

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: P153278

Luminaire Tested: **VXS-E01-LED-E1-SLR-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P153278
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-E01-LED-E1-SLR-8030
Description: VISION SITE SMALL LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (21) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2348.4 lumens
Efficiency: N/A
Efficacy: 95.1 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G1

Input Watts (W): 24.7
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



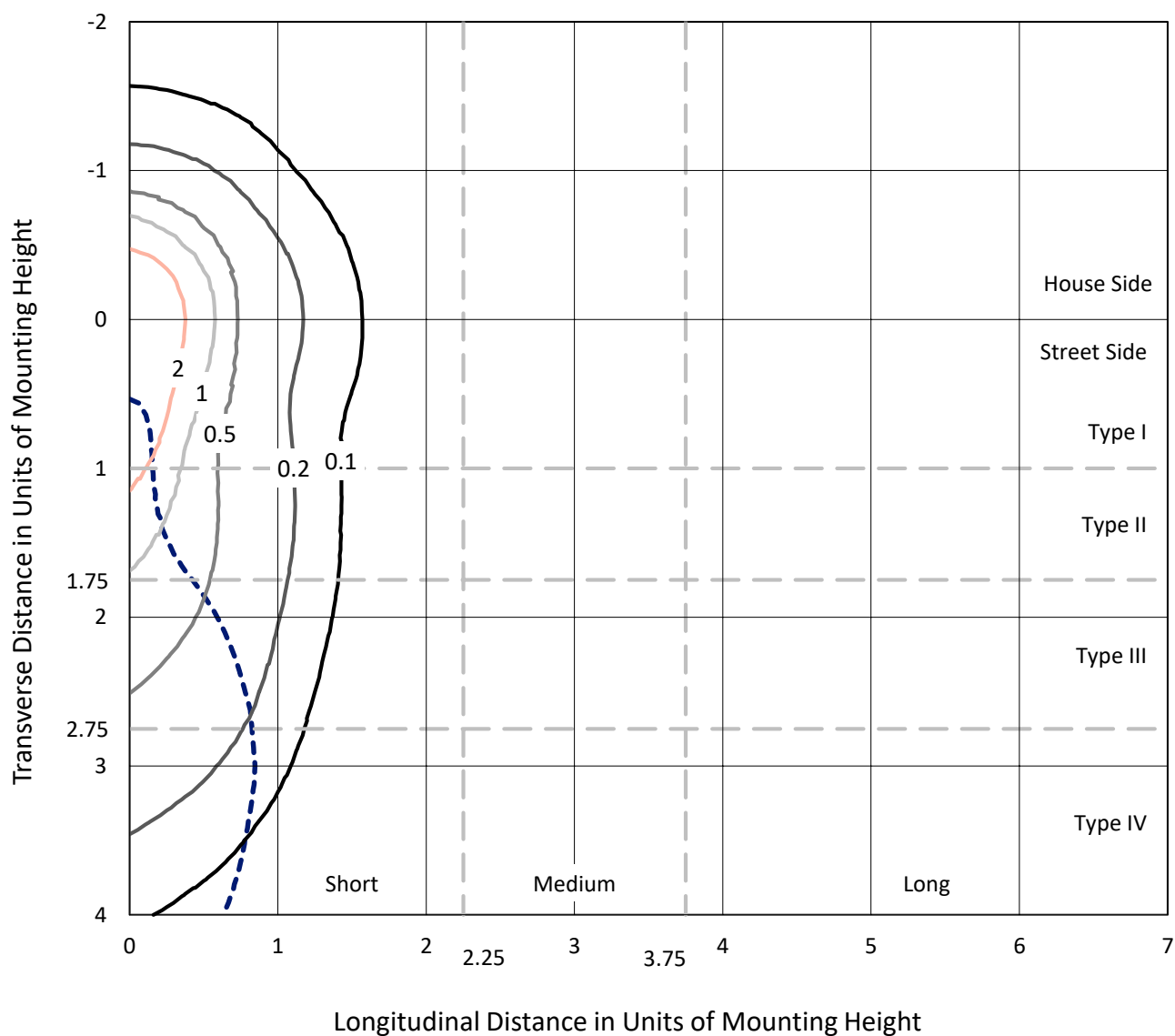
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

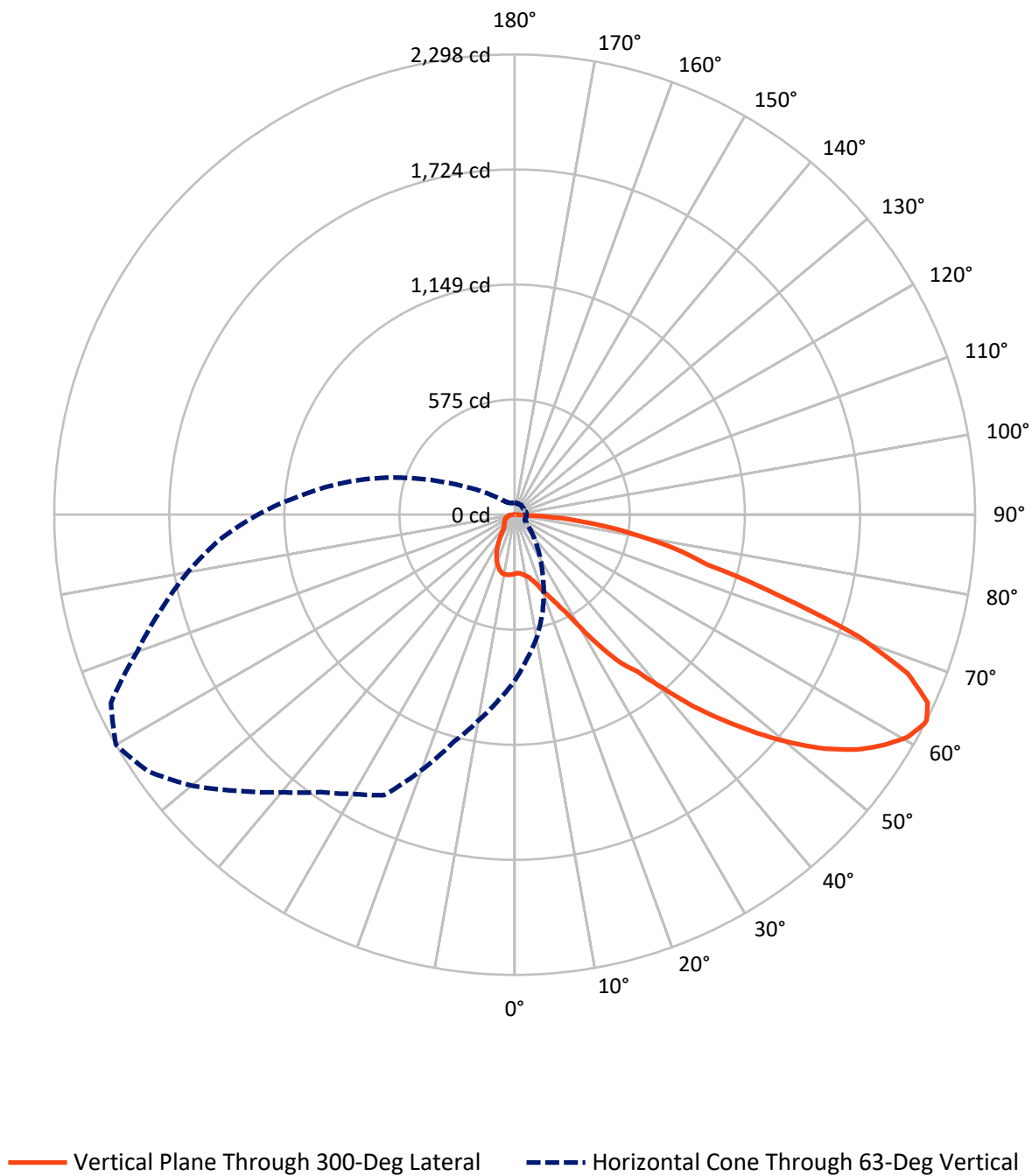


Based on 10 foot mounting height. Maximum calculated value = 3.7 fc
Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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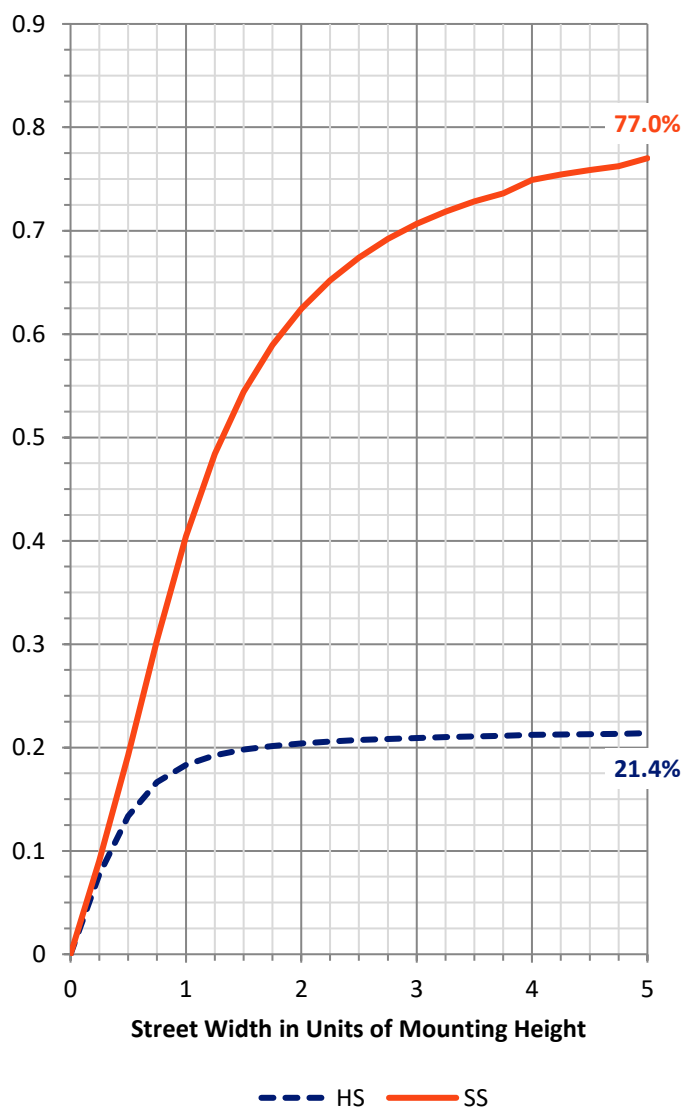
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	509.2	0.0	509.2
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	1839.1	0.0	1839.1
	% Fixture	78.3	0.0	78.3
Total	Lumens	2348.4	0.0	2348.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.7	1.2
10°-20°	89.5	3.8
20°-30°	158.9	6.8
30°-40°	250.3	10.7
40°-50°	368.4	15.7
50°-60°	489.3	20.8
60°-70°	539.0	23.0
70°-80°	338.2	14.4
80°-90°	86.1	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°	2348.4	100.0
0°-180°	2348.4	100.0

Coefficient of Utilization



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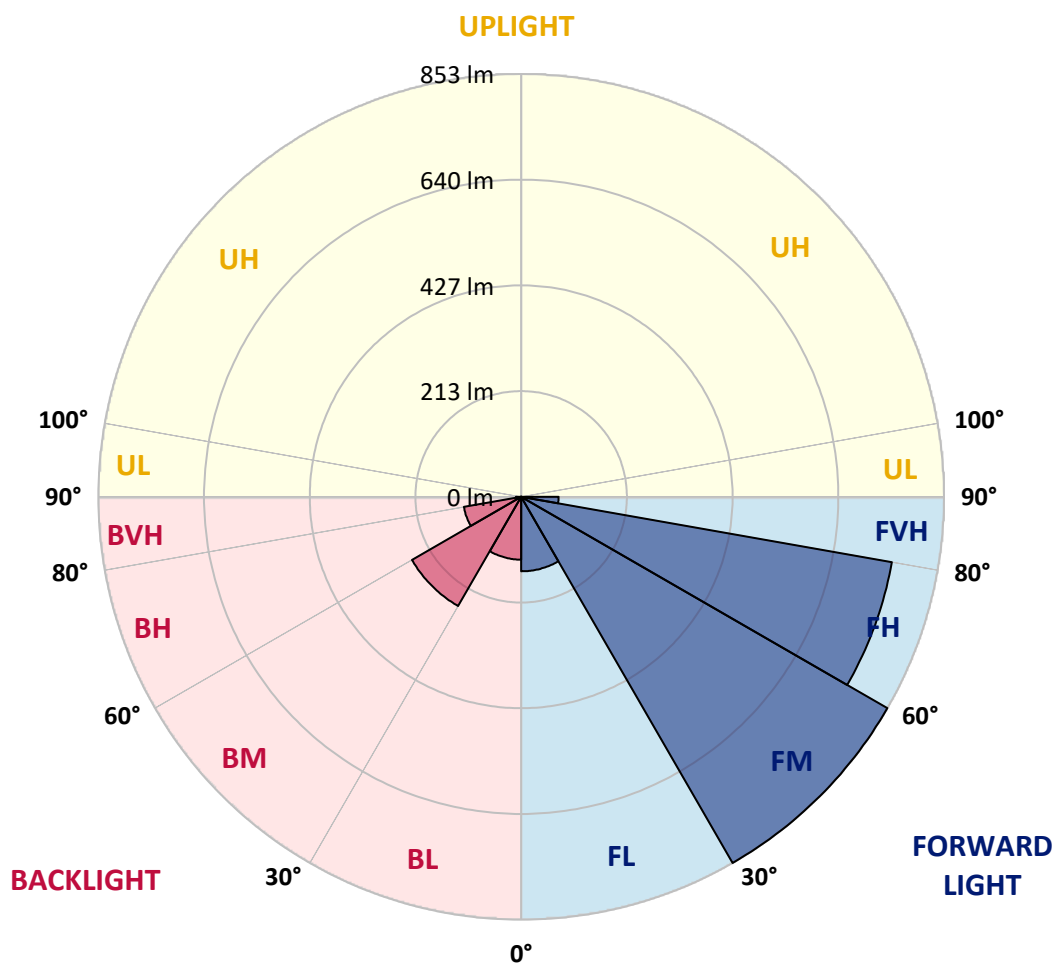
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	150.4	6.4			
FM	(30°-60°)	853.5	36.3			
FH	(60°-80°)	759.7	32.4			G1/1800
FVH	(80°-90°)	75.6	3.2			G1/100
BL	(0°-30°)	126.8	5.4	B1/500		
BM	(30°-60°)	254.5	10.8	B1/1000		
BH	(60°-80°)	117.4	5.0	B1/500		G1/500
BVH	(80°-90°)	10.5	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-G1

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1
2.5°	291.2	292.0	291.7	291.7	292.3	292.0	292.0	292.3	292.3	293.2	294.3
5°	288.9	288.6	288.1	288.6	288.6	288.6	287.6	288.4	288.6	289.2	289.2
7.5°	291.7	290.9	289.7	290.1	290.1	289.5	288.6	288.9	288.6	288.6	288.4
10°	295.4	293.5	292.0	292.0	292.0	291.5	290.1	290.9	290.9	290.6	290.9
12.5°	301.9	299.6	297.9	297.4	297.4	296.5	295.4	296.5	296.0	296.0	295.4
15°	312.5	310.1	308.1	306.3	306.6	306.6	305.3	304.4	303.3	301.9	299.1
