Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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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: P945808

Luminaire Tested: **GALN-SB1C-927-U-SLR**

Issue Date: 1/21/2025

Report Generated By 670246001

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Test Information

Test Method:	LM-79-08
Report Number:	P945808
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab:	INNOVATION CENTER
Issue Date:	1/21/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SB1C-927-U-SLR
Description:	GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
	(1) 90 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4544 lumens
Efficiency:	N/A
Efficacy:	83.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2
Input Watts (W):	54.4
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:	24 FT

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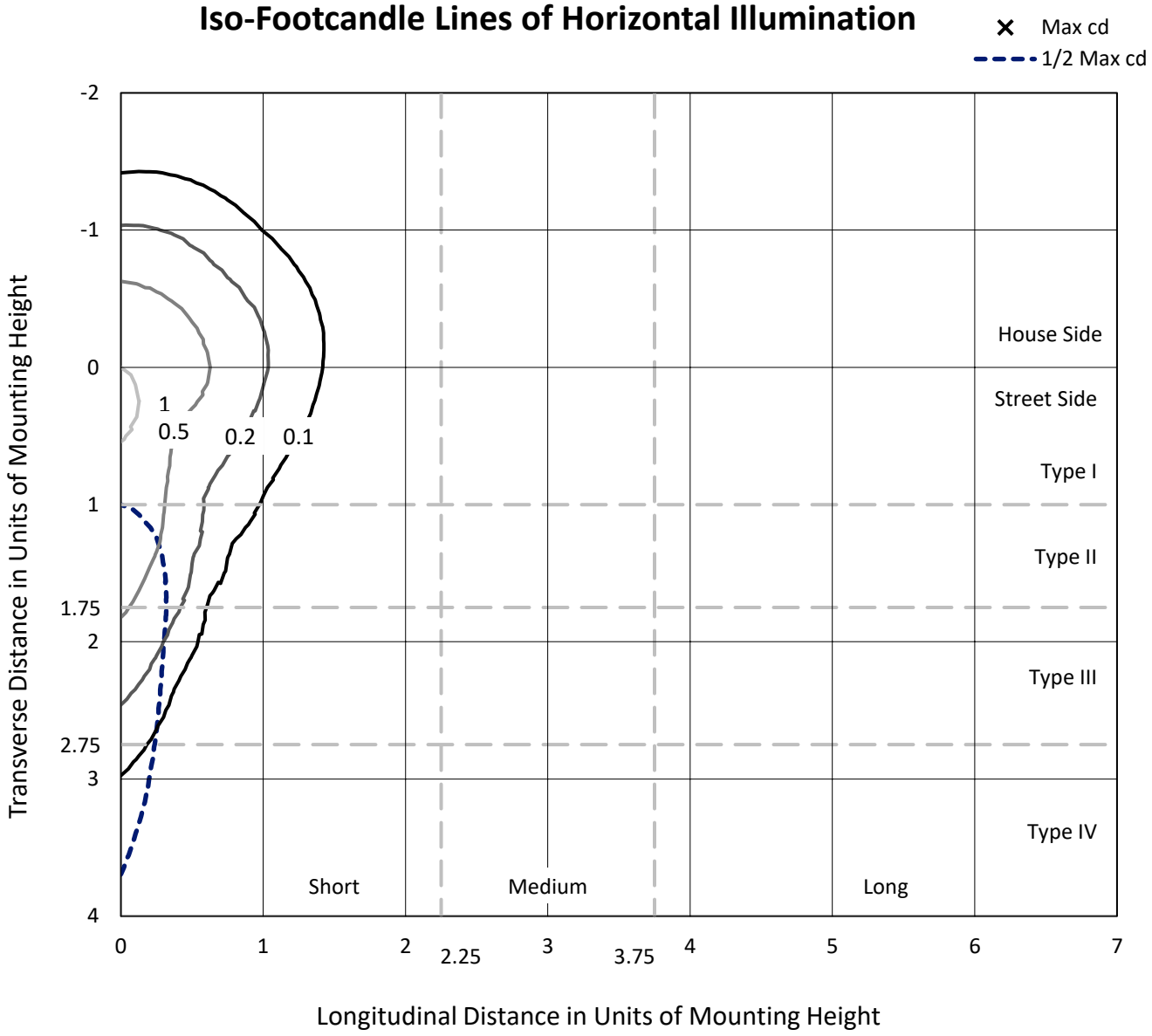
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 1.2 fc
Type IV - Short - N/A

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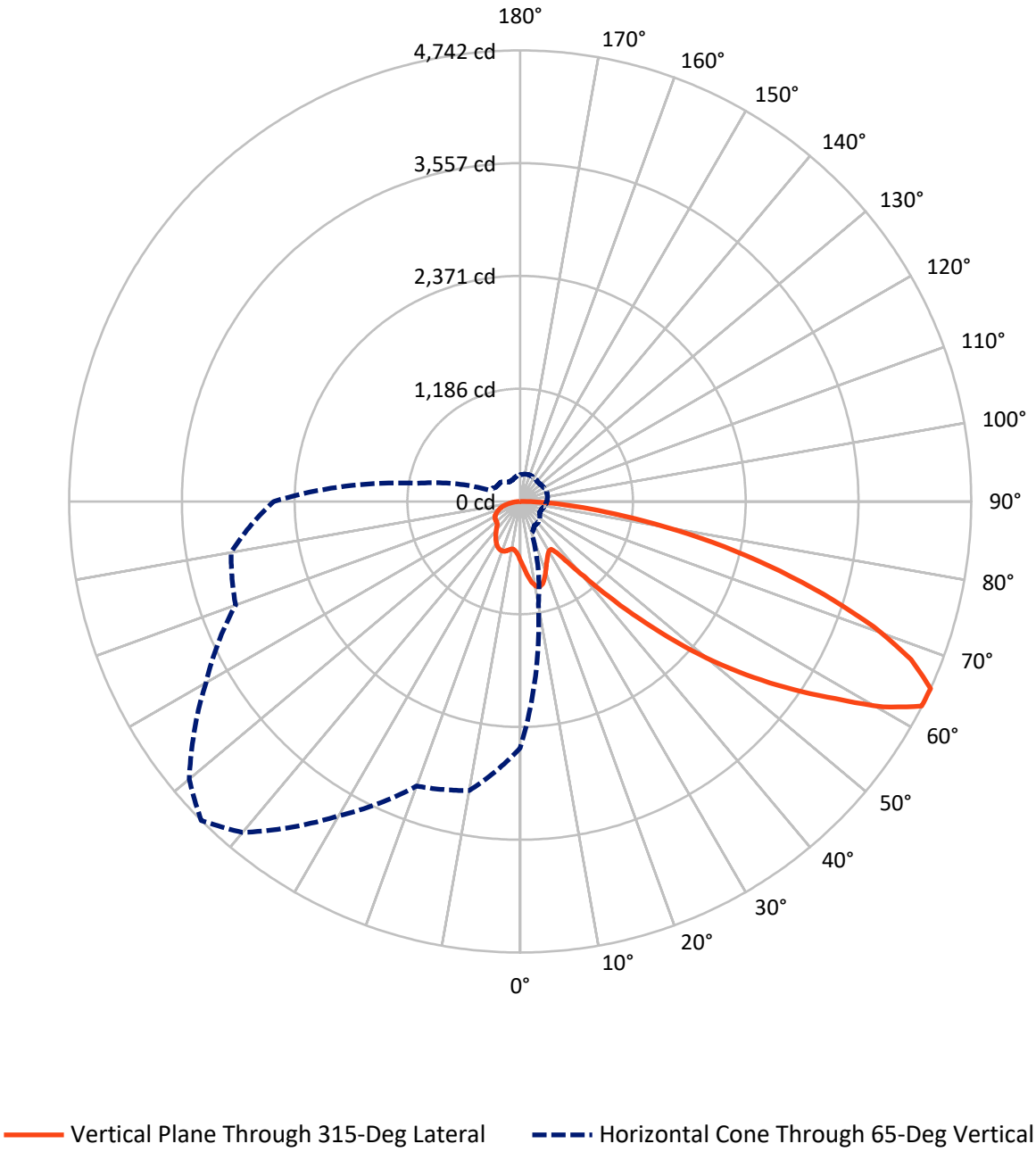
Luminous Intensity Polar Plot



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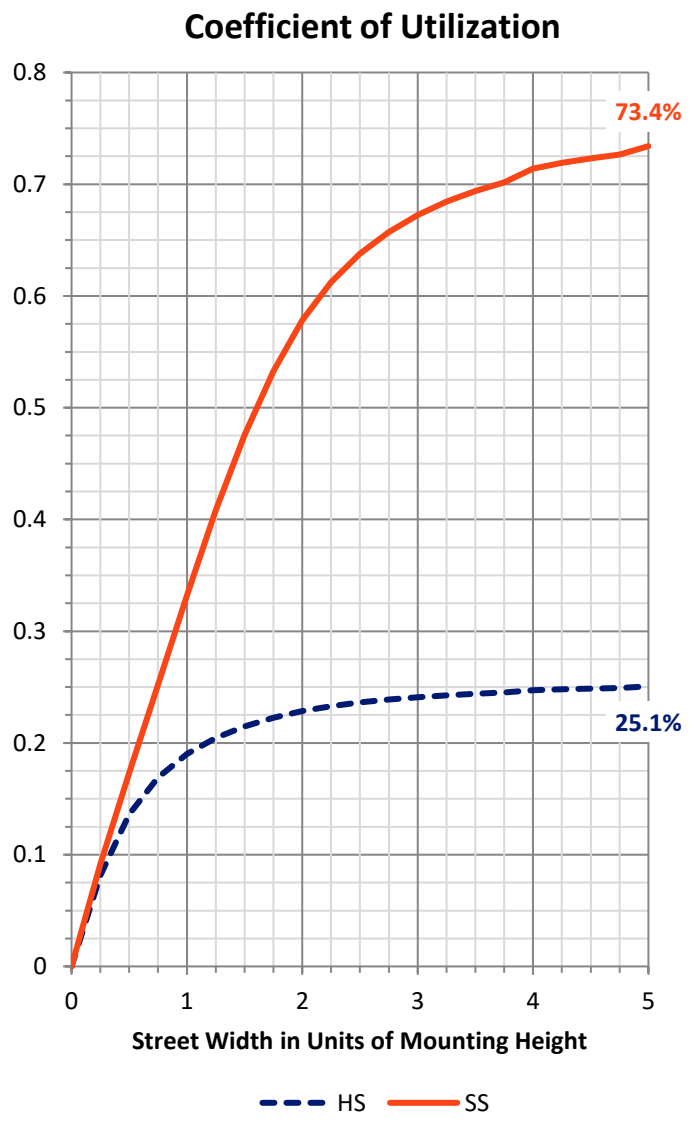
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1154.9	0.0	1154.9
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	3389.1	0.0	3389.1
	% Fixture	74.6	0.0	74.6
Total	Lumens	4544.0	0.0	4544.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.0	1.4
10°-20°	194.6	4.3
20°-30°	300.6	6.6
30°-40°	380.9	8.4
40°-50°	574.5	12.6
50°-60°	928.1	20.4
60°-70°	1157.1	25.5
70°-80°	758.7	16.7
80°-90°	187.6	4.1
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°	4544.0	100.0
0°-180°	4544.0	100.0



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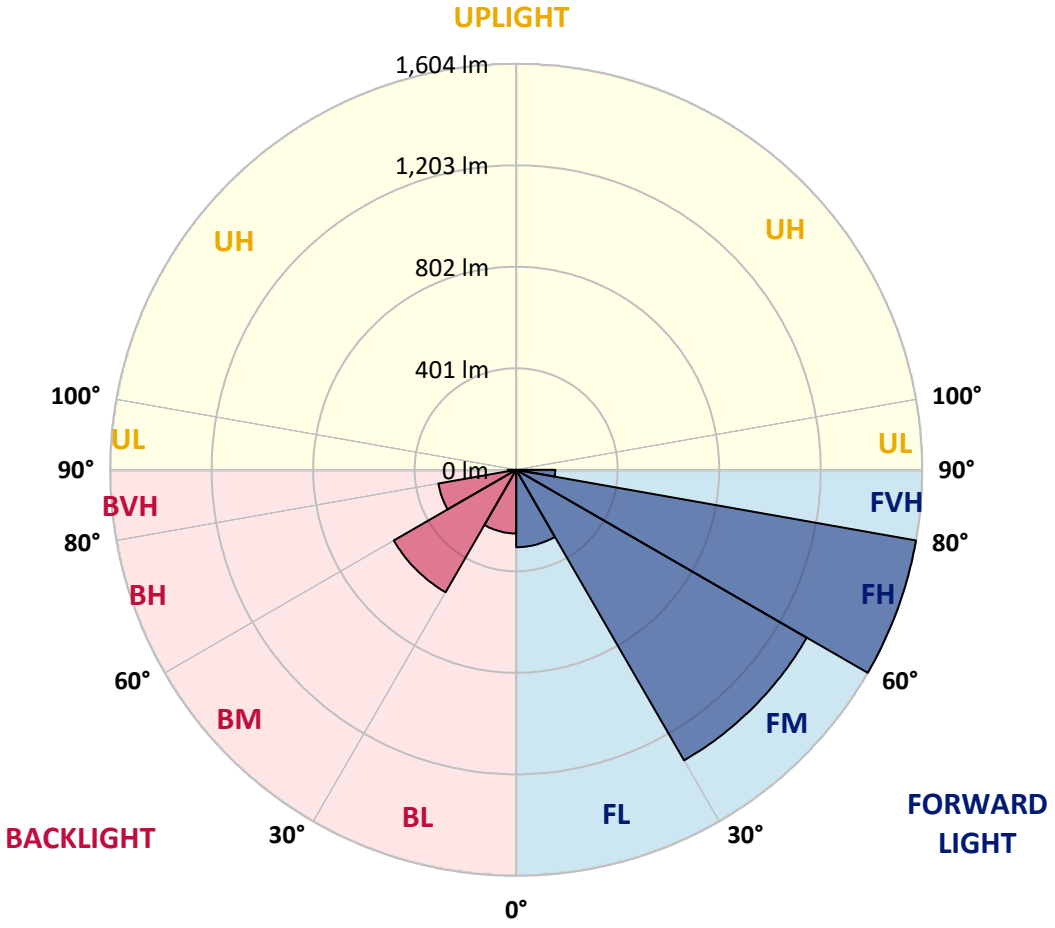
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	305.6	6.7			
FM	(30°-60°)	1325.4	29.2			
FH	(60°-80°)	1603.6	35.3			G1/1800
FVH	(80°-90°)	154.5	3.4			G2/225
BL	(0°-30°)	251.5	5.5	B1/500		
BM	(30°-60°)	558.1	12.3	B1/1000		
BH	(60°-80°)	312.2	6.9	B1/500		G1/500
BVH	(80°-90°)	33.1	0.7			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°
0°	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8
2.5°	672.0	666.8	661.6	656.2	650.7	645.2	639.7	634.4	629.1	624.0
5°	722.5	711.2	699.8	688.4	677.1	665.6	654.2	643.5	632.9	622.8
7.5°	773.4	754.6	735.8	718.4	701.1	684.2	667.3	652.4	637.5	623.8
10°	812.3	788.6	764.8	741.9	718.9	698.4	677.9	660.3	642.6	625.7
12.5°	836.2	810.1	784.0	758.0	732.0	707.8	683.6	663.7	643.7	625.9
