

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: P945514

Luminaire Tested: **GALN-SB1B-940-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P945514  
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-SB1B-940-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 90 CRI, 4000K, 450mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

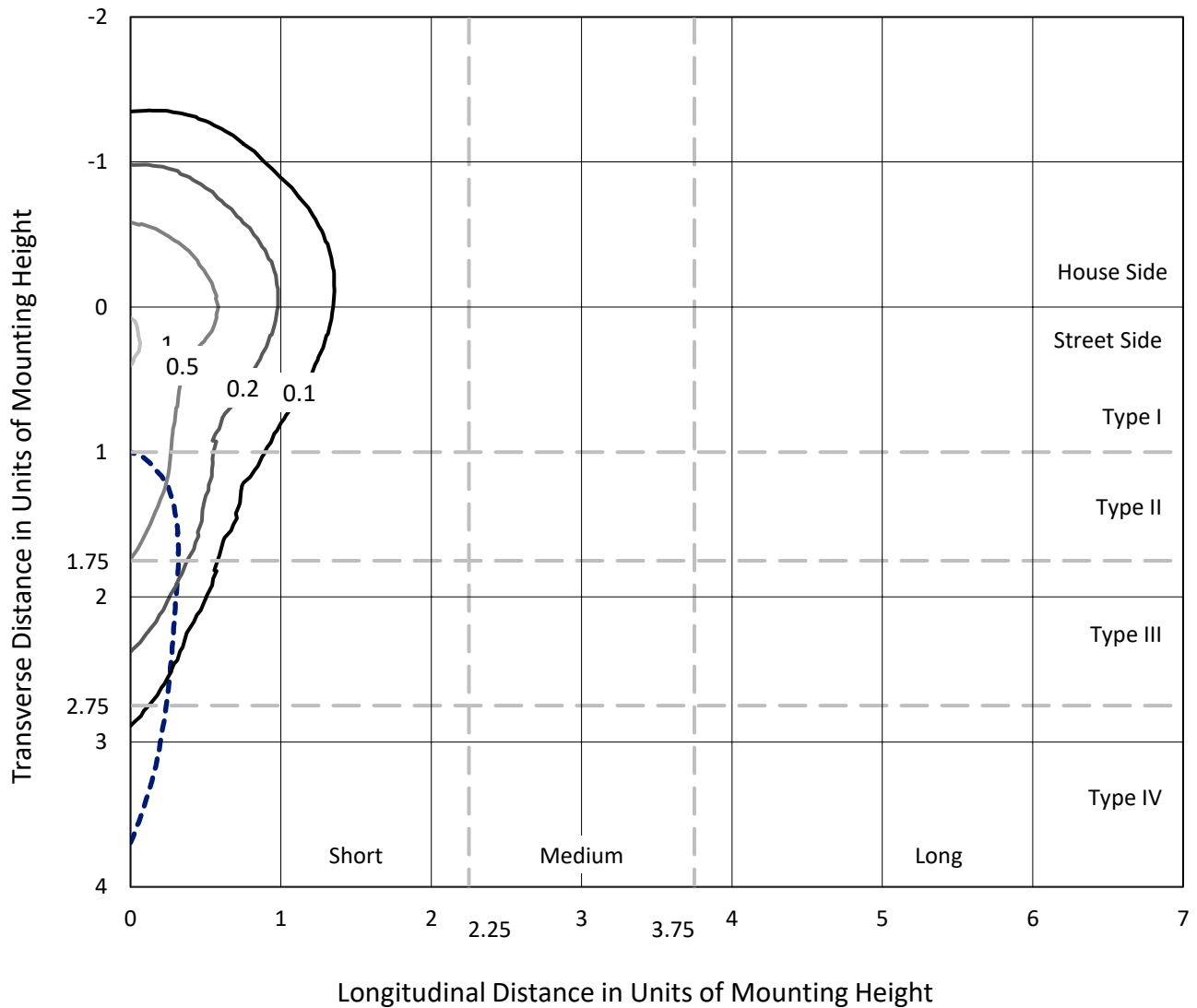
Lumens per Lamp: N/A  
Luminaire Lumens: 4067 lumens  
Efficiency: N/A  
Efficacy: 102.2 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2  
  
