

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: McGRAW-EDISON

Report Number: P271366

Luminaire Tested: **ISC-AF-350-LED-E1-SLR-7027**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P271366
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29764)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: ISC-AF-350-LED-E1-SLR-7027
Description: IMPACT ELITE LED CYLINDER LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (16) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1728.4 lumens
Efficiency: N/A
Efficacy: 86.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

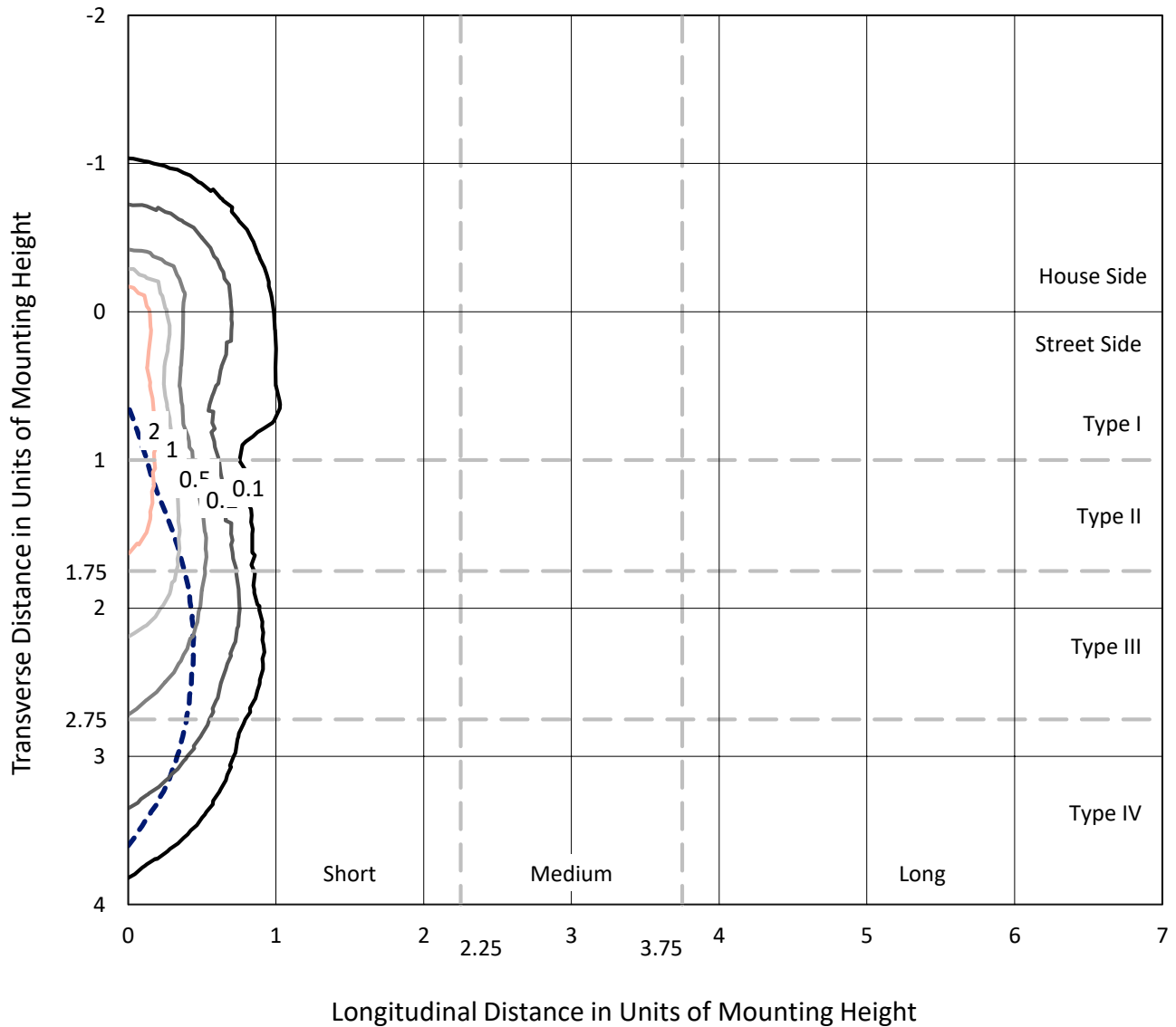
Input Watts (W): 20.09
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