15°	850.7	823.5	796.3	768.1	739.9	712.0	684.1	661.0	638.0	618.2
17.5°	858.9	831.3	803.7	772.9	742.1	709.8	677.4	649.7	621.9	598.7
20°	867.8	839.2	810.5	776.7	742.9	703.6	664.4	630.0	595.6	568.6
22.5°	878.3	849.0	819.7	781.7	743.8	696.1	648.4	607.0	565.6	534.8
25°	891.7	863.0	834.3	791.0	747.6	688.7	629.8	581.2	532.8	501.2
27.5°	909.9	882.5	855.1	805.3	755.5	683.7	611.9	557.7	503.6	474.9
30°	934.5	908.0	881.6	824.0	766.4	681.4	596.4	538.1	479.8	455.7
32.5°	963.5	937.3	911.1	843.4	775.7	678.5	581.2	521.1	461.0	441.5
35°	998.8	973.7	948.6	865.6	782.6	673.1	563.6	504.5	445.3	429.1
37.5°	1058.1	1026.1	994.1	890.4	786.6	663.8	541.0	484.8	428.7	414.6
40°	1147.8	1101.2	1054.6	921.9	789.2	651.0	512.9	461.4	410.0	397.2
42.5°	1266.7	1199.4	1132.1	963.1	794.1	637.8	481.6	435.6	389.6	377.8
45°	1413.6	1322.8	1232.1	1017.3	802.6	625.6	448.6	408.2	367.8	355.8
47.5°	1597.2	1469.5	1341.7	1075.1	808.5	615.5	422.4	386.5	350.5	335.1
50°	1838.0	1645.4	1452.8	1128.7	804.7	604.4	404.2	372.1	339.9	319.6
52.5°	2114.3	1830.2	1546.0	1163.6	781.0	585.8	390.6	362.6	334.6	311.2
55°	2408.5	1994.0	1579.5	1155.9	732.3	554.9	377.6	355.7	333.8	312.1
57.5°	2676.1	2110.1	1544.1	1101.9	659.7	511.4	363.0	347.5	332.1	312.9
60°	2837.8	2139.1	1440.3	1001.4	562.5	454.8	347.2	335.1	322.9	310.3
62.5°	2755.7	2016.9	1278.2	865.5	452.9	387.2	321.5	313.4	305.3	303.8
65°	*2591.3*	*1844.1*	*1096.8*	*726.9*	*357.0*	*326.3*	*295.6*	*291.8*	*288.0*	*288.2*
67.5°	2371.1	1638.4	905.7	591.1	276.5	267.8	259.1	261.2	263.3	262.8
70°	2106.5	1413.9	721.3	465.4	209.4	211.9	214.4	224.3	234.1	234.1
72.5°	1791.2	1170.6	550.0	355.8	161.6	169.1	176.6	190.6	204.6	206.9
75°	1392.3	891.7	391.0	258.2	125.4	132.3	139.1	154.7	170.4	181.3
77.5°	994.8	624.1	253.4	175.0	96.6	101.2	105.9	121.1	136.3	154.2
80°	651.1	402.1	153.1	112.7	72.4	74.3	76.2	89.1	102.0	123.4
82.5°	378.5	232.7	87.0	69.3	51.7	52.1	52.5	62.0	71.5	89.7
85°	166.5	104.7	42.9	37.1	31.3	31.1	30.9	37.9	44.8	58.4
87.5°	51.6	34.3	17.0	15.4	13.7	13.5	13.4	16.2	19.1	24.7
90°	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°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
624.8	0°	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8
618.3	2.5°	613.7	609.1	605.0	600.9	597.2	593.6	590.0	586.4	583.6	580.7
612.9	5°	604.2	595.5	588.2	580.9	574.5	568.1	562.2	556.4	551.9	547.4
610.9	7.5°	599.3	587.8	578.2	568.6	560.5	552.4	545.3	538.2	532.8	527.5
611.8	10°	599.7	587.5	577.9	568.3	559.6	550.9	542.8	534.8	528.4	522.0
613.0	12.5°	603.1	593.1	586.8	580.4	573.6	566.8	558.4	550.2	542.0	533.8
