

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: P945176

Luminaire Tested: **GALN-SB1A-950-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945176
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-950-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 90 CRI, 5000K, 350mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT 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

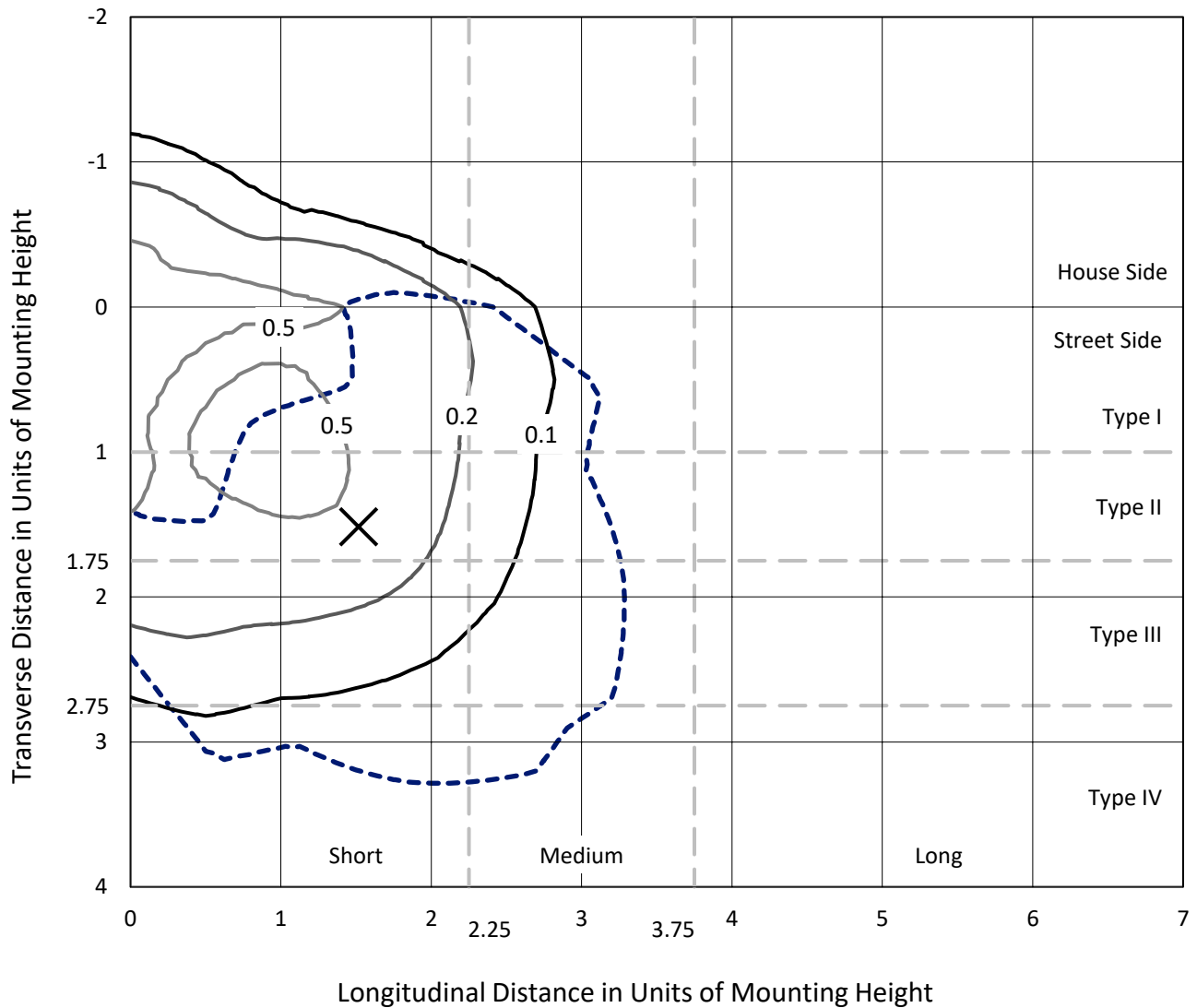
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

