

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: P945115

Luminaire Tested: **GALN-SB1A-930-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945115
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-SB1A-930-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 90 CRI, 3000K, 350mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3110 lumens
Efficiency: N/A
Efficacy: 100.6 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

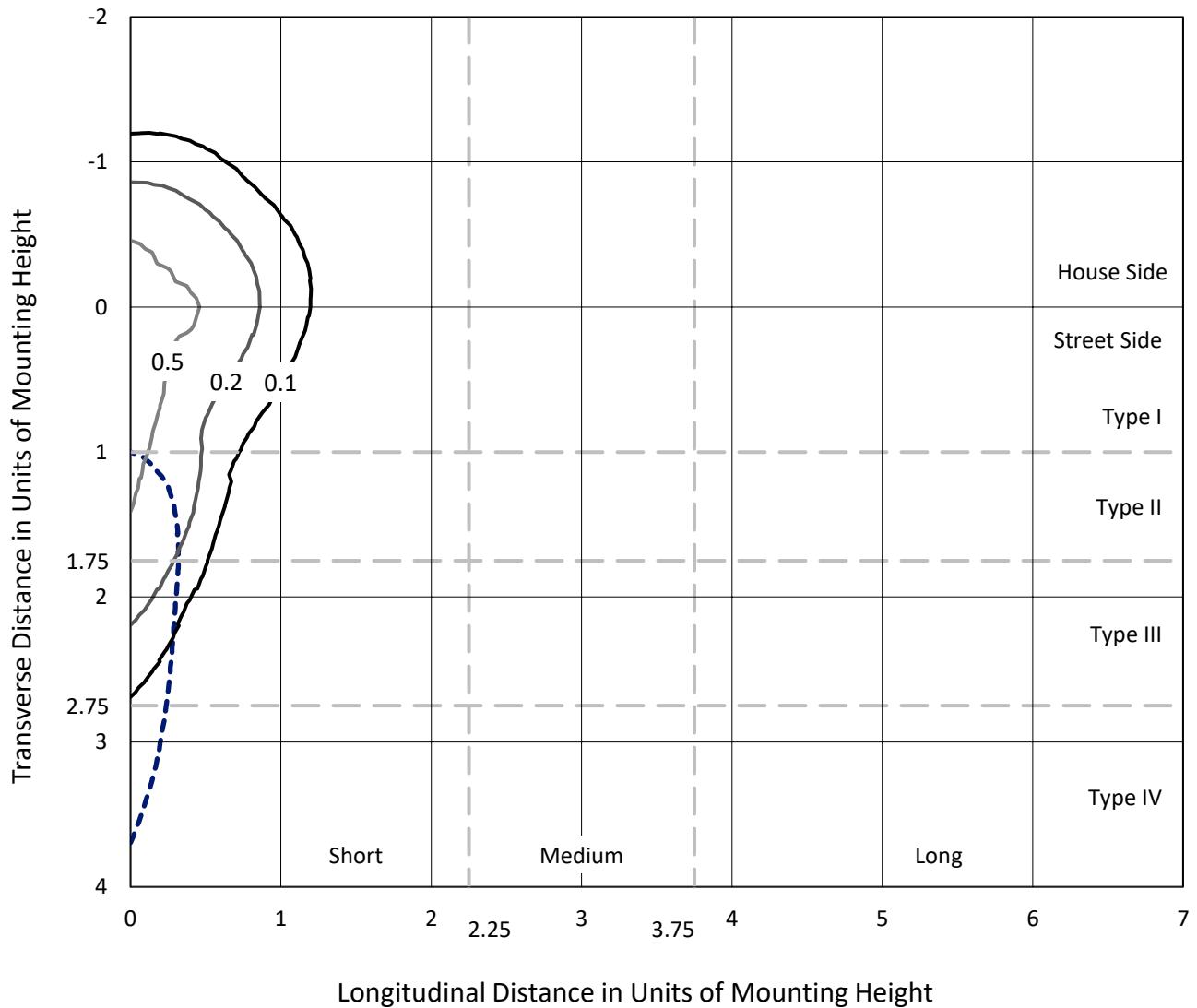
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

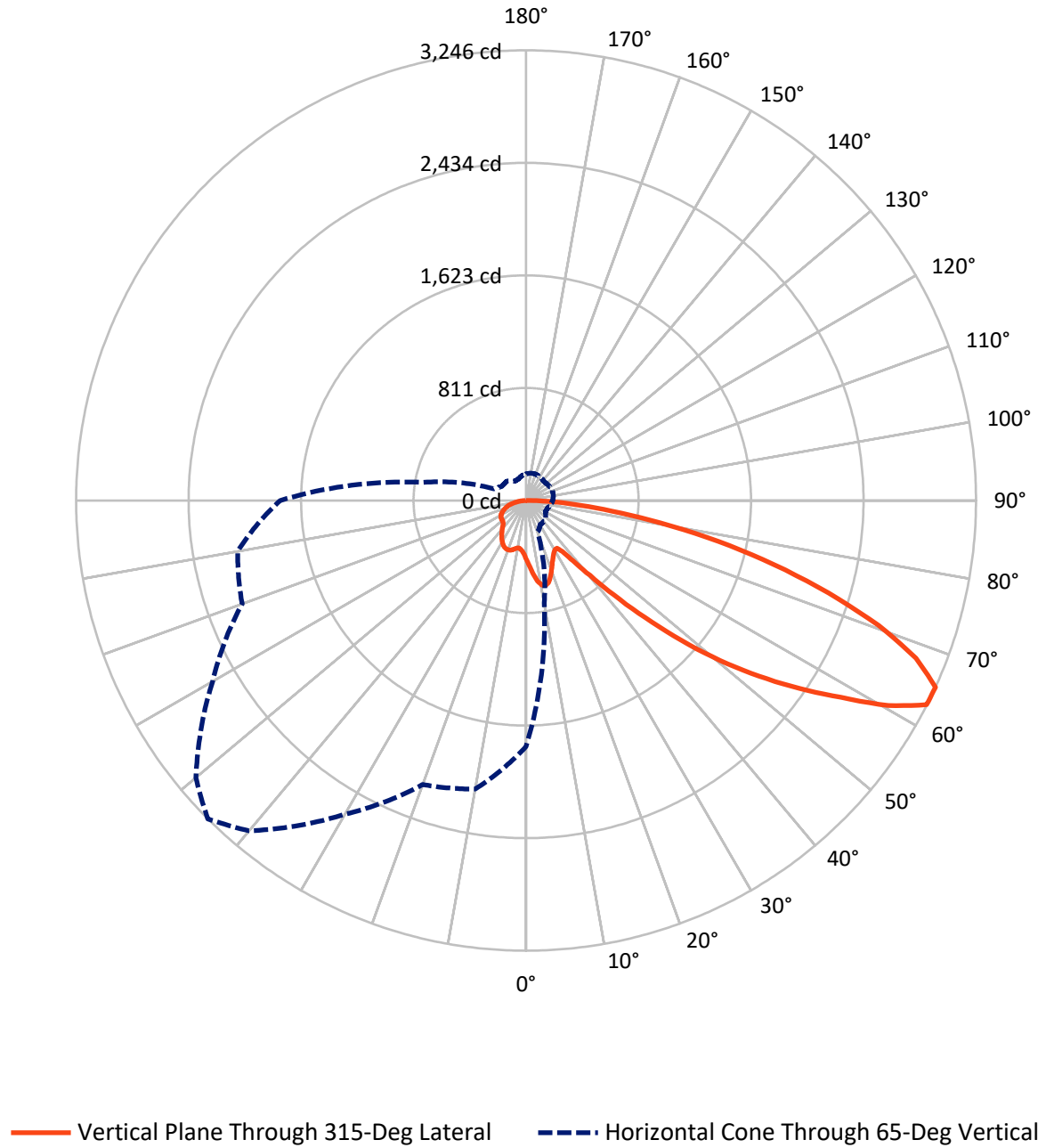
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.8 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	790.4	0.0	790.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	2319.6	0.0	2319.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	3110.0	0.0	3110.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.4	1.4
10°-20°	133.2	4.3
20°-30°	205.7	6.6
30°-40°	260.7	8.4
40°-50°	393.2	12.6
50°-60°	635.2	20.4
60°-70°	791.9	25.5
70°-80°	519.3	16.7
80°-90°	128.4	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°	3110.0	100.0
0°-180°	3110.0	100.0



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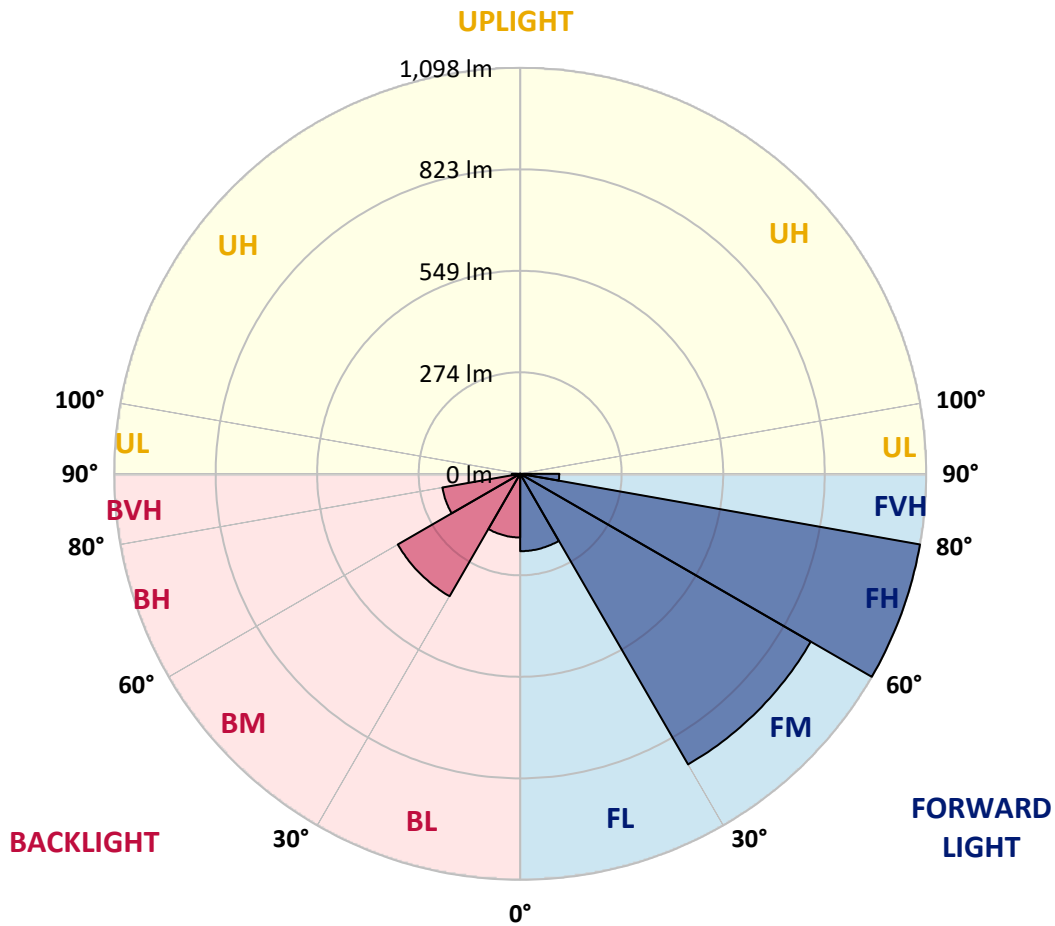
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	209.2	6.7			
FM (30°-60°)	907.1	29.2			
FH (60°-80°)	1097.5	35.3			G1/1800
FVH (80°-90°)	105.8	3.4			G2/225
BL (0°-30°)	172.1	5.5	B1/500		
BM (30°-60°)	382.0	12.3	B1/1000		
BH (60°-80°)	213.7	6.9	B1/500		G1/500
BVH (80°-90°)	22.6	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°	427.7	427.7	427.7	427.7	427.7	427.7	427.7	427.7	427.7	427.7
2.5°	459.9	456.4	452.8	449.1	445.3	441.6	437.8	434.2	430.6	427.1
5°	494.5	486.7	478.9	471.2	463.4	455.6	447.8	440.5	433.1	426.3
7.5°	529.3	516.4	503.6	491.7	479.8	468.3	456.7	446.5	436.3	426.9
10°	556.0	539.7	523.5	507.8	492.1	478.0	464.0	451.9	439.8	428.2
12.5°	572.3	554.4	536.6	518.8	501.0	484.4	467.9	454.2	440.6	428.4
15°	582.2	563.6	545.0	525.7	506.4	487.3	468.2	452.4	436.6	423.1
17.5°	587.8	568.9	550.0	529.0	507.9	485.8	463.6	444.6	425.6	409.8
20°	594.0	574.3	554.7	531.6	508.4	481.6	454.7	431.2	407.7	389.2
22.5°	601.1	581.1	561.0	535.0	509.1	476.4	443.8	415.4	387.1	366.0
25°	610.3	590.6	571.0	541.3	511.7	471.3	431.0	397.8	364.6	343.1
27.5°	622.8	604.0	585.3	551.2	517.1	467.9	418.8	381.7	344.6	325.0