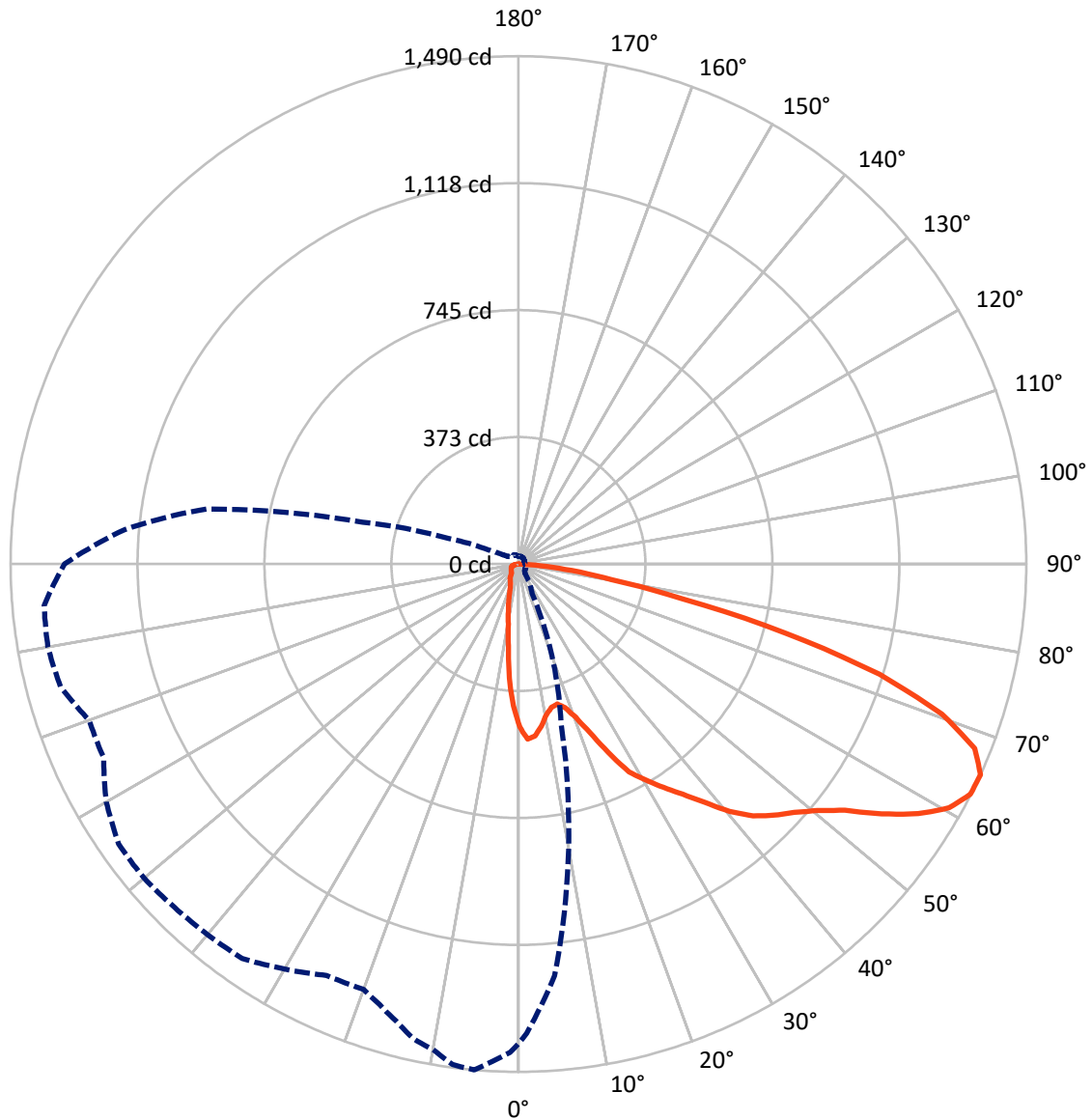
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.8 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 355-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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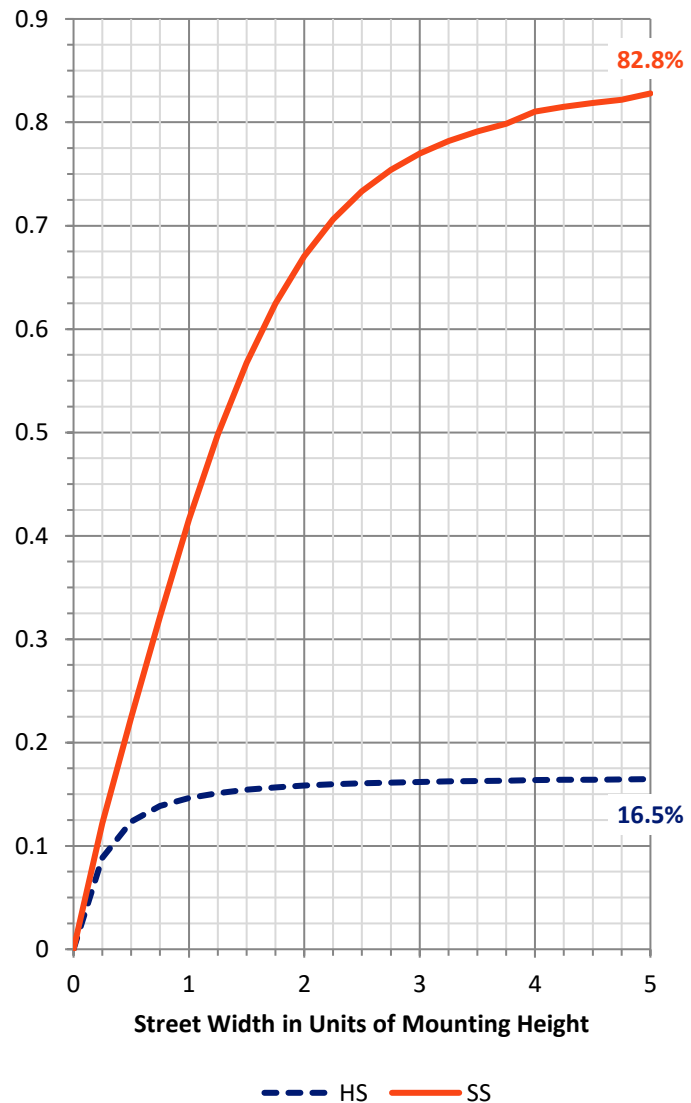
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	287.4	0.0	287.4
	% Fixture	16.6	0.0	16.6
Street Side	Lumens	1441.0	0.0	1441.0
	% Fixture	83.4	0.0	83.4
Total	Lumens	1728.4	0.0	1728.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.7	2.1
10°-20°	75.7	4.4
20°-30°	110.0	6.4
30°-40°	162.7	9.4
40°-50°	237.1	13.7
50°-60°	355.4	20.6
60°-70°	442.9	25.6
70°-80°	259.4	15.0
80°-90°	48.5	2.8
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°	1728.4	100.0
0°-180°	1728.4	100.0



