

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: P181128

Luminaire Tested: **ICS-E02-LED-E1-SLR**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181128  
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-E02-LED-E1-SLR  
Description: ICON SITE SMALL LED LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (42) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5008.6 lumens  
Efficiency: N/A  
Efficacy: 96.1 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G2

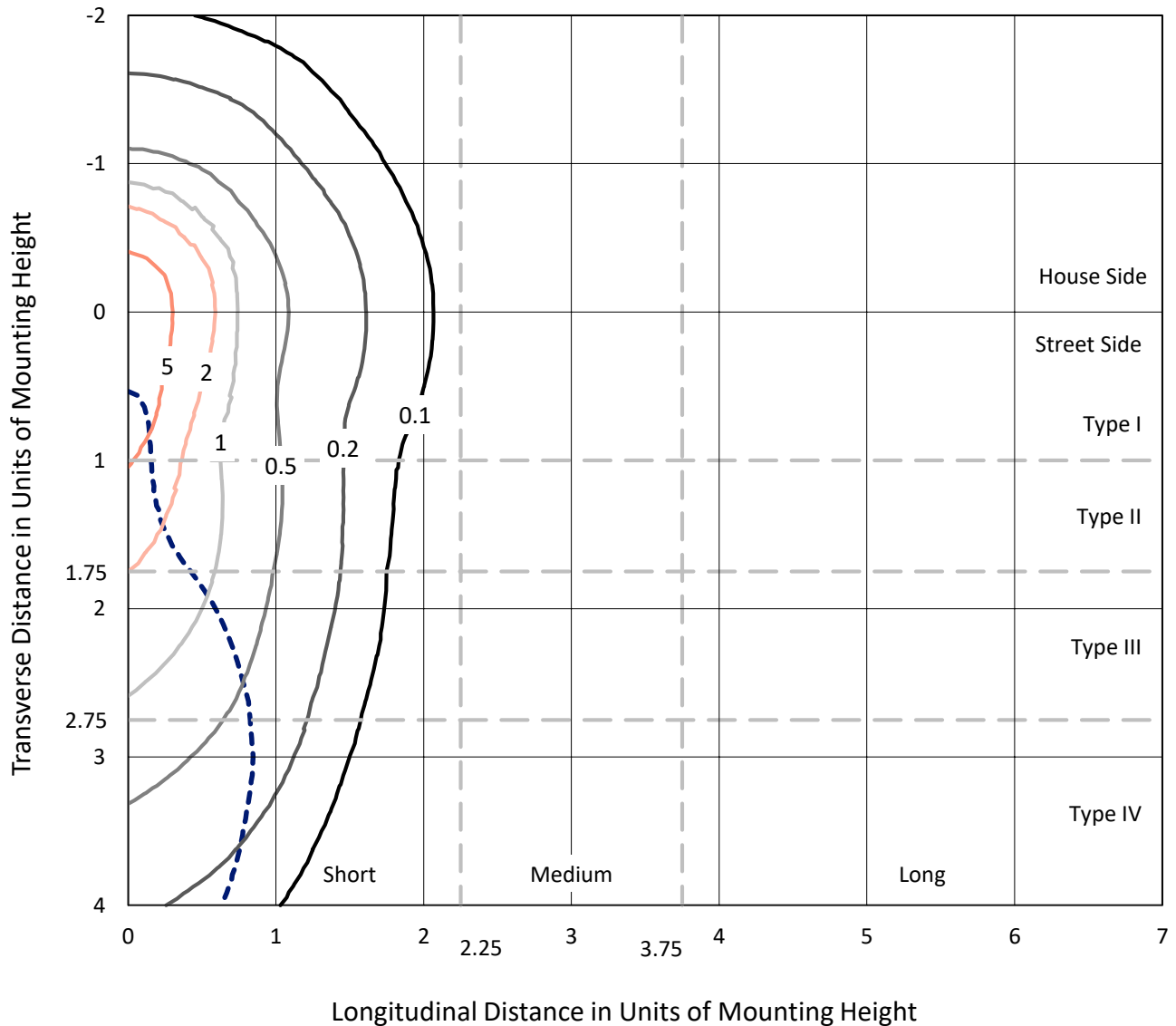
Input Watts (W): 52.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

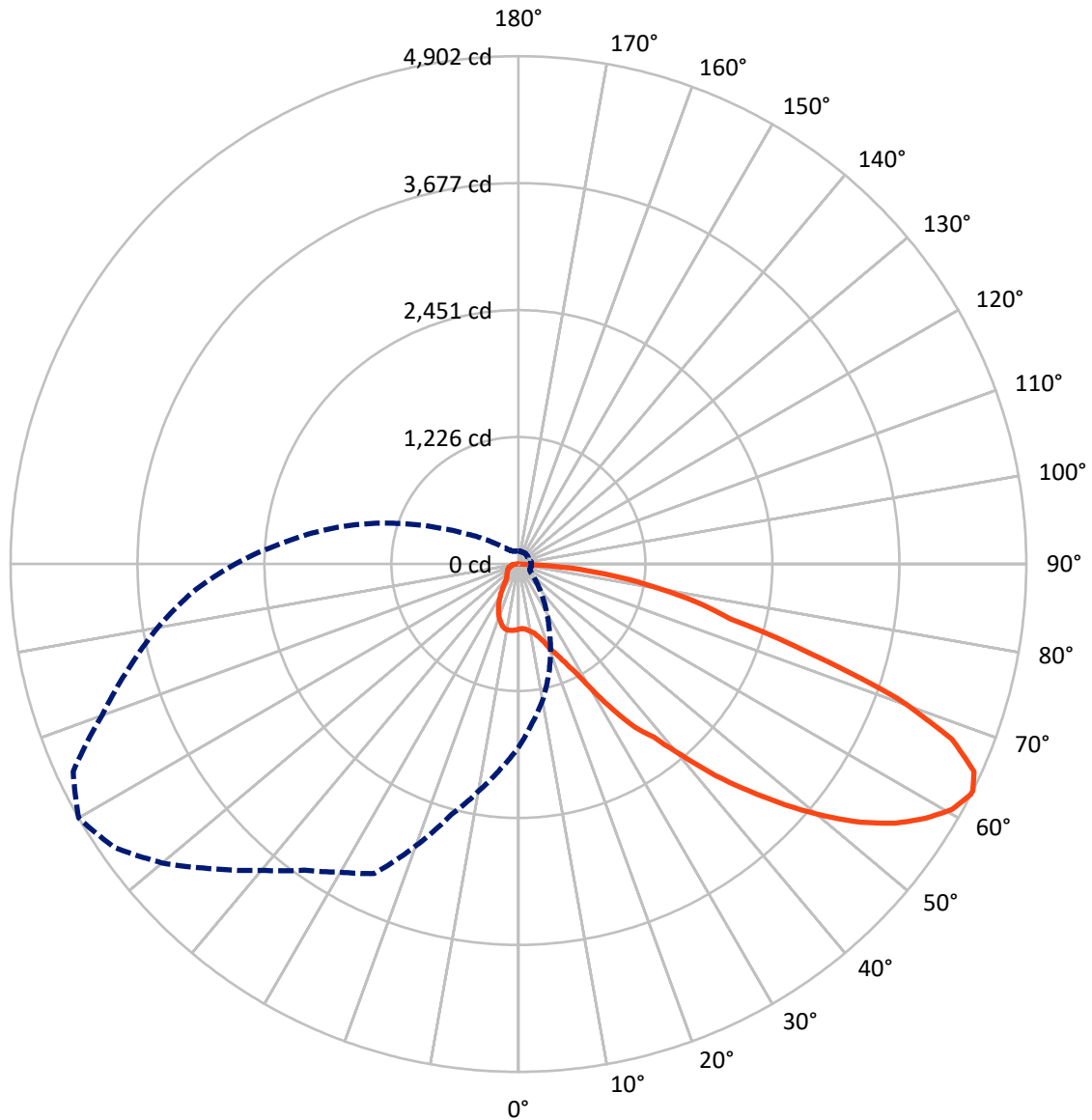
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.9 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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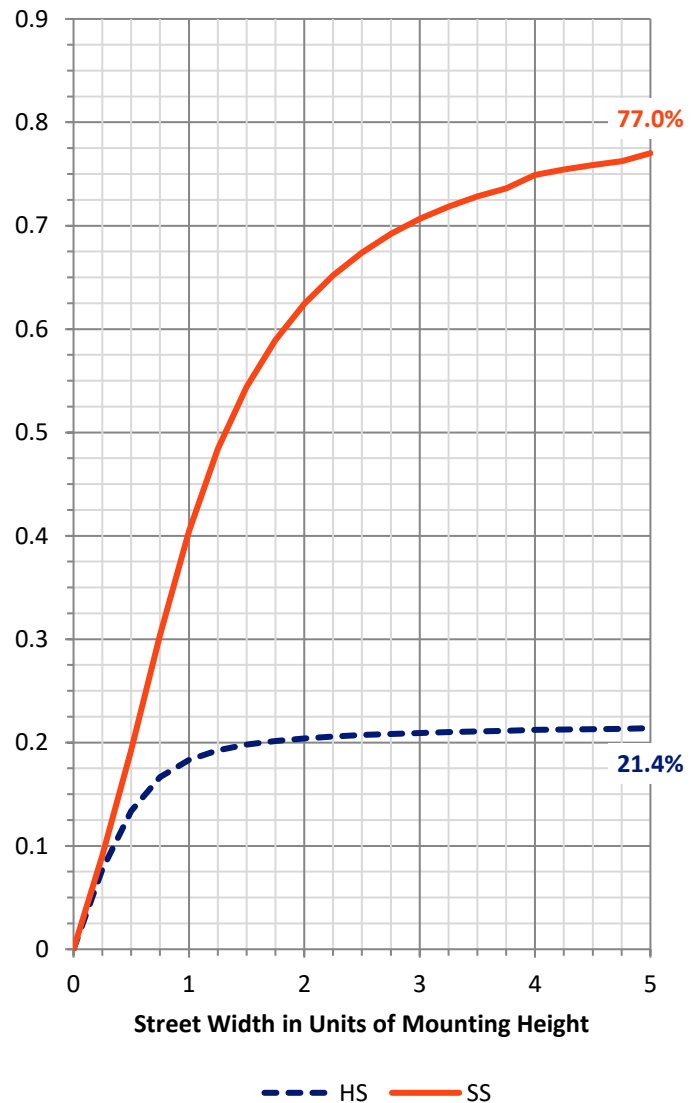
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1086.1	0.0	1086.1
	% Fixture	21.7	0.0	21.7
<b>Street Side</b>	Lumens	3922.6	0.0	3922.6
	% Fixture	78.3	0.0	78.3
<b>Total</b>	Lumens	5008.6	0.0	5008.6
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	61.3	1.2
10°-20°	190.8	3.8
20°-30°	339.0	6.8
30°-40°	533.9	10.7
40°-50°	785.7	15.7
50°-60°	1043.6	20.8
60°-70°	1149.5	23.0
70°-80°	721.2	14.4
80°-90°	183.7	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°	5008.6	100.0
0°-180°	5008.6	100.0

**Coefficient of Utilization**



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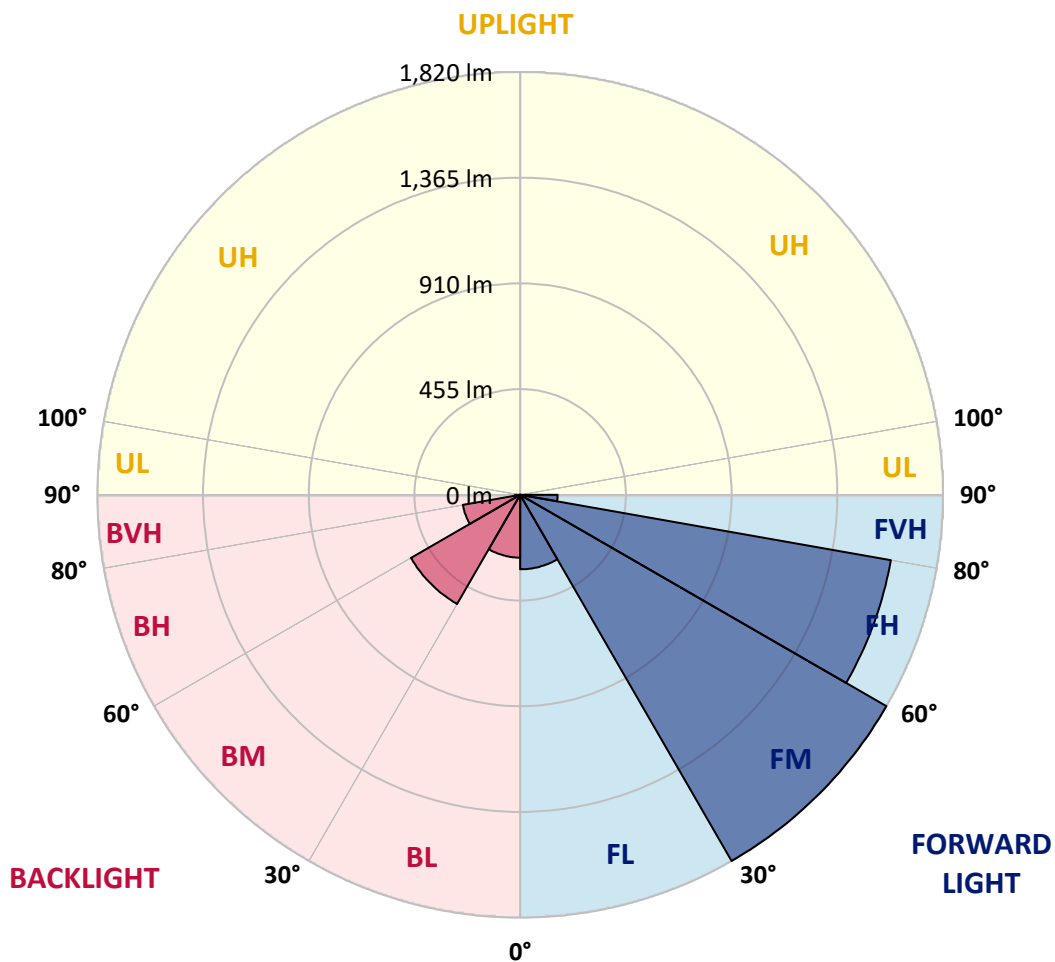
CATALOG NUMBER: ICS-E02-LED-E1-SLR

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	320.7	6.4			
FM (30°-60°)	1820.3	36.3			
FH (60°-80°)	1620.4	32.4			G1/1800
FVH (80°-90°)	161.2	3.2			G2/225
BL (0°-30°)	270.4	5.4	B1/500		
BM (30°-60°)	542.9	10.8	B1/1000		
BH (60°-80°)	250.4	5.0	B1/500		G1/500
BVH (80°-90°)	22.5	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°	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4
2.5°	621.0	622.8	622.2	622.2	623.4	622.8	622.8	623.4	623.4	625.2	627.6
5°	616.2	615.6	614.4	615.6	615.6	615.6	613.2	615.0	615.6	616.8	616.8
7.5°	622.2	620.4	618.0	618.6	618.6	617.4	615.6	616.2	615.6	615.6	615.0
10°	630.0	625.8	622.8	622.8	622.8	621.6	618.6	620.4	620.4	619.8	620.4
12.5°	643.8	639.0	635.4	634.2	634.2	632.4	630.0	632.4	631.2	631.2	630.0
15°	666.6	661.2	657.0	653.4	654.0	654.0	651.0	649.2	646.8	643.8	637.8
17.5°	700.8	694.8	689.4	686.4	687.0	682.8	674.4	666.0	654.6	643.2	630.6
20°	749.4	747.6	740.4	737.4	730.2	720.0	696.6	676.8	654.6	633.0	611.4