17.5°	328.6	325.8	323.2	321.9	322.1	320.1	316.2	312.2	306.9	301.6	295.6
20°	351.4	350.6	347.2	345.8	342.4	337.6	326.6	317.3	306.9	296.8	286.6
22.5°	390.8	386.8	383.4	378.1	366.8	353.7	335.3	319.1	302.7	288.4	274.8
25°	443.6	436.6	420.0	403.7	380.6	357.0	332.2	311.2	290.9	272.0	255.4
27.5°	495.8	474.3	444.8	415.2	381.5	350.6	319.6	294.5	270.9	250.4	232.1
30°	558.8	522.7	477.4	430.7	382.9	341.2	304.1	274.8	247.6	225.9	206.7
32.5°	617.8	565.8	506.4	445.1	386.0	332.5	286.4	253.2	225.1	197.8	179.0
35°	658.3	590.8	518.8	446.4	378.3	316.0	264.1	225.1	196.9	171.6	149.4
37.5°	682.5	601.8	519.4	436.4	360.6	293.5	236.1	197.2	171.3	147.2	129.7
40°	697.7	604.2	512.0	421.8	338.1	265.0	207.9	173.1	149.4	129.9	116.5
42.5°	705.0	600.3	500.2	403.1	315.3	239.7	188.2	155.3	134.7	120.9	110.9
45°	706.1	593.4	487.6	386.2	295.1	221.5	174.7	148.0	131.1	119.6	109.4
47.5°	706.1	587.2	477.4	373.9	281.9	213.6	173.6	151.1	134.5	121.6	109.4
50°	706.7	585.2	473.2	367.7	277.4	217.7	183.1	160.6	141.8	124.9	109.1
52.5°	709.2	587.7	476.6	372.4	285.6	234.6	201.1	175.0	151.4	128.8	109.1
55°	714.8	596.2	490.9	389.1	307.5	260.2	222.8	190.5	159.0	130.6	107.5
57.5°	730.6	617.5	517.1	421.1	344.9	289.7	242.5	201.5	161.8	129.1	104.0
60°	762.1	660.0	561.9	466.1	384.6	315.1	254.0	203.1	159.3	124.7	98.8
62.5°	812.4	708.7	616.1	515.1	419.8	329.1	255.4	198.9	152.4	116.5	90.9
63°	829.9	720.7	627.7	524.4	424.2	330.3	254.3	197.2	150.8	114.2	89.7
65°	878.5	771.7	667.6	557.0	436.9	330.6	248.1	188.8	142.9	105.5	81.9
67.5°	969.4	838.7	717.9	582.6	441.5	321.6	232.3	173.1	126.3	92.0	72.0
70°	1026.8	876.1	737.4	583.2	428.2	296.0	205.1	147.5	105.2	76.3	61.9
72.5°	1011.9	839.2	686.1	530.6	371.1	247.3	164.9	116.0	82.2	61.0	51.5
75°	866.7	698.5	559.9	411.0	280.5	181.8	120.7	82.7	60.7	47.9	43.0
77.5°	624.0	502.7	401.5	292.8	189.0	117.6	80.2	59.1	46.1	39.4	35.4
80°	397.5	294.8	245.6	176.1	110.6	72.8	55.1	44.8	38.0	33.0	30.4
82.5°	207.7	145.5	118.1	90.1	61.3	48.1	40.5	36.6	31.2	27.3	25.9
85°	129.4	85.8	63.6	44.5	30.7	27.6	25.3	24.8	22.2	19.7	18.9
87.5°	14.6	13.3	13.8	8.7	6.4	7.0	6.7	9.0	8.7	6.4	6.7
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°	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1
2.5°	293.2	293.7	293.7	294.5	294.5	295.1	295.6	295.6	296.3	296.5	297.1
5°	289.7	289.7	289.7	290.9	291.2	292.8	293.5	294.0	294.5	296.5	297.6
7.5°	288.9	287.8	288.4	288.4	289.2	290.6	292.0	292.8	293.7	296.3	297.9