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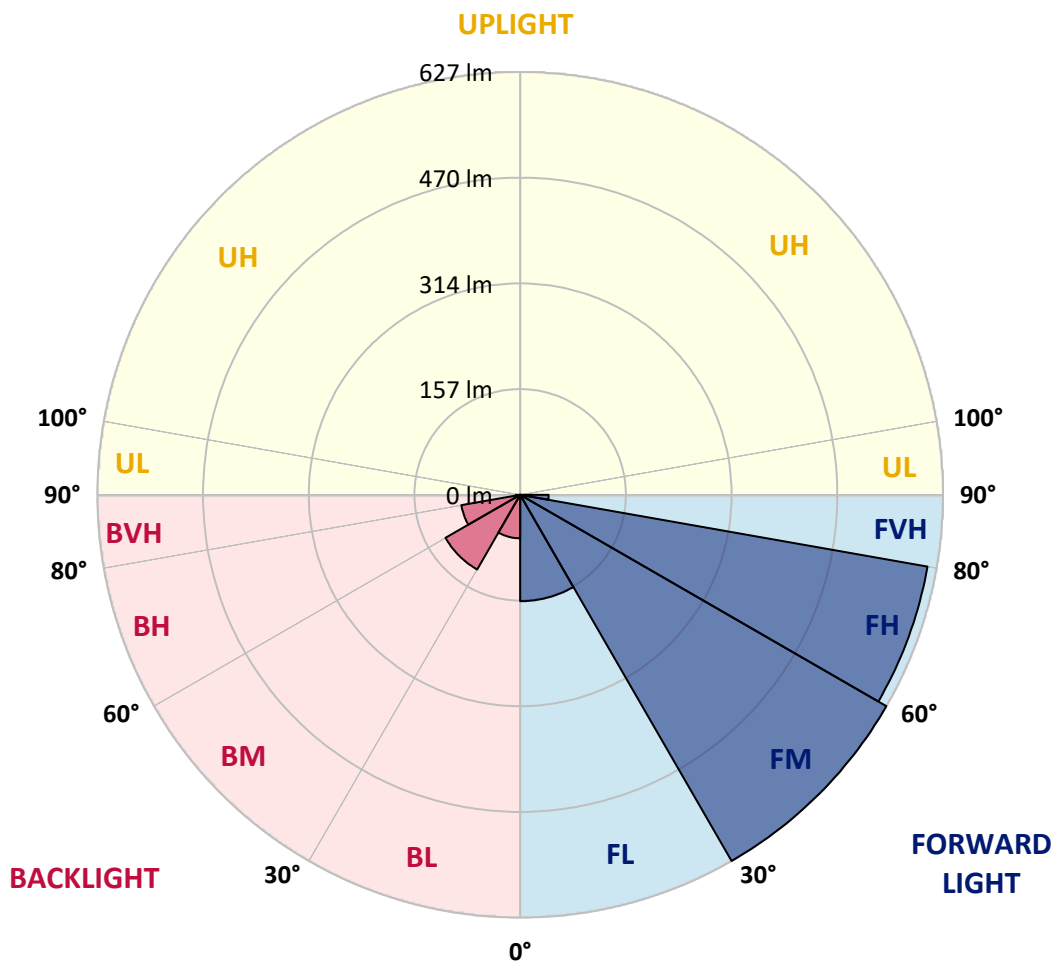
CATALOG NUMBER: ISC-AF-350-LED-E1-SLR-7027

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	157.9	9.1			
FM	(30°-60°)	627.3	36.3			
FH	(60°-80°)	613.6	35.5			G0/660
FVH	(80°-90°)	42.3	2.4			G1/100
BL	(0°-30°)	64.5	3.7	B0/110		
BM	(30°-60°)	127.9	7.4	B0/220		
BH	(60°-80°)	88.7	5.1	B0/110		G0/110
BVH	(80°-90°)	6.3	0.4			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°
0°	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3
2.5°	507.7	503.6	495.4	479.0	461.9	445.5	442.8	436.6	437.3	433.8	432.4
5°	491.4	485.8	468.7	434.5	405.0	375.0	373.0	360.6	361.9	354.4	350.4
7.5°	455.0	447.5	428.3	381.2	340.1	300.4	296.4	281.9	279.9	272.4	266.2
10°	419.5	412.0	388.0	333.9	286.6	257.3	252.5	245.7	240.2	236.7	230.7
12.5°	396.9	392.8	364.0	301.8	264.8	240.8	234.6	227.9	222.4	216.2	210.0
15°	392.1	383.8	354.4	291.5	248.4	219.0	211.4	203.9	197.8	191.6	182.7
17.5°	405.0	396.9	364.0	286.6	230.0	194.3	184.7	174.5	168.3	160.8	151.3
20°	435.9	422.9	382.5	279.9	210.0	165.6	154.0	141.7	134.7	121.8	114.9
22.5°	485.2	468.7	414.0	279.9	191.6	135.5	122.5	111.5	104.0	92.3	84.9
25°	555.6	541.3	465.3	287.4	175.2	110.1	97.2	86.1	78.7	70.4	65.7
27.5°	621.4	598.7	520.1	298.3	162.1	92.3	79.4	70.4	64.9	60.9	58.2
30°	670.6	652.1	568.0	305.9	143.0	77.3	69.1	63.6	60.9	58.9	57.5
32.5°	715.8	694.6	602.1	310.6	131.4	65.7	58.2	54.1	51.3	48.6	47.9
35°	763.6	743.2	642.6	309.9	123.9	60.3	52.7	47.9	45.2	44.5	43.1
37.5°	830.0	802.0	689.1	309.9	121.1	58.2	49.2	44.5	42.4	41.1	40.3
40°	894.4	862.9	740.5	312.0	118.4	56.9	49.2	44.5	41.1	39.6	38.3
42.5°	954.6	919.7	786.9	315.5	117.0	52.7	46.5	43.7	42.4	39.6	37.5
45°	1000.4	973.0	823.2	322.3	117.0	49.9	43.7	41.7	41.1	41.1	40.3
47.5°	1044.9	1014.1	865.0	335.2	119.0	47.9	41.7	39.0	39.0	39.0	39.6
50°	1102.4	1066.1	922.4	361.9	119.0	47.3	39.6	36.9	36.3	37.5	37.5
52.5°	1180.5	1154.4	1006.6	400.4	117.7	46.5	39.0	34.9	34.2	34.9	36.3
55°	1290.5	1261.1	1108.6	447.5	116.3	45.2	37.5	34.2	32.9	32.2	32.9
57.5°	1385.6	1360.3	1202.3	485.2	112.8	41.7	36.3	33.6	31.5	30.8	30.1
60°	1427.4	1406.2	1262.5	510.5	106.8	38.3	34.2	32.2	30.1	29.5	28.7
62.5°	1434.2	1407.6	1263.2	516.0	99.9	34.9	32.2	30.1	28.7	28.0	27.4
65°	1407.6	1377.6	1213.3	482.4	94.4	34.9	30.8	28.7	26.7	26.1	25.3
67.5°	1347.4	1300.8	1086.6	409.2	89.7	35.7	30.1	26.7	25.3	24.6	24.0
70°	1202.3	1150.3	917.6	325.1	87.6	36.3	30.1	25.3	23.3	22.5	22.5
72.5°	963.4	904.0	715.8	245.0	84.2	36.9	29.5	24.0	21.9	20.5	20.5
75°	652.1	600.1	485.2	165.6	69.8	32.2	26.7	21.9	19.1	17.8	17.1
77.5°	363.4	346.3	308.6	87.6	44.5	24.0	20.5	17.8	15.7	15.0	14.4
80°	213.4	204.6	182.1	48.6	27.4	13.7	12.3	11.7	10.3	10.3	10.3
82.5°	130.7	121.8	112.8	21.9	12.9	6.8	6.8	5.5	5.5	4.9	4.9
85°	35.7	32.9	45.8	4.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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):

