

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: P153283

Luminaire Tested: **VXS-F01-LED-E1-SLR-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P153283
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: VXS-F01-LED-E1-SLR-8030
Description: VISION SITE SMALL LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (7) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1938.6 lumens
Efficiency: N/A
Efficacy: 74.9 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B0 - 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



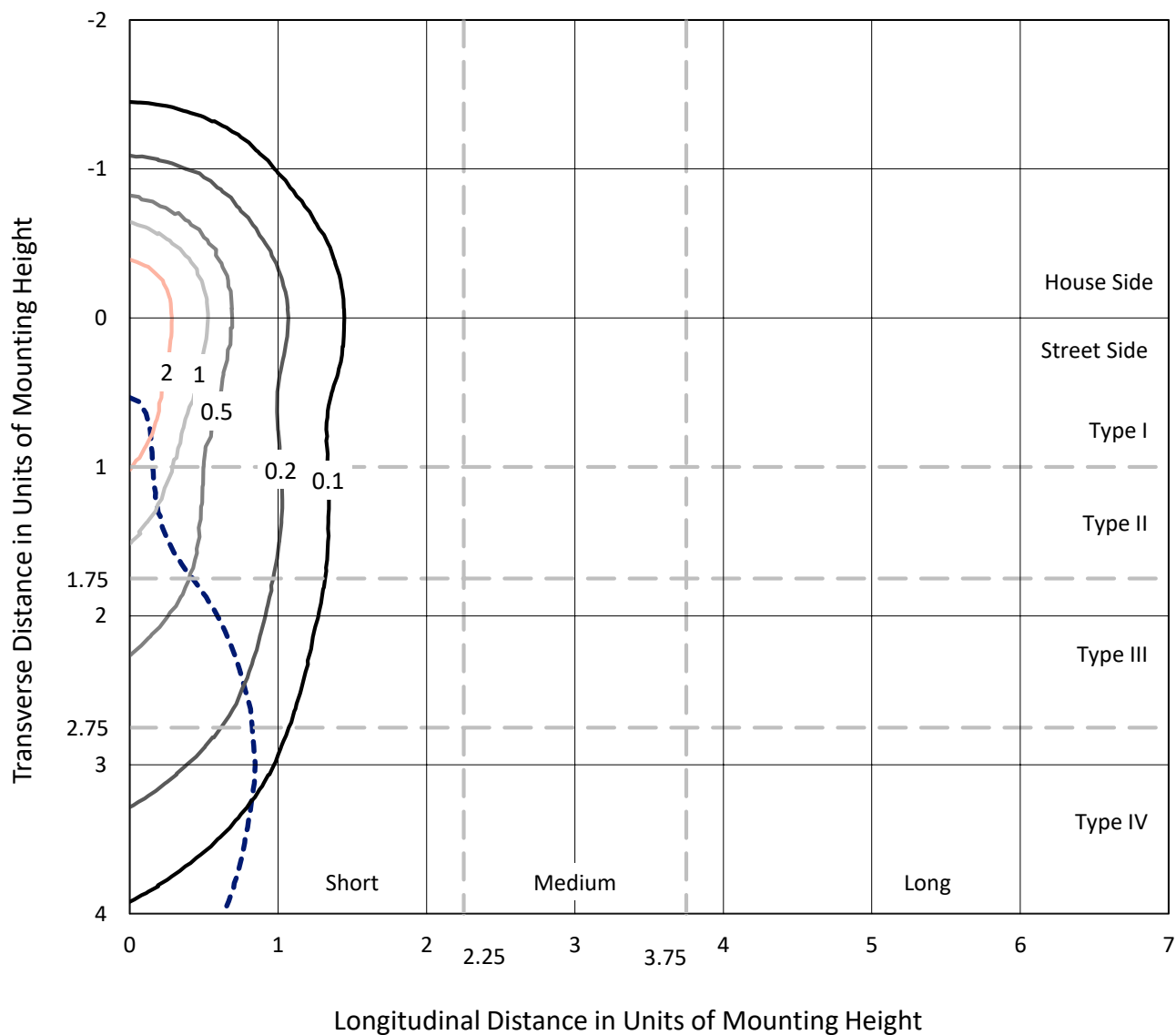
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

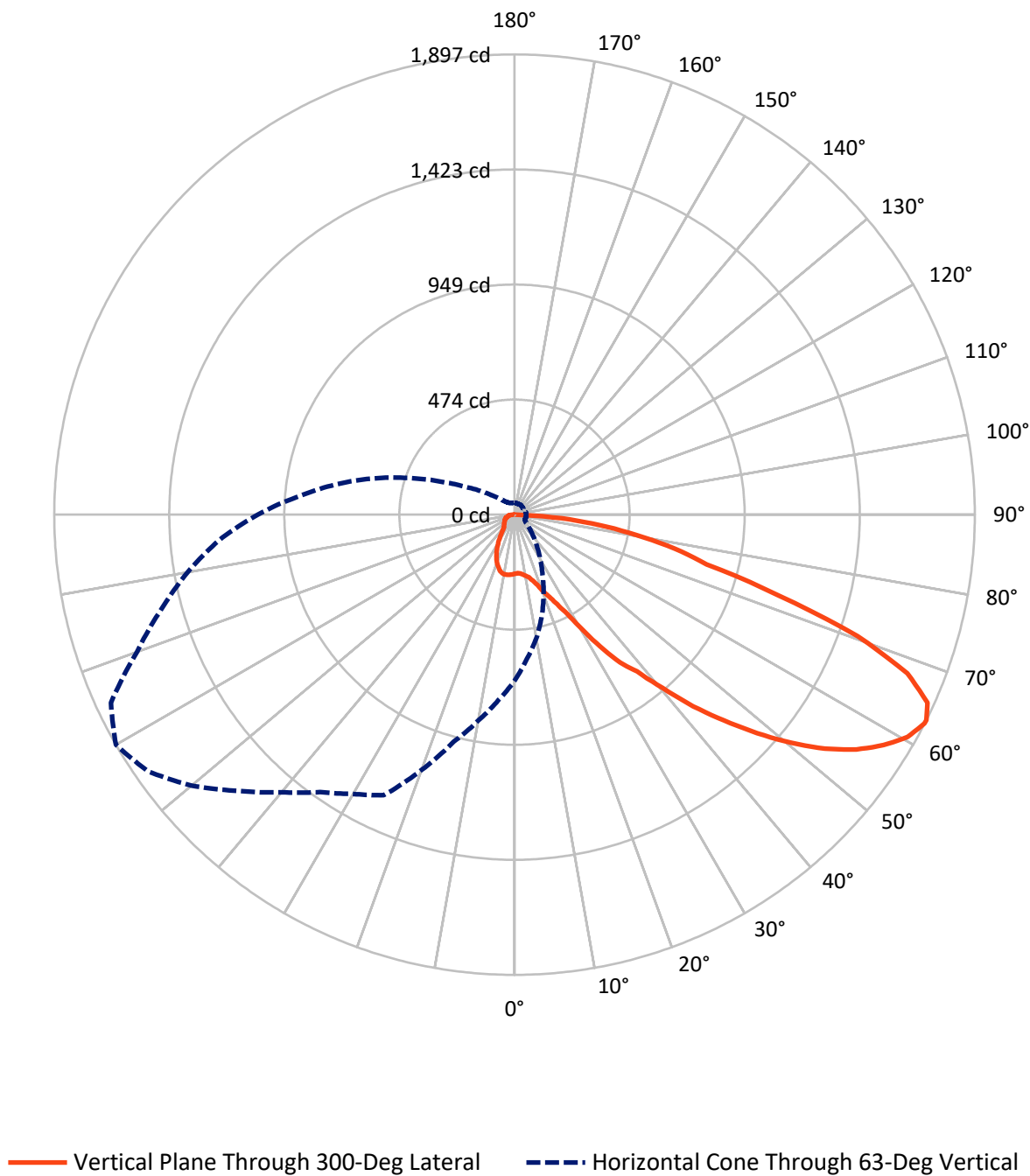


Based on 10 foot mounting height. Maximum calculated value = 3.1 fc
Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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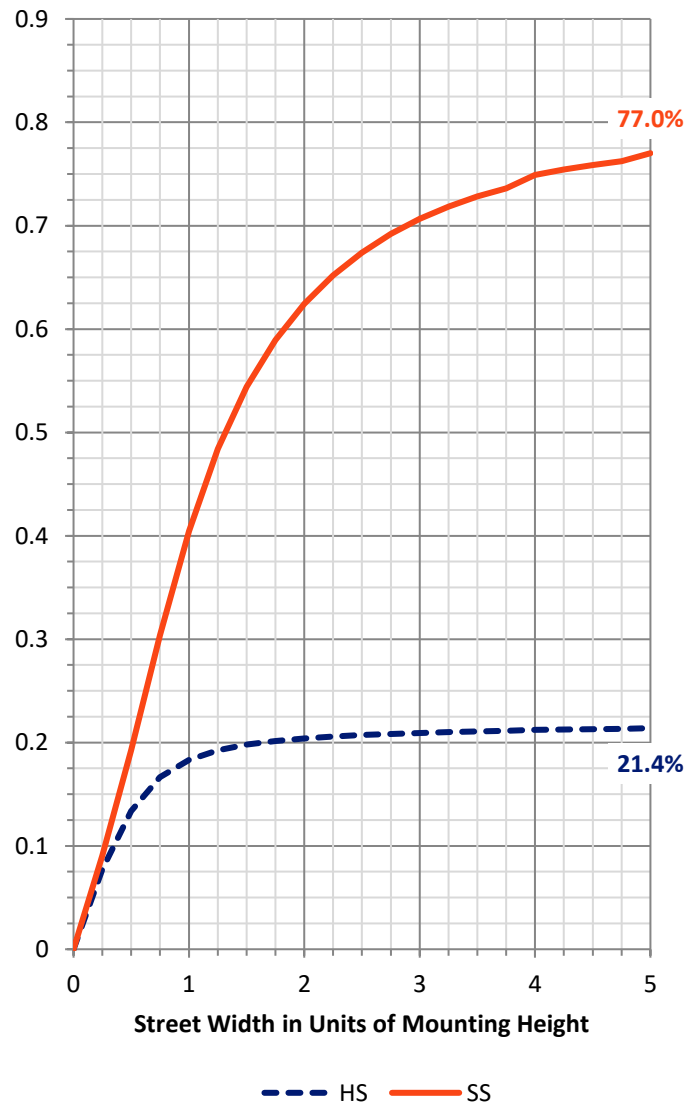
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	420.4	0.0	420.4
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	1518.3	0.0	1518.3
	% Fixture	78.3	0.0	78.3
Total	Lumens	1938.6	0.0	1938.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.7	1.2
10°-20°	73.9	3.8
20°-30°	131.2	6.8
30°-40°	206.6	10.7
40°-50°	304.1	15.7
50°-60°	403.9	20.8
60°-70°	444.9	23.0
70°-80°	279.1	14.4
80°-90°	71.1	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°	1938.6	100.0
0°-180°	1938.6	100.0

Coefficient of Utilization



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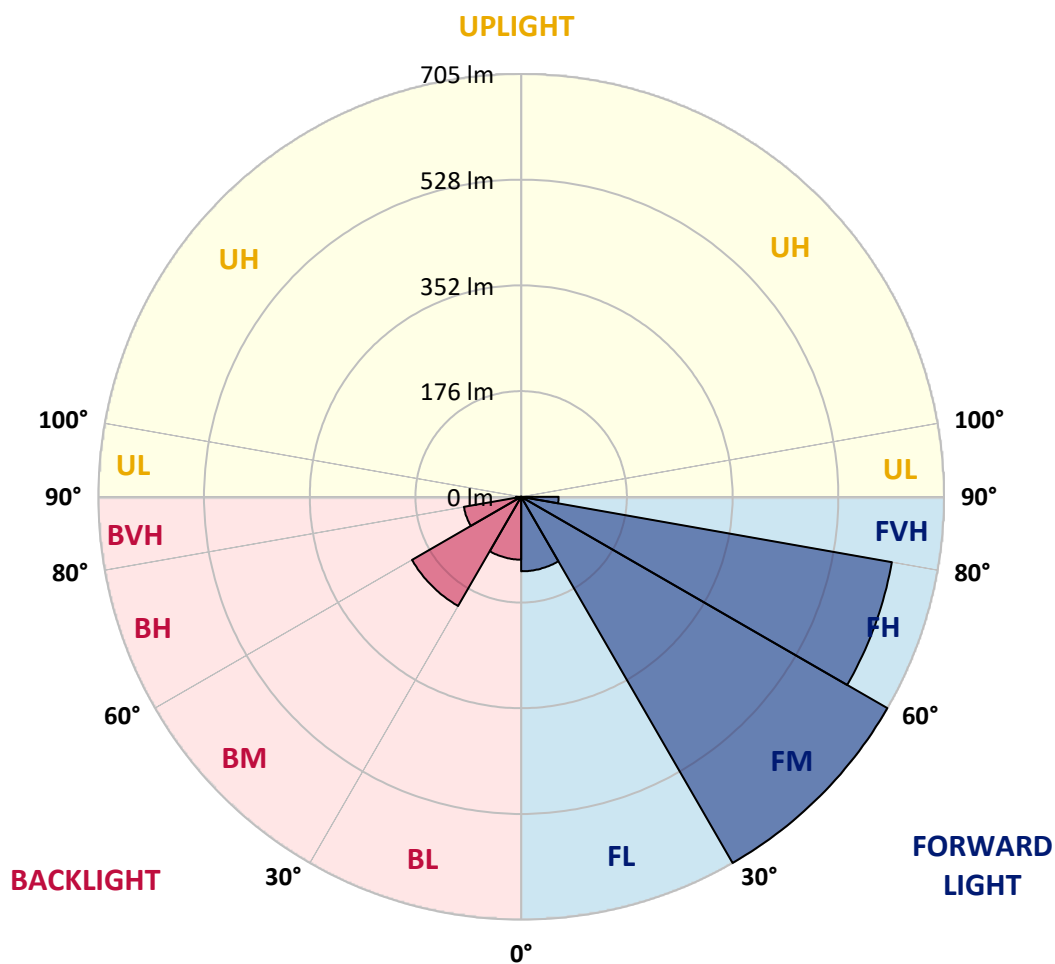
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	124.1	6.4			
FM	(30°-60°)	704.5	36.3			
FH	(60°-80°)	627.2	32.4			G0/660
FVH	(80°-90°)	62.4	3.2			G1/100
BL	(0°-30°)	104.7	5.4	B0/110		
BM	(30°-60°)	210.1	10.8	B0/220		
BH	(60°-80°)	96.9	5.0	B0/110		G0/110
BVH	(80°-90°)	8.7	0.4			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6
2.5°	240.4	241.0	240.8	240.8	241.3	241.0	241.0	241.3	241.3	242.0	242.9
5°	238.5	238.2	237.8	238.2	238.2	238.2	237.3	238.0	238.2	238.8	238.8
7.5°	240.8	240.1	239.2	239.5	239.5	239.0	238.2	238.5	238.2	238.2	238.0
10°	243.8	242.3	241.0	241.0	241.0	240.6	239.5	240.1	240.1	239.9	240.1
12.5°	249.2	247.4	245.9	245.5	245.5	244.8	243.8	244.8	244.4	244.4	243.8
15°	258.0	256.0	254.3	253.0	253.2	253.2	252.0	251.3	250.4	249.2	246.8
17.5°	271.3	268.9	266.8	265.7	265.9	264.2	261.0	257.8	253.4	249.0	244.0