30°	639.6	621.5	603.4	563.9	524.5	466.3	408.2	368.3	328.4	311.9
32.5°	659.4	641.5	623.6	577.2	530.9	464.4	397.8	356.7	315.5	302.2
35°	683.6	666.4	649.2	592.4	535.6	460.7	385.8	345.3	304.7	293.7
37.5°	724.2	702.3	680.4	609.4	538.4	454.3	370.2	331.8	293.4	283.7
40°	785.6	753.7	721.8	631.0	540.1	445.6	351.0	315.8	280.6	271.8
42.5°	867.0	820.9	774.9	659.2	543.5	436.5	329.6	298.1	266.6	258.5
45°	967.5	905.4	843.2	696.3	549.3	428.2	307.0	279.4	251.7	243.5
47.5°	1093.2	1005.8	918.3	735.8	553.4	421.2	289.1	264.5	239.9	229.3
50°	1257.9	1126.1	994.3	772.5	550.7	413.7	276.6	254.7	232.7	218.7
52.5°	1447.1	1252.6	1058.1	796.4	534.6	400.9	267.3	248.2	229.0	213.0
55°	1648.4	1364.7	1081.0	791.1	501.2	379.8	258.4	243.4	228.5	213.6
57.5°	1831.6	1444.2	1056.8	754.2	451.5	350.0	248.5	237.9	227.3	214.2
60°	1942.2	1464.0	985.8	685.4	385.0	311.3	237.7	229.3	221.0	212.3
62.5°	1886.0	1380.4	874.8	592.4	310.0	265.0	220.0	214.5	209.0	207.9
65°	1773.5	1262.1	750.7	497.5	244.3	223.3	202.3	199.7	197.1	197.3
67.5°	1622.8	1121.3	619.8	404.5	189.2	183.3	177.3	178.8	180.2	179.9
70°	1441.7	967.7	493.7	318.5	143.3	145.1	146.7	153.5	160.2	160.2
72.5°	1225.9	801.2	376.5	243.5	110.6	115.7	120.9	130.4	140.0	141.6
75°	952.9	610.3	267.6	176.7	85.9	90.5	95.2	105.9	116.6	124.1
77.5°	680.9	427.1	173.4	119.8	66.1	69.3	72.5	82.9	93.3	105.5
80°	445.6	275.2	104.8	77.2	49.6	50.9	52.2	61.0	69.8	84.4
82.5°	259.0	159.3	59.5	47.5	35.4	35.6	35.9	42.4	48.9	61.4
85°	114.0	71.6	29.3	25.4	21.4	21.3	21.2	25.9	30.7	40.0
87.5°	35.3	23.5	11.7	10.5	9.4	9.3	9.2	11.1	13.0	16.9
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°
427.7	0°	427.7	427.7	427.7	427.7	427.7	427.7	427.7	427.7	427.7	427.7
423.2	2.5°	420.0	416.9	414.1	411.2	408.8	406.3	403.8	401.3	399.4	397.5
419.4	5°	413.5	407.5	402.6	397.6	393.2	388.8	384.8	380.8	377.7	374.6
418.1	7.5°	410.2	402.3	395.7	389.2	383.6	378.1	373.2	368.3	364.7	361.0
418.8	10°	410.4	402.1	395.5	389.0	383.0	377.0	371.5	366.0	361.7	357.3
419.6	12.5°	412.8	406.0	401.6	397.3	392.6	387.9	382.2	376.5	371.0	365.4
416.1	15°	412.8	409.6	410.2	410.7	409.5	408.3	403.4	398.4	390.5	382.6
405.4	17.5°	406.6	407.8	415.0	422.1	425.9	429.7	425.7	421.7	411.2	400.7
388.0	20°	393.6	399.2	411.6	424.0	432.0	440.0	438.1	436.3	424.2	412.2
368.3	22.5°	376.5	384.8	399.0	413.2	423.5	433.9	435.0	436.1	424.6	413.1
349.1	25°	358.6	368.2	380.9	393.7	403.9	414.1	417.9	421.7	412.2	402.8
