

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: P945031

Luminaire Tested: **GALN-SB1A-835-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P945031  
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-835-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 80 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

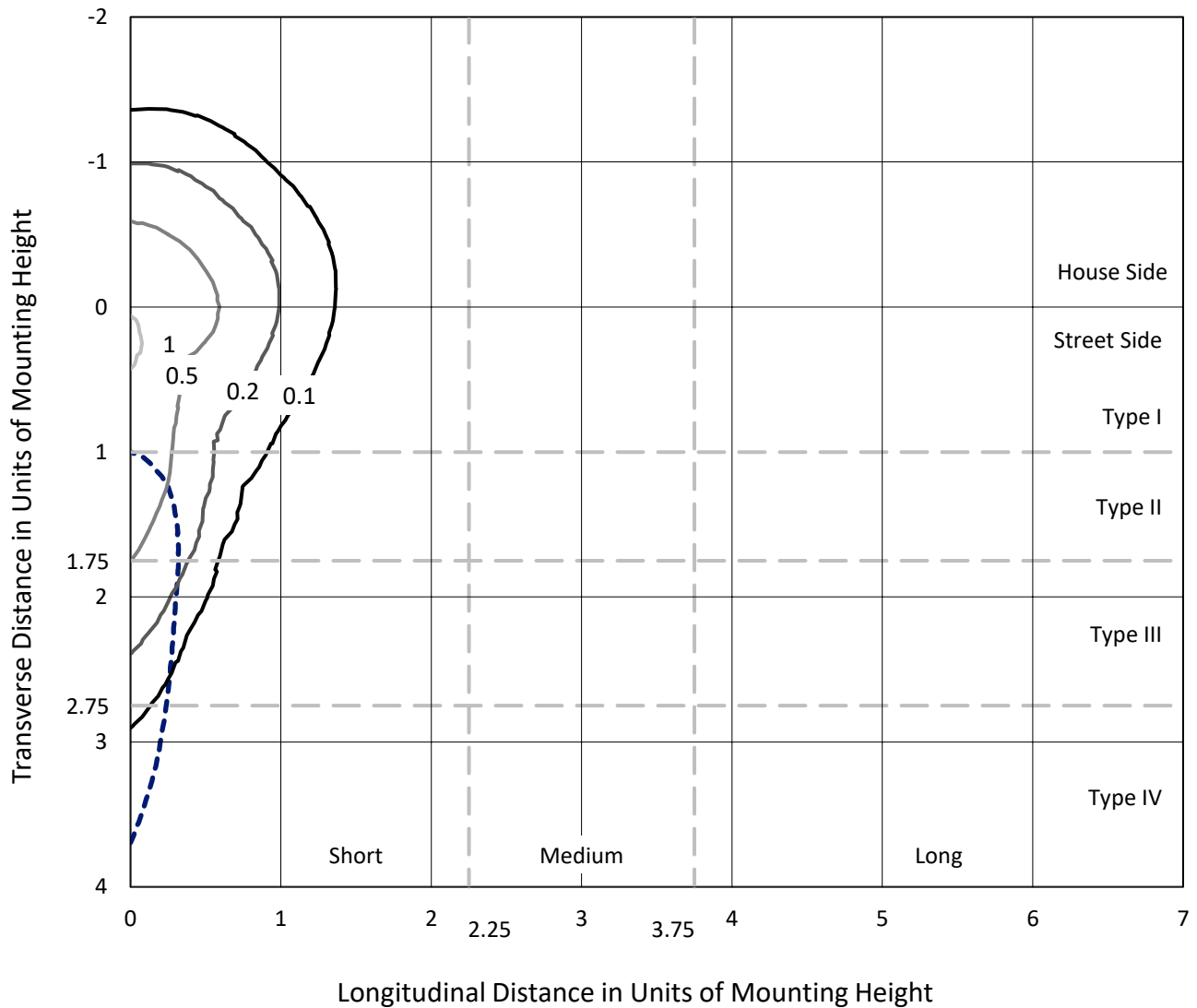
Lumens per Lamp: N/A  
Luminaire Lumens: 4147 lumens  
Efficiency: N/A  
Efficacy: 134.2 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2  
  
Input Watts (W): 30.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

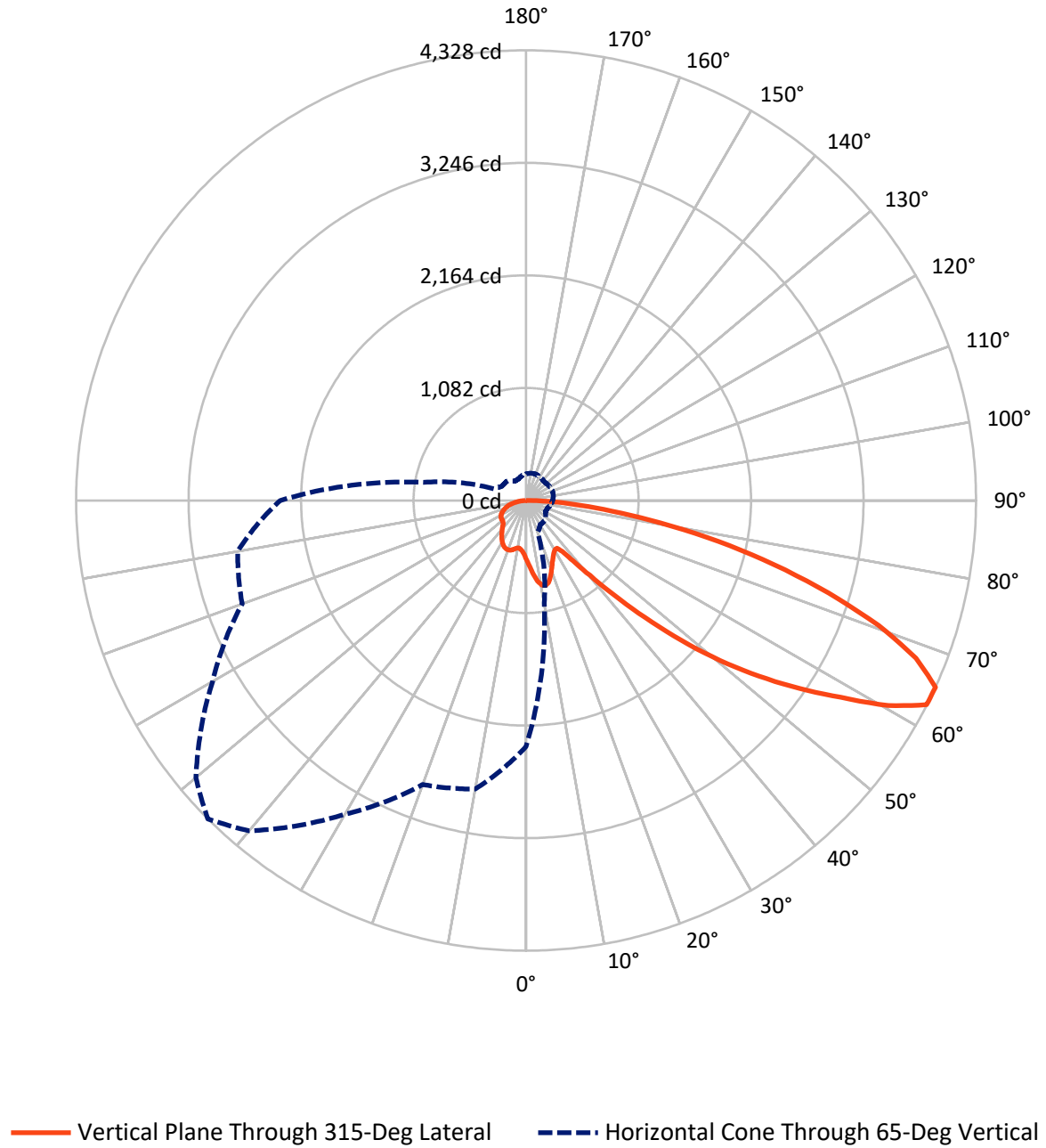
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.1 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1054.0	0.0	1054.0
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	3093.0	0.0	3093.0
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	4147.0	0.0	4147.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	56.6	1.4
10°-20°	177.6	4.3
20°-30°	274.3	6.6
30°-40°	347.6	8.4
40°-50°	524.3	12.6
50°-60°	847.0	20.4
60°-70°	1056.0	25.5
70°-80°	692.5	16.7
80°-90°	171.2	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°	4147.0	100.0
0°-180°	4147.0	100.0



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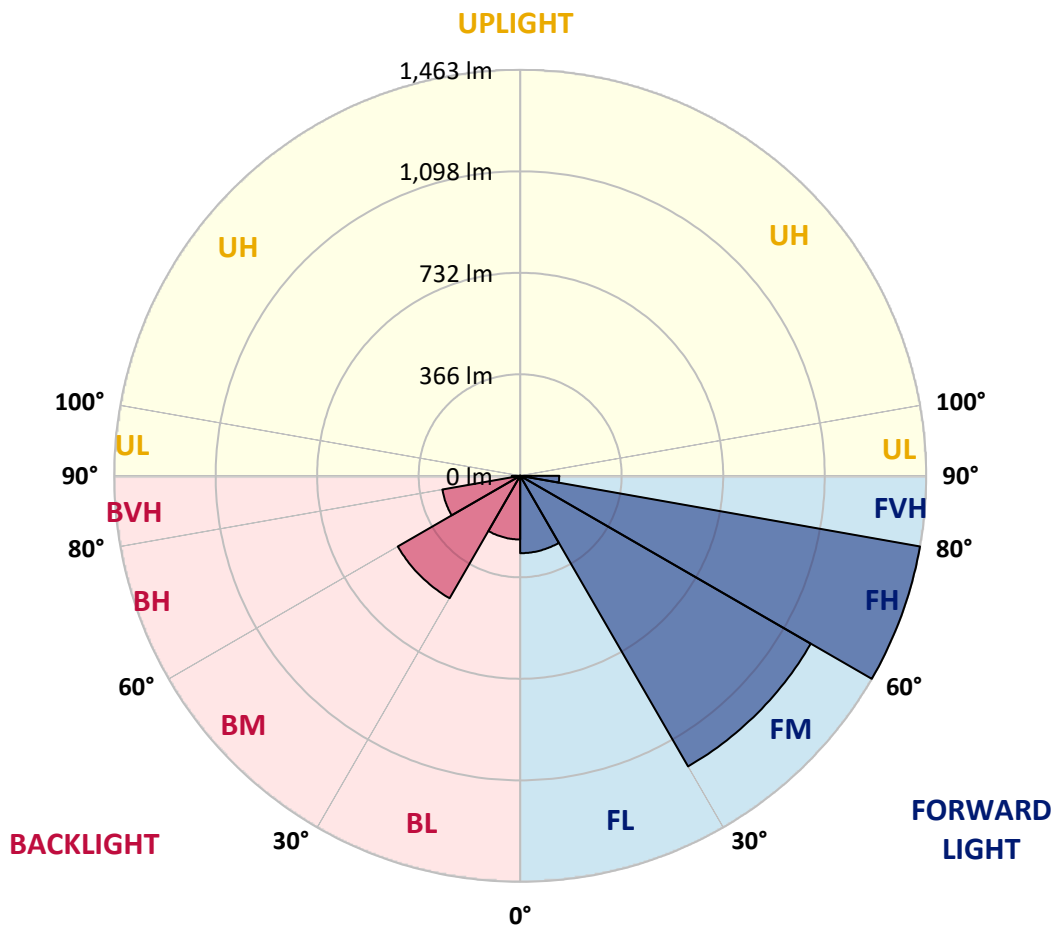
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	278.9	6.7			
FM (30°-60°)	1209.6	29.2			
FH (60°-80°)	1463.5	35.3			G1/1800
FVH (80°-90°)	141.0	3.4			G2/225
BL (0°-30°)	229.5	5.5	B1/500		
BM (30°-60°)	509.3	12.3	B1/1000		
BH (60°-80°)	284.9	6.9	B1/500		G1/500
BVH (80°-90°)	30.2	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°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
2.5°	613.2	608.5	603.8	598.8	593.8	588.8	583.8	579.0	574.1	569.5
5°	659.4	649.0	638.6	628.3	617.9	607.5	597.1	587.3	577.6	568.4
7.5°	705.8	688.7	671.5	655.7	639.8	624.4	609.0	595.4	581.8	569.3
10°	741.4	719.7	698.0	677.1	656.1	637.4	618.7	602.6	586.5	571.0
12.5°	763.1	739.3	715.5	691.8	668.1	646.0	623.9	605.7	587.5	571.2
15°	776.4	751.5	726.7	701.0	675.2	649.8	624.3	603.3	582.2	564.2
17.5°	783.8	758.6	733.4	705.4	677.3	647.8	618.2	592.9	567.6	546.4
20°	792.0	765.9	739.7	708.8	678.0	642.2	606.4	575.0	543.6	518.9
22.5°	801.5	774.8	748.0	713.4	678.8	635.3	591.7	553.9	516.2	488.1
25°	813.8	787.6	761.4	721.8	682.3	628.5	574.7	530.5	486.2	457.4
27.5°	830.4	805.4	780.4	735.0	689.5	624.0	558.4	509.0	459.6	433.4
