

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: P945092

Luminaire Tested: **GALN-SB1A-927-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945092
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-927-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 90 CRI, 2700K, 350mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2722 lumens
Efficiency: N/A
Efficacy: 88.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

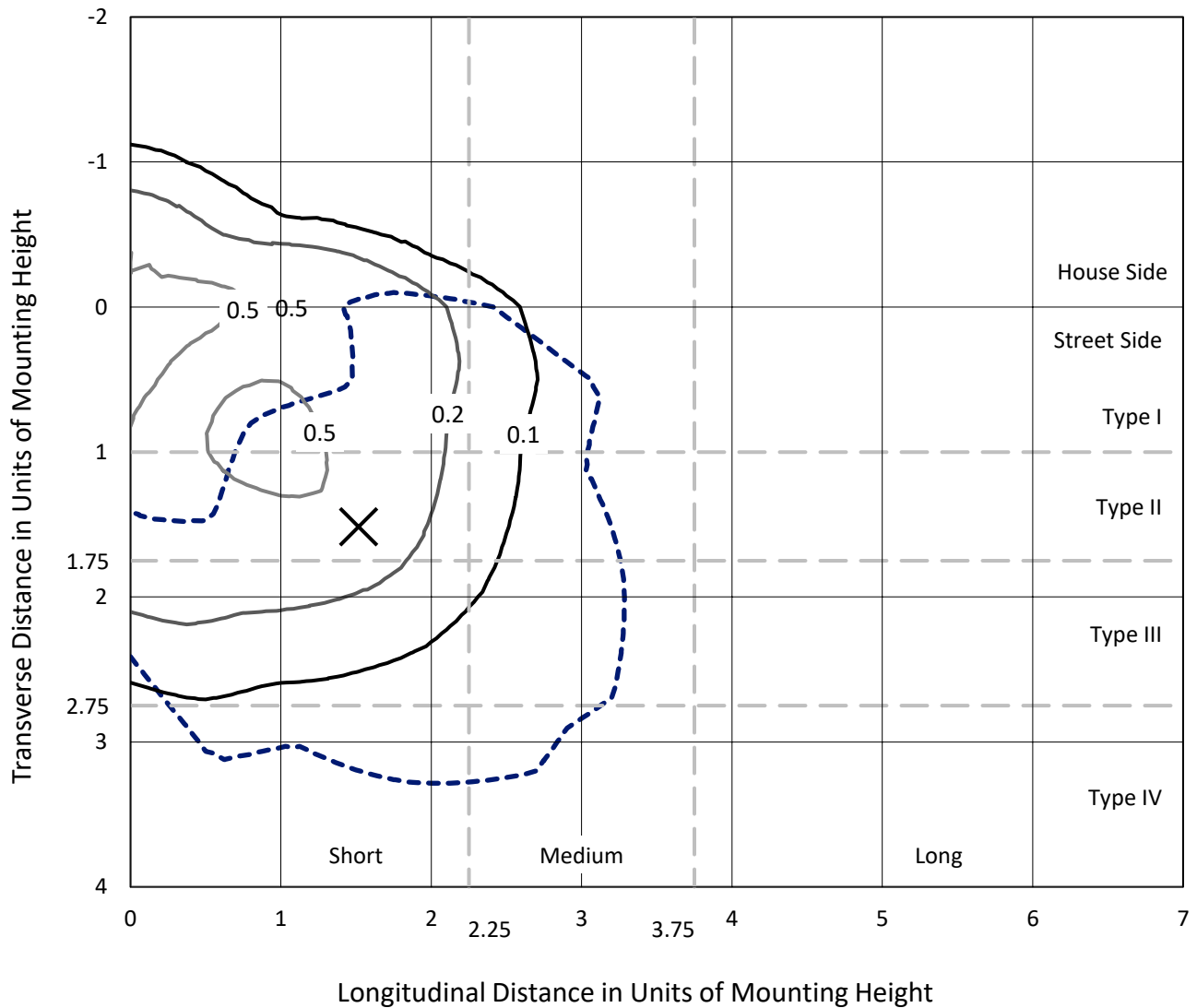
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

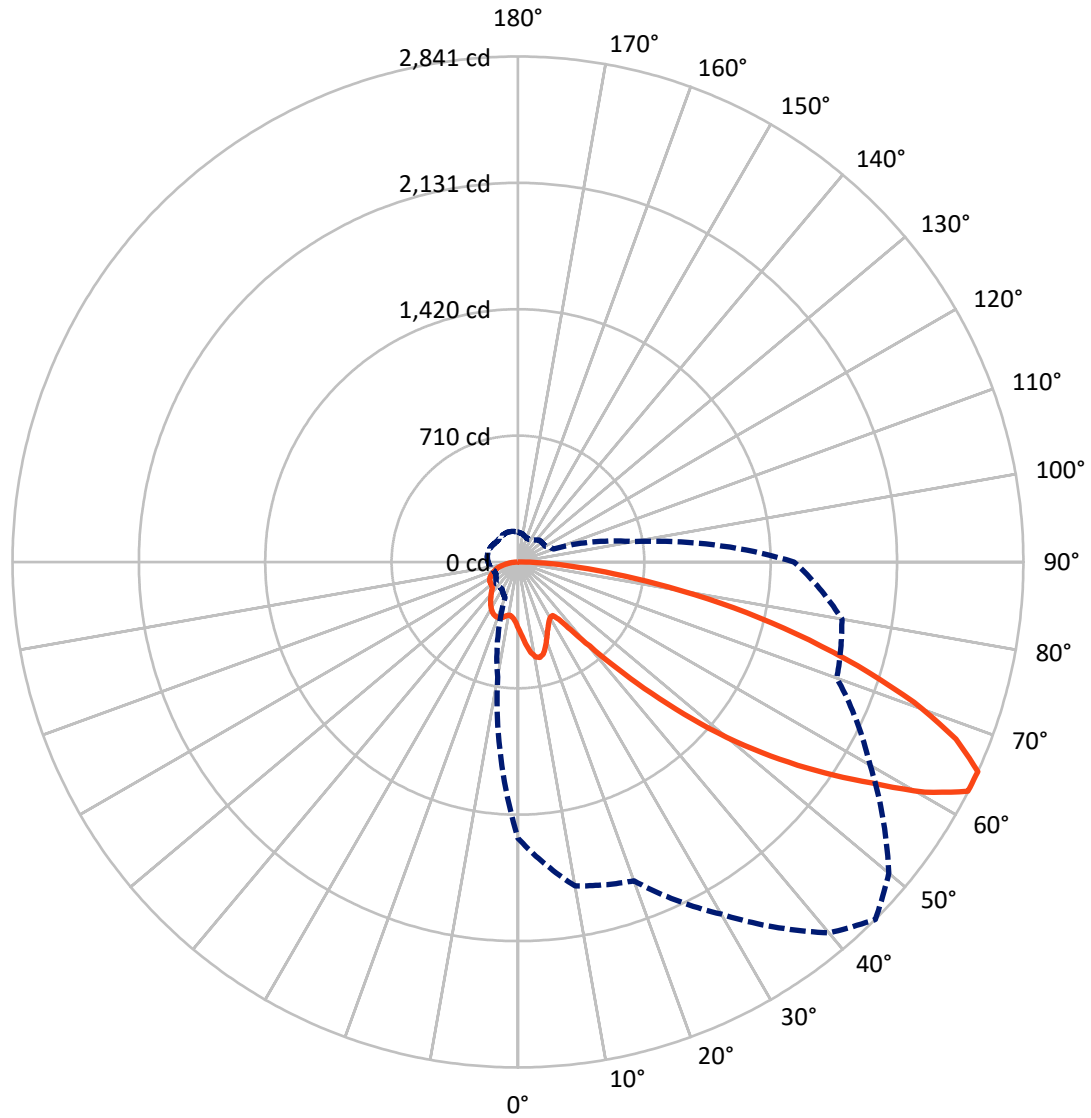
✕ Max cd
 - - - 1/2 Max cd



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



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

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	691.8	0.0	691.8
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	2030.2	0.0	2030.2
	% Fixture	74.6	0.0	74.6
Total	Lumens	2722.0	0.0	2722.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.1	1.4
10°-20°	116.6	4.3
20°-30°	180.0	6.6
30°-40°	228.2	8.4
40°-50°	344.1	12.6
50°-60°	556.0	20.4
60°-70°	693.1	25.5
70°-80°	454.5	16.7
80°-90°	112.4	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°	2722.0	100.0
0°-180°	2722.0	100.0



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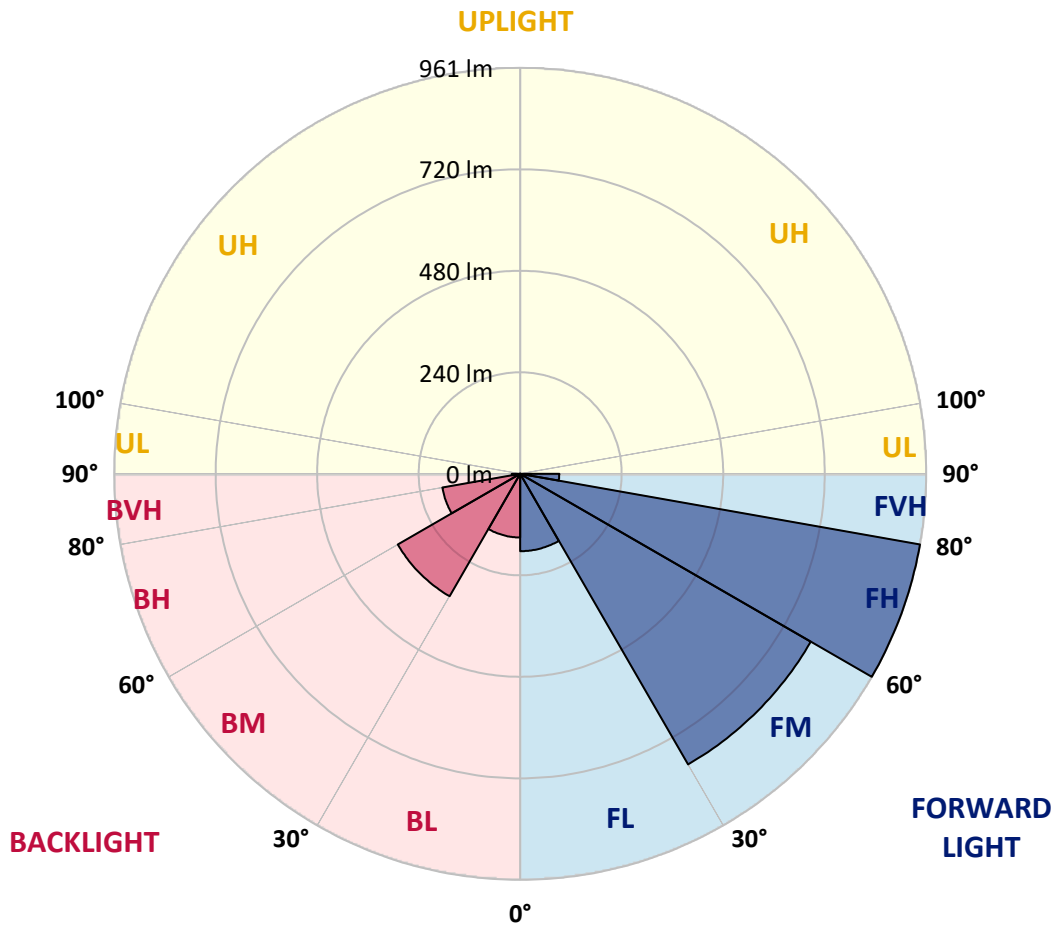
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	183.1	6.7			
FM	(30°-60°)	793.9	29.2			
FH	(60°-80°)	960.6	35.3			G1/1800
FVH	(80°-90°)	92.6	3.4			G1/100
BL	(0°-30°)	150.6	5.5	B1/500		
BM	(30°-60°)	334.3	12.3	B1/1000		
BH	(60°-80°)	187.0	6.9	B1/500		G1/500
BVH	(80°-90°)	19.8	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-G1

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3
2.5°	402.5	404.0	405.6	407.7	409.9	411.2	412.5	413.2	413.8	413.5
5°	432.8	438.2	443.5	448.8	454.1	457.0	459.8	461.6	463.3	464.6
7.5°	463.3	472.0	480.6	488.4	496.2	500.9	505.6	508.1	510.7	511.9
10°	486.6	496.9	507.1	516.3	525.4	531.0	536.5	539.0	541.4	542.3
12.5°	500.9	512.0	523.1	531.4	539.6	543.7	547.7	549.0	550.4	550.5
15°	509.6	519.2	528.8	534.0	539.2	539.3	539.4	538.0	536.6	534.9
17.5°	514.5	521.0	527.4	527.5	527.6	521.8	516.0	510.7	505.3	501.6
20°	519.9	522.1	524.4	517.6	510.7	497.9	485.1	475.7	466.4	460.6
22.5°	526.1	523.2	520.2	506.1	491.9	473.0	454.2	442.5	430.8	424.4
25°	534.2	524.8	515.5	494.0	472.6	449.6	426.7	414.4	402.1	396.1