20°	290.1	289.3	286.6	285.4	282.6	278.7	269.6	262.0	253.4	245.0	236.7
22.5°	322.6	319.4	316.6	312.1	302.8	291.9	276.8	263.3	249.8	238.0	226.9
25°	366.2	360.4	346.7	333.3	314.2	294.7	274.3	256.9	240.1	224.6	210.9
27.5°	409.2	391.6	367.2	342.8	314.9	289.3	263.8	243.2	223.6	206.7	191.6
30°	461.2	431.5	394.1	355.5	316.1	281.8	251.1	226.9	204.4	186.5	170.7
32.5°	510.1	467.0	418.0	367.5	318.7	274.5	236.5	209.0	185.8	163.3	147.7
35°	543.4	487.7	428.3	368.6	312.3	260.8	218.0	185.8	162.6	141.7	123.3
37.5°	563.4	496.8	428.7	360.2	297.7	242.3	194.8	162.8	141.5	121.5	107.0
40°	576.0	498.9	422.7	348.2	279.2	218.8	171.6	142.8	123.3	107.3	96.2
42.5°	582.0	495.6	413.0	332.8	260.3	197.8	155.3	128.2	111.3	99.9	91.5
45°	582.9	489.8	402.5	318.9	243.6	182.8	144.2	122.2	108.2	98.7	90.4
47.5°	582.9	484.7	394.1	308.7	232.7	176.3	143.3	124.8	111.0	100.3	90.4
50°	583.4	483.1	390.7	303.5	229.0	179.8	151.2	132.6	117.1	103.1	90.2
52.5°	585.5	485.2	393.5	307.5	235.8	193.7	166.0	144.5	125.0	106.3	90.2
55°	590.2	492.1	405.3	321.2	253.9	214.8	183.9	157.2	131.2	107.8	88.7
57.5°	603.1	509.7	426.8	347.7	284.8	239.2	200.2	166.3	133.6	106.6	85.9
60°	629.1	544.9	463.8	384.9	317.5	260.1	209.7	167.7	131.4	102.9	81.6
62.5°	670.7	585.0	508.6	425.3	346.5	271.7	210.9	164.2	125.9	96.2	75.0
63°	685.1	595.0	518.1	433.0	350.3	272.6	209.9	162.8	124.5	94.3	74.1
65°	725.3	637.1	551.1	459.9	360.7	272.8	204.9	155.9	118.0	87.0	67.6
67.5°	800.3	692.3	592.6	480.9	364.4	265.5	191.8	142.8	104.2	76.0	59.5
70°	847.7	723.2	608.7	481.5	353.5	244.4	169.3	121.7	86.8	62.9	51.1
72.5°	835.3	692.7	566.4	438.0	306.3	204.1	136.1	95.6	67.8	50.4	42.5
75°	715.5	576.7	462.2	339.3	231.5	150.1	99.6	68.3	50.2	39.5	35.5
77.5°	515.1	415.0	331.4	241.8	156.1	97.1	66.2	48.8	38.1	32.5	29.2
80°	328.2	243.4	202.8	145.4	91.3	60.1	45.5	36.9	31.4	27.2	25.1
82.5°	171.4	120.1	97.5	74.3	50.7	39.7	33.5	30.2	25.8	22.5	21.3
85°	106.8	70.9	52.5	36.7	25.3	22.8	20.9	20.4	18.3	16.3	15.5
87.5°	12.1	10.9	11.4	7.2	5.4	5.8	5.6	7.5	7.2	5.4	5.6
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°	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6
2.5°	242.0	242.5	242.5	243.2	243.2	243.6	244.0	244.0	244.6	244.8	245.3
5°	239.2	239.2	239.2	240.1	240.4	241.8	242.3	242.7	243.2	244.8	245.7
7.5°	238.5	237.6	238.0	238.0	238.8	239.9	241.0	241.8	242.5	244.6	245.9