30°	852.9	828.7	804.6	752.0	699.4	621.8	544.3	491.1	437.9	415.9
32.5°	879.3	855.4	831.5	769.7	707.9	619.2	530.5	475.6	420.7	403.0
35°	911.5	888.6	865.7	789.9	714.2	614.3	514.4	460.4	406.4	391.6
37.5°	965.7	936.5	907.3	812.6	717.9	605.8	493.7	442.5	391.3	378.3
40°	1047.5	1005.0	962.4	841.3	720.3	594.1	468.1	421.1	374.2	362.5
42.5°	1156.0	1094.6	1033.2	879.0	724.7	582.1	439.6	397.6	355.5	344.8
45°	1290.1	1207.2	1124.4	928.5	732.5	570.9	409.4	372.5	335.7	324.7
47.5°	1457.7	1341.1	1224.5	981.2	737.9	561.7	385.5	352.7	319.9	305.8
50°	1677.4	1501.6	1325.9	1030.1	734.4	551.6	368.9	339.6	310.2	291.7
52.5°	1929.6	1670.3	1411.0	1061.9	712.8	534.6	356.5	330.9	305.4	284.0
55°	2198.1	1819.8	1441.5	1054.9	668.3	506.4	344.6	324.6	304.6	284.8
57.5°	2442.3	1925.7	1409.2	1005.6	602.1	466.7	331.3	317.2	303.1	285.6
60°	2589.9	1952.2	1314.5	913.9	513.3	415.1	316.9	305.8	294.7	283.2
62.5°	2514.9	1840.7	1166.5	789.9	413.3	353.4	293.4	286.0	278.7	277.2
65°	2364.9	1683.0	1001.0	663.4	325.8	297.8	269.8	266.3	262.8	263.0
67.5°	2163.9	1495.2	826.5	539.4	252.3	244.4	236.4	238.4	240.3	239.8
70°	1922.5	1290.4	658.3	424.7	191.1	193.4	195.7	204.7	213.7	213.7
72.5°	1634.7	1068.3	502.0	324.7	147.4	154.3	161.2	173.9	186.7	188.8
75°	1270.7	813.8	356.9	235.7	114.5	120.7	126.9	141.2	155.5	165.4
77.5°	907.9	569.6	231.3	159.7	88.1	92.4	96.6	110.5	124.4	140.7
80°	594.2	367.0	139.7	102.9	66.1	67.8	69.6	81.4	93.1	112.6
82.5°	345.4	212.4	79.4	63.3	47.2	47.5	47.9	56.5	65.2	81.8
85°	152.0	95.5	39.1	33.8	28.6	28.4	28.2	34.6	40.9	53.3
87.5°	47.0	31.3	15.5	14.0	12.5	12.4	12.2	14.8	17.4	22.5
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°
570.2	0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
564.3	2.5°	560.1	555.9	552.1	548.4	545.1	541.8	538.4	535.1	532.6	530.0
559.3	5°	551.4	543.4	536.8	530.2	524.3	518.4	513.1	507.8	503.7	499.6
557.5	7.5°	547.0	536.4	527.7	518.9	511.6	504.2	497.6	491.1	486.3	481.4
558.4	10°	547.3	536.2	527.4	518.7	510.7	502.7	495.4	488.1	482.3	476.4
559.5	12.5°	550.4	541.3	535.5	529.7	523.5	517.2	509.7	502.1	494.6	487.2
554.8	15°	550.5	546.1	546.9	547.7	546.1	544.5	537.9	531.3	520.7	510.1
540.6	17.5°	542.2	543.8	553.3	562.9	567.9	573.0	567.7	562.4	548.3	534.3
517.4	20°	524.8	532.3	548.8	565.4	576.0	586.7	584.2	581.7	565.7	549.7
491.1	22.5°	502.1	513.1	532.0	550.9	564.8	578.6	580.1	581.5	566.2	550.9
465.5	25°	478.2	490.9	507.9	525.0	538.5	552.1	557.2	562.3	549.7	537.2
