

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: P181123

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181123
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-SLR
Description: ICON SITE SMALL LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
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

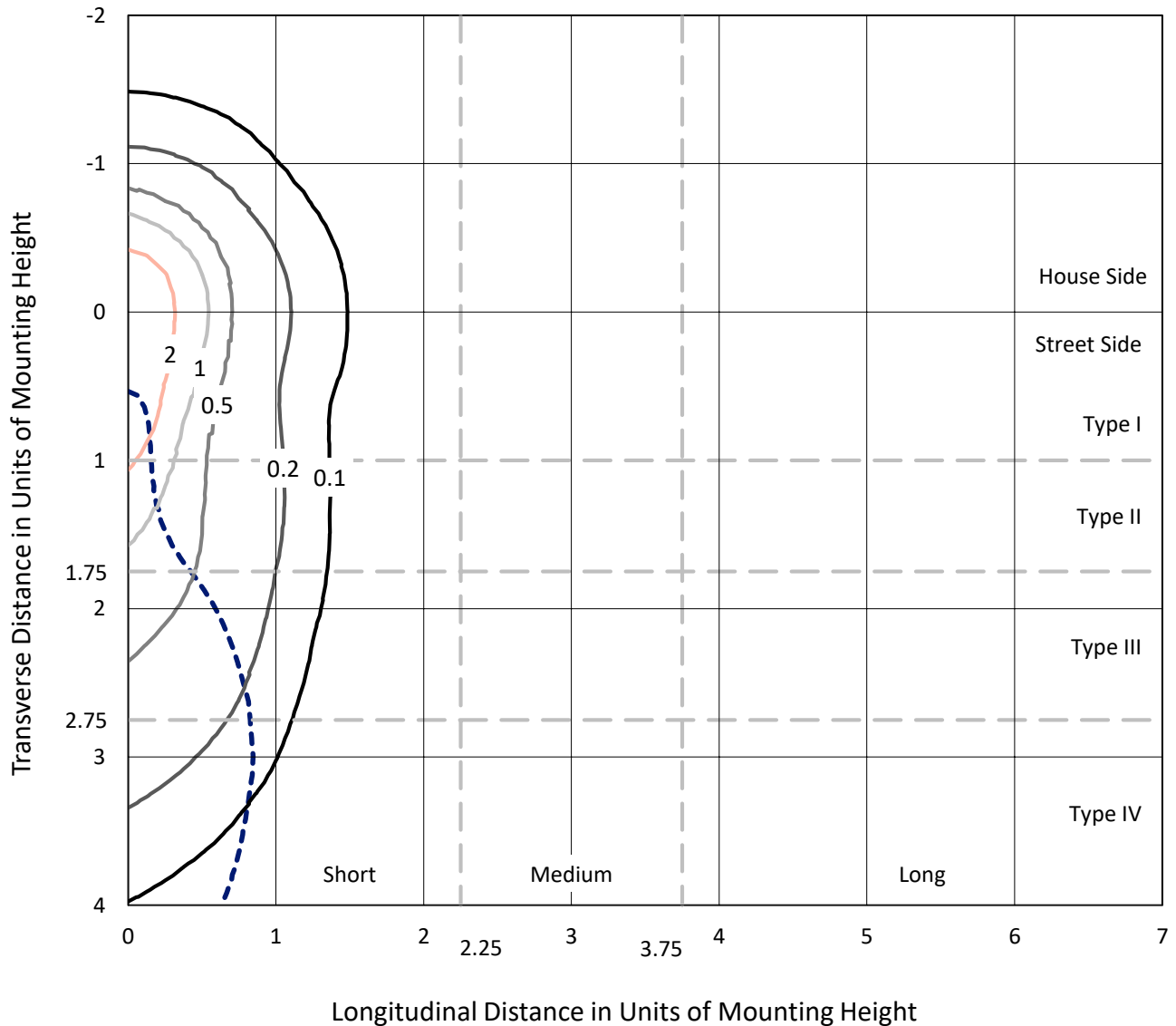
Input Watts (W): 25.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

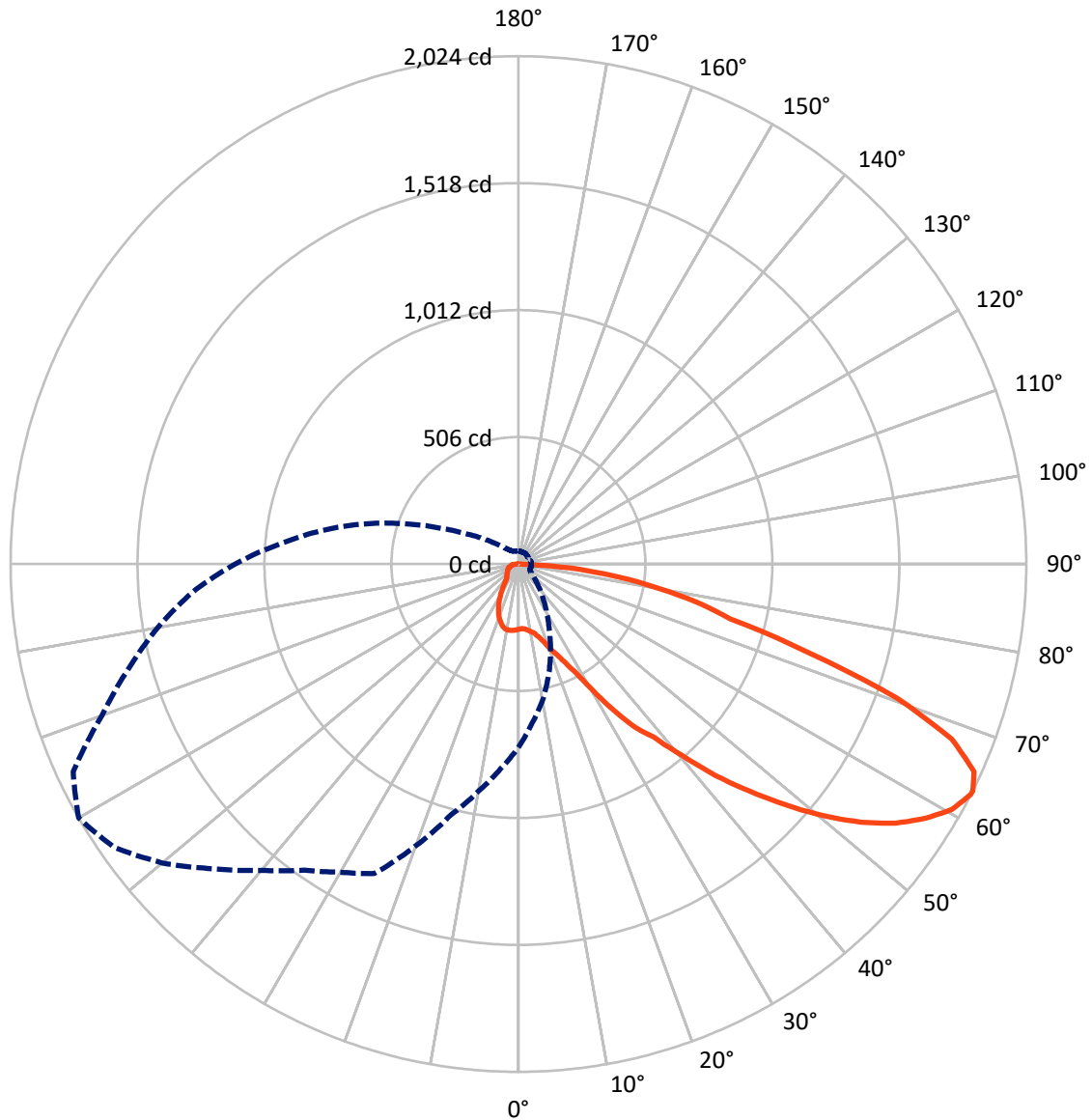
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.3 fc
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Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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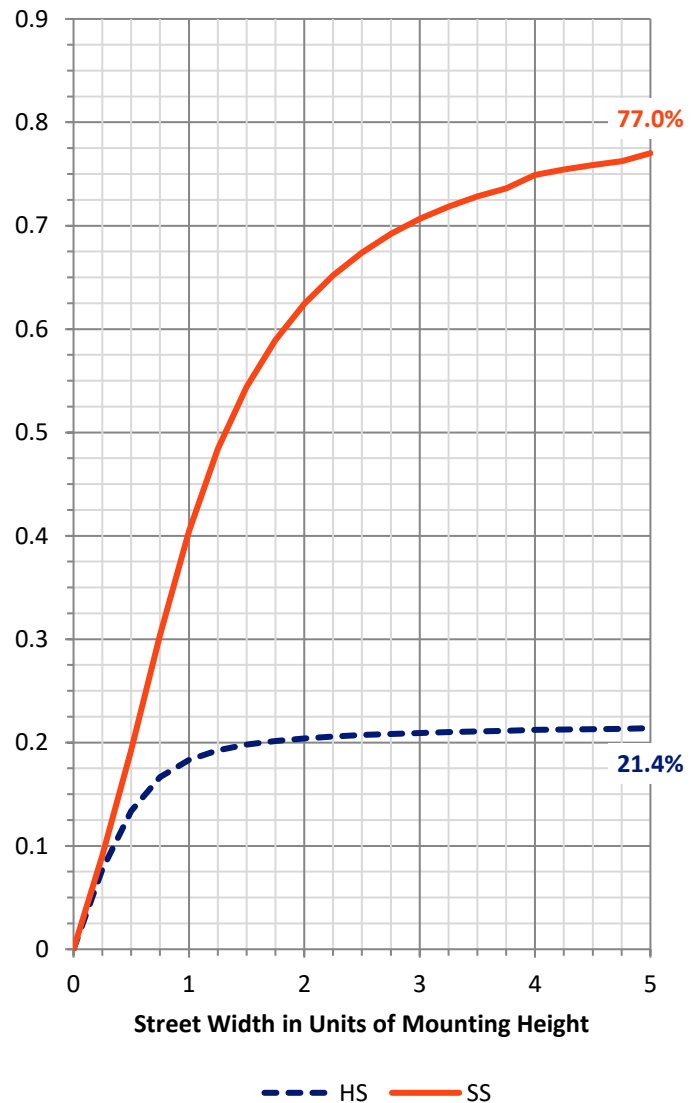
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	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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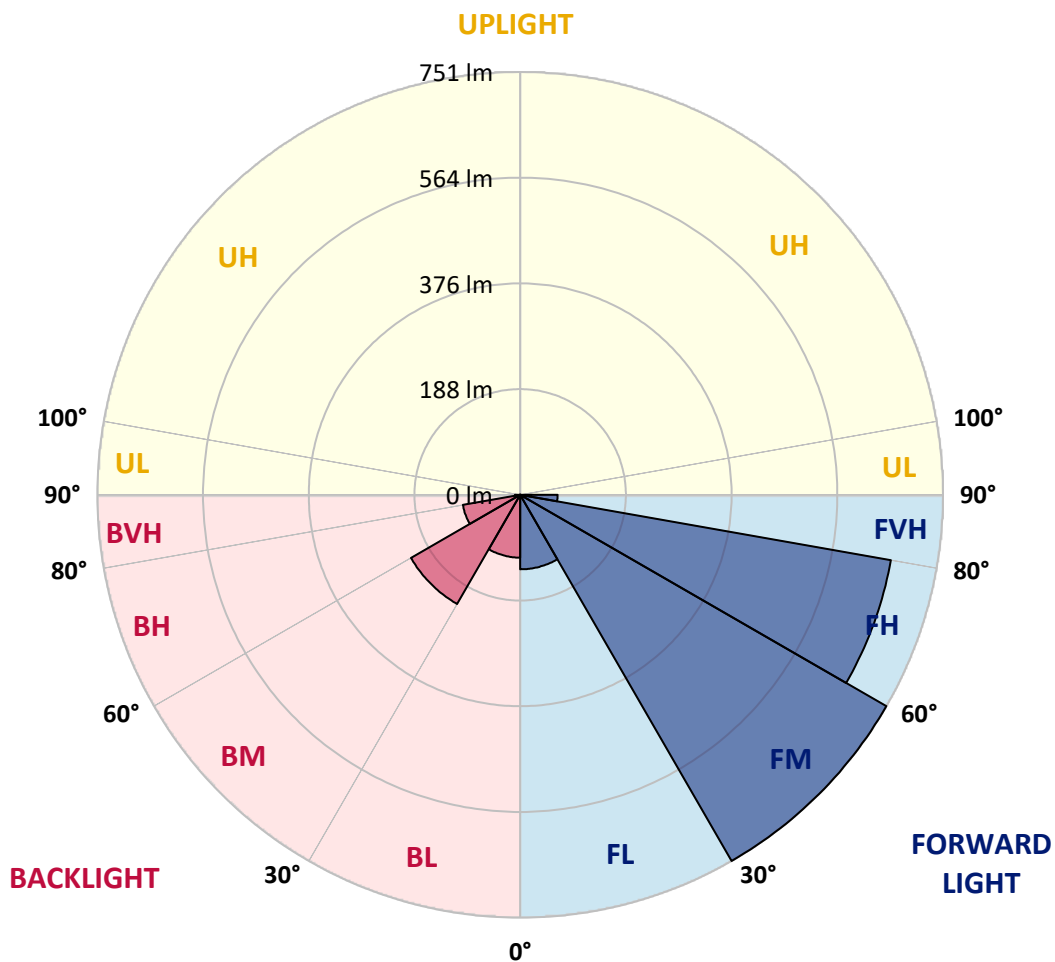
CATALOG NUMBER: ICS-F01-LED-E1-SLR

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

	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°	261.8	262.3	262.8	262.8	263.3	263.0	263.3	263.5	263.5	263.8	263.8
5°	263.3	264.0	265.0	266.0	266.2	267.0	267.7	267.2	268.0	269.0	269.0
7.5°	263.8	265.5	266.2	267.7	268.0	269.0	270.7	269.5	271.0	271.7	271.9
10°	263.0	264.8	266.0	267.7	268.5	270.2	271.9	271.4	273.2	274.4	274.7
12.5°	258.6	260.3	263.0	265.5	267.5	270.2	273.4	272.4	274.9	276.4	277.1
15°	249.9	251.6	254.6	258.6	262.3	266.5	270.7	271.4	273.9	275.7	276.4
17.5°	236.3	238.5	241.7	245.9	250.6	257.8	263.3	266.0	269.5	270.5	271.7
20°	223.6	225.9	227.9	230.3	233.8	240.7	247.9	253.4	257.8	261.5	262.5