22.5°	833.4	825.0	817.8	806.4	782.4	754.2	715.2	680.4	645.6	615.0	586.2
25°	946.3	931.3	895.8	861.0	811.8	761.4	708.6	663.6	620.4	580.2	544.8
27.5°	1057.3	1011.7	948.7	885.6	813.6	747.6	681.6	628.2	577.8	534.0	495.0
30°	1191.7	1114.9	1018.3	918.6	816.6	727.8	648.6	586.2	528.0	481.8	441.0
32.5°	1317.7	1206.7	1080.1	949.3	823.2	709.2	610.8	540.0	480.0	421.8	381.6
35°	1404.1	1260.1	1106.5	952.3	807.0	673.8	563.4	480.0	420.0	366.0	318.6
37.5°	1455.7	1283.5	1107.7	930.7	769.2	625.8	503.4	420.6	365.4	313.8	276.6
40°	1488.1	1288.9	1092.1	899.4	721.2	565.2	443.4	369.0	318.6	277.2	248.4
42.5°	1503.7	1280.5	1066.9	859.8	672.6	511.2	401.4	331.2	287.4	258.0	236.4
45°	1506.1	1265.5	1039.9	823.8	629.4	472.2	372.6	315.6	279.6	255.0	233.4
47.5°	1506.1	1252.3	1018.3	797.4	601.2	455.4	370.2	322.2	286.8	259.2	233.4
50°	1507.3	1248.1	1009.3	784.2	591.6	464.4	390.6	342.6	302.4	266.4	232.8
52.5°	1512.7	1253.5	1016.5	794.4	609.0	500.4	429.0	373.2	322.8	274.8	232.8
55°	1524.7	1271.5	1047.1	829.8	655.8	555.0	475.2	406.2	339.0	278.4	229.2
57.5°	1558.3	1317.1	1102.9	898.2	735.6	618.0	517.2	429.6	345.0	275.4	222.0
60°	1625.5	1407.7	1198.3	994.3	820.2	672.0	541.8	433.2	339.6	265.8	210.6
62.5°	1732.9	1511.5	1314.1	1098.7	895.2	702.0	544.8	424.2	325.2	248.4	193.8
63°	1770.1	1537.3	1338.7	1118.5	904.8	704.4	542.4	420.6	321.6	243.6	191.4
65°	1873.9	1645.9	1423.9	1188.1	931.9	705.0	529.2	402.6	304.8	225.0	174.6
67.5°	2067.7	1788.7	1531.3	1242.7	941.5	685.8	495.6	369.0	269.4	196.2	153.6
70°	2190.1	1868.5	1572.7	1243.9	913.2	631.2	437.4	314.4	224.4	162.6	132.0
72.5°	2158.3	1789.9	1463.5	1131.7	791.4	527.4	351.6	247.2	175.2	130.2	109.8
75°	1848.7	1489.9	1194.1	876.6	598.2	387.6	257.4	176.4	129.6	102.0	91.8
77.5°	1330.9	1072.3	856.2	624.6	403.2	250.8	171.0	126.0	98.4	84.0	75.6
80°	847.8	628.8	523.8	375.6	235.8	155.4	117.6	95.4	81.0	70.2	64.8
82.5°	442.8	310.2	252.0	192.0	130.8	102.6	86.4	78.0	66.6	58.2	55.2
85°	276.0	183.0	135.6	94.8	65.4	58.8	54.0	52.8	47.4	42.0	40.2
87.5°	31.2	28.2	29.4	18.6	13.8	15.0	14.4	19.2	18.6	13.8	14.4
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):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4
2.5°	625.2	626.4	626.4	628.2	628.2	629.4	630.6	630.6	631.8	632.4	633.6
5°	618.0	618.0	618.0	620.4	621.0	624.6	625.8	627.0	628.2	632.4	634.8
7.5°	616.2	613.8	615.0	615.0	616.8	619.8	622.8	624.6	626.4	631.8	635.4
10°	619.8	618.0	616.2	616.2	616.8	618.0	620.4	622.2	623.4	628.8	631.8
12.5°	629.4	625.2	621.6	618.6	616.2	615.6	614.4	615.0	616.2	619.2	623.4