607.9	15°	603.2	598.4	599.3	600.1	598.4	596.6	589.4	582.2	570.6	559.0
592.4	17.5°	594.1	595.8	606.3	616.7	622.3	627.8	622.0	616.2	600.8	585.5
566.9	20°	575.1	583.2	601.4	619.6	631.2	642.8	640.1	637.4	619.9	602.3
538.1	22.5°	550.2	562.2	582.9	603.7	618.8	634.0	635.6	637.2	620.4	603.6
510.1	25°	524.0	537.9	556.6	575.2	590.1	605.0	610.5	616.1	602.3	588.6
485.7	27.5°	499.1	512.5	527.8	543.1	555.1	567.0	573.2	579.4	569.6	559.8
464.1	30°	474.8	485.5	498.2	510.9	520.8	530.7	535.8	540.8	533.3	525.9
445.3	32.5°	451.6	457.9	468.1	478.2	487.7	497.2	502.8	508.4	501.6	494.7
427.5	35°	429.2	431.0	438.7	446.5	455.8	465.3	472.0	478.7	473.8	468.9
408.9	37.5°	406.9	405.0	410.6	416.1	425.5	434.9	443.2	451.5	449.2	447.0
388.4	40°	384.1	379.7	383.8	387.8	396.8	405.9	415.4	425.0	425.5	426.1
366.7	42.5°	361.0	355.2	358.5	361.8	370.3	379.0	389.3	399.6	402.3	405.1
345.1	45°	339.5	334.0	336.7	339.5	347.6	355.8	366.5	377.2	381.1	385.1
325.9	47.5°	321.2	316.5	319.1	321.7	329.6	337.6	348.1	358.7	363.3	367.8
308.9	50°	304.8	300.6	304.7	308.7	316.2	323.7	333.2	342.6	348.5	354.3
296.3	52.5°	292.2	288.1	294.1	300.2	307.1	314.0	322.8	331.6	338.5	345.5
289.6	55°	283.1	276.6	285.2	293.8	301.2	308.6	316.4	324.0	331.4	338.7
285.6	57.5°	276.1	266.6	275.8	285.1	293.8	302.5	310.2	317.8	325.2	332.6
281.8	60°	269.5	257.2	265.3	273.4	283.4	293.4	301.2	308.9	316.4	323.8
277.4	62.5°	262.0	246.6	251.8	256.9	268.6	280.3	288.6	296.8	303.6	310.5
268.1	65°	*251.7*	*235.3*	*237.3*	*239.3*	*251.8*	*264.3*	*272.3*	*280.2*	*286.2*	*292.2*
251.5	67.5°	237.9	224.2	223.6	223.0	234.5	246.1	253.6	261.1	266.3	271.5
230.4	70°	220.7	211.0	208.9	206.7	216.9	227.1	233.5	240.0	244.7	249.4
207.0	72.5°	200.3	193.7	190.5	187.4	195.4	203.4	209.2	215.1	219.7	224.2
180.4	75°	175.2	170.1	167.1	164.1	170.0	175.9	181.2	186.5	190.7	194.9
153.7	77.5°	149.6	145.5	142.4	139.4	144.2	149.0	153.6	158.1	162.5	166.9
123.3	80°	119.9	116.4	113.8	111.3	115.3	119.3	123.1	127.0	130.3	133.6
90.7	82.5°	89.0	87.3	85.5	83.7	83.3	83.0	81.7	80.3	87.4	94.5
59.7	85°	57.9	56.1	54.1	52.0	50.3	48.6	44.8	41.1	47.8	54.4
26.4	87.5°	25.7	24.9	24.6	24.2	24.1	24.0	21.2	18.3	21.1	23.9
0.0	90°	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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
624.8	0°	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8
578.4	2.5°	576.2	574.4	572.6	571.0	569.3	567.3	569.3	571.0	572.6	574.4
544.3	5°	541.1	538.9	536.7	534.9	533.2	531.6	533.2	534.9	536.7	538.9
523.8	7.5°	520.0	517.4	514.9	513.4	511.9	510.7	511.9	513.4	514.9	517.4