10°	290.6	289.7	288.9	288.9	289.2	289.7	290.9	291.7	292.3	294.8	296.3
12.5°	295.1	293.2	291.5	290.1	288.9	288.6	288.1	288.4	288.9	290.4	292.3
15°	296.0	292.3	288.6	285.0	282.2	280.5	279.1	278.5	278.5	279.4	281.7
17.5°	290.4	284.1	278.8	274.0	270.9	267.9	266.4	265.3	264.8	265.9	266.1
20°	278.2	270.9	263.6	258.0	252.3	251.5	249.2	249.8	250.4	252.0	253.0
22.5°	261.7	253.0	243.9	238.0	233.5	229.5	227.0	228.2	229.0	230.7	231.5
25°	241.3	228.7	219.2	213.3	208.5	205.1	202.3	203.4	202.3	204.2	207.4
27.5°	217.5	202.6	192.4	185.7	182.3	179.5	176.7	176.7	179.5	179.5	182.0
30°	188.5	177.5	164.2	157.3	153.1	151.4	151.1	150.5	152.4	153.6	156.4
32.5°	161.2	147.7	135.0	128.3	124.7	122.7	122.9	123.2	124.0	125.8	130.3
35°	133.7	121.9	112.8	105.2	101.6	97.9	97.9	97.3	98.1	100.1	105.5
37.5°	116.0	105.5	98.4	92.5	88.9	86.6	84.7	83.8	83.8	84.7	86.6
40°	106.0	98.4	92.0	86.9	83.5	81.6	80.4	79.6	79.1	79.1	79.4
42.5°	101.6	93.7	87.3	82.7	80.2	79.1	78.8	78.4	77.6	77.4	77.1
45°	99.3	90.3	83.0	79.4	77.4	76.8	77.1	77.1	76.8	76.3	75.1
47.5°	97.6	87.3	79.9	76.5	75.6	75.6	75.6	75.6	75.4	75.1	74.3
50°	94.8	82.4	74.5	72.0	71.5	71.5	71.7	71.7	72.3	71.7	71.2
52.5°	91.7	77.9	70.1	67.8	67.6	67.3	67.3	67.3	67.6	67.6	67.3
55°	88.3	74.5	67.8	66.1	66.4	66.1	65.8	65.6	65.6	65.3	64.7
57.5°	85.0	71.7	66.1	65.0	65.3	65.3	64.7	64.1	63.8	63.0	62.5
60°	79.9	67.8	62.7	62.2	63.0	63.0	63.0	62.7	62.7	62.5	61.0
62.5°	73.2	62.2	58.2	58.5	58.8	59.4	59.4	59.4	59.4	58.8	57.4
63°	71.7	61.0	57.4	57.4	58.2	58.2	58.5	58.2	58.5	57.9	56.3
65°	66.1	57.4	54.6	54.8	55.4	55.4	55.4	55.1	55.1	54.3	53.5
67.5°	59.7	52.8	51.2	51.5	51.8	52.3	52.0	52.0	52.3	51.8	50.9
70°	52.3	48.1	46.9	47.3	47.6	47.6	47.3	47.3	47.6	46.9	46.1
72.5°	46.7	45.0	44.1	44.1	43.6	43.6	43.0	42.8	42.5	42.5	41.7
75°	39.4	39.1	39.4	40.0	39.4	38.9	38.5	37.7	37.1	37.1	36.9
77.5°	33.8	33.8	34.3	35.1	35.4	35.4	34.6	33.2	33.0	33.0	33.0
80°	29.2	28.7	28.7	29.5	30.4	30.1	28.7	27.3	27.3	28.7	29.0
82.5°	25.6	25.6	24.8	25.1	24.8	24.5	23.1	22.2	22.0	23.1	24.1
85°	20.2	20.5	20.2	20.0	19.7	18.9	17.7	16.9	16.6	17.7	19.4
87.5°	8.2	7.9	7.6	7.9	7.6	8.2	7.9	7.4	7.0	7.9	9.5
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°	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1
2.5°	297.4	297.9	298.4	298.4	299.1	298.8	299.1	299.4	299.4	299.6	299.6
5°	299.1	299.9	301.0	302.2	302.4	303.3	304.1	303.5	304.4	305.5	305.5
7.5°	299.6	301.6	302.4	304.1	304.4	305.5	307.5	306.1	307.8	308.6	308.9