10°	239.9	239.2	238.5	238.5	238.8	239.2	240.1	240.8	241.3	243.4	244.6
12.5°	243.6	242.0	240.6	239.5	238.5	238.2	237.8	238.0	238.5	239.7	241.3
15°	244.4	241.3	238.2	235.2	233.0	231.5	230.4	229.9	229.9	230.6	232.4
17.5°	239.7	234.6	230.2	226.2	223.6	221.1	219.9	219.0	218.5	219.5	219.7
20°	229.7	223.6	217.6	213.0	208.3	207.7	205.8	206.2	206.7	208.1	208.8
22.5°	216.0	208.8	201.3	196.5	192.7	189.5	187.5	188.4	189.0	190.5	191.1
25°	199.3	188.8	180.9	176.1	172.1	169.3	166.9	167.9	166.9	168.6	171.2
27.5°	179.5	167.3	158.9	153.3	150.5	148.2	145.8	145.8	148.2	148.2	150.3
30°	155.6	146.5	135.6	129.8	126.3	125.0	124.8	124.2	125.9	126.8	129.1
32.5°	133.1	122.0	111.5	105.9	102.9	101.2	101.5	101.8	102.4	103.8	107.6
35°	110.4	100.5	93.2	86.8	83.8	80.8	80.8	80.3	81.0	82.7	87.0
37.5°	95.6	87.0	81.2	76.4	73.4	71.5	69.9	69.2	69.2	69.9	71.5
40°	87.6	81.2	76.0	71.8	69.0	67.4	66.4	65.7	65.3	65.3	65.5
42.5°	83.8	77.3	72.0	68.3	66.2	65.3	65.1	64.8	64.1	63.8	63.6
45°	82.0	74.5	68.5	65.5	63.8	63.4	63.6	63.6	63.4	62.9	62.0
47.5°	80.6	72.0	65.9	63.2	62.5	62.5	62.5	62.5	62.3	62.0	61.3
50°	78.2	68.1	61.6	59.5	59.0	59.0	59.2	59.2	59.7	59.2	58.8
52.5°	75.8	64.4	57.8	56.0	55.8	55.5	55.5	55.5	55.8	55.8	55.5
55°	73.0	61.6	56.0	54.6	54.8	54.6	54.3	54.1	54.1	53.9	53.4
57.5°	70.2	59.2	54.6	53.7	53.9	53.9	53.4	53.0	52.7	52.0	51.6
60°	65.9	56.0	51.8	51.3	52.0	52.0	52.0	51.8	51.8	51.6	50.4
62.5°	60.4	51.3	48.1	48.3	48.5	49.0	49.0	49.0	49.0	48.5	47.4
63°	59.2	50.4	47.4	47.4	48.1	48.1	48.3	48.1	48.3	47.9	46.4
65°	54.6	47.4	45.1	45.3	45.8	45.8	45.8	45.5	45.5	44.9	44.1
67.5°	49.2	43.6	42.3	42.5	42.7	43.2	43.0	43.0	43.2	42.7	42.1
70°	43.2	39.7	38.8	39.1	39.3	39.3	39.1	39.1	39.3	38.8	38.1
72.5°	38.5	37.2	36.5	36.5	36.0	36.0	35.5	35.3	35.0	35.0	34.4
75°	32.5	32.3	32.5	33.0	32.5	32.0	31.8	31.1	30.7	30.7	30.5
77.5°	27.9	27.9	28.3	29.0	29.2	29.2	28.6	27.4	27.2	27.2	27.2
80°	24.1	23.7	23.7	24.4	25.1	24.9	23.7	22.5	22.5	23.7	23.9
82.5°	21.1	21.1	20.4	20.6	20.4	20.2	19.1	18.3	18.1	19.1	20.0
85°	16.7	17.0	16.7	16.5	16.3	15.5	14.6	13.9	13.7	14.6	16.1
87.5°	6.7	6.5	6.3	6.5	6.3	6.7	6.5	6.0	5.8	6.5	7.9
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6
2.5°	245.5	245.9	246.4	246.4	246.8	246.6	246.8	247.2	247.2	247.4	247.4
5°	246.8	247.6	248.5	249.4	249.6	250.4	251.1	250.6	251.3	252.2	252.2
7.5°	247.4	249.0	249.6	251.1	251.3	252.2	253.9	252.6	254.1	254.8	255.0