517.9	10°	513.6	511.2	508.8	507.5	506.2	505.7	506.2	507.5	508.8	511.2
528.5	12.5°	523.1	520.3	517.7	516.6	515.5	515.3	515.5	516.6	517.7	520.3
550.8	15°	542.6	538.8	535.0	533.6	532.2	532.0	532.2	533.6	535.0	538.8
573.4	17.5°	561.3	555.7	550.2	548.3	546.5	546.2	546.5	548.3	550.2	555.7
587.5	20°	572.7	565.6	558.4	556.1	553.9	553.1	553.9	556.1	558.4	565.6
588.4	22.5°	573.1	565.6	558.1	555.5	553.0	551.9	553.0	555.5	558.1	565.6
575.0	25°	561.5	555.0	548.5	546.1	543.7	542.4	543.7	546.1	548.5	555.0
549.3	27.5°	538.8	534.4	530.0	528.9	527.9	527.5	527.9	528.9	530.0	534.4
518.3	30°	510.8	508.5	506.3	506.3	506.3	506.6	506.3	506.3	506.3	508.5
488.7	32.5°	482.7	481.2	479.7	479.9	480.1	480.5	480.1	479.9	479.7	481.2
463.4	35°	457.8	455.6	453.4	452.9	452.4	452.2	452.4	452.9	453.4	455.6
441.9	37.5°	436.7	432.7	428.7	426.5	424.4	423.2	424.4	426.5	428.7	432.7
421.7	40°	417.4	411.5	405.6	401.7	397.7	395.4	397.7	401.7	405.6	411.5
401.4	42.5°	397.8	390.5	383.2	377.4	371.6	367.8	371.6	377.4	383.2	390.5
381.8	45°	378.5	370.1	361.8	355.0	348.2	343.8	348.2	355.0	361.8	370.1
365.5	47.5°	363.2	355.8	348.3	342.1	335.8	331.6	335.8	342.1	348.3	355.8
354.2	50°	354.1	348.1	342.2	336.4	330.6	326.6	330.6	336.4	342.2	348.1
346.7	52.5°	348.0	343.1	338.3	333.1	327.9	324.2	327.9	333.1	338.3	343.1
340.5	55°	342.2	338.0	333.8	329.2	324.6	321.3	324.6	329.2	333.8	338.0
334.4	57.5°	336.1	331.8	327.6	323.1	318.5	315.1	318.5	323.1	327.6	331.8
325.7	60°	327.6	323.5	319.3	314.7	310.0	306.4	310.0	314.7	319.3	323.5
312.3	62.5°	314.1	310.4	306.6	301.7	296.8	292.5	296.8	301.7	306.6	310.4
294.1	65°	*295.9*	*292.3*	*288.7*	*283.9*	*279.2*	*275.5*	*279.2*	*283.9*	*288.7*	*292.3*
273.3	67.5°	275.1	271.8	268.5	264.1	259.7	256.3	259.7	264.1	268.5	271.8
251.1	70°	252.9	250.2	247.5	243.3	239.1	235.2	239.1	243.3	247.5	250.2
226.3	72.5°	228.5	226.2	223.9	219.9	215.9	212.2	215.9	219.9	223.9	226.2
197.1	75°	199.3	198.2	197.1	193.7	190.3	186.8	190.3	193.7	197.1	198.2
168.9	77.5°	171.0	169.5	167.9	164.5	161.1	158.2	161.1	164.5	167.9	169.5
136.3	80°	139.1	138.4	137.7	133.2	128.6	123.2	128.6	133.2	137.7	138.4
99.2	82.5°	103.8	103.5	103.2	99.4	95.5	92.1	95.5	99.4	103.2	103.5
60.2	85°	65.9	65.5	65.0	62.0	58.9	55.9	58.9	62.0	65.0	65.5
26.3	87.5°	28.6	28.0	27.4	25.8	24.3	22.8	24.3	25.8	27.4	28.0
0.0	90°	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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
624.8	0°	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8
576.2	2.5°	578.4	580.7	583.6	586.4	590.0	593.6	597.2	600.9	605.0	609.1
541.1	5°	544.3	547.4	551.9	556.4	562.2	568.1	574.5	580.9	588.2	595.5