10°	298.8	300.7	302.2	304.1	305.0	306.9	308.9	308.3	310.3	311.7	312.0
12.5°	293.7	295.6	298.8	301.6	303.8	306.9	310.6	309.4	312.2	314.0	314.8
15°	283.8	285.8	289.2	293.7	297.9	302.7	307.5	308.3	311.2	313.2	314.0
17.5°	268.4	270.9	274.6	279.4	284.7	292.8	299.1	302.2	306.1	307.3	308.6
20°	254.0	256.6	258.9	261.7	265.6	273.5	281.7	287.8	292.8	297.1	298.2
22.5°	234.9	237.2	240.0	242.2	245.1	250.7	257.4	264.5	272.3	274.8	277.7
25°	211.8	213.3	217.2	218.5	220.5	225.4	230.7	235.8	243.3	248.7	250.1
27.5°	187.0	188.5	192.1	193.0	195.5	200.0	203.9	205.9	213.0	218.5	223.1
30°	158.3	162.1	166.5	167.2	169.9	172.7	176.4	178.3	184.9	190.8	196.4
32.5°	133.7	137.3	140.9	143.2	144.6	146.8	150.5	152.4	158.7	164.0	169.6
35°	108.3	112.8	116.8	119.9	120.9	123.8	126.6	128.6	135.0	139.8	143.7
37.5°	89.2	92.5	96.8	99.9	103.0	105.0	108.3	111.1	115.0	117.6	121.9
40°	79.9	81.6	83.8	86.3	88.9	91.2	93.7	96.0	98.4	101.9	104.7
42.5°	76.8	77.1	77.1	77.9	79.4	80.4	82.7	84.4	86.1	88.6	90.1
45°	74.5	74.3	73.7	73.2	73.5	74.0	75.4	76.5	78.4	79.6	79.9
47.5°	73.5	72.3	71.2	70.4	70.1	70.4	71.5	72.5	73.7	74.5	74.8
50°	69.7	68.9	67.3	66.1	65.6	66.1	67.6	68.1	69.2	70.1	70.4
52.5°	66.1	65.0	63.8	62.7	62.7	63.0	64.1	65.3	66.4	66.6	67.3
55°	63.8	62.2	61.0	60.2	59.7	60.5	61.3	62.7	64.1	64.5	65.0
57.5°	61.7	59.9	58.8	57.9	57.4	58.2	59.1	61.0	62.7	62.7	62.7
60°	60.2	58.8	57.1	56.3	55.4	56.3	57.4	59.4	61.0	60.7	60.5
62.5°	56.3	54.8	54.0	54.0	53.2	54.6	55.8	57.9	58.2	57.7	57.1
63°	55.1	54.0	53.5	53.5	52.8	54.3	55.4	57.4	57.4	56.8	56.3
65°	52.3	51.5	50.9	51.5	51.5	52.8	53.2	54.6	54.3	53.5	53.2
67.5°	50.1	49.5	48.9	48.9	48.9	49.2	49.5	50.1	49.8	49.5	49.8
70°	46.4	46.1	45.6	45.6	45.3	45.3	45.3	45.6	45.6	45.9	46.1
72.5°	42.0	41.3	41.3	41.7	41.0	41.3	41.7	41.3	42.0	42.0	42.2
75°	36.9	36.6	37.1	37.7	37.4	37.4	37.7	37.7	38.0	38.0	38.2
77.5°	33.0	33.2	33.5	34.0	34.3	34.3	34.3	34.0	34.3	34.3	34.6
80°	29.2	29.8	30.4	31.0	31.2	31.2	31.2	31.0	31.0	31.0	31.0
82.5°	26.4	27.3	27.9	28.1	28.1	28.1	28.1	28.1	28.1	27.6	27.0
85°	22.2	23.9	23.9	24.1	23.3	22.8	22.2	22.5	22.8	21.7	21.3
87.5°	11.3	11.3	11.8	12.3	12.6	12.6	14.3	13.5	13.3	13.0	12.3
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°	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1
2.5°	299.9	299.6	300.2	299.6	299.9	300.2	299.6	300.4	301.0	300.2	299.4
5°	306.1	306.1	307.5	308.1	308.3	310.1	309.2	309.7	310.3	310.1	310.3