10°	246.6	248.3	249.4	251.1	251.7	253.4	255.0	254.5	256.2	257.3	257.5
12.5°	242.5	244.0	246.6	249.0	250.8	253.4	256.4	255.4	257.8	259.2	259.9
15°	234.3	236.0	238.8	242.5	245.9	249.8	253.9	254.5	256.9	258.4	259.2
17.5°	221.6	223.6	226.6	230.6	235.0	241.8	246.8	249.4	252.6	253.6	254.8
20°	209.7	211.8	213.7	216.0	219.3	225.7	232.4	237.6	241.8	245.3	246.2
22.5°	193.9	195.8	198.1	200.0	202.3	206.9	212.5	218.3	224.8	226.9	229.2
25°	174.9	176.1	179.3	180.4	182.1	186.0	190.5	194.6	200.9	205.3	206.4
27.5°	154.4	155.6	158.7	159.3	161.5	165.1	168.4	170.1	175.9	180.4	184.1
30°	130.8	133.8	137.5	137.9	140.3	142.6	145.6	147.3	152.5	157.5	162.1
32.5°	110.4	113.4	116.4	118.2	119.4	121.2	124.2	125.9	131.0	135.4	140.0
35°	89.4	93.2	96.4	99.0	99.9	102.2	104.6	106.1	111.5	115.4	118.7
37.5°	73.6	76.4	79.9	82.5	85.0	86.6	89.4	91.7	95.0	97.1	100.5
40°	65.9	67.4	69.2	71.3	73.4	75.2	77.3	79.2	81.2	84.0	86.4
42.5°	63.4	63.6	63.6	64.4	65.5	66.4	68.3	69.6	71.1	73.2	74.3
45°	61.6	61.3	60.8	60.4	60.6	61.0	62.3	63.2	64.8	65.7	65.9
47.5°	60.6	59.7	58.8	58.0	57.8	58.0	59.0	59.9	60.8	61.6	61.8
50°	57.6	56.9	55.5	54.6	54.1	54.6	55.8	56.2	57.1	57.8	58.0
52.5°	54.6	53.7	52.7	51.8	51.8	52.0	53.0	53.9	54.8	55.0	55.5
55°	52.7	51.3	50.4	49.7	49.2	49.9	50.7	51.8	53.0	53.2	53.7
57.5°	50.9	49.4	48.5	47.9	47.4	48.1	48.8	50.4	51.8	51.8	51.8
60°	49.7	48.5	47.2	46.4	45.8	46.4	47.4	49.0	50.4	50.2	49.9
62.5°	46.4	45.3	44.6	44.6	43.9	45.1	46.0	47.9	48.1	47.6	47.2
63°	45.5	44.6	44.1	44.1	43.6	44.9	45.8	47.4	47.4	46.9	46.4
65°	43.2	42.5	42.1	42.5	42.5	43.6	43.9	45.1	44.9	44.1	43.9
67.5°	41.3	40.8	40.4	40.4	40.4	40.6	40.8	41.3	41.1	40.8	41.1
70°	38.3	38.1	37.6	37.6	37.4	37.4	37.4	37.6	37.6	37.8	38.1
72.5°	34.6	34.1	34.1	34.4	33.9	34.1	34.4	34.1	34.6	34.6	34.8
75°	30.5	30.2	30.7	31.1	30.9	30.9	31.1	31.1	31.4	31.4	31.6
77.5°	27.2	27.4	27.7	28.1	28.3	28.3	28.3	28.1	28.3	28.3	28.6
80°	24.1	24.7	25.1	25.6	25.8	25.8	25.8	25.6	25.6	25.6	25.6
82.5°	21.9	22.5	23.0	23.2	23.2	23.2	23.2	23.2	23.2	22.8	22.3
85°	18.3	19.7	19.7	20.0	19.3	18.9	18.3	18.5	18.9	17.9	17.6
87.5°	9.3	9.3	9.7	10.3	10.5	10.5	11.8	11.2	10.9	10.7	10.3
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°	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6
2.5°	247.6	247.4	247.8	247.4	247.6	247.8	247.4	248.1	248.5	247.8	247.2
5°	252.6	252.6	253.9	254.3	254.5	256.0	255.2	255.8	256.2	256.0	256.2