	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°
0°	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3
2.5°	427.0	425.7	425.7	415.4	415.4	409.9	408.5	408.5	410.5	409.2	401.0
5°	343.5	339.4	336.7	324.4	321.0	314.8	312.0	311.4	313.4	309.9	299.0
7.5°	258.6	255.3	251.2	241.6	237.4	236.7	228.6	226.6	225.1	222.4	215.5
10°	225.8	221.1	217.6	210.7	206.0	202.6	195.7	192.2	189.5	185.4	183.3
12.5°	203.3	198.4	193.7	184.7	178.7	174.5	170.4	163.5	160.8	156.0	153.3
15°	175.2	169.7	164.2	154.7	146.4	142.3	134.0	130.1	127.3	121.8	119.0
17.5°	140.9	133.5	127.3	118.4	114.3	107.4	102.7	95.8	90.3	88.2	86.1
20°	106.1	99.3	93.7	86.1	82.1	76.6	73.9	69.1	66.4	64.9	63.6
22.5°	78.1	72.5	69.1	64.9	62.9	60.9	59.6	58.2	56.9	56.1	56.1
25°	61.5	59.6	58.2	56.9	56.1	55.4	54.1	53.4	52.7	52.0	52.0
27.5°	56.1	54.8	54.1	53.4	52.7	51.3	51.3	49.9	49.2	49.2	48.6
30°	56.9	56.9	56.9	55.4	54.8	53.4	52.7	50.7	49.2	47.9	47.3
32.5°	46.5	46.5	45.8	44.5	43.7	43.1	43.1	41.7	41.1	41.1	42.4
35°	42.4	41.7	41.1	39.6	39.0	37.5	36.9	36.3	35.7	34.9	34.9
37.5°	40.3	39.6	39.0	37.5	36.9	36.3	35.7	34.2	33.6	33.6	32.9
40°	38.3	38.3	38.3	36.9	36.3	34.9	34.2	33.6	32.9	32.2	32.2
42.5°	36.9	36.9	36.9	36.3	35.7	34.9	33.6	32.9	32.2	31.5	30.8
45°	37.5	36.9	36.9	36.3	35.7	34.2	33.6	32.2	31.5	30.8	30.1
47.5°	40.3	39.6	38.3	36.9	35.7	34.2	32.9	31.5	30.8	30.1	29.5
50°	38.3	41.1	41.7	39.6	36.3	34.2	32.9	31.5	30.1	29.5	28.7
52.5°	37.5	38.3	41.1	41.1	37.5	34.9	32.9	31.5	30.1	28.7	28.0
55°	34.2	36.3	36.9	37.5	36.9	34.2	32.2	30.1	29.5	28.0	26.7
57.5°	30.1	31.5	32.2	33.6	34.2	33.6	30.8	28.7	28.0	26.7	25.3
60°	28.0	28.0	28.0	28.7	32.2	34.9	32.2	28.0	26.1	25.3	24.0
62.5°	26.1	26.1	25.3	26.1	26.7	30.1	29.5	26.7	25.3	24.6	23.3
65°	25.3	24.6	24.0	24.0	24.0	24.0	24.0	24.0	23.3	23.3	22.5
67.5°	23.3	22.5	22.5	21.9	21.9	21.9	21.9	21.9	21.2	21.2	20.5
70°	21.9	21.2	20.5	20.5	20.5	19.9	19.9	19.9	19.1	19.1	19.1
72.5°	19.9	19.1	19.1	19.1	18.4	18.4	18.4	17.8	17.8	17.1	17.1
75°	17.1	17.1	16.3	16.3	16.3	15.7	15.7	15.7	15.7	15.0	15.0
77.5°	14.4	13.7	14.4	13.7	13.7	13.7	13.7	13.7	12.9	12.9	12.3
80°	9.6	9.6	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	9.6
82.5°	5.5	4.9	5.5	5.5	5.5	6.2	6.2	6.8	6.2	6.2	5.5
85°	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.3	1.3	1.3	1.3
87.5°	0.0	0.0	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):