22.5°	206.8	208.8	211.3	213.2	215.7	220.7	226.6	232.8	239.7	242.0	244.5
25°	186.5	187.7	191.2	192.4	194.2	198.4	203.1	207.5	214.2	218.9	220.2
27.5°	164.7	165.9	169.2	169.9	172.1	176.1	179.6	181.3	187.5	192.4	196.4
30°	139.4	142.7	146.6	147.1	149.6	152.1	155.3	157.0	162.7	167.9	172.9
32.5°	117.6	120.9	124.1	126.1	127.3	129.3	132.5	134.2	139.7	144.4	149.3
35°	95.4	99.3	102.8	105.5	106.5	109.0	111.5	113.2	118.9	123.1	126.6
37.5°	78.5	81.5	85.2	87.9	90.6	92.4	95.4	97.8	101.3	103.5	107.2
40°	70.3	71.8	73.8	76.0	78.3	80.2	82.5	84.5	86.7	89.7	92.1
42.5°	67.6	67.9	67.9	68.6	69.8	70.8	72.8	74.3	75.8	78.0	79.3
45°	65.6	65.4	64.9	64.4	64.6	65.1	66.4	67.4	69.1	70.1	70.3
47.5°	64.6	63.7	62.7	61.9	61.7	61.9	62.9	63.9	64.9	65.6	65.9
50°	61.4	60.7	59.2	58.2	57.7	58.2	59.4	59.9	60.9	61.7	61.9
52.5°	58.2	57.2	56.2	55.2	55.2	55.5	56.5	57.5	58.5	58.7	59.2
55°	56.2	54.7	53.7	53.0	52.5	53.2	54.0	55.2	56.5	56.7	57.2
57.5°	54.2	52.8	51.8	51.0	50.5	51.3	52.0	53.7	55.2	55.2	55.2
60°	53.0	51.8	50.3	49.5	48.8	49.5	50.5	52.3	53.7	53.5	53.2
62.5°	49.5	48.3	47.6	47.6	46.8	48.0	49.0	51.0	51.3	50.8	50.3
63°	48.5	47.6	47.1	47.1	46.6	47.8	48.8	50.5	50.5	50.0	49.5
65°	46.1	45.3	44.8	45.3	45.3	46.6	46.8	48.0	47.8	47.1	46.8
67.5°	44.1	43.6	43.1	43.1	43.1	43.3	43.6	44.1	43.8	43.6	43.8
70°	40.9	40.6	40.1	40.1	39.9	39.9	39.9	40.1	40.1	40.4	40.6
72.5°	36.9	36.4	36.4	36.7	36.2	36.4	36.7	36.4	36.9	36.9	37.2
75°	32.4	32.2	32.7	33.2	32.9	32.9	33.2	33.2	33.4	33.4	33.7
77.5°	29.0	29.2	29.5	30.0	30.2	30.2	30.2	30.0	30.2	30.2	30.5
80°	25.8	26.3	26.7	27.2	27.5	27.5	27.5	27.2	27.2	27.2	27.2
82.5°	23.3	24.0	24.5	24.8	24.8	24.8	24.8	24.8	24.8	24.3	23.8