443.2	27.5°	455.5	467.7	481.7	495.7	506.6	517.5	523.1	528.8	519.8	510.9
423.6	30°	433.3	443.1	454.7	466.3	475.3	484.4	489.0	493.6	486.7	479.9
406.4	32.5°	412.1	417.9	427.2	436.4	445.1	453.8	458.9	464.0	457.8	451.5
390.2	35°	391.7	393.3	400.4	407.4	416.0	424.6	430.7	436.9	432.4	428.0
373.1	37.5°	371.4	369.6	374.7	379.8	388.3	396.9	404.5	412.0	410.0	407.9
354.5	40°	350.5	346.6	350.2	353.9	362.1	370.4	379.1	387.9	388.4	388.8
334.7	42.5°	329.4	324.2	327.2	330.2	338.0	345.8	355.3	364.7	367.2	369.7
315.0	45°	309.9	304.8	307.3	309.8	317.2	324.7	334.4	344.2	347.8	351.4
297.4	47.5°	293.1	288.8	291.2	293.5	300.8	308.1	317.7	327.4	331.5	335.7
282.0	50°	278.1	274.4	278.0	281.7	288.6	295.5	304.1	312.7	318.0	323.4
270.4	52.5°	266.7	262.9	268.4	274.0	280.3	286.5	294.6	302.6	309.0	315.3
264.3	55°	258.3	252.4	260.3	268.1	274.9	281.7	288.7	295.7	302.4	309.2
260.6	57.5°	252.0	243.3	251.7	260.2	268.1	276.1	283.1	290.0	296.8	303.5
257.2	60°	245.9	234.7	242.1	249.5	258.6	267.8	274.9	282.0	288.7	295.5
253.1	62.5°	239.1	225.1	229.8	234.5	245.1	255.8	263.4	270.9	277.1	283.3
244.6	65°	229.7	214.8	216.6	218.4	229.8	241.3	248.5	255.7	261.2	266.6
229.5	67.5°	217.1	204.6	204.1	203.5	214.1	224.6	231.5	238.3	243.0	247.7
210.3	70°	201.4	192.6	190.6	188.7	197.9	207.2	213.1	219.0	223.3	227.6
188.9	72.5°	182.8	176.8	173.9	171.0	178.3	185.6	190.9	196.3	200.5	204.6
164.6	75°	159.9	155.3	152.5	149.7	155.1	160.6	165.4	170.2	174.1	177.9
140.3	77.5°	136.5	132.8	130.0	127.2	131.6	136.0	140.2	144.3	148.3	152.3
112.5	80°	109.4	106.2	103.9	101.5	105.2	108.9	112.4	115.9	118.9	121.9
82.8	82.5°	81.2	79.7	78.0	76.4	76.1	75.8	74.5	73.3	79.8	86.3
54.5	85°	52.8	51.2	49.3	47.5	45.9	44.3	40.9	37.5	43.6	49.7
24.1	87.5°	23.4	22.8	22.4	22.1	22.0	21.9	19.3	16.7	19.3	21.8
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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
570.2	0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
527.9	2.5°	525.8	524.2	522.6	521.1	519.6	517.7	519.6	521.1	522.6	524.2
496.7	5°	493.8	491.8	489.8	488.2	486.7	485.1	486.7	488.2	489.8	491.8
478.0	7.5°	474.6	472.2	469.9	468.5	467.1	466.1	467.1	468.5	469.9	472.2
472.6	10°	468.8	466.5	464.3	463.2	462.0	461.5	462.0	463.2	464.3	466.5
482.3	12.5°	477.4	474.9	472.4	471.4	470.4	470.2	470.4	471.4	472.4	474.9
502.6	15°	495.1	491.7	488.3	487.0	485.7	485.6	485.7	487.0	488.3	491.7
523.3	17.5°	512.3	507.2	502.1	500.4	498.7	498.5	498.7	500.4	502.1	507.2