332.4	27.5°	341.6	350.8	361.3	371.7	379.9	388.1	392.3	396.6	389.8	383.1
317.7	30°	325.0	332.3	341.0	349.7	356.4	363.2	366.7	370.1	365.0	359.9
304.8	32.5°	309.1	313.4	320.3	327.3	333.8	340.3	344.1	348.0	343.3	338.6
292.6	35°	293.8	295.0	300.3	305.6	312.0	318.4	323.0	327.6	324.3	321.0
279.8	37.5°	278.5	277.2	281.0	284.8	291.2	297.6	303.3	309.0	307.5	305.9
265.8	40°	262.9	259.9	262.6	265.4	271.6	277.8	284.3	290.9	291.2	291.6
251.0	42.5°	247.1	243.1	245.4	247.6	253.5	259.4	266.4	273.5	275.4	277.3
236.2	45°	232.4	228.6	230.4	232.3	237.9	243.5	250.8	258.1	260.8	263.5
223.0	47.5°	219.8	216.6	218.4	220.1	225.6	231.1	238.3	245.5	248.6	251.7
211.4	50°	208.6	205.8	208.5	211.3	216.4	221.6	228.0	234.5	238.5	242.5
202.8	52.5°	200.0	197.2	201.3	205.5	210.2	214.9	220.9	227.0	231.7	236.4
198.2	55°	193.7	189.3	195.2	201.1	206.1	211.2	216.5	221.8	226.8	231.8
195.4	57.5°	188.9	182.4	188.8	195.1	201.1	207.1	212.3	217.5	222.6	227.6
192.9	60°	184.4	176.0	181.6	187.1	194.0	200.8	206.1	211.4	216.5	221.6
189.8	62.5°	179.3	168.8	172.3	175.8	183.8	191.8	197.5	203.2	207.8	212.5
183.5	65°	172.3	161.1	162.4	163.8	172.3	180.9	186.3	191.8	195.9	200.0
172.1	67.5°	162.8	153.5	153.0	152.6	160.5	168.5	173.6	178.7	182.3	185.8
157.7	70°	151.1	144.4	143.0	141.5	148.4	155.4	159.8	164.3	167.5	170.7
141.7	72.5°	137.1	132.6	130.4	128.2	133.7	139.2	143.2	147.2	150.3	153.5
123.4	75°	119.9	116.4	114.4	112.3	116.3	120.4	124.0	127.7	130.5	133.4
105.2	77.5°	102.4	99.6	97.5	95.4	98.7	102.0	105.1	108.2	111.2	114.2
84.4	80°	82.0	79.7	77.9	76.1	78.9	81.6	84.3	86.9	89.2	91.4
62.1	82.5°	60.9	59.8	58.5	57.3	57.0	56.8	55.9	55.0	59.8	64.7
40.9	85°	39.6	38.4	37.0	35.6	34.4	33.2	30.7	28.1	32.7	37.3
18.1	87.5°	17.6	17.1	16.8	16.5	16.5	16.4	14.5	12.6	14.5	16.4
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°
427.7	0°	427.7	427.7	427.7	427.7	427.7	427.7	427.7	427.7	427.7	427.7
395.9	2.5°	394.3	393.1	391.9	390.8	389.7	388.3	389.7	390.8	391.9	393.1
372.5	5°	370.3	368.8	367.3	366.1	365.0	363.8	365.0	366.1	367.3	368.8
358.5	7.5°	355.9	354.2	352.4	351.4	350.3	349.5	350.3	351.4	352.4	354.2
354.4	10°	351.5	349.9	348.2	347.3	346.5	346.1	346.5	347.3	348.2	349.9
361.7	12.5°	358.0	356.1	354.3	353.5	352.8	352.7	352.8	353.5	354.3	356.1
376.9	15°	371.3	368.8	366.2	365.2	364.2	364.1	364.2	365.2	366.2	368.8
392.4	17.5°	384.2	380.4	376.5	375.3	374.0	373.8	374.0	375.3	376.5	380.4
402.1	20°	392.0	387.1	382.2	380.6	379.1	378.6	379.1	380.6	382.2	387.1