7.5°	256.0	256.9	258.0	259.2	259.4	260.6	260.3	261.0	261.6	262.7	262.7
10°	258.8	259.9	261.6	262.7	263.8	264.8	265.2	266.6	266.8	267.8	267.8
12.5°	261.2	262.7	264.2	266.1	267.4	269.2	269.4	271.5	272.2	272.4	271.7
15°	260.8	262.5	264.2	266.4	268.5	270.8	272.2	274.3	275.4	276.0	274.7
17.5°	256.4	257.8	260.1	262.9	265.5	268.5	271.0	274.1	276.0	276.4	276.2
20°	247.8	248.7	251.7	255.4	258.4	263.1	266.8	271.5	274.5	276.8	277.5
22.5°	230.9	233.2	236.2	240.4	244.8	250.6	256.0	262.7	269.2	274.7	280.3
25°	210.4	214.6	219.3	224.8	230.2	236.2	242.3	249.8	259.4	271.0	284.2
27.5°	189.7	197.0	202.8	209.9	216.3	222.3	229.0	237.3	247.8	261.8	278.7
30°	168.8	177.0	183.2	191.6	200.0	208.1	214.8	223.6	233.9	248.1	266.6
32.5°	146.5	154.7	162.1	169.7	179.1	188.8	197.0	207.9	218.8	233.4	252.2
35°	123.5	130.8	137.0	145.2	155.3	165.8	176.5	189.0	200.9	216.3	236.2
37.5°	103.6	108.7	114.7	122.0	129.8	140.9	153.1	167.9	181.3	198.1	218.5
40°	87.0	89.8	93.4	99.4	106.6	117.5	129.3	145.2	161.5	179.8	199.5
42.5°	74.3	75.8	76.7	80.6	86.4	97.1	108.5	123.8	141.7	161.7	181.7
45°	65.9	66.6	66.8	69.0	73.2	82.5	94.3	107.3	124.5	144.0	164.9
47.5°	62.0	62.7	63.2	63.6	66.2	73.4	84.0	96.4	112.1	130.1	151.4
50°	58.8	59.5	60.1	59.9	61.0	65.7	74.8	86.1	101.0	117.5	138.7
52.5°	55.5	56.0	56.0	56.0	56.7	59.7	66.2	76.7	90.4	105.9	126.8
55°	53.7	54.1	54.3	54.6	54.8	56.5	61.3	69.6	81.6	96.0	114.7
57.5°	51.8	52.0	52.5	52.7	53.2	54.1	57.1	63.2	73.2	85.3	101.0
60°	50.2	50.7	51.6	51.8	52.2	52.5	53.9	57.6	64.1	73.4	86.1
62.5°	47.6	48.3	49.2	49.4	49.9	50.2	50.4	52.5	55.5	61.0	70.6
63°	46.9	47.6	48.8	49.0	49.2	49.2	49.4	50.9	53.7	58.5	65.5
65°	44.4	45.3	46.0	46.2	46.4	46.4	46.2	46.6	46.9	49.0	53.2
67.5°	41.6	42.3	42.7	43.0	42.7	43.0	42.7	42.3	41.8	42.3	44.1
70°	38.8	39.3	39.3	39.5	39.7	39.9	39.5	39.1	38.5	38.3	39.5
72.5°	35.5	36.0	36.0	36.3	36.3	36.7	36.7	36.5	36.5	36.7	36.9
75°	32.3	32.7	32.5	33.0	33.0	33.7	33.7	33.9	34.4	34.1	33.9
77.5°	29.2	29.5	29.5	29.7	29.9	31.1	31.8	32.0	32.0	31.6	31.1
80°	26.0	26.0	25.6	25.3	25.6	26.7	28.1	28.3	29.0	28.8	29.0
82.5°	21.9	20.9	20.2	20.2	20.6	21.3	21.9	22.3	22.8	22.8	23.2
85°	16.7	15.8	15.1	15.3	16.1	16.3	16.1	16.1	17.0	17.6	17.0
87.5°	9.9	9.0	8.6	7.9	8.1	8.8	8.6	7.9	8.1	6.5	6.0
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6
2.5°	247.6	247.4	246.8	246.2	245.9	245.5	245.7	245.0	244.6	244.0	243.4