536.2	20°	522.7	516.2	509.6	507.6	505.5	504.8	505.5	507.6	509.6	516.2
537.0	22.5°	523.0	516.2	509.3	507.0	504.7	503.7	504.7	507.0	509.3	516.2
524.8	25°	512.4	506.5	500.6	498.4	496.2	495.0	496.2	498.4	500.6	506.5
501.3	27.5°	491.7	487.7	483.7	482.7	481.7	481.4	481.7	482.7	483.7	487.7
473.0	30°	466.1	464.1	462.0	462.0	462.0	462.4	462.0	462.0	462.0	464.1
446.0	32.5°	440.5	439.2	437.8	438.0	438.2	438.5	438.2	438.0	437.8	439.2
422.9	35°	417.8	415.8	413.8	413.4	412.9	412.7	412.9	413.4	413.8	415.8
403.3	37.5°	398.6	394.9	391.2	389.3	387.3	386.2	387.3	389.3	391.2	394.9
384.9	40°	380.9	375.5	370.2	366.6	363.0	360.8	363.0	366.6	370.2	375.5
366.4	42.5°	363.0	356.4	349.7	344.4	339.1	335.7	339.1	344.4	349.7	356.4
348.4	45°	345.4	337.8	330.2	324.0	317.8	313.8	317.8	324.0	330.2	337.8
333.6	47.5°	331.5	324.7	317.9	312.2	306.5	302.6	306.5	312.2	317.9	324.7
323.2	50°	323.2	317.7	312.3	307.0	301.7	298.0	301.7	307.0	312.3	317.7
316.4	52.5°	317.6	313.1	308.7	304.0	299.2	295.8	299.2	304.0	308.7	313.1
310.7	55°	312.3	308.5	304.6	300.4	296.3	293.2	296.3	300.4	304.6	308.5
305.1	57.5°	306.7	302.8	299.0	294.8	290.7	287.5	290.7	294.8	299.0	302.8
297.3	60°	299.0	295.2	291.4	287.2	282.9	279.7	282.9	287.2	291.4	295.2
285.0	62.5°	286.7	283.3	279.8	275.4	270.9	267.0	270.9	275.4	279.8	283.3
268.4	65°	270.1	266.8	263.5	259.1	254.8	251.4	254.8	259.1	263.5	266.8
249.4	67.5°	251.1	248.1	245.0	241.0	237.0	233.9	237.0	241.0	245.0	248.1
229.2	70°	230.8	228.3	225.9	222.0	218.2	214.7	218.2	222.0	225.9	228.3
206.6	72.5°	208.5	206.4	204.4	200.7	197.0	193.7	197.0	200.7	204.4	206.4
179.9	75°	181.9	180.9	179.9	176.8	173.7	170.5	173.7	176.8	179.9	180.9
154.2	77.5°	156.1	154.7	153.2	150.1	147.0	144.4	147.0	150.1	153.2	154.7
124.4	80°	126.9	126.3	125.7	121.5	117.3	112.5	117.3	121.5	125.7	126.3
90.5	82.5°	94.7	94.5	94.2	90.7	87.1	84.0	87.1	90.7	94.2	94.5
54.9	85°	60.2	59.7	59.3	56.5	53.8	51.0	53.8	56.5	59.3	59.7
24.0	87.5°	26.1	25.6	25.0	23.6	22.1	20.8	22.1	23.6	25.0	25.6
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°
570.2	0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
525.8	2.5°	527.9	530.0	532.6	535.1	538.4	541.8	545.1	548.4	552.1	555.9
493.8	5°	496.7	499.6	503.7	507.8	513.1	518.4	524.3	530.2	536.8	543.4
474.6	7.5°	478.0	481.4	486.3	491.1	497.6	504.2	511.6	518.9	527.7	536.4
468.8	10°	472.6	476.4	482.3	488.1	495.4	502.7	510.7	518.7	527.4	536.2
477.4	12.5°	482.3	487.2	494.6	502.1	509.7	517.2	523.5	529.7	535.5	541.3