15°	631.2	623.4	615.6	607.8	601.8	598.2	595.2	594.0	594.0	595.8	600.6
17.5°	619.2	606.0	594.6	584.4	577.8	571.2	568.2	565.8	564.6	567.0	567.6
20°	593.4	577.8	562.2	550.2	538.2	536.4	531.6	532.8	534.0	537.6	539.4
22.5°	558.0	539.4	520.2	507.6	498.0	489.6	484.2	486.6	488.4	492.0	493.8
25°	514.8	487.8	467.4	454.8	444.6	437.4	431.4	433.8	431.4	435.6	442.2
27.5°	463.8	432.0	410.4	396.0	388.8	382.8	376.8	376.8	382.8	382.8	388.2
30°	402.0	378.6	350.4	335.4	326.4	322.8	322.2	321.0	325.2	327.6	333.6
32.5°	343.8	315.0	288.0	273.6	265.8	261.6	262.2	262.8	264.6	268.2	277.8
35°	285.0	259.8	240.6	224.4	216.6	208.8	208.8	207.6	209.4	213.6	225.0
37.5°	247.2	225.0	210.0	197.4	189.6	184.8	180.6	178.8	178.8	180.6	184.8
40°	226.2	210.0	196.2	185.4	178.2	174.0	171.6	169.8	168.6	168.6	169.2
42.5°	216.6	199.8	186.0	176.4	171.0	168.6	168.0	167.4	165.6	165.0	164.4
45°	211.8	192.6	177.0	169.2	165.0	163.8	164.4	164.4	163.8	162.6	160.2
47.5°	208.2	186.0	170.4	163.2	161.4	161.4	161.4	161.4	160.8	160.2	158.4
50°	202.2	175.8	159.0	153.6	152.4	152.4	153.0	153.0	154.2	153.0	151.8
52.5°	195.6	166.2	149.4	144.6	144.0	143.4	143.4	143.4	144.0	144.0	143.4
55°	188.4	159.0	144.6	141.0	141.6	141.0	140.4	139.8	139.8	139.2	138.0
57.5°	181.2	153.0	141.0	138.6	139.2	139.2	138.0	136.8	136.2	134.4	133.2
60°	170.4	144.6	133.8	132.6	134.4	134.4	134.4	133.8	133.8	133.2	130.2
62.5°	156.0	132.6	124.2	124.8	125.4	126.6	126.6	126.6	126.6	125.4	122.4
63°	153.0	130.2	122.4	122.4	124.2	124.2	124.8	124.2	124.8	123.6	120.0
65°	141.0	122.4	116.4	117.0	118.2	118.2	118.2	117.6	117.6	115.8	114.0
67.5°	127.2	112.8	109.2	109.8	110.4	111.6	111.0	111.0	111.6	110.4	108.6
70°	111.6	102.6	100.2	100.8	101.4	101.4	100.8	100.8	101.4	100.2	98.4
72.5°	99.6	96.0	94.2	94.2	93.0	93.0	91.8	91.2	90.6	90.6	88.8
75°	84.0	83.4	84.0	85.2	84.0	82.8	82.2	80.4	79.2	79.2	78.6
77.5°	72.0	72.0	73.2	75.0	75.6	75.6	73.8	70.8	70.2	70.2	70.2
80°	62.4	61.2	61.2	63.0	64.8	64.2	61.2	58.2	58.2	61.2	61.8
82.5°	54.6	54.6	52.8	53.4	52.8	52.2	49.2	47.4	46.8	49.2	51.6
85°	43.2	43.8	43.2	42.6	42.0	40.2	37.8	36.0	35.4	37.8	41.4
87.5°	17.4	16.8	16.2	16.8	16.2	17.4	16.8	15.6	15.0	16.8	20.4
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):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4
2.5°	634.2	635.4	636.6	636.6	637.8	637.2	637.8	638.4	638.4	639.0	639.0
5°	637.8	639.6	642.0	644.4	645.0	646.8	648.6	647.4	649.2	651.6	651.6
7.5°	639.0	643.2	645.0	648.6	649.2	651.6	655.8	652.8	656.4	658.2	658.8