7.5°	310.1	311.2	312.5	314.0	314.2	315.6	315.3	316.2	316.8	318.1	318.1
10°	313.4	314.8	316.8	318.1	319.6	320.7	321.2	323.0	323.2	324.4	324.4
12.5°	316.5	318.1	320.1	322.4	323.8	326.0	326.3	328.9	329.7	330.1	329.1
15°	316.0	317.9	320.1	322.7	325.2	328.1	329.7	332.2	333.7	334.2	332.8
17.5°	310.6	312.2	315.1	318.4	321.6	325.2	328.3	332.0	334.2	334.8	334.5
20°	300.2	301.3	305.0	309.4	313.2	318.8	323.2	328.9	332.5	335.3	336.2
22.5°	279.7	282.5	286.1	291.2	296.5	303.5	310.1	318.1	326.0	332.8	339.6
25°	254.9	260.0	265.6	272.3	278.8	286.1	293.5	302.7	314.2	328.3	344.4
27.5°	229.8	238.5	245.6	254.3	262.0	269.2	277.4	287.6	300.2	317.1	337.6
30°	204.6	214.4	222.0	232.1	242.2	252.0	260.2	270.9	283.3	300.4	323.0
32.5°	177.5	187.4	196.4	205.7	216.9	228.7	238.5	251.8	265.0	282.7	305.5
35°	149.6	158.3	166.0	175.9	188.2	200.8	213.8	229.0	243.3	262.0	286.1
37.5°	125.5	131.7	139.0	147.7	157.3	170.8	185.4	203.4	219.7	240.0	264.8
40°	105.5	108.9	113.1	120.4	129.1	142.4	156.7	175.9	195.5	217.7	241.7
42.5°	90.1	91.7	92.8	97.6	104.7	117.6	131.4	149.9	171.6	195.9	220.0
45°	79.9	80.7	81.0	83.5	88.6	99.9	114.2	129.9	150.8	174.4	199.8
47.5°	75.1	76.0	76.5	77.1	80.2	88.9	101.9	116.8	135.9	157.5	183.4
50°	71.2	72.0	72.8	72.5	74.0	79.6	90.6	104.4	122.4	142.4	168.0
52.5°	67.3	67.8	67.8	67.8	68.6	72.3	80.2	92.8	109.4	128.3	153.6
55°	65.0	65.6	65.8	66.1	66.4	68.4	74.3	84.4	98.8	116.2	139.0
57.5°	62.7	63.0	63.6	63.8	64.5	65.6	69.2	76.5	88.6	103.2	122.4
60°	60.7	61.3	62.5	62.7	63.3	63.6	65.3	69.7	77.6	88.9	104.4
62.5°	57.7	58.5	59.7	59.9	60.5	60.7	61.0	63.6	67.3	74.0	85.5
63°	56.8	57.7	59.1	59.4	59.7	59.7	59.9	61.7	65.0	70.9	79.4
65°	53.8	54.8	55.8	56.0	56.3	56.3	56.0	56.6	56.8	59.4	64.5
67.5°	50.4	51.2	51.8	52.0	51.8	52.0	51.8	51.2	50.7	51.2	53.5
70°	46.9	47.6	47.6	47.9	48.1	48.4	47.9	47.3	46.7	46.4	47.9
72.5°	43.0	43.6	43.6	43.9	43.9	44.5	44.5	44.1	44.1	44.5	44.8
75°	39.1	39.7	39.4	40.0	40.0	40.8	40.8	41.0	41.7	41.3	41.0
77.5°	35.4	35.8	35.8	36.0	36.3	37.7	38.5	38.9	38.9	38.2	37.7
80°	31.5	31.5	31.0	30.7	31.0	32.3	34.0	34.3	35.1	34.9	35.1
82.5°	26.4	25.3	24.5	24.5	25.1	25.9	26.4	27.0	27.6	27.6	28.1
85°	20.2	19.2	18.2	18.5	19.4	19.7	19.4	19.4	20.5	21.3	20.5
87.5°	12.1	11.0	10.4	9.5	9.8	10.7	10.4	9.5	9.8	7.9	7.4
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°	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1
2.5°	299.9	299.6	299.1	298.2	297.9	297.4	297.6	296.8	296.3	295.6	294.8