402.7	22.5°	392.2	387.1	381.9	380.2	378.5	377.8	378.5	380.2	381.9	387.1
393.6	25°	384.3	379.8	375.4	373.8	372.2	371.2	372.2	373.8	375.4	379.8
375.9	27.5°	368.7	365.8	362.7	362.0	361.3	361.0	361.3	362.0	362.7	365.8
354.8	30°	349.6	348.0	346.5	346.5	346.5	346.7	346.5	346.5	346.5	348.0
334.5	32.5°	330.3	329.3	328.3	328.5	328.6	328.9	328.6	328.5	328.3	329.3
317.1	35°	313.4	311.8	310.3	310.0	309.7	309.5	309.7	310.0	310.3	311.8
302.4	37.5°	298.9	296.1	293.4	291.9	290.5	289.6	290.5	291.9	293.4	296.1
288.6	40°	285.7	281.6	277.6	274.9	272.2	270.6	272.2	274.9	277.6	281.6
274.7	42.5°	272.2	267.2	262.2	258.3	254.3	251.7	254.3	258.3	262.2	267.2
261.3	45°	259.0	253.3	247.6	243.0	238.3	235.3	238.3	243.0	247.6	253.3
250.2	47.5°	248.6	243.5	238.4	234.1	229.8	227.0	229.8	234.1	238.4	243.5
242.4	50°	242.3	238.3	234.2	230.2	226.3	223.5	226.3	230.2	234.2	238.3
237.3	52.5°	238.1	234.8	231.5	228.0	224.4	221.9	224.4	228.0	231.5	234.8
233.0	55°	234.2	231.3	228.4	225.3	222.2	219.9	222.2	225.3	228.4	231.3
228.8	57.5°	230.0	227.1	224.2	221.1	218.0	215.6	218.0	221.1	224.2	227.1
222.9	60°	224.2	221.4	218.6	215.4	212.2	209.7	212.2	215.4	218.6	221.4
213.7	62.5°	215.0	212.4	209.9	206.5	203.2	200.2	203.2	206.5	209.9	212.4
201.3	65°	202.5	200.1	197.6	194.3	191.1	188.6	191.1	194.3	197.6	200.1
187.1	67.5°	188.3	186.0	183.8	180.7	177.7	175.4	177.7	180.7	183.8	186.0
171.9	70°	173.1	171.2	169.4	166.5	163.6	161.0	163.6	166.5	169.4	171.2
154.9	72.5°	156.4	154.8	153.3	150.5	147.8	145.2	147.8	150.5	153.3	154.8
134.9	75°	136.4	135.6	134.9	132.6	130.3	127.8	130.3	132.6	134.9	135.6
115.6	77.5°	117.0	116.0	114.9	112.6	110.2	108.3	110.2	112.6	114.9	116.0
93.3	80°	95.2	94.7	94.3	91.1	88.0	84.3	88.0	91.1	94.3	94.7
67.9	82.5°	71.1	70.9	70.6	68.0	65.3	63.0	65.3	68.0	70.6	70.9
41.2	85°	45.1	44.8	44.5	42.4	40.3	38.2	40.3	42.4	44.5	44.8
18.0	87.5°	19.6	19.2	18.7	17.7	16.6	15.6	16.6	17.7	18.7	19.2
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°
427.7	0°	427.7	427.7	427.7	427.7	427.7	427.7	427.7	427.7	427.7	427.7
394.3	2.5°	395.9	397.5	399.4	401.3	403.8	406.3	408.8	411.2	414.1	416.9
370.3	5°	372.5	374.6	377.7	380.8	384.8	388.8	393.2	397.6	402.6	407.5
355.9	7.5°	358.5	361.0	364.7	368.3	373.2	378.1	383.6	389.2	395.7	402.3
351.5	10°	354.4	357.3	361.7	366.0	371.5	377.0	383.0	389.0	395.5	402.1
358.0	12.5°	361.7	365.4	371.0	376.5	382.2	387.9	392.6	397.3	401.6	406.0