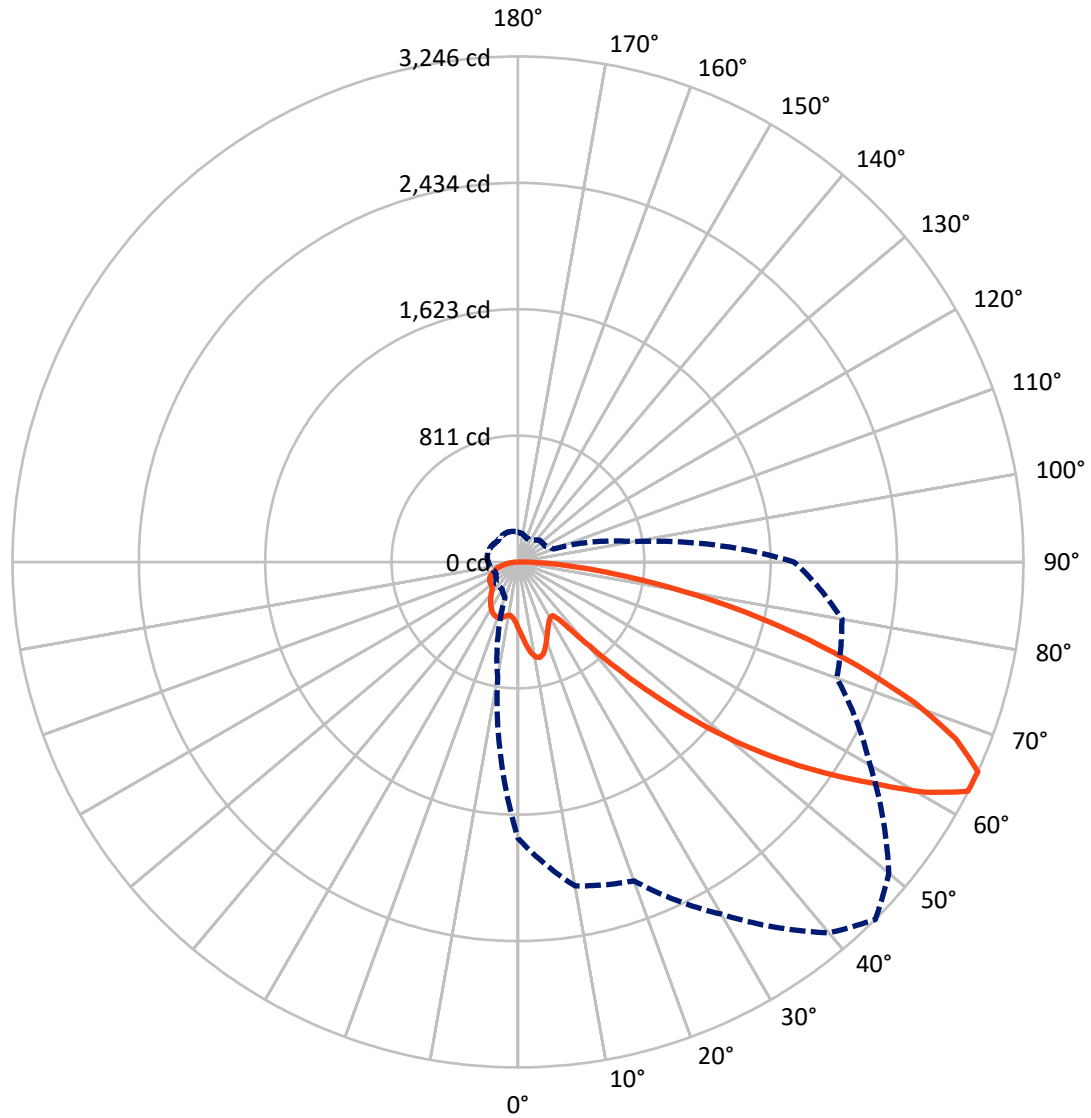
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.9 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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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

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

Coefficient of Utilization



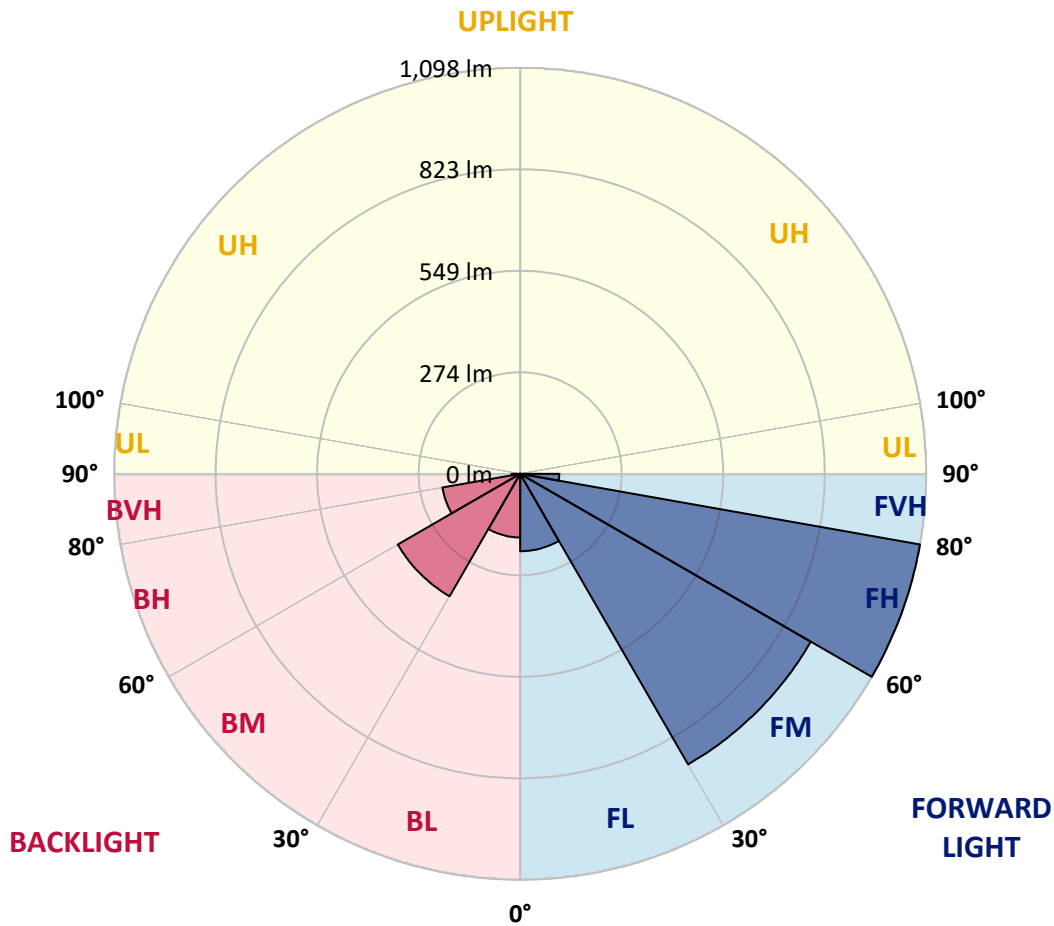
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