85°	19.6	21.1	21.1	21.3	20.6	20.1	19.6	19.8	20.1	19.1	18.8
87.5°	9.9	9.9	10.4	10.9	11.1	11.1	12.6	11.9	11.6	11.4	10.9
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):

	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°	264.0	263.8	264.3	263.8	264.0	264.3	263.8	264.5	265.0	264.3	263.5
5°	269.5	269.5	270.7	271.2	271.4	272.9	272.2	272.7	273.2	272.9	273.2
7.5°	272.9	273.9	275.2	276.4	276.6	277.9	277.6	278.4	278.9	280.1	280.1
10°	275.9	277.1	278.9	280.1	281.4	282.3	282.8	284.3	284.6	285.6	285.6
12.5°	278.6	280.1	281.8	283.8	285.1	287.1	287.3	289.5	290.3	290.5	289.8
15°	278.1	279.9	281.8	284.1	286.3	288.8	290.3	292.5	293.7	294.2	293.0
17.5°	273.4	274.9	277.4	280.4	283.1	286.3	289.0	292.3	294.2	294.7	294.5
20°	264.3	265.3	268.5	272.4	275.7	280.6	284.6	289.5	292.7	295.2	296.0
22.5°	246.2	248.7	251.9	256.3	261.0	267.2	272.9	280.1	287.1	293.0	298.9
25°	224.4	228.8	233.8	239.7	245.4	251.9	258.3	266.5	276.6	289.0	303.1
27.5°	202.3	210.0	216.2	223.9	230.6	237.0	244.2	253.1	264.3	279.1	297.2
30°	180.1	188.7	195.4	204.3	213.2	221.9	229.1	238.5	249.4	264.5	284.3
32.5°	156.3	164.9	172.9	181.0	191.0	201.4	210.0	221.7	233.3	248.9	269.0
35°	131.8	139.4	146.1	154.8	165.7	176.8	188.2	201.6	214.2	230.6	251.9
37.5°	110.5	115.9	122.3	130.0	138.4	150.3	163.2	179.1	193.4	211.3	233.1
40°	92.9	95.8	99.6	106.0	113.7	125.3	138.0	154.8	172.1	191.7	212.7
42.5°	79.3	80.7	81.7	85.9	92.1	103.5	115.7	132.0	151.1	172.4	193.7
45°	70.3	71.1	71.3	73.6	78.0	87.9	100.6	114.4	132.8	153.6	175.8
47.5°	66.1	66.9	67.4	67.9	70.6	78.3	89.7	102.8	119.6	138.7	161.5
50°	62.7	63.4	64.1	63.9	65.1	70.1	79.8	91.9	107.7	125.3	147.9
52.5°	59.2	59.7	59.7	59.7	60.4	63.7	70.6	81.7	96.3	112.9	135.2