371.3	15°	376.9	382.6	390.5	398.4	403.4	408.3	409.5	410.7	410.2	409.6
384.2	17.5°	392.4	400.7	411.2	421.7	425.7	429.7	425.9	422.1	415.0	407.8
392.0	20°	402.1	412.2	424.2	436.3	438.1	440.0	432.0	424.0	411.6	399.2
392.2	22.5°	402.7	413.1	424.6	436.1	435.0	433.9	423.5	413.2	399.0	384.8
384.3	25°	393.6	402.8	412.2	421.7	417.9	414.1	403.9	393.7	380.9	368.2
368.7	27.5°	375.9	383.1	389.8	396.6	392.3	388.1	379.9	371.7	361.3	350.8
349.6	30°	354.8	359.9	365.0	370.1	366.7	363.2	356.4	349.7	341.0	332.3
330.3	32.5°	334.5	338.6	343.3	348.0	344.1	340.3	333.8	327.3	320.3	313.4
313.4	35°	317.1	321.0	324.3	327.6	323.0	318.4	312.0	305.6	300.3	295.0
298.9	37.5°	302.4	305.9	307.5	309.0	303.3	297.6	291.2	284.8	281.0	277.2
285.7	40°	288.6	291.6	291.2	290.9	284.3	277.8	271.6	265.4	262.6	259.9
272.2	42.5°	274.7	277.3	275.4	273.5	266.4	259.4	253.5	247.6	245.4	243.1
259.0	45°	261.3	263.5	260.8	258.1	250.8	243.5	237.9	232.3	230.4	228.6
248.6	47.5°	250.2	251.7	248.6	245.5	238.3	231.1	225.6	220.1	218.4	216.6
242.3	50°	242.4	242.5	238.5	234.5	228.0	221.6	216.4	211.3	208.5	205.8
238.1	52.5°	237.3	236.4	231.7	227.0	220.9	214.9	210.2	205.5	201.3	197.2
234.2	55°	233.0	231.8	226.8	221.8	216.5	211.2	206.1	201.1	195.2	189.3
230.0	57.5°	228.8	227.6	222.6	217.5	212.3	207.1	201.1	195.1	188.8	182.4
224.2	60°	222.9	221.6	216.5	211.4	206.1	200.8	194.0	187.1	181.6	176.0
215.0	62.5°	213.7	212.5	207.8	203.2	197.5	191.8	183.8	175.8	172.3	168.8
202.5	65°	201.3	200.0	195.9	191.8	186.3	180.9	172.3	163.8	162.4	161.1
188.3	67.5°	187.1	185.8	182.3	178.7	173.6	168.5	160.5	152.6	153.0	153.5
173.1	70°	171.9	170.7	167.5	164.3	159.8	155.4	148.4	141.5	143.0	144.4
156.4	72.5°	154.9	153.5	150.3	147.2	143.2	139.2	133.7	128.2	130.4	132.6
136.4	75°	134.9	133.4	130.5	127.7	124.0	120.4	116.3	112.3	114.4	116.4
117.0	77.5°	115.6	114.2	111.2	108.2	105.1	102.0	98.7	95.4	97.5	99.6
95.2	80°	93.3	91.4	89.2	86.9	84.3	81.6	78.9	76.1	77.9	79.7
71.1	82.5°	67.9	64.7	59.8	55.0	55.9	56.8	57.0	57.3	58.5	59.8
45.1	85°	41.2	37.3	32.7	28.1	30.7	33.2	34.4	35.6	37.0	38.4
19.6	87.5°	18.0	16.4	14.5	12.6	14.5	16.4	16.5	16.5	16.8	17.1
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°
427.7	0°	427.7	427.7	427.7	427.7	427.7	427.7	427.7	427.7	427.7	427.7
420.0	2.5°	423.2	427.1	430.6	434.2	437.8	441.6	445.3	449.1	452.8	456.4
413.5	5°	419.4	426.3	433.1	440.5	447.8	455.6	463.4	471.2	478.9	486.7
