0	198.9	218.0	242.0	30°
32.5°	108.2	108.0	109.7	112.9	118.9	130.0	141.9	157.5	174.1	198.1	222.9	32.5°
35°	86.2	86.2	89.4	92.6	99.3	107.2	117.6	131.5	151.1	173.4	198.1	35°
37.5°	74.5	76.3	78.3	81.5	86.7	92.9	102.0	114.2	129.5	150.8	173.6	37.5°
40°	70.8	71.8	73.6	76.5	81.0	86.7	93.4	102.5	114.4	131.5	152.3	40°
42.5°	69.3	69.6	70.6	72.8	76.8	82.5	89.4	97.6	106.5	118.6	136.7	42.5°
45°	67.9	67.6	68.1	69.8	73.1	79.5	87.4	96.3	105.3	115.4	130.3	45°
47.5°	66.6	66.6	66.6	67.4	70.3	76.8	85.9	96.3	107.0	118.4	133.0	47.5°
50°	63.2	62.9	62.9	63.4	65.6	72.6	83.5	96.1	110.0	124.8	141.4	50°
52.5°	59.2	59.2	59.4	59.7	61.7	68.6	80.7	96.1	113.4	133.2	154.1	52.5°
55°	58.0	58.2	58.5	58.2	59.7	65.6	77.8	94.6	114.9	139.9	167.7	55°
57.5°	57.0	57.5	57.5	57.2	58.2	63.2	74.8	91.6	113.7	142.4	177.3	57.5°
60°	55.5	55.5	55.5	54.7	55.2	59.7	70.3	86.9	109.7	140.2	178.8	60°
62.5°	52.3	52.3	51.8	51.5	51.3	54.7	64.4	80.0	102.5	134.2	175.1	62.5°
63°	51.5	51.3	51.3	50.5	50.5	53.7	63.2	79.0	100.6	132.8	173.6	63°
65°	48.8	48.8	48.8	48.3	48.0	50.5	58.2	72.1	92.9	125.8	166.2	65°
67.5°	45.8	46.1	45.6	45.3	45.1	46.6	52.5	63.4	81.0	111.2	152.3	67.5°
70°	41.6	41.9	41.9	41.6	41.4	42.4	46.1	54.5	67.1	92.6	129.8	70°
72.5°	37.9	38.4	38.4	38.9	38.9	39.6	41.1	45.3	53.7	72.3	102.0	72.5°
75°	33.9	34.2	34.7	35.2	34.7	34.4	34.7	37.9	42.1	53.5	72.8	75°
77.5°	30.5	31.2	31.2	31.0	30.2	29.7	29.7	31.2	34.7	40.6	52.0	77.5°
80°	25.3	26.5	26.7	26.0	25.3	25.3	25.8	26.7	29.0	33.4	39.4	80°
82.5°	20.3	21.5	21.8	22.0	21.8	22.5	22.5	22.8	24.0	27.5	32.2	82.5°
85°	15.6	16.6	17.3	17.6	17.8	18.1	17.8	16.6	17.3	19.6	21.8	85°
87.5°	6.9	7.2	6.7	6.9	6.7	6.9	7.2	5.9	5.7	7.7	7.9	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°
259.8	259.8	259.8	259.8	259.8	259.8	259.8
257.1	257.1	257.3	256.8	256.8	257.1	256.3
253.1	254.1	254.1	254.1	253.6	254.1	254.4
254.1	254.9	255.3	255.3	255.1	256.1	256.8
255.3	256.6	257.1	257.1	257.1	258.3	260.1
260.1	261.0	261.8	261.8	262.3	263.8	265.8
268.7	270.0	270.0	269.7	271.2	272.9	275.2
278.4	281.8	283.6	283.3	284.6	286.8	289.3
287.5	297.2	301.4	304.4	305.6	308.6	309.3
295.2	311.3	323.0	332.9	337.6	340.5	344.0
292.5	314.3	335.1	355.4	369.8	384.4	390.6
281.4	308.6	335.8	365.6	391.6	417.6	436.4
267.7	300.4	337.1	379.2	420.3	460.2	491.9
252.1	292.7	339.8	391.8	445.8	498.1	543.9
232.6	278.1	333.1	393.1	456.7	520.1	579.6
207.8	258.3	317.5	384.1	457.2	529.8	600.8
183.0	233.3	297.7	371.3	450.8	532.0	614.2
165.7	211.0	277.6	354.9	440.4	528.5	620.7
153.8	194.9	259.8	340.1	429.2	522.3	621.7
152.8	188.0	248.2	329.2	420.3	516.9	621.7
161.2	191.7	244.2	323.7	416.6	515.2	622.1
177.1	206.6	251.4	327.9	419.6	517.4	624.4
196.2	229.1	270.7	342.5	432.2	524.8	629.3
213.5	255.1	303.6	370.8	455.2	543.6	643.2
223.6	277.4	338.6	410.4	494.6	581.0	670.9
224.9	289.8	369.5	453.5	542.4	623.9	715.3
223.9	290.8	373.5	461.7	552.6	634.5	730.6
218.4	291.0	384.6	490.4	587.7	679.4	773.5
204.6	283.1	388.6	512.9	632.1	738.3	853.5
180.6	260.5	377.0	513.4	649.1	771.2	904.0
145.1	217.7	326.7	467.1	604.1	738.8	890.9
106.3	160.0	246.9	361.8	492.9	615.0	763.1
70.6	103.5	166.4	257.8	353.4	442.6	549.3
48.5	64.1	97.3	155.0	216.2	259.6	350.0
35.7	42.4	54.0	79.3	104.0	128.0	182.8
22.3	24.3	27.0	39.1	56.0	75.5	113.9
5.9	6.2	5.7	7.7	12.1	11.6	12.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)