520.0	7.5°	523.8	527.5	532.8	538.2	545.3	552.4	560.5	568.6	578.2	587.8
513.6	10°	517.9	522.0	528.4	534.8	542.8	550.9	559.6	568.3	577.9	587.5
523.1	12.5°	528.5	533.8	542.0	550.2	558.4	566.8	573.6	580.4	586.8	593.1
542.6	15°	550.8	559.0	570.6	582.2	589.4	596.6	598.4	600.1	599.3	598.4
561.3	17.5°	573.4	585.5	600.8	616.2	622.0	627.8	622.3	616.7	606.3	595.8
572.7	20°	587.5	602.3	619.9	637.4	640.1	642.8	631.2	619.6	601.4	583.2
573.1	22.5°	588.4	603.6	620.4	637.2	635.6	634.0	618.8	603.7	582.9	562.2
561.5	25°	575.0	588.6	602.3	616.1	610.5	605.0	590.1	575.2	556.6	537.9
538.8	27.5°	549.3	559.8	569.6	579.4	573.2	567.0	555.1	543.1	527.8	512.5
510.8	30°	518.3	525.9	533.3	540.8	535.8	530.7	520.8	510.9	498.2	485.5
482.7	32.5°	488.7	494.7	501.6	508.4	502.8	497.2	487.7	478.2	468.1	457.9
457.8	35°	463.4	468.9	473.8	478.7	472.0	465.3	455.8	446.5	438.7	431.0
436.7	37.5°	441.9	447.0	449.2	451.5	443.2	434.9	425.5	416.1	410.6	405.0
417.4	40°	421.7	426.1	425.5	425.0	415.4	405.9	396.8	387.8	383.8	379.7
397.8	42.5°	401.4	405.1	402.3	399.6	389.3	379.0	370.3	361.8	358.5	355.2
378.5	45°	381.8	385.1	381.1	377.2	366.5	355.8	347.6	339.5	336.7	334.0
363.2	47.5°	365.5	367.8	363.3	358.7	348.1	337.6	329.6	321.7	319.1	316.5
354.1	50°	354.2	354.3	348.5	342.6	333.2	323.7	316.2	308.7	304.7	300.6
348.0	52.5°	346.7	345.5	338.5	331.6	322.8	314.0	307.1	300.2	294.1	288.1
342.2	55°	340.5	338.7	331.4	324.0	316.4	308.6	301.2	293.8	285.2	276.6
336.1	57.5°	334.4	332.6	325.2	317.8	310.2	302.5	293.8	285.1	275.8	266.6
327.6	60°	325.7	323.8	316.4	308.9	301.2	293.4	283.4	273.4	265.3	257.2
314.1	62.5°	312.3	310.5	303.6	296.8	288.6	280.3	268.6	256.9	251.8	246.6
295.9	65°	*294.1*	*292.2*	*286.2*	*280.2*	*272.3*	*264.3*	*251.8*	*239.3*	*237.3*	*235.3*
275.1	67.5°	273.3	271.5	266.3	261.1	253.6	246.1	234.5	223.0	223.6	224.2
252.9	70°	251.1	249.4	244.7	240.0	233.5	227.1	216.9	206.7	208.9	211.0
228.5	72.5°	226.3	224.2	219.7	215.1	209.2	203.4	195.4	187.4	190.5	193.7
199.3	75°	197.1	194.9	190.7	186.5	181.2	175.9	170.0	164.1	167.1	170.1
171.0	77.5°	168.9	166.9	162.5	158.1	153.6	149.0	144.2	139.4	142.4	145.5
139.1	80°	136.3	133.6	130.3	127.0	123.1	119.3	115.3	111.3	113.8	116.4
103.8	82.5°	99.2	94.5	87.4	80.3	81.7	83.0	83.3	83.7	85.5	87.3
65.9	85°	60.2	54.4	47.8	41.1	44.8	48.6	50.3	52.0	54.1	56.1
28.6	87.5°	26.3	23.9	21.1	18.3	21.2	24.0	24.1	24.2	24.6	24.9
0.0	90°	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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
624.8	0°	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8