5°	310.3	310.3	308.6	308.6	307.8	307.5	305.5	304.7	303.0	303.5	301.6
7.5°	317.6	318.4	316.5	316.2	315.1	314.8	312.2	311.4	310.1	309.4	307.8
10°	323.0	323.0	320.4	318.4	317.1	315.6	313.2	312.0	310.9	311.2	310.1
12.5°	327.2	325.2	321.6	318.8	316.8	315.3	313.4	312.5	312.2	314.2	314.5
15°	330.6	327.8	323.2	321.2	319.6	319.3	319.3	320.1	322.1	325.8	328.6
17.5°	332.5	330.9	328.6	328.1	330.9	332.5	334.8	337.3	340.1	345.2	348.3
20°	336.2	337.3	339.0	341.2	345.8	349.9	352.7	356.5	359.8	366.0	371.1
22.5°	345.8	352.2	357.6	362.1	368.8	374.7	378.3	383.4	386.0	390.2	398.0
25°	358.1	371.4	382.6	392.1	402.6	408.8	413.9	420.3	424.2	431.3	438.3
27.5°	354.5	373.4	390.2	408.0	422.3	438.3	449.5	460.2	467.0	477.4	486.7
30°	343.2	365.7	388.5	411.9	434.6	457.7	479.1	498.5	513.5	528.3	543.5
32.5°	328.1	353.9	381.8	410.5	440.3	472.3	501.9	531.2	556.0	577.6	598.7
35°	310.6	339.9	368.8	404.2	441.1	482.0	523.0	563.5	601.2	639.5	665.4
37.5°	289.7	319.6	351.9	392.7	436.1	486.4	538.8	591.6	645.1	696.6	741.3
40°	267.6	297.9	332.0	376.2	425.1	483.6	548.9	620.1	693.5	768.1	827.4
42.5°	247.9	279.1	316.2	360.9	414.1	480.0	557.0	644.6	734.3	826.5	913.8
45°	228.7	263.0	302.2	350.3	409.3	482.8	569.1	667.4	770.9	882.8	989.1
47.5°	211.6	246.4	284.5	337.0	402.3	484.1	580.9	690.1	805.5	926.7	1053.1
50°	196.1	229.8	267.3	320.1	391.3	483.3	591.6	710.7	835.2	961.3	1102.3
52.5°	180.9	215.2	253.5	303.8	377.8	478.5	596.7	727.6	862.8	996.2	1142.0
55°	166.0	199.8	238.2	288.4	360.1	466.1	596.2	738.4	884.8	1029.1	1180.2
57.5°	148.5	180.6	218.3	271.2	341.2	447.0	587.7	743.5	903.6	1061.8	1226.0
60°	126.8	157.0	193.3	246.1	316.5	422.6	569.9	740.7	914.6	1085.9	1265.2
62.5°	100.1	126.3	159.5	211.3	285.6	387.4	536.8	715.1	897.2	1082.6	1283.4
63°	94.5	119.3	151.6	202.8	272.3	377.8	526.9	705.0	888.7	1075.5	1280.9
65°	76.0	92.0	117.9	163.7	227.9	330.9	478.0	653.0	843.4	1026.0	1244.4
67.5°	58.2	66.4	80.2	112.2	161.2	260.2	387.2	553.4	732.0	903.6	1126.4
70°	49.8	53.5	59.4	74.5	102.4	164.2	271.8	412.7	567.5	716.3	916.6
72.5°	45.3	46.9	50.1	56.6	70.4	98.4	173.3	268.7	386.0	510.6	665.4
75°	41.7	43.0	45.6	48.9	54.0	65.6	98.8	164.2	251.0	335.3	449.0
77.5°	38.0	38.9	41.7	44.8	48.1	54.0	65.3	94.5	144.4	197.8	270.7
80°	34.9	34.3	36.3	41.3	44.8	48.1	51.5	61.3	82.2	108.3	146.3
82.5°	27.9	28.4	30.1	35.1	36.6	35.8	36.3	38.0	45.9	50.1	74.8
85°	18.9	17.4	17.2	17.7	17.7	16.9	16.9	16.6	18.2	20.8	35.8