	77.5°	80°	85°	90°	95°	100°	102.5°	105°	107.5°	110°	112.5°
0°	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3
2.5°	405.0	404.3	397.6	398.9	396.9	392.8	393.5	394.2	395.5	392.8	391.4
5°	304.5	305.2	296.4	299.0	297.0	296.4	298.3	301.8	303.9	303.2	301.1
7.5°	216.2	216.9	209.3	208.7	206.7	206.0	208.7	212.1	214.2	213.4	214.2
10°	178.7	176.6	169.7	164.9	160.1	156.0	155.4	155.4	155.4	154.0	152.6
12.5°	147.8	145.7	137.5	133.5	129.4	123.9	123.2	122.5	120.5	118.4	115.6
15°	114.9	112.8	106.1	103.3	99.9	97.8	97.2	97.2	95.8	94.4	93.1
17.5°	83.5	82.1	78.1	75.3	74.6	75.3	76.0	77.3	78.1	78.7	78.7
20°	62.9	62.3	60.9	60.9	61.5	63.6	64.3	66.4	67.0	68.5	69.8
22.5°	55.4	55.4	54.8	54.8	56.1	58.2	59.6	60.3	60.9	61.5	61.5
25°	51.3	51.3	50.7	52.0	54.1	54.1	54.1	54.1	52.7	52.0	52.0
27.5°	48.6	48.6	48.6	49.2	48.6	47.9	47.9	47.9	47.3	47.3	46.5
30°	46.5	46.5	46.5	45.8	45.8	45.2	45.2	44.5	44.5	43.7	43.7
32.5°	43.1	41.7	43.1	41.7	41.7	41.1	41.7	41.7	40.3	40.3	40.3
35°	34.2	33.6	33.6	33.6	32.9	33.6	34.9	34.9	34.9	34.9	34.9
37.5°	32.2	32.2	31.5	30.8	30.8	30.1	30.8	30.1	30.1	30.1	30.8
40°	31.5	30.8	30.1	30.1	29.5	28.7	28.7	28.7	28.7	28.7	28.7
42.5°	30.1	30.1	28.7	28.0	28.0	27.4	27.4	27.4	27.4	27.4	27.4
45°	29.5	28.7	28.0	27.4	26.7	26.7	26.7	26.7	26.7	26.7	26.1
47.5°	28.7	28.0	27.4	26.7	26.1	25.3	25.3	25.3	25.3	25.3	25.3
50°	28.0	27.4	26.1	26.1	25.3	24.6	24.6	24.6	24.6	24.6	24.6
52.5°	26.7	26.7	25.3	24.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0
55°	25.3	25.3	24.0	23.3	22.5	22.5	22.5	22.5	23.3	23.3	23.3
57.5°	24.6	24.0	22.5	22.5	21.2	21.2	21.2	21.9	21.9	22.5	22.5
60°	23.3	22.5	21.9	21.2	21.2	20.5	20.5	20.5	20.5	21.2	21.2
62.5°	22.5	21.9	20.5	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
65°	21.2	21.2	19.9	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
67.5°	19.9	19.9	18.4	17.8	17.8	17.8	18.4	17.8	17.8	17.8	17.8
70°	18.4	17.8	17.1	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
72.5°	16.3	16.3	15.7	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.7
75°	14.4	13.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
77.5°	12.3	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.7
80°	8.9	8.3	8.3	8.3	8.3	8.9	8.9	8.9	8.9	8.9	8.9
82.5°	5.5	4.9	4.9	4.9	5.5	6.2	6.2	6.2	6.2	6.8	6.8
85°	1.3	1.3	1.3	1.3	2.8	3.4	3.4	3.4	4.1	3.4	3.4
87.5°	0.0	0.0	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):