613.7	2.5°	618.3	624.0	629.1	634.4	639.7	645.2	650.7	656.2	661.6	666.8
604.2	5°	612.9	622.8	632.9	643.5	654.2	665.6	677.1	688.4	699.8	711.2
599.3	7.5°	610.9	623.8	637.5	652.4	667.3	684.2	701.1	718.4	735.8	754.6
599.7	10°	611.8	625.7	642.6	660.3	677.9	698.4	718.9	741.9	764.8	788.6
603.1	12.5°	613.0	625.9	643.7	663.7	683.6	707.8	732.0	758.0	784.0	810.1
603.2	15°	607.9	618.2	638.0	661.0	684.1	712.0	739.9	768.1	796.3	823.5
594.1	17.5°	592.4	598.7	621.9	649.7	677.4	709.8	742.1	772.9	803.7	831.3
575.1	20°	566.9	568.6	595.6	630.0	664.4	703.6	742.9	776.7	810.5	839.2
550.2	22.5°	538.1	534.8	565.6	607.0	648.4	696.1	743.8	781.7	819.7	849.0
524.0	25°	510.1	501.2	532.8	581.2	629.8	688.7	747.6	791.0	834.3	863.0
499.1	27.5°	485.7	474.9	503.6	557.7	611.9	683.7	755.5	805.3	855.1	882.5
474.8	30°	464.1	455.7	479.8	538.1	596.4	681.4	766.4	824.0	881.6	908.0
451.6	32.5°	445.3	441.5	461.0	521.1	581.2	678.5	775.7	843.4	911.1	937.3
429.2	35°	427.5	429.1	445.3	504.5	563.6	673.1	782.6	865.6	948.6	973.7
406.9	37.5°	408.9	414.6	428.7	484.8	541.0	663.8	786.6	890.4	994.1	1026.1
384.1	40°	388.4	397.2	410.0	461.4	512.9	651.0	789.2	921.9	1054.6	1101.2
361.0	42.5°	366.7	377.8	389.6	435.6	481.6	637.8	794.1	963.1	1132.1	1199.4
339.5	45°	345.1	355.8	367.8	408.2	448.6	625.6	802.6	1017.3	1232.1	1322.8
321.2	47.5°	325.9	335.1	350.5	386.5	422.4	615.5	808.5	1075.1	1341.7	1469.5
304.8	50°	308.9	319.6	339.9	372.1	404.2	604.4	804.7	1128.7	1452.8	1645.4
292.2	52.5°	296.3	311.2	334.6	362.6	390.6	585.8	781.0	1163.6	1546.0	1830.2
283.1	55°	289.6	312.1	333.8	355.7	377.6	554.9	732.3	1155.9	1579.5	1994.0
276.1	57.5°	285.6	312.9	332.1	347.5	363.0	511.4	659.7	1101.9	1544.1	2110.1
269.5	60°	281.8	310.3	322.9	335.1	347.2	454.8	562.5	1001.4	1440.3	2139.1
262.0	62.5°	277.4	303.8	305.3	313.4	321.5	387.2	452.9	865.5	1278.2	2016.9
251.7	65°	*268.1*	*288.2*	*288.0*	*291.8*	*295.6*	*326.3*	*357.0*	*726.9*	*1096.8*	*1844.1*
237.9	67.5°	251.5	262.8	263.3	261.2	259.1	267.8	276.5	591.1	905.7	1638.4
220.7	70°	230.4	234.1	234.1	224.3	214.4	211.9	209.4	465.4	721.3	1413.9
200.3	72.5°	207.0	206.9	204.6	190.6	176.6	169.1	161.6	355.8	550.0	1170.6
175.2	75°	180.4	181.3	170.4	154.7	139.1	132.3	125.4	258.2	391.0	891.7
149.6	77.5°	153.7	154.2	136.3	121.1	105.9	101.2	96.6	175.0	253.4	624.1
119.9	80°	123.3	123.4	102.0	89.1	76.2	74.3	72.4	112.7	153.1	402.1
89.0	82.5°	90.7	89.7	71.5	62.0	52.5	52.1	51.7	69.3	87.0	232.7
57.9	85°	59.7	58.4	44.8	37.9	30.9	31.1	31.3	37.1	42.9	104.7
25.7	87.5°	26.4	24.7	19.1	16.2	13.4	13.5	13.7	15.4	17.0	34.3
0.0	90°	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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