27.5°	545.1	528.4	511.7	483.3	454.8	429.4	404.0	391.9	379.8	374.2
30°	559.8	534.9	510.0	475.0	440.1	413.6	387.1	375.9	364.6	359.4
32.5°	577.2	543.1	509.0	469.4	429.9	405.0	380.1	371.3	362.4	358.6
35°	598.3	556.6	514.9	473.6	432.4	415.1	397.8	395.8	393.7	393.4
37.5°	633.8	584.8	535.7	498.2	460.7	459.6	458.5	467.9	477.3	482.2
40°	687.6	634.2	580.8	553.0	525.1	544.8	564.4	587.3	610.1	621.5
42.5°	758.8	705.9	652.9	636.9	620.8	663.7	706.6	748.2	789.7	814.1
45°	846.8	799.2	751.6	744.6	737.5	806.2	875.0	943.2	1011.5	1052.9
47.5°	956.8	910.5	864.2	862.8	861.4	960.6	1059.7	1159.7	1259.6	1318.2
50°	1101.0	1043.8	986.7	987.0	987.2	1115.0	1242.9	1374.7	1506.6	1586.4
52.5°	1266.5	1197.3	1128.1	1121.1	1114.1	1266.8	1419.5	1582.7	1745.9	1841.5
55°	1442.8	1374.4	1306.0	1278.7	1251.5	1421.4	1591.3	1785.9	1980.4	2094.1
57.5°	1603.0	1565.8	1528.6	1473.9	1419.2	1590.8	1762.4	1982.7	2203.1	2344.0
60°	1699.9	1757.8	1815.6	1747.7	1679.7	1842.1	2004.5	2240.4	2476.3	2628.7
62.5°	1650.7	1808.7	1966.7	1959.1	1951.4	2100.2	2249.0	2473.4	2697.9	2838.7
65°	1552.3	1700.6	1848.9	1878.2	1907.5	2096.6	2285.6	2503.3	2720.9	2840.8
67.5°	1420.4	1561.4	1702.4	1716.2	1729.9	1926.9	2123.9	2342.5	2561.1	2655.0
70°	1261.9	1415.3	1568.7	1574.8	1581.0	1757.1	1933.3	2121.4	2309.5	2361.7
72.5°	1073.0	1249.0	1425.1	1429.5	1433.9	1571.7	1709.5	1850.4	1991.3	1996.6
75°	834.1	1016.3	1198.5	1214.8	1231.2	1338.4	1445.6	1544.8	1644.0	1617.4
77.5°	595.9	766.0	936.1	959.5	982.9	1064.4	1145.9	1216.3	1286.6	1241.0
80°	390.0	533.1	676.2	705.3	734.4	796.0	857.5	894.4	931.4	857.9
82.5°	226.7	324.5	422.4	454.9	487.4	529.8	572.1	587.6	603.0	545.2
85°	99.8	151.7	203.6	231.2	258.9	293.7	328.5	337.3	346.0	299.8
87.5°	30.9	48.3	65.8	81.2	96.6	114.0	131.4	132.2	132.9	111.6
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°
374.3	0°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3
413.8	2.5°	413.2	412.5	411.2	409.9	407.7	405.6	404.0	402.5	399.4	396.3
463.3	5°	461.6	459.8	457.0	454.1	448.8	443.5	438.2	432.8	426.0	419.2
510.7	7.5°	508.1	505.6	500.9	496.2	488.4	480.6	472.0	463.3	452.0	440.8
541.4	10°	539.0	536.5	531.0	525.4	516.3	507.1	496.9	486.6	472.4	458.1
550.4	12.5°	549.0	547.7	543.7	539.6	531.4	523.1	512.0	500.9	485.3	469.6
536.6	15°	538.0	539.4	539.3	539.2	534.0	528.8	519.2	509.6	493.3	477.0
505.3	17.5°	510.7	516.0	521.8	527.6	527.5	527.4	521.0	514.5	497.9	481.4
466.4	20°	475.7	485.1	497.9	510.7	517.6	524.4	522.1	519.9	502.7	485.5