55°	57.2	57.7	58.0	58.2	58.5	60.2	65.4	74.3	86.9	102.3	122.3
57.5°	55.2	55.5	56.0	56.2	56.7	57.7	60.9	67.4	78.0	90.9	107.7
60°	53.5	54.0	55.0	55.2	55.7	56.0	57.5	61.4	68.4	78.3	91.9
62.5°	50.8	51.5	52.5	52.8	53.2	53.5	53.7	56.0	59.2	65.1	75.3
63°	50.0	50.8	52.0	52.3	52.5	52.5	52.8	54.2	57.2	62.4	69.8
65°	47.3	48.3	49.0	49.3	49.5	49.5	49.3	49.8	50.0	52.3	56.7
67.5°	44.3	45.1	45.6	45.8	45.6	45.8	45.6	45.1	44.6	45.1	47.1
70°	41.4	41.9	41.9	42.1	42.4	42.6	42.1	41.6	41.1	40.9	42.1
72.5°	37.9	38.4	38.4	38.6	38.6	39.1	39.1	38.9	38.9	39.1	39.4
75°	34.4	34.9	34.7	35.2	35.2	35.9	35.9	36.2	36.7	36.4	36.2
77.5°	31.2	31.5	31.5	31.7	31.9	33.2	33.9	34.2	34.2	33.7	33.2
80°	27.7	27.7	27.2	27.0	27.2	28.5	30.0	30.2	31.0	30.7	31.0
82.5°	23.3	22.3	21.5	21.5	22.0	22.8	23.3	23.8	24.3	24.3	24.8
85°	17.8	16.8	16.1	16.3	17.1	17.3	17.1	17.1	18.1	18.8	18.1
87.5°	10.6	9.7	9.2	8.4	8.7	9.4	9.2	8.4	8.7	6.9	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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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°	264.0	263.8	263.3	262.5	262.3	261.8	262.0	261.3	260.8	260.3	259.6
5°	273.2	273.2	271.7	271.7	271.0	270.7	269.0	268.2	266.7	267.2	265.5
7.5°	279.6	280.4	278.6	278.4	277.4	277.1	274.9	274.2	272.9	272.4	271.0
10°	284.3	284.3	282.1	280.4	279.1	277.9	275.7	274.7	273.7	273.9	272.9
12.5°	288.0	286.3	283.1	280.6	278.9	277.6	275.9	275.2	274.9	276.6	276.9
15°	291.0	288.5	284.6	282.8	281.4	281.1	281.1	281.8	283.6	286.8	289.3
17.5°	292.7	291.3	289.3	288.8	291.3	292.7	294.7	297.0	299.4	303.9	306.6
20°	296.0	297.0	298.4	300.4	304.4	308.1	310.6	313.8	316.8	322.2	326.7