624.8	0°	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	*624.8*	624.8
672.0	2.5°	674.5	677.1	680.7	684.3	686.5	688.6	689.7	690.8	*690.3*	690.8
722.5	5°	731.4	740.4	749.2	758.0	762.8	767.6	770.5	773.4	*775.7*	773.4
773.4	7.5°	787.9	802.3	815.3	828.4	836.2	844.0	848.3	852.5	*854.5*	852.5
812.3	10°	829.5	846.6	861.9	877.1	886.4	895.6	899.7	903.8	*905.4*	903.8
836.2	12.5°	854.8	873.3	887.1	900.9	907.6	914.3	916.5	918.8	*919.0*	918.8
850.7	15°	866.7	882.7	891.4	900.0	900.3	900.5	898.1	895.7	*892.9*	895.7
858.9	17.5°	869.7	880.5	880.6	880.8	871.1	861.4	852.5	843.6	*837.3*	843.6
867.8	20°	871.6	875.4	864.0	852.6	831.2	809.7	794.1	778.5	*768.9*	778.5
878.3	22.5°	873.3	868.4	844.8	821.2	789.7	758.2	738.6	719.1	*708.5*	719.1
891.7	25°	876.1	860.5	824.7	788.9	750.6	712.3	691.8	671.3	*661.3*	671.3
909.9	27.5°	882.1	854.2	806.7	759.3	716.9	674.4	654.2	634.1	*624.6*	634.1
934.5	30°	892.9	851.4	793.0	734.6	690.4	646.2	627.5	608.7	*599.9*	608.7
963.5	32.5°	906.6	849.7	783.7	717.6	676.0	634.5	619.8	605.1	*598.7*	605.1
998.8	35°	929.1	859.5	790.7	721.8	693.0	664.1	660.7	657.3	*656.7*	657.3
1058.1	37.5°	976.2	894.3	831.7	769.1	767.3	765.4	781.1	796.8	*804.9*	796.8
1147.8	40°	1058.7	969.6	923.1	876.5	909.4	942.2	980.4	1018.5	*1037.5*	1018.5
1266.7	42.5°	1178.3	1089.9	1063.1	1036.3	1108.0	1179.6	1249.0	1318.3	*1359.0*	1318.3
1413.6	45°	1334.2	1254.8	1242.9	1231.1	1345.9	1460.7	1574.6	1688.6	*1757.7*	1688.6
1597.2	47.5°	1520.0	1442.7	1440.3	1437.9	1603.5	1769.1	1935.9	2102.7	*2200.6*	2102.7
1838.0	50°	1742.5	1647.2	1647.6	1648.0	1861.4	2074.8	2295.0	2515.1	*2648.3*	2515.1
2114.3	52.5°	1998.8	1883.3	1871.6	1859.9	2114.8	2369.7	2642.1	2914.5	*3074.1*	2914.5
2408.5	55°	2294.4	2180.2	2134.7	2089.2	2372.9	2656.5	2981.3	3306.1	*3495.8*	3306.1
2676.1	57.5°	2613.9	2551.7	2460.4	2369.1	2655.6	2942.0	3309.9	3677.7	*3913.0*	3677.7
2837.8	60°	2934.3	3030.9	2917.5	2804.1	3075.1	3346.2	3740.1	4133.9	*4388.3*	4133.9
2755.7	62.5°	3019.4	3283.2	3270.4	3257.6	3506.0	3754.3	4129.0	4503.7	*4738.8*	4503.7
2591.3	65°	*2838.9*	*3086.4*	*3135.4*	*3184.4*	*3500.0*	*3815.6*	*4178.9*	*4542.2*	*4742.4*	*4542.2*
2371.1	67.5°	2606.5	2842.0	2865.0	2887.9	3216.7	3545.5	3910.4	4275.3	*4432.1*	4275.3
2106.5	70°	2362.6	2618.7	2629.0	2639.3	2933.3	3227.3	3541.4	3855.4	*3942.5*	3855.4
1791.2	72.5°	2085.1	2379.0	2386.4	2393.7	2623.8	2853.9	3089.0	3324.2	*3333.0*	3324.2
1392.3	75°	1696.5	2000.7	2028.0	2055.3	2234.3	2413.3	2578.8	2744.4	*2700.0*	2744.4
994.8	77.5°	1278.7	1562.7	1601.8	1640.9	1776.9	1913.0	2030.4	2147.9	*2071.6*	2147.9