495.1	15°	502.6	510.1	520.7	531.3	537.9	544.5	546.1	547.7	546.9	546.1
512.3	17.5°	523.3	534.3	548.3	562.4	567.7	573.0	567.9	562.9	553.3	543.8
522.7	20°	536.2	549.7	565.7	581.7	584.2	586.7	576.0	565.4	548.8	532.3
523.0	22.5°	537.0	550.9	566.2	581.5	580.1	578.6	564.8	550.9	532.0	513.1
512.4	25°	524.8	537.2	549.7	562.3	557.2	552.1	538.5	525.0	507.9	490.9
491.7	27.5°	501.3	510.9	519.8	528.8	523.1	517.5	506.6	495.7	481.7	467.7
466.1	30°	473.0	479.9	486.7	493.6	489.0	484.4	475.3	466.3	454.7	443.1
440.5	32.5°	446.0	451.5	457.8	464.0	458.9	453.8	445.1	436.4	427.2	417.9
417.8	35°	422.9	428.0	432.4	436.9	430.7	424.6	416.0	407.4	400.4	393.3
398.6	37.5°	403.3	407.9	410.0	412.0	404.5	396.9	388.3	379.8	374.7	369.6
380.9	40°	384.9	388.8	388.4	387.9	379.1	370.4	362.1	353.9	350.2	346.6
363.0	42.5°	366.4	369.7	367.2	364.7	355.3	345.8	338.0	330.2	327.2	324.2
345.4	45°	348.4	351.4	347.8	344.2	334.4	324.7	317.2	309.8	307.3	304.8
331.5	47.5°	333.6	335.7	331.5	327.4	317.7	308.1	300.8	293.5	291.2	288.8
323.2	50°	323.2	323.4	318.0	312.7	304.1	295.5	288.6	281.7	278.0	274.4
317.6	52.5°	316.4	315.3	309.0	302.6	294.6	286.5	280.3	274.0	268.4	262.9
312.3	55°	310.7	309.2	302.4	295.7	288.7	281.7	274.9	268.1	260.3	252.4
306.7	57.5°	305.1	303.5	296.8	290.0	283.1	276.1	268.1	260.2	251.7	243.3
299.0	60°	297.3	295.5	288.7	282.0	274.9	267.8	258.6	249.5	242.1	234.7
286.7	62.5°	285.0	283.3	277.1	270.9	263.4	255.8	245.1	234.5	229.8	225.1
270.1	65°	268.4	266.6	261.2	255.7	248.5	241.3	229.8	218.4	216.6	214.8
251.1	67.5°	249.4	247.7	243.0	238.3	231.5	224.6	214.1	203.5	204.1	204.6
230.8	70°	229.2	227.6	223.3	219.0	213.1	207.2	197.9	188.7	190.6	192.6
208.5	72.5°	206.6	204.6	200.5	196.3	190.9	185.6	178.3	171.0	173.9	176.8
181.9	75°	179.9	177.9	174.1	170.2	165.4	160.6	155.1	149.7	152.5	155.3
156.1	77.5°	154.2	152.3	148.3	144.3	140.2	136.0	131.6	127.2	130.0	132.8
126.9	80°	124.4	121.9	118.9	115.9	112.4	108.9	105.2	101.5	103.9	106.2
94.7	82.5°	90.5	86.3	79.8	73.3	74.5	75.8	76.1	76.4	78.0	79.7
60.2	85°	54.9	49.7	43.6	37.5	40.9	44.3	45.9	47.5	49.3	51.2
26.1	87.5°	24.0	21.8	19.3	16.7	19.3	21.9	22.0	22.1	22.4	22.8
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
570.2	0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
560.1	2.5°	564.3	569.5	574.1	579.0	583.8	588.8	593.8	598.8	603.8	608.5
551.4	5°	559.3	568.4	577.6	587.3	597.1	607.5	617.9	628.3	638.6	649.0
547.0	7.5°	557.5	569.3	581.8	595.4	609.0	624.4	639.8	655.7	671.5	688.7