410.2	7.5°	418.1	426.9	436.3	446.5	456.7	468.3	479.8	491.7	503.6	516.4
410.4	10°	418.8	428.2	439.8	451.9	464.0	478.0	492.1	507.8	523.5	539.7
412.8	12.5°	419.6	428.4	440.6	454.2	467.9	484.4	501.0	518.8	536.6	554.4
412.8	15°	416.1	423.1	436.6	452.4	468.2	487.3	506.4	525.7	545.0	563.6
406.6	17.5°	405.4	409.8	425.6	444.6	463.6	485.8	507.9	529.0	550.0	568.9
393.6	20°	388.0	389.2	407.7	431.2	454.7	481.6	508.4	531.6	554.7	574.3
376.5	22.5°	368.3	366.0	387.1	415.4	443.8	476.4	509.1	535.0	561.0	581.1
358.6	25°	349.1	343.1	364.6	397.8	431.0	471.3	511.7	541.3	571.0	590.6
341.6	27.5°	332.4	325.0	344.6	381.7	418.8	467.9	517.1	551.2	585.3	604.0
325.0	30°	317.7	311.9	328.4	368.3	408.2	466.3	524.5	563.9	603.4	621.5
309.1	32.5°	304.8	302.2	315.5	356.7	397.8	464.4	530.9	577.2	623.6	641.5
293.8	35°	292.6	293.7	304.7	345.3	385.8	460.7	535.6	592.4	649.2	666.4
278.5	37.5°	279.8	283.7	293.4	331.8	370.2	454.3	538.4	609.4	680.4	702.3
262.9	40°	265.8	271.8	280.6	315.8	351.0	445.6	540.1	631.0	721.8	753.7
247.1	42.5°	251.0	258.5	266.6	298.1	329.6	436.5	543.5	659.2	774.9	820.9
232.4	45°	236.2	243.5	251.7	279.4	307.0	428.2	549.3	696.3	843.2	905.4
219.8	47.5°	223.0	229.3	239.9	264.5	289.1	421.2	553.4	735.8	918.3	1005.8
208.6	50°	211.4	218.7	232.7	254.7	276.6	413.7	550.7	772.5	994.3	1126.1
200.0	52.5°	202.8	213.0	229.0	248.2	267.3	400.9	534.6	796.4	1058.1	1252.6
193.7	55°	198.2	213.6	228.5	243.4	258.4	379.8	501.2	791.1	1081.0	1364.7
188.9	57.5°	195.4	214.2	227.3	237.9	248.5	350.0	451.5	754.2	1056.8	1444.2
184.4	60°	192.9	212.3	221.0	229.3	237.7	311.3	385.0	685.4	985.8	1464.0
179.3	62.5°	189.8	207.9	209.0	214.5	220.0	265.0	310.0	592.4	874.8	1380.4
172.3	65°	183.5	197.3	197.1	199.7	202.3	223.3	244.3	497.5	750.7	1262.1
162.8	67.5°	172.1	179.9	180.2	178.8	177.3	183.3	189.2	404.5	619.8	1121.3
151.1	70°	157.7	160.2	160.2	153.5	146.7	145.1	143.3	318.5	493.7	967.7
137.1	72.5°	141.7	141.6	140.0	130.4	120.9	115.7	110.6	243.5	376.5	801.2
119.9	75°	123.4	124.1	116.6	105.9	95.2	90.5	85.9	176.7	267.6	610.3
102.4	77.5°	105.2	105.5	93.3	82.9	72.5	69.3	66.1	119.8	173.4	427.1
82.0	80°	84.4	84.4	69.8	61.0	52.2	50.9	49.6	77.2	104.8	275.2
60.9	82.5°	62.1	61.4	48.9	42.4	35.9	35.6	35.4	47.5	59.5	159.3
39.6	85°	40.9	40.0	30.7	25.9	21.2	21.3	21.4	25.4	29.3	71.6
17.6	87.5°	18.1	16.9	13.0	11.1	9.2	9.3	9.4	10.5	11.7	23.5
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°
427.7	0°	427.7	427.7	427.7	427.7	427.7	427.7	427.7	427.7	427.7	427.7