651.1	80°	890.0	1128.8	1177.4	1226.0	1328.8	1431.5	1493.1	1554.8	*1432.1*	1554.8
378.5	82.5°	541.8	705.1	759.4	813.7	884.4	955.1	980.8	1006.6	*910.2*	1006.6
166.5	85°	253.2	339.9	386.0	432.2	490.3	548.4	563.0	577.6	*500.4*	577.6
51.6	87.5°	80.7	109.8	135.6	161.3	190.4	219.4	220.7	221.9	*186.3*	221.9
0.0	90°	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):

325°		330°	335°	340°	345°	350°	355°	360°
624.8	0°	624.8	624.8	624.8	624.8	624.8	624.8	624.8
689.7	2.5°	688.6	686.5	684.3	680.7	677.1	674.5	672.0
770.5	5°	767.6	762.8	758.0	749.2	740.4	731.4	722.5
848.3	7.5°	844.0	836.2	828.4	815.3	802.3	787.9	773.4
899.7	10°	895.6	886.4	877.1	861.9	846.6	829.5	812.3
916.5	12.5°	914.3	907.6	900.9	887.1	873.3	854.8	836.2
898.1	15°	900.5	900.3	900.0	891.4	882.7	866.7	850.7
852.5	17.5°	861.4	871.1	880.8	880.6	880.5	869.7	858.9
794.1	20°	809.7	831.2	852.6	864.0	875.4	871.6	867.8
738.6	22.5°	758.2	789.7	821.2	844.8	868.4	873.3	878.3
691.8	25°	712.3	750.6	788.9	824.7	860.5	876.1	891.7
654.2	27.5°	674.4	716.9	759.3	806.7	854.2	882.1	909.9
627.5	30°	646.2	690.4	734.6	793.0	851.4	892.9	934.5
619.8	32.5°	634.5	676.0	717.6	783.7	849.7	906.6	963.5
660.7	35°	664.1	693.0	721.8	790.7	859.5	929.1	998.8
781.1	37.5°	765.4	767.3	769.1	831.7	894.3	976.2	1058.1
980.4	40°	942.2	909.4	876.5	923.1	969.6	1058.7	1147.8
1249.0	42.5°	1179.6	1108.0	1036.3	1063.1	1089.9	1178.3	1266.7
1574.6	45°	1460.7	1345.9	1231.1	1242.9	1254.8	1334.2	1413.6
1935.9	47.5°	1769.1	1603.5	1437.9	1440.3	1442.7	1520.0	1597.2
2295.0	50°	2074.8	1861.4	1648.0	1647.6	1647.2	1742.5	1838.0
2642.1	52.5°	2369.7	2114.8	1859.9	1871.6	1883.3	1998.8	2114.3
2981.3	55°	2656.5	2372.9	2089.2	2134.7	2180.2	2294.4	2408.5
3309.9	57.5°	2942.0	2655.6	2369.1	2460.4	2551.7	2613.9	2676.1
3740.1	60°	3346.2	3075.1	2804.1	2917.5	3030.9	2934.3	2837.8
4129.0	62.5°	3754.3	3506.0	3257.6	3270.4	3283.2	3019.4	2755.7
4178.9	65°	*3815.6*	*3500.0*	*3184.4*	*3135.4*	*3086.4*	*2838.9*	*2591.3*
3910.4	67.5°	3545.5	3216.7	2887.9	2865.0	2842.0	2606.5	2371.1
3541.4	70°	3227.3	2933.3	2639.3	2629.0	2618.7	2362.6	2106.5
3089.0	72.5°	2853.9	2623.8	2393.7	2386.4	2379.0	2085.1	1791.2
2578.8	75°	2413.3	2234.3	2055.3	2028.0	2000.7	1696.5	1392.3
2030.4	77.5°	1913.0	1776.9	1640.9	1601.8	1562.7	1278.7	994.8
1493.1	80°	1431.5	1328.8	1226.0	1177.4	1128.8	890.0	651.1
980.8	82.5°	955.1	884.4	813.7	759.4	705.1	541.8	378.5
563.0	85°	548.4	490.3	432.2	386.0	339.9	253.2	166.5
220.7	87.5°	219.4	190.4	161.3	135.6	109.8	80.7	51.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)