5°	256.2	256.2	254.8	254.8	254.1	253.9	252.2	251.5	250.2	250.6	249.0
7.5°	262.2	262.9	261.2	261.0	260.1	259.9	257.8	257.1	256.0	255.4	254.1
10°	266.6	266.6	264.6	262.9	261.8	260.6	258.4	257.5	256.6	256.9	256.0
12.5°	270.1	268.5	265.5	263.1	261.6	260.3	258.8	258.0	257.8	259.4	259.7
15°	272.8	270.6	266.8	265.2	263.8	263.6	263.6	264.2	265.9	268.9	271.3
17.5°	274.5	273.2	271.3	270.8	273.2	274.5	276.4	278.4	280.8	285.0	287.6
20°	277.5	278.4	279.9	281.8	285.4	288.9	291.2	294.3	297.0	302.2	306.3
22.5°	285.4	290.8	295.2	298.9	304.5	309.3	312.3	316.6	318.7	322.1	328.6
25°	295.6	306.5	315.9	323.7	332.3	337.4	341.7	346.9	350.3	356.1	361.9
27.5°	292.6	308.2	322.1	336.8	348.6	361.9	371.1	380.0	385.5	394.1	401.8
30°	283.3	302.0	320.7	340.0	358.9	377.8	395.5	411.5	423.8	436.2	448.7
32.5°	270.8	292.1	315.1	338.9	363.4	389.9	414.3	438.4	459.0	476.8	494.2
35°	256.4	280.5	304.5	333.8	364.1	397.8	431.7	465.2	496.3	527.9	549.2
37.5°	239.2	263.8	290.6	324.2	360.0	401.6	444.8	488.4	532.5	575.0	611.9
40°	220.8	245.9	274.1	310.5	350.9	399.3	453.2	511.9	572.4	634.0	683.0
42.5°	204.6	230.4	261.0	297.9	341.9	396.2	459.9	532.1	606.1	682.4	754.3
45°	188.8	217.1	249.4	289.1	337.9	398.5	469.8	550.9	636.4	728.8	816.6
47.5°	174.6	203.4	234.8	278.2	332.1	399.7	479.6	569.7	664.9	765.0	869.3
50°	161.9	189.7	220.6	264.2	323.0	399.0	488.4	586.6	689.5	793.6	909.9
52.5°	149.3	177.6	209.2	250.8	311.9	395.0	492.6	600.6	712.3	822.4	942.7
55°	137.0	164.9	196.7	238.0	297.3	384.9	492.1	609.6	730.4	849.5	974.3
57.5°	122.6	149.1	180.2	223.8	281.8	369.0	485.2	613.8	746.0	876.5	1012.1
60°	104.8	129.6	159.6	203.2	261.2	348.8	470.6	611.5	755.0	896.5	1044.5
62.5°	82.7	104.2	131.7	174.4	235.8	319.8	443.1	590.4	740.6	893.7	1059.5
63°	78.0	98.4	125.2	167.5	224.8	311.9	435.0	582.0	733.7	887.9	1057.4
65°	62.7	76.0	97.3	135.1	188.1	273.2	394.6	539.1	696.3	847.0	1027.3
67.5°	48.1	54.8	66.2	92.6	133.1	214.8	319.6	456.8	604.4	746.0	929.9
70°	41.1	44.1	49.0	61.6	84.6	135.6	224.4	340.7	468.4	591.3	756.7
72.5°	37.4	38.8	41.3	46.6	58.0	81.2	143.1	221.8	318.7	421.6	549.2
75°	34.4	35.5	37.6	40.4	44.6	54.1	81.6	135.6	207.2	276.8	370.7
77.5°	31.4	32.0	34.4	36.9	39.7	44.6	53.9	78.0	119.2	163.3	223.4
80°	28.8	28.3	29.9	34.1	36.9	39.7	42.5	50.7	67.8	89.4	120.7
82.5°	23.0	23.4	24.9	29.0	30.2	29.5	29.9	31.4	37.8	41.3	61.8
85°	15.5	14.4	14.2	14.6	14.6	13.9	13.9	13.7	15.1	17.2	29.5