430.8	22.5°	442.5	454.2	473.0	491.9	506.1	520.2	523.2	526.1	508.6	491.0
402.1	25°	414.4	426.7	449.6	472.6	494.0	515.5	524.8	534.2	517.0	499.8
379.8	27.5°	391.9	404.0	429.4	454.8	483.3	511.7	528.4	545.1	528.7	512.3
364.6	30°	375.9	387.1	413.6	440.1	475.0	510.0	534.9	559.8	543.9	528.1
362.4	32.5°	371.3	380.1	405.0	429.9	469.4	509.0	543.1	577.2	561.5	545.8
393.7	35°	395.8	397.8	415.1	432.4	473.6	514.9	556.6	598.3	583.3	568.2
477.3	37.5°	467.9	458.5	459.6	460.7	498.2	535.7	584.8	633.8	614.7	595.5
610.1	40°	587.3	564.4	544.8	525.1	553.0	580.8	634.2	687.6	659.6	631.7
789.7	42.5°	748.2	706.6	663.7	620.8	636.9	652.9	705.9	758.8	718.5	678.2
1011.5	45°	943.2	875.0	806.2	737.5	744.6	751.6	799.2	846.8	792.4	738.0
1259.6	47.5°	1159.7	1059.7	960.6	861.4	862.8	864.2	910.5	956.8	880.3	803.8
1506.6	50°	1374.7	1242.9	1115.0	987.2	987.0	986.7	1043.8	1101.0	985.6	870.3
1745.9	52.5°	1582.7	1419.5	1266.8	1114.1	1121.1	1128.1	1197.3	1266.5	1096.3	926.1
1980.4	55°	1785.9	1591.3	1421.4	1251.5	1278.7	1306.0	1374.4	1442.8	1194.5	946.2
2203.1	57.5°	1982.7	1762.4	1590.8	1419.2	1473.9	1528.6	1565.8	1603.0	1264.0	924.9
2476.3	60°	2240.4	2004.5	1842.1	1679.7	1747.7	1815.6	1757.8	1699.9	1281.4	862.8
2697.9	62.5°	2473.4	2249.0	2100.2	1951.4	1959.1	1966.7	1808.7	1650.7	1208.2	765.7
2720.9	65°	2503.3	2285.6	2096.6	1907.5	1878.2	1848.9	1700.6	1552.3	1104.7	657.0
2561.1	67.5°	2342.5	2123.9	1926.9	1729.9	1716.2	1702.4	1561.4	1420.4	981.4	542.5
2309.5	70°	2121.4	1933.3	1757.1	1581.0	1574.8	1568.7	1415.3	1261.9	847.0	432.1
1991.3	72.5°	1850.4	1709.5	1571.7	1433.9	1429.5	1425.1	1249.0	1073.0	701.2	329.5
1644.0	75°	1544.8	1445.6	1338.4	1231.2	1214.8	1198.5	1016.3	834.1	534.1	234.2
1286.6	77.5°	1216.3	1145.9	1064.4	982.9	959.5	936.1	766.0	595.9	373.9	151.8
931.4	80°	894.4	857.5	796.0	734.4	705.3	676.2	533.1	390.0	240.9	91.7
603.0	82.5°	587.6	572.1	529.8	487.4	454.9	422.4	324.5	226.7	139.4	52.1
346.0	85°	337.3	328.5	293.7	258.9	231.2	203.6	151.7	99.8	62.7	25.7
132.9	87.5°	132.2	131.4	114.0	96.6	81.2	65.8	48.3	30.9	20.5	10.2
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
374.3	0°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3
393.1	2.5°	389.8	386.5	383.2	380.0	376.9	373.8	370.4	367.6	364.9	362.4
412.4	5°	405.6	398.7	391.9	385.5	379.1	373.1	367.1	361.9	356.7	352.3
430.4	7.5°	420.0	409.8	399.7	390.8	381.9	373.7	365.9	359.0	352.1	346.4