459.9	2.5°	461.6	463.4	465.9	468.3	469.8	471.3	472.0	472.8	472.5	472.8
494.5	5°	500.6	506.7	512.8	518.8	522.1	525.4	527.4	529.4	530.9	529.4
529.3	7.5°	539.2	549.1	558.0	566.9	572.3	577.7	580.6	583.5	584.9	583.5
556.0	10°	567.7	579.4	589.9	600.3	606.7	613.0	615.8	618.6	619.7	618.6
572.3	12.5°	585.0	597.7	607.1	616.6	621.2	625.8	627.3	628.8	629.0	628.8
582.2	15°	593.2	604.1	610.1	616.0	616.2	616.3	614.7	613.1	611.1	613.1
587.8	17.5°	595.2	602.6	602.7	602.8	596.2	589.5	583.5	577.3	573.0	577.3
594.0	20°	596.5	599.1	591.3	583.5	568.9	554.2	543.5	532.8	526.3	532.8
601.1	22.5°	597.7	594.3	578.2	562.1	540.5	518.9	505.5	492.2	484.9	492.2
610.3	25°	599.6	589.0	564.4	539.9	513.7	487.5	473.5	459.5	452.6	459.5
622.8	27.5°	603.7	584.6	552.1	519.7	490.6	461.6	447.8	434.0	427.5	434.0
639.6	30°	611.2	582.7	542.8	502.8	472.5	442.3	429.4	416.6	410.6	416.6
659.4	32.5°	620.5	581.6	536.4	491.1	462.7	434.2	424.2	414.1	409.8	414.1
683.6	35°	635.9	588.3	541.1	494.0	474.3	454.5	452.2	449.8	449.5	449.8
724.2	37.5°	668.1	612.1	569.2	526.4	525.1	523.8	534.6	545.3	550.9	545.3
785.6	40°	724.6	663.6	631.8	599.9	622.4	644.9	671.0	697.1	710.1	697.1
867.0	42.5°	806.5	746.0	727.6	709.3	758.3	807.4	854.8	902.3	930.1	902.3
967.5	45°	913.1	858.8	850.7	842.6	921.1	999.7	1077.7	1155.7	1203.0	1155.7
1093.2	47.5°	1040.3	987.4	985.8	984.2	1097.5	1210.8	1324.9	1439.1	1506.1	1439.1
1257.9	50°	1192.6	1127.4	1127.6	1127.9	1274.0	1420.0	1570.7	1721.4	1812.5	1721.4
1447.1	52.5°	1368.0	1288.9	1281.0	1272.9	1447.4	1621.9	1808.3	1994.8	2104.0	1994.8
1648.4	55°	1570.3	1492.2	1461.0	1429.9	1624.0	1818.2	2040.5	2262.7	2392.6	2262.7
1831.6	57.5°	1789.0	1746.5	1684.0	1621.5	1817.5	2013.6	2265.3	2517.1	2678.2	2517.1
1942.2	60°	2008.3	2074.4	1996.8	1919.1	2104.7	2290.2	2559.8	2829.3	3003.4	2829.3
1886.0	62.5°	2066.6	2247.1	2238.3	2229.6	2399.5	2569.5	2826.0	3082.4	3243.3	3082.4
1773.5	65°	1943.0	2112.4	2145.9	2179.4	2395.4	2611.4	2860.1	3108.8	3245.8	3108.8
1622.8	67.5°	1784.0	1945.1	1960.8	1976.5	2201.6	2426.6	2676.4	2926.1	3033.4	2926.1
1441.7	70°	1617.0	1792.3	1799.3	1806.4	2007.6	2208.9	2423.8	2638.7	2698.3	2638.7
1225.9	72.5°	1427.1	1628.2	1633.3	1638.3	1795.8	1953.2	2114.2	2275.2	2281.2	2275.2
952.9	75°	1161.1	1369.3	1388.0	1406.7	1529.2	1651.7	1765.0	1878.3	1848.0	1878.3
680.9	77.5°	875.2	1069.5	1096.3	1123.0	1216.2	1309.3	1389.7	1470.0	1417.8	1470.0