22.5°	304.4	310.1	314.8	318.8	324.7	329.9	333.1	337.6	339.8	343.5	350.5
25°	315.3	326.9	336.8	345.3	354.4	359.9	364.3	370.0	373.5	379.7	385.9
27.5°	312.1	328.7	343.5	359.1	371.8	385.9	395.8	405.2	411.1	420.3	428.5
30°	302.2	322.0	342.0	362.6	382.7	403.0	421.8	438.9	452.0	465.1	478.5
32.5°	288.8	311.6	336.1	361.4	387.6	415.8	441.8	467.6	489.4	508.5	527.0
35°	273.4	299.2	324.7	355.9	388.3	424.3	460.4	496.1	529.3	563.0	585.7
37.5°	255.1	281.4	309.8	345.7	383.9	428.2	474.3	520.9	567.9	613.2	652.6
40°	235.5	262.3	292.3	331.1	374.2	425.7	483.2	545.9	610.5	676.1	728.4
42.5°	218.2	245.7	278.4	317.8	364.6	422.5	490.4	567.4	646.4	727.7	804.4
45°	201.4	231.6	266.0	308.4	360.4	425.0	501.0	587.5	678.6	777.2	870.8
47.5°	186.2	217.0	250.4	296.7	354.2	426.2	511.4	607.5	709.1	815.8	927.0
50°	172.6	202.3	235.3	281.8	344.5	425.5	520.9	625.6	735.3	846.3	970.4
52.5°	159.3	189.5	223.2	267.5	332.6	421.3	525.3	640.5	759.6	877.0	1005.3
55°	146.1	175.8	209.8	253.9	317.0	410.4	524.8	650.1	778.9	906.0	1039.0
57.5°	130.8	159.0	192.2	238.8	300.4	393.5	517.4	654.6	795.5	934.7	1079.3
60°	111.7	138.2	170.1	216.7	278.6	372.0	501.8	652.1	805.2	956.0	1113.8
62.5°	88.2	111.2	140.4	186.0	251.4	341.0	472.6	629.6	789.8	953.0	1129.9
63°	83.2	105.0	133.5	178.6	239.7	332.6	463.9	620.7	782.4	946.8	1127.6
65°	66.9	81.0	103.8	144.1	200.6	291.3	420.8	574.8	742.5	903.3	1095.4
67.5°	51.3	58.5	70.6	98.8	141.9	229.1	340.8	487.2	644.4	795.5	991.7
70°	43.8	47.1	52.3	65.6	90.2	144.6	239.3	363.3	499.6	630.6	806.9
72.5°	39.9	41.4	44.1	49.8	61.9	86.7	152.6	236.5	339.8	449.5	585.7
75°	36.7	37.9	40.1	43.1	47.6	57.7	86.9	144.6	220.9	295.2	395.3