444.4	10°	430.7	418.4	406.1	395.5	385.0	374.8	366.5	359.2	351.9	346.2
454.1	12.5°	438.5	424.0	409.5	397.6	385.6	374.9	367.2	361.3	355.3	351.5
460.1	15°	443.2	426.5	409.8	396.0	382.2	370.3	364.2	361.3	358.5	359.0
463.0	17.5°	444.6	425.2	405.8	389.2	372.5	358.6	354.8	355.9	356.9	363.2
465.2	20°	445.0	421.5	398.0	377.4	356.8	340.6	339.6	344.5	349.4	360.3
468.3	22.5°	445.6	417.0	388.4	363.6	338.8	320.4	322.3	329.6	336.8	349.2
473.8	25°	447.8	412.5	377.2	348.2	319.1	300.3	305.6	313.9	322.2	333.4
482.4	27.5°	452.6	409.6	366.5	334.1	301.7	284.5	290.9	299.0	307.0	316.2
493.6	30°	459.1	408.2	357.2	322.3	287.4	273.0	278.0	284.4	290.8	298.4
505.2	32.5°	464.7	406.4	348.2	312.2	276.1	264.5	266.7	270.5	274.3	280.4
518.5	35°	468.8	403.2	337.6	302.2	266.7	257.0	256.1	257.1	258.2	262.8
533.4	37.5°	471.2	397.6	324.1	290.4	256.8	248.3	244.9	243.8	242.6	246.0
552.2	40°	472.8	390.0	307.2	276.4	245.6	237.9	232.7	230.1	227.5	229.9
576.9	42.5°	475.7	382.1	288.5	260.9	233.4	226.3	219.7	216.2	212.8	214.7
609.4	45°	480.8	374.7	268.7	244.5	220.3	213.1	206.8	203.4	200.0	201.7
644.0	47.5°	484.3	368.7	253.0	231.5	210.0	200.7	195.2	192.4	189.6	191.1
676.2	50°	482.0	362.1	242.1	222.9	203.6	191.5	185.1	182.6	180.1	182.5
697.0	52.5°	467.9	350.9	234.0	217.2	200.4	186.4	177.5	175.0	172.6	176.2
692.4	55°	438.6	332.4	226.2	213.1	200.0	186.9	173.5	169.6	165.7	170.8
660.1	57.5°	395.2	306.3	217.5	208.2	198.9	187.4	171.1	165.4	159.7	165.2
599.9	60°	336.9	272.5	208.0	200.7	193.4	185.9	168.8	161.4	154.0	158.9
518.5	62.5°	271.3	231.9	192.6	187.7	182.9	182.0	166.2	156.9	147.7	150.8
435.4	65°	213.8	195.5	177.1	174.8	172.5	172.6	160.6	150.8	141.0	142.2
354.1	67.5°	165.6	160.4	155.2	156.5	157.7	157.4	150.6	142.5	134.3	133.9
278.8	70°	125.5	127.0	128.4	134.4	140.3	140.3	138.0	132.2	126.4	125.1
213.1	72.5°	96.8	101.3	105.8	114.2	122.5	124.0	124.0	120.0	116.0	114.1
154.7	75°	75.1	79.2	83.3	92.7	102.1	108.6	108.0	105.0	101.9	100.1
104.8	77.5°	57.9	60.6	63.4	72.5	81.7	92.4	92.1	89.6	87.2	85.3
67.5	80°	43.4	44.5	45.7	53.4	61.1	73.9	73.9	71.8	69.7	68.2
41.5	82.5°	31.0	31.2	31.4	37.1	42.8	53.7	54.3	53.3	52.3	51.2
22.2	85°	18.7	18.6	18.5	22.7	26.9	35.0	35.8	34.7	33.6	32.4
9.2	87.5°	8.2	8.1	8.0	9.7	11.4	14.8	15.8	15.4	14.9	14.7
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
374.3	0°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3
359.9	2.5°	357.8	355.6	353.4	351.2	349.6	347.9	346.5	345.1	344.1	343.0