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

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
434.2	2.5°	437.8	441.6	445.3	449.1	452.8	456.4	459.9
440.5	5°	447.8	455.6	463.4	471.2	478.9	486.7	494.5
446.5	7.5°	456.7	468.3	479.8	491.7	503.6	516.4	529.3
451.9	10°	464.0	478.0	492.1	507.8	523.5	539.7	556.0
454.2	12.5°	467.9	484.4	501.0	518.8	536.6	554.4	572.3
452.4	15°	468.2	487.3	506.4	525.7	545.0	563.6	582.2
444.6	17.5°	463.6	485.8	507.9	529.0	550.0	568.9	587.8
431.2	20°	454.7	481.6	508.4	531.6	554.7	574.3	594.0
415.4	22.5°	443.8	476.4	509.1	535.0	561.0	581.1	601.1
397.8	25°	431.0	471.3	511.7	541.3	571.0	590.6	610.3
381.7	27.5°	418.8	467.9	517.1	551.2	585.3	604.0	622.8
368.3	30°	408.2	466.3	524.5	563.9	603.4	621.5	639.6
356.7	32.5°	397.8	464.4	530.9	577.2	623.6	641.5	659.4
345.3	35°	385.8	460.7	535.6	592.4	649.2	666.4	683.6
331.8	37.5°	370.2	454.3	538.4	609.4	680.4	702.3	724.2
315.8	40°	351.0	445.6	540.1	631.0	721.8	753.7	785.6
298.1	42.5°	329.6	436.5	543.5	659.2	774.9	820.9	867.0
279.4	45°	307.0	428.2	549.3	696.3	843.2	905.4	967.5
264.5	47.5°	289.1	421.2	553.4	735.8	918.3	1005.8	1093.2
254.7	50°	276.6	413.7	550.7	772.5	994.3	1126.1	1257.9
248.2	52.5°	267.3	400.9	534.6	796.4	1058.1	1252.6	1447.1
243.4	55°	258.4	379.8	501.2	791.1	1081.0	1364.7	1648.4
237.9	57.5°	248.5	350.0	451.5	754.2	1056.8	1444.2	1831.6
229.3	60°	237.7	311.3	385.0	685.4	985.8	1464.0	1942.2
214.5	62.5°	220.0	265.0	310.0	592.4	874.8	1380.4	1886.0
199.7	65°	202.3	223.3	244.3	497.5	750.7	1262.1	1773.5
178.8	67.5°	177.3	183.3	189.2	404.5	619.8	1121.3	1622.8
153.5	70°	146.7	145.1	143.3	318.5	493.7	967.7	1441.7
130.4	72.5°	120.9	115.7	110.6	243.5	376.5	801.2	1225.9
105.9	75°	95.2	90.5	85.9	176.7	267.6	610.3	952.9
82.9	77.5°	72.5	69.3	66.1	119.8	173.4	427.1	680.9
61.0	80°	52.2	50.9	49.6	77.2	104.8	275.2	445.6
42.4	82.5°	35.9	35.6	35.4	47.5	59.5	159.3	259.0
25.9	85°	21.2	21.3	21.4	25.4	29.3	71.6	114.0
11.1	87.5°	9.2	9.3	9.4	10.5	11.7	23.5	35.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)