77.5°	33.4	34.2	36.7	39.4	42.4	47.6	57.5	83.2	127.1	174.1	238.3
80°	30.7	30.2	31.9	36.4	39.4	42.4	45.3	54.0	72.3	95.4	128.8
82.5°	24.5	25.0	26.5	31.0	32.2	31.5	31.9	33.4	40.4	44.1	65.9
85°	16.6	15.4	15.1	15.6	15.6	14.9	14.9	14.6	16.1	18.3	31.5
87.5°	4.5	2.2	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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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°	259.1	258.8	259.1	257.8	257.8	257.6	257.3	256.8	256.8	255.8	256.6	2.5°
5°	264.0	263.5	262.5	261.0	260.3	259.3	259.3	258.3	257.6	256.6	256.8	5°
7.5°	269.7	270.0	268.2	267.0	266.5	265.5	265.8	264.3	264.5	263.8	263.3	7.5°
10°	272.9	272.9	273.4	273.2	273.7	273.7	274.4	273.4	272.9	272.2	272.2	10°
12.5°	278.1	279.1	281.1	281.1	282.6	283.1	283.3	283.8	282.8	282.3	280.6	12.5°
15°	291.0	293.5	295.2	297.7	300.7	301.7	301.7	300.7	300.2	299.4	296.2	15°
17.5°	312.3	317.8	319.2	323.2	323.7	324.9	328.4	326.4	325.2	320.0	319.0	17.5°
20°	334.1	341.0	348.0	352.9	355.4	360.4	361.1	360.1	355.2	350.2	348.0	20°
22.5°	360.4	370.8	378.7	386.4	390.1	392.6	398.0	396.8	392.8	385.4	382.4	22.5°
25°	397.5	410.4	418.8	428.2	433.2	435.7	441.1	441.1	436.9	434.7	434.4	25°
27.5°	444.3	460.2	474.0	477.3	490.1	493.1	498.3	498.3	494.4	491.6	504.8	27.5°
30°	496.3	512.9	537.0	553.0	568.7	584.0	583.8	584.8	589.5	591.9	597.6	30°
32.5°	548.3	568.9	594.4	629.3	662.8	691.2	728.2	751.7	744.5	724.4	716.5	32.5°
35°	611.5	634.3	665.2	700.4	761.6	798.5	816.3	829.0	830.4	833.2	838.9	35°
37.5°	681.8	720.0	755.9	795.8	829.7	874.5	915.9	949.1	956.8	972.4	963.4	37.5°
40°	770.8	813.4	851.0	902.5	948.1	1002.1	1061.3	1106.8	1125.2	1119.2	1074.6	40°