	115°	117.5°	120°	122.5°	125°	127.5°	130°	135°	145°	155°	165°
0°	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3
2.5°	390.0	398.3	398.3	392.8	395.5	392.8	392.1	396.9	399.7	408.5	414.0
5°	301.8	312.0	312.7	309.9	313.4	311.4	313.4	319.5	324.4	330.5	336.0
7.5°	215.5	225.1	227.2	225.1	231.3	230.7	231.9	238.8	242.9	246.3	247.0
10°	151.9	153.3	158.7	157.5	161.4	160.8	162.9	168.3	173.8	175.9	177.2
12.5°	114.3	112.8	114.9	112.2	114.3	114.3	114.9	118.4	125.2	128.0	134.7
15°	92.3	91.0	91.0	89.7	89.7	88.9	89.7	92.3	97.2	101.3	106.8
17.5°	78.7	78.7	78.7	78.1	77.3	77.3	78.1	79.4	82.1	84.9	87.6
20°	70.4	71.9	72.5	73.2	73.9	74.6	75.3	77.3	76.6	73.9	70.4
22.5°	61.5	61.5	62.3	62.3	61.5	61.5	61.5	61.5	61.5	63.6	65.7
25°	51.3	51.3	51.3	52.0	51.3	51.3	52.0	52.0	52.7	54.1	56.1
27.5°	46.5	46.5	46.5	46.5	46.5	46.5	46.5	47.3	47.9	49.9	51.3
30°	43.1	43.1	42.4	42.4	42.4	41.7	42.4	42.4	43.1	45.8	47.9
32.5°	39.6	39.0	39.0	39.0	38.3	38.3	38.3	39.6	40.3	41.7	43.7
35°	34.9	34.9	34.9	35.7	35.7	35.7	35.7	36.9	36.9	37.5	37.5
37.5°	31.5	31.5	32.2	32.9	32.9	33.6	33.6	34.2	34.9	34.2	33.6
40°	28.7	29.5	29.5	30.8	30.8	30.8	31.5	32.2	32.9	31.5	31.5
42.5°	27.4	27.4	27.4	28.0	28.0	28.0	28.7	29.5	30.1	30.1	30.1
45°	26.1	26.1	26.1	26.7	26.1	26.1	26.1	26.7	28.0	28.0	28.7
47.5°	25.3	25.3	25.3	24.6	24.6	24.6	24.6	25.3	26.1	27.4	28.0
50°	24.6	24.0	24.0	24.0	24.0	24.0	24.0	24.6	25.3	26.1	27.4
52.5°	23.3	23.3	23.3	23.3	23.3	23.3	23.3	24.0	24.6	25.3	26.1
55°	23.3	23.3	22.5	22.5	23.3	23.3	23.3	24.0	24.6	25.3	25.3
57.5°	22.5	21.9	21.9	22.5	22.5	22.5	22.5	23.3	24.0	24.6	24.6
60°	21.2	21.2	21.2	21.2	21.9	21.9	22.5	23.3	23.3	24.0	24.0
62.5°	19.9	20.5	20.5	20.5	21.2	21.2	21.9	22.5	23.3	24.0	23.3
65°	19.1	19.9	19.9	19.9	20.5	20.5	20.5	21.9	22.5	22.5	23.3
67.5°	18.4	18.4	18.4	19.1	19.1	19.9	19.9	21.2	21.2	21.9	22.5
70°	17.1	17.1	17.1	17.8	17.8	18.4	19.1	19.9	19.9	20.5	21.2
72.5°	15.7	15.7	15.7	16.3	16.3	17.1	17.8	19.1	18.4	19.1	19.1
75°	13.7	13.7	14.4	14.4	15.0	15.7	16.3	16.3	16.3	16.3	16.3
77.5°	11.7	11.7	12.3	12.3	12.9	13.7	13.7	13.7	14.4	13.7	13.7
80°	9.6	9.6	10.3	10.3	10.3	10.3	11.0	10.3	11.0	10.3	11.0
82.5°	6.8	6.8	7.5	6.8	7.5	6.8	6.8	6.2	7.5	6.8	6.8
85°	2.8	3.4	3.4	3.4	3.4	2.8	2.8	2.1	2.8	2.8	2.1
87.5°	0.0	0.0	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



REPORT NUMBER: P271366

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CANDELA DISTRIBUTION (continued):

	175°	180°	185°	195°	205°	215°	225°	230°	235°	240°	245°
0°	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3
2.5°	416.1	415.4	425.7	433.2	437.9	456.4	464.6	474.9	479.6	486.5	493.3
5°	336.7	335.2	347.6	357.2	365.4	392.1	407.8	422.2	433.8	444.8	460.5
7.5°	240.8	238.1	246.3	254.6	265.4	294.3	321.6	340.7	357.9	376.4	396.9
10°	178.0	180.0	188.1	200.5	214.9	236.7	258.6	272.4	287.4	307.8	332.6
12.5°	142.3	150.6	157.5	172.5	189.5	214.2	237.4	248.4	259.3	269.6	282.6
15°	114.3	119.0	124.5	138.9	159.4	188.1	215.5	227.9	240.8	253.2	264.8
17.5°	88.2	90.3	93.1	103.3	121.8	156.0	186.1	201.8	216.9	234.0	249.8
20°	70.4	70.4	71.1	76.0	88.9	115.6	152.6	172.5	191.6	213.4	236.1
22.5°	61.5	60.9	61.5	63.6	69.8	85.5	119.0	142.3	166.9	194.3	222.4
25°	58.2	57.5	56.9	58.2	61.5	69.1	93.1	117.7	143.0	175.9	210.0
27.5°	52.7	53.4	54.1	55.4	58.2	62.3	77.3	95.8	123.9	160.1	201.2
30°	49.2	49.9	50.7	52.0	56.9	61.5	70.4	82.1	106.1	141.7	187.5
32.5°	45.2	45.8	46.5	47.3	48.6	54.1	60.3	69.8	90.3	125.2	173.1
35°	36.9	36.9	37.5	39.6	42.4	47.9	54.1	61.5	80.8	114.3	164.2
37.5°	34.2	34.2	34.9	36.9	39.6	44.5	49.9	56.9	76.6	110.1	156.0
40°	32.2	32.9	32.9	34.9	37.5	43.1	46.5	54.8	74.6	104.0	147.8
42.5°	30.8	30.8	31.5	33.6	36.9	41.1	45.8	53.4	69.1	98.5	143.0
45°	29.5	30.1	30.1	32.2	36.3	39.6	46.5	50.7	65.7	94.4	138.9
47.5°	28.7	28.7	29.5	31.5	35.7	40.3	45.2	47.9	62.3	91.0	135.5
50°	27.4	28.0	28.7	30.8	34.9	44.5	43.1	45.8	59.6	88.2	133.5
52.5°	26.7	27.4	28.0	30.1	34.9	45.2	41.7	43.1	57.5	85.5	132.1
55°	26.1	26.1	26.7	29.5	34.9	41.7	39.0	41.7	53.4	81.5	128.6
57.5°	24.6	25.3	26.1	28.0	34.2	38.3	36.9	39.6	49.2	74.6	123.9
60°	24.6	24.6	25.3	27.4	34.2	34.2	34.9	37.5	44.5	66.4	115.6
62.5°	24.0	24.0	24.6	27.4	34.9	30.8	32.9	35.7	41.1	59.6	105.4
65°	23.3	23.3	24.0	26.1	30.1	29.5	31.5	33.6	39.6	54.8	96.5
67.5°	21.9	21.9	22.5	24.6	26.7	27.4	30.1	32.2	39.0	54.1	88.2
70°	20.5	20.5	20.5	22.5	24.0	26.1	28.0	30.8	39.0	53.4	82.1
72.5°	19.1	18.4	19.1	20.5	21.9	23.3	25.3	28.7	38.3	54.1	79.4
75°	16.3	16.3	16.3	17.8	19.1	20.5	22.5	26.7	36.3	50.7	71.1
77.5°	13.7	13.7	12.9	15.0	16.3	17.1	19.1	23.3	31.5	43.1	57.5
80°	10.3	9.6	9.6	11.7	12.3	13.7	15.0	17.8	24.6	31.5	42.4
82.5°	6.2	5.5	5.5	7.5	8.3	8.9	11.7	12.9	16.3	20.5	28.7
85°	2.1	2.1	2.1	3.4	4.1	4.9	6.8	7.5	10.3	12.9	15.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.1	3.4	4.1	3.4
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