87.5°	5.1	2.5	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°	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	295.1	0°
2.5°	294.3	294.0	294.3	292.8	292.8	292.5	292.3	291.7	291.7	290.6	291.5	2.5°
5°	299.9	299.4	298.2	296.5	295.6	294.5	294.5	293.5	292.5	291.5	291.7	5°
7.5°	306.3	306.6	304.7	303.3	302.7	301.6	301.9	300.2	300.4	299.6	299.1	7.5°
10°	310.1	310.1	310.6	310.3	310.9	310.9	311.7	310.6	310.1	309.2	309.2	10°
12.5°	316.0	317.1	319.3	319.3	321.0	321.6	321.9	322.4	321.2	320.7	318.8	12.5°
15°	330.6	333.4	335.3	338.1	341.6	342.7	342.7	341.6	340.9	340.1	336.5	15°
17.5°	354.7	360.9	362.6	367.2	367.7	369.1	373.1	370.8	369.4	363.5	362.4	17.5°
20°	379.5	387.4	395.2	400.9	403.7	409.3	410.2	409.0	403.4	397.8	395.2	20°
22.5°	409.3	421.1	430.2	438.9	443.1	445.9	452.1	450.7	446.2	437.7	434.4	22.5°
25°	451.5	466.1	475.8	486.4	492.0	494.8	501.0	501.0	496.3	493.8	493.5	25°
27.5°	504.7	522.7	538.4	542.1	556.8	560.1	566.0	566.0	561.6	558.4	573.4	27.5°
30°	563.8	582.6	609.9	628.2	645.9	663.4	663.1	664.2	669.5	672.3	678.9	30°
32.5°	622.9	646.2	675.2	714.8	752.8	785.2	827.2	853.9	845.7	822.9	813.9	32.5°
35°	694.6	720.5	755.6	795.6	865.1	907.0	927.3	941.7	943.3	946.4	952.8	35°
37.5°	774.5	817.8	858.7	903.9	942.5	993.4	1040.3	1078.0	1086.7	1104.5	1094.4	37.5°
40°	875.5	923.9	966.6	1025.2	1076.9	1138.2	1205.5	1257.3	1278.1	1271.3	1220.7	40°
42.5°	981.2	1041.2	1091.3	1160.2	1227.5	1308.5	1377.9	1450.3	1463.2	1411.2	1335.4	42.5°
45°	1078.7	1152.8	1215.0	1286.8	1368.9	1466.0	1558.9	1633.2	1630.6	1541.5	1440.1	45°
47.5°	1166.1	1257.3	1333.3	1426.6	1514.9	1630.6	1737.2	1792.1	1759.7	1654.2	1530.2	47.5°
50°	1238.4	1352.1	1445.8	1540.3	1652.5	1791.8	1894.5	1925.4	1863.0	1748.2	1617.6	50°
52.5°	1296.7	1439.3	1544.5	1653.4	1795.1	1941.8	2030.1	2018.5	1937.8	1819.9	1689.9	52.5°
55°	1345.9	1506.0	1631.4	1760.0	1935.9	2070.9	2129.6	2098.8	1985.9	1866.3	1739.5	55°
57.5°	1396.8	1570.7	1711.3	1860.4	2056.3	2172.1	2204.8	2141.2	2008.7	1884.0	1760.8	57.5°
60°	1447.8	1624.7	1782.0	1948.2	2147.4	2254.8	2245.9	2150.8	2002.0	1871.1	1746.5	60°
62.5°	1482.1	1656.8	1823.0	2002.2	2215.8	2297.1	2242.0	2116.7	1962.8	1820.2	1703.7	62.5°
63°	1482.9	1657.9	1825.6	2005.9	2223.3	2298.4	2234.3	2104.7	1950.5	1809.8	1691.1	63°
65°	1465.2	1636.8	1803.0	1989.3	2216.9	2266.1	2168.8	2033.2	1879.9	1737.8	1625.3	65°
67.5°	1374.6	1549.5	1696.4	1872.0	2100.9	2115.0	1993.3	1883.8	1745.9	1598.8	1481.2	67.5°