547.3	10°	558.4	571.0	586.5	602.6	618.7	637.4	656.1	677.1	698.0	719.7
550.4	12.5°	559.5	571.2	587.5	605.7	623.9	646.0	668.1	691.8	715.5	739.3
550.5	15°	554.8	564.2	582.2	603.3	624.3	649.8	675.2	701.0	726.7	751.5
542.2	17.5°	540.6	546.4	567.6	592.9	618.2	647.8	677.3	705.4	733.4	758.6
524.8	20°	517.4	518.9	543.6	575.0	606.4	642.2	678.0	708.8	739.7	765.9
502.1	22.5°	491.1	488.1	516.2	553.9	591.7	635.3	678.8	713.4	748.0	774.8
478.2	25°	465.5	457.4	486.2	530.5	574.7	628.5	682.3	721.8	761.4	787.6
455.5	27.5°	443.2	433.4	459.6	509.0	558.4	624.0	689.5	735.0	780.4	805.4
433.3	30°	423.6	415.9	437.9	491.1	544.3	621.8	699.4	752.0	804.6	828.7
412.1	32.5°	406.4	403.0	420.7	475.6	530.5	619.2	707.9	769.7	831.5	855.4
391.7	35°	390.2	391.6	406.4	460.4	514.4	614.3	714.2	789.9	865.7	888.6
371.4	37.5°	373.1	378.3	391.3	442.5	493.7	605.8	717.9	812.6	907.3	936.5
350.5	40°	354.5	362.5	374.2	421.1	468.1	594.1	720.3	841.3	962.4	1005.0
329.4	42.5°	334.7	344.8	355.5	397.6	439.6	582.1	724.7	879.0	1033.2	1094.6
309.9	45°	315.0	324.7	335.7	372.5	409.4	570.9	732.5	928.5	1124.4	1207.2
293.1	47.5°	297.4	305.8	319.9	352.7	385.5	561.7	737.9	981.2	1224.5	1341.1
278.1	50°	282.0	291.7	310.2	339.6	368.9	551.6	734.4	1030.1	1325.9	1501.6
266.7	52.5°	270.4	284.0	305.4	330.9	356.5	534.6	712.8	1061.9	1411.0	1670.3
258.3	55°	264.3	284.8	304.6	324.6	344.6	506.4	668.3	1054.9	1441.5	1819.8
252.0	57.5°	260.6	285.6	303.1	317.2	331.3	466.7	602.1	1005.6	1409.2	1925.7
245.9	60°	257.2	283.2	294.7	305.8	316.9	415.1	513.3	913.9	1314.5	1952.2
239.1	62.5°	253.1	277.2	278.7	286.0	293.4	353.4	413.3	789.9	1166.5	1840.7
229.7	65°	244.6	263.0	262.8	266.3	269.8	297.8	325.8	663.4	1001.0	1683.0
217.1	67.5°	229.5	239.8	240.3	238.4	236.4	244.4	252.3	539.4	826.5	1495.2
201.4	70°	210.3	213.7	213.7	204.7	195.7	193.4	191.1	424.7	658.3	1290.4
182.8	72.5°	188.9	188.8	186.7	173.9	161.2	154.3	147.4	324.7	502.0	1068.3
159.9	75°	164.6	165.4	155.5	141.2	126.9	120.7	114.5	235.7	356.9	813.8
136.5	77.5°	140.3	140.7	124.4	110.5	96.6	92.4	88.1	159.7	231.3	569.6
109.4	80°	112.5	112.6	93.1	81.4	69.6	67.8	66.1	102.9	139.7	367.0
81.2	82.5°	82.8	81.8	65.2	56.5	47.9	47.5	47.2	63.3	79.4	212.4
52.8	85°	54.5	53.3	40.9	34.6	28.2	28.4	28.6	33.8	39.1	95.5
23.4	87.5°	24.1	22.5	17.4	14.8	12.2	12.4	12.5	14.0	15.5	31.3
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°
570.2	0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