	250°	255°	260°	265°	270°	275°	280°	285°	290°	295°	300°	
0°	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	0°
2.5°	501.5	508.4	517.3	525.5	531.7	537.2	544.0	544.0	552.2	555.0	560.5	2.5°
5°	472.9	485.8	504.9	520.7	539.9	558.4	575.5	585.1	601.4	612.5	623.3	5°
7.5°	414.7	432.4	456.4	478.3	506.4	536.5	564.6	590.5	617.9	641.2	658.3	7.5°
10°	353.8	378.4	403.7	431.7	461.9	494.1	528.2	563.1	596.0	628.8	656.9	10°
12.5°	303.9	331.8	360.6	395.5	430.4	464.6	504.9	535.1	569.3	602.1	629.5	12.5°
15°	282.6	307.2	340.7	379.1	416.1	450.9	488.6	519.4	551.5	578.1	597.4	15°
17.5°	273.7	305.2	343.5	383.8	423.6	466.0	499.5	525.5	549.4	561.8	564.6	17.5°
20°	264.1	307.2	358.5	407.8	456.4	500.9	525.5	542.7	546.8	546.1	535.7	20°
22.5°	258.6	314.0	377.7	446.9	507.7	559.7	576.8	573.4	556.3	534.4	517.3	22.5°
25°	257.3	329.8	410.5	502.2	576.8	628.8	638.4	619.3	580.9	538.5	509.8	25°
27.5°	258.6	347.6	451.6	561.8	649.4	702.7	699.3	670.6	615.9	556.3	510.5	27.5°
30°	252.5	366.1	492.7	613.8	700.7	745.1	731.5	688.4	627.5	568.0	519.4	30°
32.5°	242.3	379.7	528.9	655.5	754.0	787.6	763.0	716.5	653.4	592.6	542.7	32.5°
35°	230.7	385.9	555.0	694.6	811.6	829.3	789.7	742.4	685.0	623.3	569.3	35°
37.5°	218.3	386.6	579.6	735.6	867.0	874.5	817.0	766.4	710.3	654.9	605.5	37.5°
40°	211.4	383.8	604.9	786.3	926.5	916.2	845.8	786.3	730.8	688.4	647.9	40°
42.5°	208.7	379.1	623.3	824.6	977.9	955.3	872.4	806.0	756.1	720.5	692.5	42.5°
45°	208.7	374.3	640.5	853.3	1016.2	986.8	897.8	825.3	780.8	758.9	745.1	45°
47.5°	209.3	376.4	661.1	899.8	1049.0	1016.8	917.6	853.3	815.0	806.8	811.6	47.5°
50°	212.8	399.7	695.8	951.1	1090.0	1049.0	944.3	884.8	861.6	869.6	897.0	50°
52.5°	218.3	436.6	756.1	1012.0	1153.7	1100.3	988.8	929.9	919.0	948.4	1000.4	52.5°
55°	223.8	474.2	834.9	1114.0	1256.3	1193.4	1067.5	1008.7	995.6	1040.8	1115.3	55°
57.5°	228.6	502.2	911.5	1215.2	1345.3	1297.4	1171.5	1100.3	1094.9	1143.5	1224.9	57.5°
60°	233.3	524.3	956.0	1260.4	1385.6	1380.9	1279.0	1213.3	1205.1	1250.2	1327.5	60°
62.5°	230.7	516.0	968.2	1237.9	1382.2	1421.9	1366.5	1320.0	1291.9	1329.5	1404.8	62.5°
65°	220.4	472.9	929.3	1159.8	1332.3	1397.3	1402.1	1391.1	1340.5	1343.2	1396.7	65°
67.5°	192.2	397.6	809.6	1036.6	1234.5	1311.7	1392.6	1389.0	1324.8	1268.0	1279.0	67.5°
70°	159.4	312.0	660.3	882.8	1095.6	1161.9	1290.5	1316.6	1224.9	1118.7	1068.8	70°
72.5°	134.0	233.3	507.7	683.6	877.9	955.3	1146.1	1182.5	1057.2	908.1	830.8	72.5°
75°	111.5	164.9	357.2	470.8	605.5	707.5	1000.4	1003.9	858.2	714.4	630.9	75°
77.5°	82.8	112.2	258.6	329.2	416.1	503.6	808.8	817.6	680.8	541.9	470.2	77.5°
80°	55.4	69.1	164.9	230.0	279.9	337.3	593.3	555.6	449.6	375.7	357.2	80°
82.5°	33.6	40.3	95.1	160.8	176.6	210.0	373.0	348.4	296.4	271.0	277.8	82.5°
85°	18.4	25.3	58.2	105.4	82.1	114.9	203.9	199.2	186.8	163.5	142.3	85°
87.5°	4.9	5.5	12.9	4.9	2.1	6.2	39.6	26.1	26.1	15.0	5.5	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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REPORT NUMBER: P
 CATALOG NUMBER:

<u>DISTRIBUTION (continued):</u>											<u>CANDELA DISTRIBUTION</u>	
305°	310°	315°	325°	335°	340°	342.5°	345°	347.5°	350°	352.5°		355°
478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	0°	478.3
555.6	557.7	556.9	552.2	539.9	535.1	533.1	527.6	521.5	521.5	516.0	2.5°	514.5
622.6	626.1	622.0	610.4	578.9	563.9	555.0	544.0	535.1	526.9	518.7	5°	507.0
670.0	672.7	665.8	639.1	583.0	557.7	544.0	531.0	520.1	505.7	492.7	7.5°	481.0
678.8	685.0	677.4	639.1	574.1	542.7	527.6	513.2	497.5	482.4	464.0	10°	449.6
653.4	666.5	661.1	632.9	570.1	536.5	518.7	501.5	482.4	466.7	445.5	12.5°	431.7
614.5	615.9	619.3	618.7	562.5	529.6	511.9	494.1	476.9	461.9	443.4	15°	426.3
571.4	570.1	574.1	587.1	560.5	534.4	522.8	505.7	493.3	476.2	461.9	17.5°	442.8
532.3	530.3	534.4	547.4	552.2	546.1	541.3	531.0	521.5	510.5	498.9	20°	480.3
507.7	500.9	500.2	519.4	556.3	572.8	576.2	574.7	574.1	565.9	557.7	22.5°	536.5
494.1	486.5	489.9	511.9	573.4	604.2	620.0	625.4	632.9	632.9	632.9	25°	612.5
489.9	481.7	486.5	511.1	591.3	642.6	665.1	678.8	693.2	699.3	703.5	27.5°	690.4
492.7	484.5	486.5	516.0	600.1	651.5	678.1	697.9	720.5	735.6	745.9	30°	735.6
508.4	494.1	492.7	530.3	616.6	671.2	699.3	721.9	747.2	764.4	782.9	32.5°	781.4
529.6	509.1	506.4	553.5	637.8	696.5	724.7	744.4	770.5	793.7	820.4	35°	830.0
565.2	539.9	535.7	592.6	666.5	717.8	745.9	771.8	799.9	830.0	864.3	37.5°	886.9
613.1	587.9	587.9	642.6	705.5	747.2	778.0	805.4	836.2	876.6	918.2	40°	954.6
667.2	650.7	653.4	702.7	749.9	784.2	813.7	843.0	875.2	915.6	964.2	42.5°	1010.8
739.0	730.1	743.8	778.7	795.1	818.4	844.4	870.4	905.3	947.0	1002.5	45°	1051.7
823.2	830.8	849.9	860.8	841.0	853.3	873.8	897.8	938.8	981.3	1036.0	47.5°	1089.4
928.6	948.4	966.8	964.2	897.8	893.6	912.9	931.4	972.3	1020.9	1079.1	50°	1136.5
1049.7	1075.7	1088.7	1073.7	961.5	937.5	953.2	978.5	1023.7	1079.1	1144.1	52.5°	1200.2
1172.8	1204.4	1200.2	1183.1	1030.5	998.4	1008.0	1038.0	1093.5	1156.5	1238.5	55°	1294.0
1284.4	1309.0	1320.0	1283.0	1114.7	1072.3	1083.3	1114.7	1173.5	1244.1	1328.2	57.5°	1382.9
1372.7	1399.4	1399.4	1363.1	1206.4	1157.2	1175.6	1206.4	1257.0	1326.9	1405.5	60°	1452.6
1437.0	1458.2	1450.8	1415.8	1285.0	1247.5	1261.8	1304.2	1350.2	1402.1	1464.3	62.5°	1488.3
1432.2	1434.2	1426.1	1413.0	1332.3	1328.2	1355.5	1388.4	1426.7	1446.6	1481.5	65°	1490.4
1297.4	1298.1	1314.5	1309.0	1296.7	1347.4	1382.9	1410.2	1443.8	1443.8	1439.7	67.5°	1443.8
1063.3	1074.4	1102.4	1094.1	1157.2	1261.1	1302.3	1344.0	1373.4	1373.4	1338.5	70°	1318.6
809.6	816.4	849.9	842.3	927.9	1042.1	1132.5	1202.3	1231.0	1248.8	1204.4	72.5°	1107.9
589.2	588.5	602.9	591.9	700.0	827.2	920.3	1007.3	1054.5	1069.5	988.8	75°	812.2
453.6	441.3	438.6	440.0	496.1	601.4	675.3	730.8	737.0	739.0	630.3	77.5°	492.0
366.1	366.1	361.9	346.9	303.9	351.8	389.3	433.2	449.0	471.5	377.7	80°	277.1
292.2	280.5	260.0	230.7	195.0	208.0	225.8	242.3	269.0	278.6	230.0	82.5°	157.5
145.7	141.7	123.9	102.7	85.5	113.5	126.6	128.0	128.0	118.4	96.5	85°	64.3
0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87.5°	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°	0.0

'271366
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TION (continued):

359°	360°
478.3	478.3
506.4	507.7
495.4	491.4
461.2	455.0
424.3	419.5
403.0	396.9
398.9	392.1
413.3	405.0
445.5	435.9
496.9	485.2
567.3	555.6
636.4	621.4
685.7	670.6
733.6	715.8
781.4	763.6
845.8	830.0
916.9	894.4
975.8	954.6
1022.3	1000.4
1066.7	1044.9
1117.4	1102.4
1193.4	1180.5
1309.0	1290.5
1393.9	1385.6
1437.6	1427.4
1451.3	1434.2
1433.5	1407.6
1377.6	1347.4
1242.0	1202.3
990.1	963.4
667.9	652.1
383.8	363.4
220.4	213.4
123.9	130.7
32.2	35.7
0.0	0.0
0.0	0.0

(END OF REPORT)