70°	1192.0	1337.4	1481.5	1628.1	1820.2	1817.7	1703.2	1647.5	1526.7	1359.1	1264.9	70°
72.5°	948.1	1078.7	1179.9	1278.1	1404.7	1379.1	1305.4	1320.8	1242.6	1117.4	1061.5	72.5°
75°	703.9	847.4	896.9	936.8	990.3	990.6	1010.8	1054.7	1053.6	984.1	913.5	75°
77.5°	461.7	618.7	635.2	667.4	731.5	818.7	908.7	1005.5	1029.6	974.8	870.5	77.5°
80°	257.4	420.6	401.5	429.0	498.2	616.7	749.4	856.4	919.4	888.7	778.1	80°
82.5°	131.7	242.5	231.8	270.1	326.0	429.0	516.8	599.0	673.3	669.0	627.0	82.5°
85°	68.4	132.7	151.1	171.1	199.2	236.1	269.2	293.2	324.0	378.7	397.2	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0	20.2	14.6	40.2	57.4	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°
295.1	295.1	295.1	295.1	295.1	295.1	295.1
291.7	292.0	291.5	291.5	291.7	291.7	291.2
291.2	291.2	290.6	290.1	289.5	289.5	288.9
297.6	297.6	295.6	294.8	293.5	292.3	291.7
307.3	305.5	303.3	301.6	299.4	296.8	295.4
316.8	314.2	311.4	308.9	306.1	303.3	301.9
332.5	329.1	325.5	322.4	318.4	314.2	312.5
356.7	351.4	346.6	342.1	335.0	332.0	328.6
388.8	380.9	374.7	367.2	358.4	355.6	351.4
427.7	420.8	408.5	402.9	394.1	389.9	390.8
486.7	478.0	463.6	458.2	457.4	448.2	443.6
563.8	564.4	551.1	536.8	528.9	514.3	495.8
673.5	665.9	650.5	635.9	617.2	589.6	558.8
806.3	789.4	763.8	736.5	703.6	661.1	617.8
936.0	906.4	865.7	820.1	772.5	719.7	658.3
1049.9	1004.0	943.0	890.7	823.4	757.3	682.5
1154.0	1097.2	1018.4	950.6	871.3	786.3	697.7
1254.7	1182.7	1086.2	994.5	904.8	805.7	705.0
1350.7	1257.8	1143.3	1034.2	929.2	818.3	706.1
1424.4	1323.1	1194.5	1062.9	946.1	828.0	706.1
1492.7	1378.2	1233.7	1085.4	961.9	834.4	706.7
1545.9	1417.1	1259.0	1101.5	974.2	839.2	709.2
1584.5	1442.4	1275.9	1111.3	983.2	846.0	714.8
1611.5	1459.0	1285.1	1120.0	994.2	857.8	730.6
1624.4	1489.6	1300.6	1137.4	1013.1	882.8	762.1
1614.5	1537.2	1344.8	1166.9	1039.3	922.0	812.4
1610.4	1545.9	1356.9	1173.5	1045.2	930.4	829.9
1577.4	1554.6	1406.6	1206.1	1073.3	967.8	878.5
1475.3	1520.3	1448.6	1261.2	1133.8	1058.7	969.4
1343.1	1469.4	1440.9	1268.2	1172.3	1133.2	1026.8
1184.7	1315.5	1289.0	1174.5	1129.8	1134.1	1011.9
932.3	1030.5	1013.1	972.8	981.9	1012.7	866.7
746.9	733.7	693.5	696.3	748.3	784.7	624.0
610.2	494.0	441.7	443.1	534.0	571.7	397.5
580.6	467.3	380.6	332.5	388.5	374.2	207.7
413.6	414.4	343.8	279.4	270.7	230.2	129.4
97.9	78.4	56.0	41.7	43.9	29.0	14.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)