348.0	5°	344.1	340.3	336.8	333.3	330.6	327.9	326.0	324.1	322.8	321.5
340.6	7.5°	335.8	330.9	326.6	322.4	319.2	316.0	313.7	311.5	310.0	308.4
340.4	10°	335.2	330.0	325.2	320.4	316.5	312.7	310.2	307.7	306.2	304.8
347.7	12.5°	343.6	339.5	334.5	329.6	324.7	319.8	316.6	313.3	311.7	310.1
359.5	15°	358.4	357.4	353.1	348.7	341.8	334.8	329.9	325.0	322.7	320.5
369.4	17.5°	372.8	376.1	372.6	369.1	359.9	350.7	343.5	336.2	332.9	329.6
371.1	20°	378.1	385.1	383.5	381.8	371.3	360.8	351.9	343.1	338.8	334.5
361.6	22.5°	370.7	379.8	380.7	381.7	371.6	361.6	352.5	343.3	338.8	334.3
344.6	25°	353.5	362.4	365.7	369.1	360.8	352.6	344.5	336.4	332.4	328.6
325.3	27.5°	332.5	339.7	343.4	347.1	341.2	335.3	329.0	322.7	320.1	317.5
306.0	30°	312.0	317.9	320.9	324.0	319.5	315.0	310.5	306.0	304.6	303.3
286.5	32.5°	292.2	297.9	301.2	304.6	300.5	296.3	292.7	289.1	288.3	287.4
267.4	35°	273.1	278.7	282.7	286.8	283.8	280.9	277.6	274.3	272.9	271.6
249.3	37.5°	254.9	260.5	265.5	270.5	269.1	267.8	264.7	261.6	259.2	256.8
232.3	40°	237.7	243.1	248.9	254.6	254.9	255.2	252.6	250.0	246.5	243.0
216.7	42.5°	221.9	227.0	233.2	239.4	241.0	242.7	240.5	238.3	233.9	229.5
203.4	45°	208.2	213.1	219.5	225.9	228.3	230.7	228.7	226.7	221.7	216.7
192.7	47.5°	197.5	202.2	208.6	214.9	217.6	220.3	218.9	217.6	213.1	208.7
184.9	50°	189.4	193.9	199.6	205.2	208.8	212.3	212.2	212.1	208.6	205.0
179.8	52.5°	184.0	188.1	193.4	198.6	202.8	206.9	207.7	208.4	205.5	202.6
176.0	55°	180.4	184.9	189.5	194.1	198.5	202.9	204.0	205.0	202.5	199.9
170.8	57.5°	176.0	181.2	185.8	190.4	194.8	199.2	200.3	201.3	198.8	196.2
163.8	60°	169.8	175.8	180.4	185.1	189.5	194.0	195.1	196.3	193.8	191.3
153.9	62.5°	160.9	167.9	172.9	177.8	181.9	186.0	187.1	188.2	185.9	183.7
143.3	65°	150.8	158.4	163.1	167.8	171.4	175.0	176.1	177.3	175.1	172.9
133.6	67.5°	140.5	147.4	151.9	156.4	159.5	162.6	163.7	164.8	162.8	160.8
123.8	70°	129.9	136.0	139.9	143.8	146.6	149.4	150.4	151.5	149.9	148.3
112.2	72.5°	117.0	121.8	125.3	128.8	131.6	134.3	135.6	136.9	135.5	134.1
98.3	75°	101.8	105.4	108.6	111.7	114.2	116.7	118.1	119.4	118.7	118.1
83.5	77.5°	86.4	89.3	92.0	94.7	97.4	100.0	101.2	102.4	101.5	100.6
66.6	80°	69.1	71.5	73.8	76.1	78.0	80.0	81.7	83.3	82.9	82.5
50.1	82.5°	49.9	49.7	48.9	48.1	52.4	56.6	59.4	62.2	62.0	61.8
31.2	85°	30.1	29.1	26.9	24.6	28.6	32.6	36.1	39.5	39.2	38.9
14.5	87.5°	14.4	14.4	12.7	11.0	12.7	14.3	15.7	17.1	16.8	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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