42.5°	863.9	916.6	960.7	1021.4	1080.6	1151.9	1213.1	1276.7	1288.1	1242.3	1175.7	42.5°
45°	949.6	1015.0	1069.7	1132.8	1205.2	1290.6	1372.3	1437.7	1435.5	1357.0	1267.8	45°
47.5°	1026.6	1106.8	1173.7	1255.9	1333.7	1435.5	1529.4	1577.7	1549.2	1456.3	1347.1	47.5°
50°	1090.2	1190.3	1272.8	1356.0	1454.8	1577.4	1667.8	1695.1	1640.1	1539.0	1424.1	50°
52.5°	1141.5	1267.1	1359.7	1455.6	1580.4	1709.4	1787.2	1777.0	1706.0	1602.2	1487.8	52.5°
55°	1184.9	1325.8	1436.2	1549.4	1704.2	1823.1	1874.9	1847.6	1748.3	1643.0	1531.3	55°
57.5°	1229.7	1382.7	1506.6	1637.8	1810.2	1912.3	1941.0	1885.0	1768.4	1658.7	1550.2	57.5°
60°	1274.5	1430.3	1568.7	1715.1	1890.5	1985.1	1977.2	1893.4	1762.4	1647.3	1537.5	60°
62.5°	1304.7	1458.5	1604.9	1762.7	1950.7	2022.2	1973.7	1863.5	1728.0	1602.4	1499.9	62.5°
63°	1305.5	1459.5	1607.1	1765.9	1957.3	2023.5	1967.0	1852.8	1717.1	1593.3	1488.8	63°
65°	1289.9	1440.9	1587.3	1751.3	1951.6	1995.0	1909.3	1789.9	1654.9	1529.9	1430.8	65°
67.5°	1210.1	1364.2	1493.5	1648.0	1849.6	1862.0	1754.7	1658.4	1537.0	1407.5	1304.0	67.5°
70°	1049.4	1177.4	1304.2	1433.3	1602.4	1600.2	1499.4	1450.4	1344.1	1196.5	1113.5	70°
72.5°	834.7	949.6	1038.7	1125.2	1236.6	1214.1	1149.2	1162.8	1094.0	983.7	934.5	72.5°
75°	619.7	746.0	789.6	824.7	871.8	872.0	889.9	928.5	927.5	866.4	804.2	75°
77.5°	406.4	544.6	559.2	587.5	643.9	720.7	800.0	885.2	906.5	858.2	766.3	77.5°
80°	226.6	370.3	353.4	377.7	438.6	542.9	659.8	753.9	809.4	782.4	685.1	80°
82.5°	115.9	213.5	204.1	237.8	287.1	377.7	455.0	527.3	592.7	589.0	552.1	82.5°
85°	60.2	116.9	133.0	150.6	175.4	207.8	237.0	258.1	285.3	333.4	349.7	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0	17.8	12.9	35.4	50.5	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