10°	637.2	641.4	644.4	648.6	650.4	654.6	658.8	657.6	661.8	664.8	665.4
12.5°	626.4	630.6	637.2	643.2	648.0	654.6	662.4	660.0	666.0	669.6	671.4
15°	605.4	609.6	616.8	626.4	635.4	645.6	655.8	657.6	663.6	667.8	669.6
17.5°	572.4	577.8	585.6	595.8	607.2	624.6	637.8	644.4	652.8	655.2	658.2
20°	541.8	547.2	552.0	558.0	566.4	583.2	600.6	613.8	624.6	633.6	636.0
22.5°	501.0	505.8	511.8	516.6	522.6	534.6	549.0	564.0	580.8	586.2	592.2
25°	451.8	454.8	463.2	466.2	470.4	480.6	492.0	502.8	519.0	530.4	533.4
27.5°	399.0	402.0	409.8	411.6	417.0	426.6	435.0	439.2	454.2	466.2	475.8
30°	337.8	345.6	355.2	356.4	362.4	368.4	376.2	380.4	394.2	406.8	418.8
32.5°	285.0	292.8	300.6	305.4	308.4	313.2	321.0	325.2	338.4	349.8	361.8
35°	231.0	240.6	249.0	255.6	258.0	264.0	270.0	274.2	288.0	298.2	306.6
37.5°	190.2	197.4	206.4	213.0	219.6	223.8	231.0	237.0	245.4	250.8	259.8
40°	170.4	174.0	178.8	184.2	189.6	194.4	199.8	204.6	210.0	217.2	223.2
42.5°	163.8	164.4	164.4	166.2	169.2	171.6	176.4	180.0	183.6	189.0	192.0
45°	159.0	158.4	157.2	156.0	156.6	157.8	160.8	163.2	167.4	169.8	170.4
47.5°	156.6	154.2	151.8	150.0	149.4	150.0	152.4	154.8	157.2	159.0	159.6
50°	148.8	147.0	143.4	141.0	139.8	141.0	144.0	145.2	147.6	149.4	150.0
52.5°	141.0	138.6	136.2	133.8	133.8	134.4	136.8	139.2	141.6	142.2	143.4
55°	136.2	132.6	130.2	128.4	127.2	129.0	130.8	133.8	136.8	137.4	138.6
57.5°	131.4	127.8	125.4	123.6	122.4	124.2	126.0	130.2	133.8	133.8	133.8
60°	128.4	125.4	121.8	120.0	118.2	120.0	122.4	126.6	130.2	129.6	129.0
62.5°	120.0	117.0	115.2	115.2	113.4	116.4	118.8	123.6	124.2	123.0	121.8
63°	117.6	115.2	114.0	114.0	112.8	115.8	118.2	122.4	122.4	121.2	120.0
65°	111.6	109.8	108.6	109.8	109.8	112.8	113.4	116.4	115.8	114.0	113.4
67.5°	106.8	105.6	104.4	104.4	104.4	105.0	105.6	106.8	106.2	105.6	106.2
70°	99.0	98.4	97.2	97.2	96.6	96.6	96.6	97.2	97.2	97.8	98.4
72.5°	89.4	88.2	88.2	88.8	87.6	88.2	88.8	88.2	89.4	89.4	90.0
75°	78.6	78.0	79.2	80.4	79.8	79.8	80.4	80.4	81.0	81.0	81.6
77.5°	70.2	70.8	71.4	72.6	73.2	73.2	73.2	72.6	73.2	73.2	73.8
80°	62.4	63.6	64.8	66.0	66.6	66.6	66.6	66.0	66.0	66.0	66.0
82.5°	56.4	58.2	59.4	60.0	60.0	60.0	60.0	60.0	60.0	58.8	57.6
85°	47.4	51.0	51.0	51.6	49.8	48.6	47.4	48.0	48.6	46.2	45.6
87.5°	24.0	24.0	25.2	26.4	27.0	27.0	30.6	28.8	28.2	27.6	26.4
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°	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4
2.5°	639.6	639.0	640.2	639.0	639.6	640.2	639.0	640.8	642.0	640.2	638.4
5°	652.8	652.8	655.8	657.0	657.6	661.2	659.4	660.6	661.8	661.2	661.8