374.3	0°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3
342.0	2.5°	341.0	339.8	341.0	342.0	343.0	344.1	345.1	346.5	347.9	349.6
320.5	5°	319.4	318.4	319.4	320.5	321.5	322.8	324.1	326.0	327.9	330.6
307.5	7.5°	306.6	305.9	306.6	307.5	308.4	310.0	311.5	313.7	316.0	319.2
304.0	10°	303.2	302.9	303.2	304.0	304.8	306.2	307.7	310.2	312.7	316.5
309.4	12.5°	308.8	308.7	308.8	309.4	310.1	311.7	313.3	316.6	319.8	324.7
319.6	15°	318.8	318.7	318.8	319.6	320.5	322.7	325.0	329.9	334.8	341.8
328.5	17.5°	327.4	327.2	327.4	328.5	329.6	332.9	336.2	343.5	350.7	359.9
333.1	20°	331.8	331.4	331.8	333.1	334.5	338.8	343.1	351.9	360.8	371.3
332.8	22.5°	331.3	330.6	331.3	332.8	334.3	338.8	343.3	352.5	361.6	371.6
327.1	25°	325.7	324.9	325.7	327.1	328.6	332.4	336.4	344.5	352.6	360.8
316.8	27.5°	316.2	316.0	316.2	316.8	317.5	320.1	322.7	329.0	335.3	341.2
303.3	30°	303.3	303.5	303.3	303.3	303.3	304.6	306.0	310.5	315.0	319.5
287.5	32.5°	287.6	287.8	287.6	287.5	287.4	288.3	289.1	292.7	296.3	300.5
271.3	35°	271.0	270.9	271.0	271.3	271.6	272.9	274.3	277.6	280.9	283.8
255.5	37.5°	254.2	253.5	254.2	255.5	256.8	259.2	261.6	264.7	267.8	269.1
240.6	40°	238.3	236.8	238.3	240.6	243.0	246.5	250.0	252.6	255.2	254.9
226.1	42.5°	222.6	220.3	222.6	226.1	229.5	233.9	238.3	240.5	242.7	241.0
212.6	45°	208.6	206.0	208.6	212.6	216.7	221.7	226.7	228.7	230.7	228.3
204.9	47.5°	201.2	198.6	201.2	204.9	208.7	213.1	217.6	218.9	220.3	217.6
201.5	50°	198.0	195.6	198.0	201.5	205.0	208.6	212.1	212.2	212.3	208.8
199.5	52.5°	196.4	194.2	196.4	199.5	202.6	205.5	208.4	207.7	206.9	202.8
197.2	55°	194.5	192.5	194.5	197.2	199.9	202.5	205.0	204.0	202.9	198.5
193.5	57.5°	190.8	188.7	190.8	193.5	196.2	198.8	201.3	200.3	199.2	194.8
188.5	60°	185.7	183.6	185.7	188.5	191.3	193.8	196.3	195.1	194.0	189.5
180.7	62.5°	177.8	175.2	177.8	180.7	183.7	185.9	188.2	187.1	186.0	181.9
170.1	65°	167.3	165.0	167.3	170.1	172.9	175.1	177.3	176.1	175.0	171.4
158.2	67.5°	155.6	153.5	155.6	158.2	160.8	162.8	164.8	163.7	162.6	159.5
145.7	70°	143.2	140.9	143.2	145.7	148.3	149.9	151.5	150.4	149.4	146.6
131.7	72.5°	129.3	127.1	129.3	131.7	134.1	135.5	136.9	135.6	134.3	131.6
116.0	75°	114.0	111.9	114.0	116.0	118.1	118.7	119.4	118.1	116.7	114.2
98.5	77.5°	96.5	94.8	96.5	98.5	100.6	101.5	102.4	101.2	100.0	97.4
79.8	80°	77.0	73.8	77.0	79.8	82.5	82.9	83.3	81.7	80.0	78.0