256.8	257.1	256.6	256.6	256.8	256.8	256.3
256.3	256.3	255.8	255.3	254.9	254.9	254.4
262.0	262.0	260.3	259.6	258.3	257.3	256.8
270.5	269.0	267.0	265.5	263.5	261.3	260.1
278.9	276.6	274.2	271.9	269.5	267.0	265.8
292.7	289.8	286.6	283.8	280.4	276.6	275.2
314.0	309.3	305.1	301.2	295.0	292.3	289.3
342.3	335.3	329.9	323.2	315.5	313.1	309.3
376.5	370.5	359.6	354.7	347.0	343.3	344.0
428.5	420.8	408.2	403.5	402.7	394.5	390.6
496.3	496.8	485.2	472.6	465.6	452.7	436.4
592.9	586.2	572.6	559.7	543.4	519.1	491.9
709.8	695.0	672.4	648.4	619.4	582.0	543.9
824.0	798.0	762.1	722.0	680.1	633.5	579.6
924.3	883.9	830.2	784.1	724.9	666.7	600.8
1015.9	965.9	896.6	836.9	767.0	692.2	614.2
1104.6	1041.2	956.3	875.5	796.5	709.3	620.7
1189.1	1107.3	1006.5	910.4	818.1	720.5	621.7
1254.0	1164.8	1051.6	935.7	832.9	728.9	621.7
1314.1	1213.3	1086.0	955.5	846.8	734.6	622.1
1361.0	1247.5	1108.3	969.6	857.7	738.8	624.4
1394.9	1269.8	1123.2	978.3	865.6	744.7	629.3
1418.7	1284.4	1131.4	986.0	875.3	755.1	643.2
1430.1	1311.4	1145.0	1001.3	891.9	777.2	670.9
1421.4	1353.3	1183.9	1027.3	914.9	811.6	715.3
1417.7	1361.0	1194.5	1033.0	920.1	819.0	730.6
1388.7	1368.6	1238.4	1061.8	944.9	852.0	773.5
1298.8	1338.4	1275.3	1110.3	998.1	932.0	853.5
1182.4	1293.6	1268.6	1116.5	1032.0	997.6	904.0
1042.9	1158.1	1134.8	1034.0	994.6	998.4	890.9
820.8	907.2	891.9	856.4	864.4	891.6	763.1
657.6	645.9	610.5	613.0	658.8	690.8	549.3
537.2	434.9	388.8	390.1	470.1	503.3	350.0
511.2	411.4	335.1	292.7	342.0	329.4	182.8
364.1	364.8	302.7	245.9	238.3	202.6	113.9
86.2	69.1	49.3	36.7	38.6	25.5	12.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)