445.6	80°	609.1	772.6	805.8	839.1	909.4	979.7	1021.9	1064.1	980.2	1064.1
259.0	82.5°	370.8	482.6	519.7	556.9	605.3	653.7	671.3	688.9	622.9	688.9
114.0	85°	173.3	232.6	264.2	295.8	335.6	375.3	385.3	395.3	342.5	395.3
35.3	87.5°	55.2	75.2	92.8	110.4	130.3	150.2	151.0	151.9	127.5	151.9
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°
427.7	0°	427.7	427.7	427.7	427.7	427.7	427.7	427.7
472.0	2.5°	471.3	469.8	468.3	465.9	463.4	461.6	459.9
527.4	5°	525.4	522.1	518.8	512.8	506.7	500.6	494.5
580.6	7.5°	577.7	572.3	566.9	558.0	549.1	539.2	529.3
615.8	10°	613.0	606.7	600.3	589.9	579.4	567.7	556.0
627.3	12.5°	625.8	621.2	616.6	607.1	597.7	585.0	572.3
614.7	15°	616.3	616.2	616.0	610.1	604.1	593.2	582.2
583.5	17.5°	589.5	596.2	602.8	602.7	602.6	595.2	587.8
543.5	20°	554.2	568.9	583.5	591.3	599.1	596.5	594.0
505.5	22.5°	518.9	540.5	562.1	578.2	594.3	597.7	601.1
473.5	25°	487.5	513.7	539.9	564.4	589.0	599.6	610.3
447.8	27.5°	461.6	490.6	519.7	552.1	584.6	603.7	622.8
429.4	30°	442.3	472.5	502.8	542.8	582.7	611.2	639.6
424.2	32.5°	434.2	462.7	491.1	536.4	581.6	620.5	659.4
452.2	35°	454.5	474.3	494.0	541.1	588.3	635.9	683.6
534.6	37.5°	523.8	525.1	526.4	569.2	612.1	668.1	724.2
671.0	40°	644.9	622.4	599.9	631.8	663.6	724.6	785.6
854.8	42.5°	807.4	758.3	709.3	727.6	746.0	806.5	867.0
1077.7	45°	999.7	921.1	842.6	850.7	858.8	913.1	967.5
1324.9	47.5°	1210.8	1097.5	984.2	985.8	987.4	1040.3	1093.2
1570.7	50°	1420.0	1274.0	1127.9	1127.6	1127.4	1192.6	1257.9
1808.3	52.5°	1621.9	1447.4	1272.9	1281.0	1288.9	1368.0	1447.1
2040.5	55°	1818.2	1624.0	1429.9	1461.0	1492.2	1570.3	1648.4
2265.3	57.5°	2013.6	1817.5	1621.5	1684.0	1746.5	1789.0	1831.6
2559.8	60°	2290.2	2104.7	1919.1	1996.8	2074.4	2008.3	1942.2
2826.0	62.5°	2569.5	2399.5	2229.6	2238.3	2247.1	2066.6	1886.0
2860.1	65°	2611.4	2395.4	2179.4	2145.9	2112.4	1943.0	1773.5
2676.4	67.5°	2426.6	2201.6	1976.5	1960.8	1945.1	1784.0	1622.8
2423.8	70°	2208.9	2007.6	1806.4	1799.3	1792.3	1617.0	1441.7
2114.2	72.5°	1953.2	1795.8	1638.3	1633.3	1628.2	1427.1	1225.9
1765.0	75°	1651.7	1529.2	1406.7	1388.0	1369.3	1161.1	952.9
1389.7	77.5°	1309.3	1216.2	1123.0	1096.3	1069.5	875.2	680.9
1021.9	80°	979.7	909.4	839.1	805.8	772.6	609.1	445.6
671.3	82.5°	653.7	605.3	556.9	519.7	482.6	370.8	259.0
385.3	85°	375.3	335.6	295.8	264.2	232.6	173.3	114.0
151.0	87.5°	150.2	130.3	110.4	92.8	75.2	55.2	35.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)