7.5°	661.2	663.6	666.6	669.6	670.2	673.2	672.6	674.4	675.6	678.6	678.6
10°	668.4	671.4	675.6	678.6	681.6	684.0	685.2	688.8	689.4	691.8	691.8
12.5°	675.0	678.6	682.8	687.6	690.6	695.4	696.0	701.4	703.2	703.8	702.0
15°	673.8	678.0	682.8	688.2	693.6	699.6	703.2	708.6	711.6	712.8	709.8
17.5°	662.4	666.0	672.0	679.2	685.8	693.6	700.2	708.0	712.8	714.0	713.4
20°	640.2	642.6	650.4	660.0	667.8	679.8	689.4	701.4	709.2	715.2	717.0
22.5°	596.4	602.4	610.2	621.0	632.4	647.4	661.2	678.6	695.4	709.8	724.2
25°	543.6	554.4	566.4	580.8	594.6	610.2	625.8	645.6	670.2	700.2	734.4
27.5°	490.2	508.8	523.8	542.4	558.6	574.2	591.6	613.2	640.2	676.2	720.0
30°	436.2	457.2	473.4	495.0	516.6	537.6	555.0	577.8	604.2	640.8	688.8
32.5°	378.6	399.6	418.8	438.6	462.6	487.8	508.8	537.0	565.2	603.0	651.6
35°	319.2	337.8	354.0	375.0	401.4	428.4	456.0	488.4	519.0	558.6	610.2
37.5°	267.6	280.8	296.4	315.0	335.4	364.2	395.4	433.8	468.6	511.8	564.6
40°	225.0	232.2	241.2	256.8	275.4	303.6	334.2	375.0	417.0	464.4	515.4
42.5°	192.0	195.6	198.0	208.2	223.2	250.8	280.2	319.8	366.0	417.6	469.2
45°	170.4	172.2	172.8	178.2	189.0	213.0	243.6	277.2	321.6	372.0	426.0
47.5°	160.2	162.0	163.2	164.4	171.0	189.6	217.2	249.0	289.8	336.0	391.2
50°	151.8	153.6	155.4	154.8	157.8	169.8	193.2	222.6	261.0	303.6	358.2
52.5°	143.4	144.6	144.6	144.6	146.4	154.2	171.0	198.0	233.4	273.6	327.6
55°	138.6	139.8	140.4	141.0	141.6	145.8	158.4	180.0	210.6	247.8	296.4
57.5°	133.8	134.4	135.6	136.2	137.4	139.8	147.6	163.2	189.0	220.2	261.0
60°	129.6	130.8	133.2	133.8	135.0	135.6	139.2	148.8	165.6	189.6	222.6
62.5°	123.0	124.8	127.2	127.8	129.0	129.6	130.2	135.6	143.4	157.8	182.4
63°	121.2	123.0	126.0	126.6	127.2	127.2	127.8	131.4	138.6	151.2	169.2
65°	114.6	117.0	118.8	119.4	120.0	120.0	119.4	120.6	121.2	126.6	137.4
67.5°	107.4	109.2	110.4	111.0	110.4	111.0	110.4	109.2	108.0	109.2	114.0
70°	100.2	101.4	101.4	102.0	102.6	103.2	102.0	100.8	99.6	99.0	102.0
72.5°	91.8	93.0	93.0	93.6	93.6	94.8	94.8	94.2	94.2	94.8	95.4
75°	83.4	84.6	84.0	85.2	85.2	87.0	87.0	87.6	88.8	88.2	87.6
77.5°	75.6	76.2	76.2	76.8	77.4	80.4	82.2	82.8	82.8	81.6	80.4
80°	67.2	67.2	66.0	65.4	66.0	69.0	72.6	73.2	75.0	74.4	75.0
82.5°	56.4	54.0	52.2	52.2	53.4	55.2	56.4	57.6	58.8	58.8	60.0
85°	43.2	40.8	39.0	39.6	41.4	42.0	41.4	41.4	43.8	45.6	43.8
87.5°	25.8	23.4	22.2	20.4	21.0	22.8	22.2	20.4	21.0	16.8	15.6
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°	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4
2.5°	639.6	639.0	637.8	636.0	635.4	634.2	634.8	633.0	631.8	630.6	628.8