59.5	82.5°	57.2	55.2	57.2	59.5	61.8	62.0	62.2	59.4	56.6	52.4
37.1	85°	35.3	33.5	35.3	37.1	38.9	39.2	39.5	36.1	32.6	28.6
15.5	87.5°	14.5	13.6	14.5	15.5	16.4	16.8	17.1	15.7	14.3	12.7
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
374.3	0°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3
351.2	2.5°	353.4	355.6	357.8	359.9	362.4	364.9	367.6	370.4	373.8	376.9
333.3	5°	336.8	340.3	344.1	348.0	352.3	356.7	361.9	367.1	373.1	379.1
322.4	7.5°	326.6	330.9	335.8	340.6	346.4	352.1	359.0	365.9	373.7	381.9
320.4	10°	325.2	330.0	335.2	340.4	346.2	351.9	359.2	366.5	374.8	385.0
329.6	12.5°	334.5	339.5	343.6	347.7	351.5	355.3	361.3	367.2	374.9	385.6
348.7	15°	353.1	357.4	358.4	359.5	359.0	358.5	361.3	364.2	370.3	382.2
369.1	17.5°	372.6	376.1	372.8	369.4	363.2	356.9	355.9	354.8	358.6	372.5
381.8	20°	383.5	385.1	378.1	371.1	360.3	349.4	344.5	339.6	340.6	356.8
381.7	22.5°	380.7	379.8	370.7	361.6	349.2	336.8	329.6	322.3	320.4	338.8
369.1	25°	365.7	362.4	353.5	344.6	333.4	322.2	313.9	305.6	300.3	319.1
347.1	27.5°	343.4	339.7	332.5	325.3	316.2	307.0	299.0	290.9	284.5	301.7
324.0	30°	320.9	317.9	312.0	306.0	298.4	290.8	284.4	278.0	273.0	287.4
304.6	32.5°	301.2	297.9	292.2	286.5	280.4	274.3	270.5	266.7	264.5	276.1
286.8	35°	282.7	278.7	273.1	267.4	262.8	258.2	257.1	256.1	257.0	266.7
270.5	37.5°	265.5	260.5	254.9	249.3	246.0	242.6	243.8	244.9	248.3	256.8
254.6	40°	248.9	243.1	237.7	232.3	229.9	227.5	230.1	232.7	237.9	245.6
239.4	42.5°	233.2	227.0	221.9	216.7	214.7	212.8	216.2	219.7	226.3	233.4
225.9	45°	219.5	213.1	208.2	203.4	201.7	200.0	203.4	206.8	213.1	220.3
214.9	47.5°	208.6	202.2	197.5	192.7	191.1	189.6	192.4	195.2	200.7	210.0
205.2	50°	199.6	193.9	189.4	184.9	182.5	180.1	182.6	185.1	191.5	203.6
198.6	52.5°	193.4	188.1	184.0	179.8	176.2	172.6	175.0	177.5	186.4	200.4
194.1	55°	189.5	184.9	180.4	176.0	170.8	165.7	169.6	173.5	186.9	200.0
190.4	57.5°	185.8	181.2	176.0	170.8	165.2	159.7	165.4	171.1	187.4	198.9
185.1	60°	180.4	175.8	169.8	163.8	158.9	154.0	161.4	168.8	185.9	193.4
177.8	62.5°	172.9	167.9	160.9	153.9	150.8	147.7	156.9	166.2	182.0	182.9
167.8	65°	163.1	158.4	150.8	143.3	142.2	141.0	150.8	160.6	172.6	172.5
156.4	67.5°	151.9	147.4	140.5	133.6	133.9	134.3	142.5	150.6	157.4	157.7
143.8	70°	139.9	136.0	129.9	123.8	125.1	126.4	132.2	138.0	140.3	140.3
128.8	72.5°	125.3	121.8	117.0	112.2	114.1	116.0	120.0	124.0	124.0	122.5