613.2	2.5°	615.6	617.9	621.2	624.5	626.5	628.5	629.4	630.4	630.0	630.4
659.4	5°	667.5	675.7	683.7	691.8	696.2	700.6	703.2	705.9	707.9	705.9
705.8	7.5°	719.0	732.2	744.1	756.0	763.1	770.3	774.2	778.0	779.9	778.0
741.4	10°	757.0	772.6	786.6	800.5	808.9	817.3	821.1	824.8	826.3	824.8
763.1	12.5°	780.1	797.0	809.6	822.2	828.3	834.4	836.5	838.5	838.7	838.5
776.4	15°	791.0	805.6	813.5	821.4	821.6	821.8	819.7	817.5	814.9	817.5
783.8	17.5°	793.7	803.6	803.7	803.8	795.0	786.1	778.0	769.9	764.1	769.9
792.0	20°	795.5	798.9	788.5	778.1	758.6	739.0	724.8	710.5	701.8	710.5
801.5	22.5°	797.0	792.5	771.0	749.5	720.7	691.9	674.1	656.3	646.6	656.3
813.8	25°	799.6	785.3	752.7	720.0	685.0	650.1	631.3	612.7	603.5	612.7
830.4	27.5°	805.0	779.6	736.2	693.0	654.2	615.5	597.1	578.7	570.0	578.7
852.9	30°	814.9	777.0	723.7	670.4	630.1	589.7	572.6	555.5	547.5	555.5
879.3	32.5°	827.4	775.5	715.2	654.9	617.0	579.0	565.6	552.2	546.4	552.2
911.5	35°	848.0	784.4	721.6	658.8	632.4	606.1	603.0	599.8	599.4	599.8
965.7	37.5°	890.9	816.2	759.0	701.9	700.2	698.5	712.8	727.1	734.6	727.1
1047.5	40°	966.2	884.9	842.4	800.0	829.9	859.9	894.7	929.5	946.8	929.5
1156.0	42.5°	1075.4	994.7	970.3	945.8	1011.2	1076.6	1139.8	1203.1	1240.3	1203.1
1290.1	45°	1217.6	1145.1	1134.3	1123.5	1228.3	1333.1	1437.0	1541.0	1604.2	1541.0
1457.7	47.5°	1387.2	1316.7	1314.5	1312.3	1463.4	1614.5	1766.7	1919.0	2008.3	1919.0
1677.4	50°	1590.3	1503.3	1503.6	1504.0	1698.8	1893.5	2094.4	2295.4	2416.9	2295.4
1929.6	52.5°	1824.1	1718.7	1708.1	1697.4	1930.0	2162.7	2411.3	2659.9	2805.5	2659.9
2198.1	55°	2093.9	1989.7	1948.2	1906.6	2165.5	2424.4	2720.8	3017.2	3190.4	3017.2
2442.3	57.5°	2385.5	2328.8	2245.5	2162.1	2423.6	2685.0	3020.7	3356.4	3571.2	3356.4
2589.9	60°	2678.0	2766.1	2662.6	2559.1	2806.5	3053.9	3413.3	3772.7	4004.9	3772.7
2514.9	62.5°	2755.6	2996.4	2984.7	2973.0	3199.6	3426.3	3768.3	4110.2	4324.8	4110.2
2364.9	65°	2590.8	2816.8	2861.5	2906.2	3194.2	3482.2	3813.8	4145.4	4328.1	4145.4
2163.9	67.5°	2378.8	2593.7	2614.7	2635.6	2935.7	3235.8	3568.8	3901.8	4044.9	3901.8
1922.5	70°	2156.2	2389.9	2399.3	2408.7	2677.0	2945.4	3232.0	3518.5	3598.1	3518.5
1634.7	72.5°	1902.9	2171.1	2177.9	2184.6	2394.6	2604.5	2819.2	3033.8	3041.8	3033.8
1270.7	75°	1548.3	1825.9	1850.8	1875.7	2039.1	2202.4	2353.5	2504.6	2464.1	2504.6
907.9	77.5°	1167.0	1426.2	1461.8	1497.5	1621.7	1745.9	1853.0	1960.2	1890.6	1960.2
594.2	80°	812.2	1030.2	1074.5	1118.9	1212.7	1306.4	1362.7	1418.9	1307.0	1418.9