87.5°	4.1	2.1	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°	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	243.6	0°
2.5°	242.9	242.7	242.9	241.8	241.8	241.6	241.3	240.8	240.8	239.9	240.6	2.5°
5°	247.6	247.2	246.2	244.8	244.0	243.2	243.2	242.3	241.6	240.6	240.8	5°
7.5°	253.0	253.2	251.5	250.4	249.8	249.0	249.2	247.8	248.1	247.4	246.8	7.5°
10°	256.0	256.0	256.4	256.2	256.6	256.6	257.3	256.4	256.0	255.2	255.2	10°
12.5°	260.8	261.8	263.6	263.6	265.0	265.5	265.7	266.1	265.2	264.8	263.1	12.5°
15°	272.8	275.2	276.8	279.2	282.0	282.9	282.9	282.0	281.5	280.8	277.7	15°
17.5°	292.8	297.9	299.4	303.1	303.5	304.7	308.0	306.1	305.0	300.1	299.2	17.5°
20°	313.3	319.8	326.3	331.0	333.3	337.9	338.7	337.7	333.1	328.4	326.3	20°
22.5°	337.9	347.7	355.1	362.3	365.8	368.1	373.3	372.0	368.3	361.3	358.5	22.5°
25°	372.7	384.9	392.7	401.6	406.2	408.5	413.7	413.7	409.6	407.6	407.4	25°
27.5°	416.7	431.5	444.6	447.6	459.6	462.4	467.3	467.3	463.5	461.0	473.3	27.5°
30°	465.4	480.9	503.5	518.7	533.3	547.7	547.4	548.3	552.7	555.0	560.4	30°
32.5°	514.2	533.5	557.4	590.2	621.5	648.2	682.8	704.9	698.1	679.3	671.9	32.5°
35°	573.4	594.8	623.8	656.8	714.2	748.8	765.5	777.3	778.8	781.2	786.6	35°
37.5°	639.4	675.1	708.8	746.2	778.0	820.1	858.9	889.9	897.2	911.8	903.4	37.5°
40°	722.8	762.7	798.0	846.3	889.0	939.7	995.1	1037.9	1055.1	1049.5	1007.7	40°
42.5°	810.1	859.6	900.8	957.8	1013.3	1080.2	1137.5	1197.2	1207.9	1165.0	1102.5	42.5°
45°	890.5	951.7	1003.1	1062.3	1130.2	1210.3	1286.8	1348.2	1346.1	1272.4	1188.9	45°
47.5°	962.7	1037.9	1100.6	1177.7	1250.7	1346.1	1434.1	1479.4	1452.6	1365.6	1263.2	47.5°
50°	1022.4	1116.2	1193.5	1271.5	1364.2	1479.2	1563.9	1589.5	1537.9	1443.2	1335.4	50°
52.5°	1070.5	1188.2	1275.0	1364.9	1482.0	1603.0	1675.9	1666.3	1599.7	1502.4	1395.1	52.5°
55°	1111.1	1243.2	1346.8	1453.0	1598.0	1709.5	1758.1	1732.5	1639.4	1540.7	1436.0	55°
57.5°	1153.1	1296.6	1412.7	1535.9	1697.5	1793.2	1820.1	1767.7	1658.2	1555.3	1453.6	57.5°
60°	1195.1	1341.2	1471.1	1608.3	1772.7	1861.5	1854.0	1775.5	1652.6	1544.7	1441.8	60°
62.5°	1223.4	1367.7	1505.0	1652.8	1829.1	1896.3	1850.8	1747.5	1620.4	1502.6	1406.5	62.5°
63°	1224.1	1368.6	1507.0	1656.0	1835.4	1897.4	1844.5	1737.4	1610.2	1494.0	1396.1	63°
65°	1209.5	1351.2	1488.5	1642.2	1830.1	1870.8	1790.4	1678.4	1551.8	1434.6	1341.7	65°
67.5°	1134.7	1279.2	1400.4	1545.4	1734.4	1746.0	1645.5	1555.1	1441.3	1319.9	1222.8	67.5°