111.7	75°	108.6	105.4	101.8	98.3	100.1	101.9	105.0	108.0	108.6	102.1
94.7	77.5°	92.0	89.3	86.4	83.5	85.3	87.2	89.6	92.1	92.4	81.7
76.1	80°	73.8	71.5	69.1	66.6	68.2	69.7	71.8	73.9	73.9	61.1
48.1	82.5°	48.9	49.7	49.9	50.1	51.2	52.3	53.3	54.3	53.7	42.8
24.6	85°	26.9	29.1	30.1	31.2	32.4	33.6	34.7	35.8	35.0	26.9
11.0	87.5°	12.7	14.4	14.4	14.5	14.7	14.9	15.4	15.8	14.8	11.4
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):

325°		330°	335°	340°	345°	350°	355°	360°
374.3	0°	374.3	374.3	374.3	374.3	374.3	374.3	374.3
380.0	2.5°	383.2	386.5	389.8	393.1	396.3	399.4	402.5
385.5	5°	391.9	398.7	405.6	412.4	419.2	426.0	432.8
390.8	7.5°	399.7	409.8	420.0	430.4	440.8	452.0	463.3
395.5	10°	406.1	418.4	430.7	444.4	458.1	472.4	486.6
397.6	12.5°	409.5	424.0	438.5	454.1	469.6	485.3	500.9
396.0	15°	409.8	426.5	443.2	460.1	477.0	493.3	509.6
389.2	17.5°	405.8	425.2	444.6	463.0	481.4	497.9	514.5
377.4	20°	398.0	421.5	445.0	465.2	485.5	502.7	519.9
363.6	22.5°	388.4	417.0	445.6	468.3	491.0	508.6	526.1
348.2	25°	377.2	412.5	447.8	473.8	499.8	517.0	534.2
334.1	27.5°	366.5	409.6	452.6	482.4	512.3	528.7	545.1
322.3	30°	357.2	408.2	459.1	493.6	528.1	543.9	559.8
312.2	32.5°	348.2	406.4	464.7	505.2	545.8	561.5	577.2
302.2	35°	337.6	403.2	468.8	518.5	568.2	583.3	598.3
290.4	37.5°	324.1	397.6	471.2	533.4	595.5	614.7	633.8
276.4	40°	307.2	390.0	472.8	552.2	631.7	659.6	687.6
260.9	42.5°	288.5	382.1	475.7	576.9	678.2	718.5	758.8
244.5	45°	268.7	374.7	480.8	609.4	738.0	792.4	846.8
231.5	47.5°	253.0	368.7	484.3	644.0	803.8	880.3	956.8
222.9	50°	242.1	362.1	482.0	676.2	870.3	985.6	1101.0
217.2	52.5°	234.0	350.9	467.9	697.0	926.1	1096.3	1266.5
213.1	55°	226.2	332.4	438.6	692.4	946.2	1194.5	1442.8
208.2	57.5°	217.5	306.3	395.2	660.1	924.9	1264.0	1603.0
200.7	60°	208.0	272.5	336.9	599.9	862.8	1281.4	1699.9
187.7	62.5°	192.6	231.9	271.3	518.5	765.7	1208.2	1650.7
174.8	65°	177.1	195.5	213.8	435.4	657.0	1104.7	1552.3
156.5	67.5°	155.2	160.4	165.6	354.1	542.5	981.4	1420.4
134.4	70°	128.4	127.0	125.5	278.8	432.1	847.0	1261.9
114.2	72.5°	105.8	101.3	96.8	213.1	329.5	701.2	1073.0
92.7	75°	83.3	79.2	75.1	154.7	234.2	534.1	834.1
72.5	77.5°	63.4	60.6	57.9	104.8	151.8	373.9	595.9
53.4	80°	45.7	44.5	43.4	67.5	91.7	240.9	390.0
37.1	82.5°	31.4	31.2	31.0	41.5	52.1	139.4	226.7
22.7	85°	18.5	18.6	18.7	22.2	25.7	62.7	99.8
9.7	87.5°	8.0	8.1	8.2	9.2	10.2	20.5	30.9
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)