345.4	82.5°	494.4	643.5	693.0	742.6	807.1	871.7	895.2	918.6	830.6	918.6
152.0	85°	231.1	310.2	352.3	394.4	447.5	500.5	513.8	527.1	456.7	527.1
47.0	87.5°	73.6	100.2	123.7	147.2	173.7	200.3	201.4	202.5	170.0	202.5
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):**

325°		330°	335°	340°	345°	350°	355°	360°
570.2	0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2
629.4	2.5°	628.5	626.5	624.5	621.2	617.9	615.6	613.2
703.2	5°	700.6	696.2	691.8	683.7	675.7	667.5	659.4
774.2	7.5°	770.3	763.1	756.0	744.1	732.2	719.0	705.8
821.1	10°	817.3	808.9	800.5	786.6	772.6	757.0	741.4
836.5	12.5°	834.4	828.3	822.2	809.6	797.0	780.1	763.1
819.7	15°	821.8	821.6	821.4	813.5	805.6	791.0	776.4
778.0	17.5°	786.1	795.0	803.8	803.7	803.6	793.7	783.8
724.8	20°	739.0	758.6	778.1	788.5	798.9	795.5	792.0
674.1	22.5°	691.9	720.7	749.5	771.0	792.5	797.0	801.5
631.3	25°	650.1	685.0	720.0	752.7	785.3	799.6	813.8
597.1	27.5°	615.5	654.2	693.0	736.2	779.6	805.0	830.4
572.6	30°	589.7	630.1	670.4	723.7	777.0	814.9	852.9
565.6	32.5°	579.0	617.0	654.9	715.2	775.5	827.4	879.3
603.0	35°	606.1	632.4	658.8	721.6	784.4	848.0	911.5
712.8	37.5°	698.5	700.2	701.9	759.0	816.2	890.9	965.7
894.7	40°	859.9	829.9	800.0	842.4	884.9	966.2	1047.5
1139.8	42.5°	1076.6	1011.2	945.8	970.3	994.7	1075.4	1156.0
1437.0	45°	1333.1	1228.3	1123.5	1134.3	1145.1	1217.6	1290.1
1766.7	47.5°	1614.5	1463.4	1312.3	1314.5	1316.7	1387.2	1457.7
2094.4	50°	1893.5	1698.8	1504.0	1503.6	1503.3	1590.3	1677.4
2411.3	52.5°	2162.7	1930.0	1697.4	1708.1	1718.7	1824.1	1929.6
2720.8	55°	2424.4	2165.5	1906.6	1948.2	1989.7	2093.9	2198.1
3020.7	57.5°	2685.0	2423.6	2162.1	2245.5	2328.8	2385.5	2442.3
3413.3	60°	3053.9	2806.5	2559.1	2662.6	2766.1	2678.0	2589.9
3768.3	62.5°	3426.3	3199.6	2973.0	2984.7	2996.4	2755.6	2514.9
3813.8	65°	3482.2	3194.2	2906.2	2861.5	2816.8	2590.8	2364.9
3568.8	67.5°	3235.8	2935.7	2635.6	2614.7	2593.7	2378.8	2163.9
3232.0	70°	2945.4	2677.0	2408.7	2399.3	2389.9	2156.2	1922.5
2819.2	72.5°	2604.5	2394.6	2184.6	2177.9	2171.1	1902.9	1634.7
2353.5	75°	2202.4	2039.1	1875.7	1850.8	1825.9	1548.3	1270.7
1853.0	77.5°	1745.9	1621.7	1497.5	1461.8	1426.2	1167.0	907.9
1362.7	80°	1306.4	1212.7	1118.9	1074.5	1030.2	812.2	594.2
895.2	82.5°	871.7	807.1	742.6	693.0	643.5	494.4	345.4
513.8	85°	500.5	447.5	394.4	352.3	310.2	231.1	152.0
201.4	87.5°	200.3	173.7	147.2	123.7	100.2	73.6	47.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)