5°	661.8	661.8	658.2	658.2	656.4	655.8	651.6	649.8	646.2	647.4	643.2
7.5°	677.4	679.2	675.0	674.4	672.0	671.4	666.0	664.2	661.2	660.0	656.4
10°	688.8	688.8	683.4	679.2	676.2	673.2	667.8	665.4	663.0	663.6	661.2
12.5°	697.8	693.6	685.8	679.8	675.6	672.6	668.4	666.6	666.0	670.2	670.8
15°	705.0	699.0	689.4	685.2	681.6	681.0	681.0	682.8	687.0	694.8	700.8
17.5°	709.2	705.6	700.8	699.6	705.6	709.2	714.0	719.4	725.4	736.2	742.8
20°	717.0	719.4	723.0	727.8	737.4	746.4	752.4	760.2	767.4	780.6	791.4
22.5°	737.4	751.2	762.6	772.2	786.6	799.2	807.0	817.8	823.2	832.2	849.0
25°	763.8	792.0	816.0	836.4	858.6	871.8	882.6	896.4	904.8	919.9	934.9
27.5°	756.0	796.2	832.2	870.0	900.6	934.9	958.9	981.7	996.1	1018.3	1038.1
30°	732.0	780.0	828.6	878.4	927.1	976.3	1021.9	1063.3	1095.1	1126.9	1159.3
32.5°	699.6	754.8	814.2	875.4	939.1	1007.5	1070.5	1132.9	1185.7	1231.9	1276.9
35°	662.4	724.8	786.6	862.2	940.9	1027.9	1115.5	1201.9	1282.3	1363.9	1419.1
37.5°	618.0	681.6	750.6	837.6	930.1	1037.5	1149.1	1261.9	1375.9	1485.7	1581.1
40°	570.6	635.4	708.0	802.2	906.6	1031.5	1170.7	1322.5	1479.1	1638.1	1764.7
42.5°	528.6	595.2	674.4	769.8	883.2	1023.7	1188.1	1374.7	1566.1	1762.9	1948.9
45°	487.8	561.0	644.4	747.0	873.0	1029.7	1213.9	1423.3	1644.1	1882.9	2109.7
47.5°	451.2	525.6	606.6	718.8	858.0	1032.7	1239.1	1471.9	1717.9	1976.5	2245.9
50°	418.2	490.2	570.0	682.8	834.6	1030.9	1261.9	1515.7	1781.5	2050.3	2350.9
52.5°	385.8	459.0	540.6	648.0	805.8	1020.7	1272.7	1551.7	1840.3	2124.7	2435.5
55°	354.0	426.0	508.2	615.0	768.0	994.3	1271.5	1575.1	1887.1	2194.9	2517.1
57.5°	316.8	385.2	465.6	578.4	727.8	953.5	1253.5	1585.9	1927.3	2264.5	2614.9
60°	270.6	334.8	412.2	525.0	675.0	901.2	1215.7	1579.9	1950.7	2316.1	2698.3
62.5°	213.6	269.4	340.2	450.6	609.0	826.2	1144.9	1525.3	1913.5	2308.9	2737.3
63°	201.6	254.4	323.4	432.6	580.8	805.8	1123.9	1503.7	1895.5	2293.9	2731.9
65°	162.0	196.2	251.4	349.2	486.0	705.6	1019.5	1392.7	1798.9	2188.3	2653.9
67.5°	124.2	141.6	171.0	239.4	343.8	555.0	825.6	1180.3	1561.3	1927.3	2402.5
70°	106.2	114.0	126.6	159.0	218.4	350.4	579.6	880.2	1210.3	1527.7	1954.9
72.5°	96.6	100.2	106.8	120.6	150.0	210.0	369.6	573.0	823.2	1089.1	1419.1
75°	88.8	91.8	97.2	104.4	115.2	139.8	210.6	350.4	535.2	715.2	957.7
77.5°	81.0	82.8	88.8	95.4	102.6	115.2	139.2	201.6	307.8	421.8	577.2
80°	74.4	73.2	77.4	88.2	95.4	102.6	109.8	130.8	175.2	231.0	312.0
82.5°	59.4	60.6	64.2	75.0	78.0	76.2	77.4	81.0	97.8	106.8	159.6
85°	40.2	37.2	36.6	37.8	37.8	36.0	36.0	35.4	39.0	44.4	76.2