70°	984.0	1104.1	1223.0	1344.0	1502.6	1500.5	1406.0	1360.0	1260.4	1122.0	1044.1	70°
72.5°	782.7	890.5	974.0	1055.1	1159.6	1138.4	1077.6	1090.4	1025.8	922.5	876.3	72.5°
75°	581.0	699.5	740.4	773.4	817.5	817.7	834.5	870.7	869.7	812.4	754.1	75°
77.5°	381.1	510.7	524.5	550.9	603.8	675.9	750.2	830.1	850.1	804.8	718.5	77.5°
80°	212.5	347.3	331.4	354.2	411.3	509.1	618.7	706.9	759.0	733.7	642.4	80°
82.5°	108.7	200.2	191.4	223.0	269.2	354.2	426.6	494.4	555.8	552.2	517.7	82.5°
85°	56.5	109.6	124.8	141.2	164.5	194.8	222.3	242.0	267.6	312.6	328.0	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0	16.7	12.1	33.2	47.4	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°
243.6	243.6	243.6	243.6	243.6	243.6	243.6
240.8	241.0	240.6	240.6	240.8	240.8	240.4
240.4	240.4	239.9	239.5	239.0	239.0	238.5
245.7	245.7	244.0	243.4	242.3	241.3	240.8
253.6	252.2	250.4	249.0	247.2	245.0	243.8
261.6	259.4	257.1	255.0	252.6	250.4	249.2
274.5	271.7	268.7	266.1	262.9	259.4	258.0
294.5	290.1	286.1	282.4	276.6	274.1	271.3
320.9	314.5	309.3	303.1	295.9	293.6	290.1
353.1	347.5	337.2	332.5	325.4	321.9	322.6
401.8	394.6	382.7	378.3	377.6	369.9	366.2
465.4	465.9	454.9	443.1	436.6	424.6	409.2
556.0	549.7	537.0	524.9	509.5	486.7	461.2
665.6	651.7	630.6	608.0	580.8	545.8	510.1
772.6	748.3	714.6	677.0	637.7	594.1	543.4
866.7	828.9	778.4	735.3	679.8	625.2	563.4
952.6	905.8	840.7	784.8	719.3	649.1	576.0
1035.9	976.4	896.7	821.0	746.9	665.2	582.0
1115.0	1038.3	943.8	853.8	767.2	675.6	582.9
1175.9	1092.2	986.1	877.4	781.0	683.5	582.9
1232.3	1137.7	1018.4	896.0	794.1	688.8	583.4
1276.2	1169.8	1039.3	909.2	804.2	692.7	585.5
1308.0	1190.7	1053.3	917.4	811.7	698.3	590.2
1330.3	1204.5	1060.9	924.6	820.7	708.1	603.1
1340.9	1229.7	1073.7	939.0	836.3	728.8	629.1
1332.8	1269.0	1110.2	963.3	857.9	761.0	670.7
1329.3	1276.2	1120.1	968.7	862.8	768.1	685.1
1302.2	1283.4	1161.2	995.6	886.0	799.0	725.3
1217.9	1255.0	1195.9	1041.1	936.0	874.0	800.3
1108.7	1213.1	1189.5	1046.9	967.8	935.4	847.7
978.0	1086.0	1064.1	969.6	932.7	936.2	835.3
769.6	850.7	836.3	803.1	810.6	836.1	715.5
616.6	605.7	572.4	574.8	617.8	647.8	515.1
503.7	407.8	364.7	365.8	440.8	471.9	328.2
479.4	385.8	314.2	274.5	320.7	308.9	171.4
341.5	342.1	283.8	230.6	223.4	189.9	106.8
80.8	64.8	46.2	34.4	36.3	23.9	12.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)