87.5°	10.8	5.4	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°	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	629.4	0°
2.5°	627.6	627.0	627.6	624.6	624.6	624.0	623.4	622.2	622.2	619.8	621.6	2.5°
5°	639.6	638.4	636.0	632.4	630.6	628.2	628.2	625.8	624.0	621.6	622.2	5°
7.5°	653.4	654.0	649.8	646.8	645.6	643.2	643.8	640.2	640.8	639.0	637.8	7.5°
10°	661.2	661.2	662.4	661.8	663.0	663.0	664.8	662.4	661.2	659.4	659.4	10°
12.5°	673.8	676.2	681.0	681.0	684.6	685.8	686.4	687.6	685.2	684.0	679.8	12.5°
15°	705.0	711.0	715.2	721.2	728.4	730.8	730.8	728.4	727.2	725.4	717.6	15°
17.5°	756.6	769.8	773.4	783.0	784.2	787.2	795.6	790.8	787.8	775.2	772.8	17.5°
20°	809.4	826.2	843.0	855.0	861.0	873.0	874.8	872.4	860.4	848.4	843.0	20°
22.5°	873.0	898.2	917.4	936.1	945.1	951.1	964.3	961.3	951.7	933.7	926.5	22.5°
25°	963.1	994.3	1014.7	1037.5	1049.5	1055.5	1068.7	1068.7	1058.5	1053.1	1052.5	25°
27.5°	1076.5	1114.9	1148.5	1156.3	1187.5	1194.7	1207.3	1207.3	1197.7	1191.1	1222.9	27.5°
30°	1202.5	1242.7	1300.9	1339.9	1377.7	1414.9	1414.3	1416.7	1428.1	1434.1	1447.9	30°
32.5°	1328.5	1378.3	1440.1	1524.7	1605.7	1674.7	1764.1	1821.1	1803.7	1755.1	1735.9	32.5°
35°	1481.5	1536.7	1611.7	1696.9	1845.1	1934.5	1977.7	2008.3	2011.9	2018.5	2032.3	35°
37.5°	1651.9	1744.3	1831.3	1927.9	2010.1	2118.7	2218.9	2299.3	2317.9	2355.7	2334.1	37.5°
40°	1867.3	1970.5	2061.7	2186.5	2296.9	2427.7	2571.1	2681.5	2725.9	2711.5	2603.5	40°
42.5°	2092.9	2220.7	2327.5	2474.5	2617.9	2790.8	2939.0	3093.2	3120.8	3009.8	2848.4	42.5°
45°	2300.5	2458.9	2591.5	2744.5	2919.8	3126.8	3324.8	3483.2	3477.8	3287.6	3071.6	45°
47.5°	2487.1	2681.5	2843.6	3042.8	3231.2	3477.8	3705.2	3822.2	3753.2	3528.2	3263.6	47.5°
50°	2641.3	2883.8	3083.6	3285.2	3524.6	3821.6	4040.6	4106.6	3973.4	3728.6	3450.2	50°
52.5°	2765.6	3069.8	3294.2	3526.4	3828.8	4141.4	4329.8	4305.2	4133.0	3881.6	3604.4	52.5°
55°	2870.6	3212.0	3479.6	3753.8	4128.8	4416.8	4542.2	4476.2	4235.6	3980.6	3710.0	55°
57.5°	2979.2	3350.0	3650.0	3968.0	4385.6	4632.9	4702.5	4566.8	4284.2	4018.4	3755.6	57.5°
60°	3087.8	3465.2	3800.6	4155.2	4580.0	4809.3	4790.1	4587.2	4269.8	3990.8	3725.0	60°
62.5°	3161.0	3533.6	3888.2	4270.4	4725.9	4899.3	4781.7	4514.6	4186.4	3882.2	3633.8	62.5°
63°	3162.8	3536.0	3893.6	4278.2	4742.1	4902.3	4765.5	4488.8	4160.0	3860.0	3606.8	63°
65°	3125.0	3491.0	3845.6	4242.8	4728.3	4833.3	4625.7	4336.4	4009.4	3706.4	3466.4	65°
67.5°	2931.8	3305.0	3618.2	3992.6	4481.0	4511.0	4251.2	4017.8	3723.8	3410.0	3159.2	67.5°
70°	2542.3	2852.6	3159.8	3472.4	3882.2	3876.8	3632.6	3513.8	3256.4	2898.8	2697.7	70°
72.5°	2022.1	2300.5	2516.5	2725.9	2996.0	2941.4	2784.2	2817.2	2650.3	2383.3	2263.9	72.5°
75°	1501.3	1807.3	1912.9	1998.1	2112.1	2112.7	2155.9	2249.5	2247.1	2098.9	1948.3	75°
77.5°	984.7	1319.5	1354.9	1423.3	1560.1	1746.1	1938.1	2144.5	2196.1	2079.1	1856.5	77.5°
80°	549.0	897.0	856.2	915.0	1062.7	1315.3	1598.5	1826.5	1960.9	1895.5	1659.7	80°
82.5°	280.8	517.2	494.4	576.0	695.4	915.0	1102.3	1277.5	1435.9	1426.9	1337.5	82.5°
85°	145.8	283.2	322.2	364.8	424.8	503.4	574.2	625.2	691.2	807.6	847.2	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.0	43.2	31.2	85.8	122.4	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°
629.4	629.4	629.4	629.4	629.4	629.4	629.4
622.2	622.8	621.6	621.6	622.2	622.2	621.0
621.0	621.0	619.8	618.6	617.4	617.4	616.2
634.8	634.8	630.6	628.8	625.8	623.4	622.2
655.2	651.6	646.8	643.2	638.4	633.0	630.0
675.6	670.2	664.2	658.8	652.8	646.8	643.8
709.2	702.0	694.2	687.6	679.2	670.2	666.6
760.8	749.4	739.2	729.6	714.6	708.0	700.8
829.2	812.4	799.2	783.0	764.4	758.4	749.4
912.0	897.6	871.2	859.2	840.6	831.6	833.4
1038.1	1019.5	988.9	977.5	975.7	955.9	946.3
1202.5	1203.7	1175.5	1144.9	1128.1	1096.9	1057.3
1436.5	1420.3	1387.3	1356.1	1316.5	1257.7	1191.7
1719.7	1683.7	1629.1	1570.9	1500.7	1410.1	1317.7
1996.3	1933.3	1846.3	1749.1	1647.7	1534.9	1404.1
2239.3	2141.5	2011.3	1899.7	1756.3	1615.3	1455.7
2461.3	2340.1	2172.1	2027.5	1858.3	1677.1	1488.1
2676.1	2522.5	2316.7	2121.1	1929.7	1718.5	1503.7
2880.8	2682.7	2438.5	2205.7	1981.9	1745.5	1506.1
3038.0	2822.0	2547.7	2266.9	2017.9	1765.9	1506.1
3183.8	2939.6	2631.1	2314.9	2051.5	1779.7	1507.3
3297.2	3022.4	2685.1	2349.1	2077.9	1789.9	1512.7
3379.4	3076.4	2721.1	2370.1	2097.1	1804.3	1524.7
3437.0	3111.8	2740.9	2388.7	2120.5	1829.5	1558.3
3464.6	3177.2	2774.0	2425.9	2160.7	1882.9	1625.5
3443.6	3278.6	2868.2	2488.9	2216.5	1966.3	1732.9
3434.6	3297.2	2894.0	2502.7	2229.1	1984.3	1770.1
3364.4	3315.8	3000.2	2572.3	2289.1	2064.1	1873.9
3146.6	3242.6	3089.6	2689.9	2418.1	2257.9	2067.7
2864.6	3134.0	3073.4	2704.9	2500.3	2416.9	2190.1
2526.7	2805.8	2749.3	2505.1	2409.7	2418.7	2158.3
1988.5	2197.9	2160.7	2074.9	2094.1	2160.1	1848.7
1593.1	1564.9	1479.1	1485.1	1596.1	1673.5	1330.9
1301.5	1053.7	942.1	945.1	1138.9	1219.3	847.8
1238.5	996.7	811.8	709.2	828.6	798.0	442.8
882.0	883.8	733.2	595.8	577.2	490.8	276.0
208.8	167.4	119.4	88.8	93.6	61.8	31.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)