Input Watts (W): 39.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

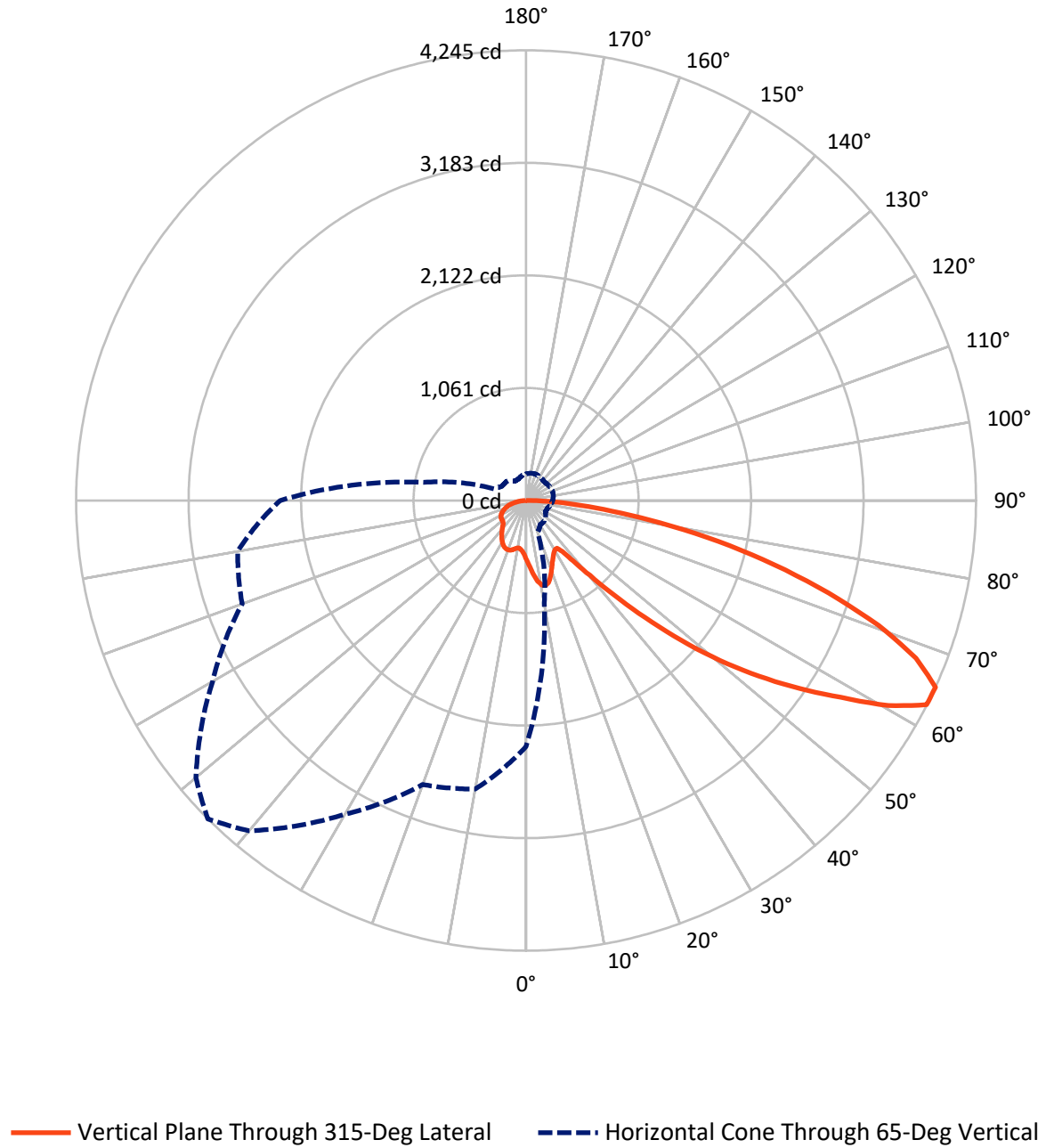
× Max cd  
 - - - 1/2 Max cd



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	1033.6	0.0	1033.6
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	3033.4	0.0	3033.4
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	4067.0	0.0	4067.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	55.5	1.4
10°-20°	174.2	4.3
20°-30°	269.0	6.6
30°-40°	340.9	8.4
40°-50°	514.2	12.6
50°-60°	830.7	20.4
60°-70°	1035.6	25.5
70°-80°	679.1	16.7
80°-90°	167.9	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°	4067.0	100.0
0°-180°	4067.0	100.0

**Coefficient of Utilization**



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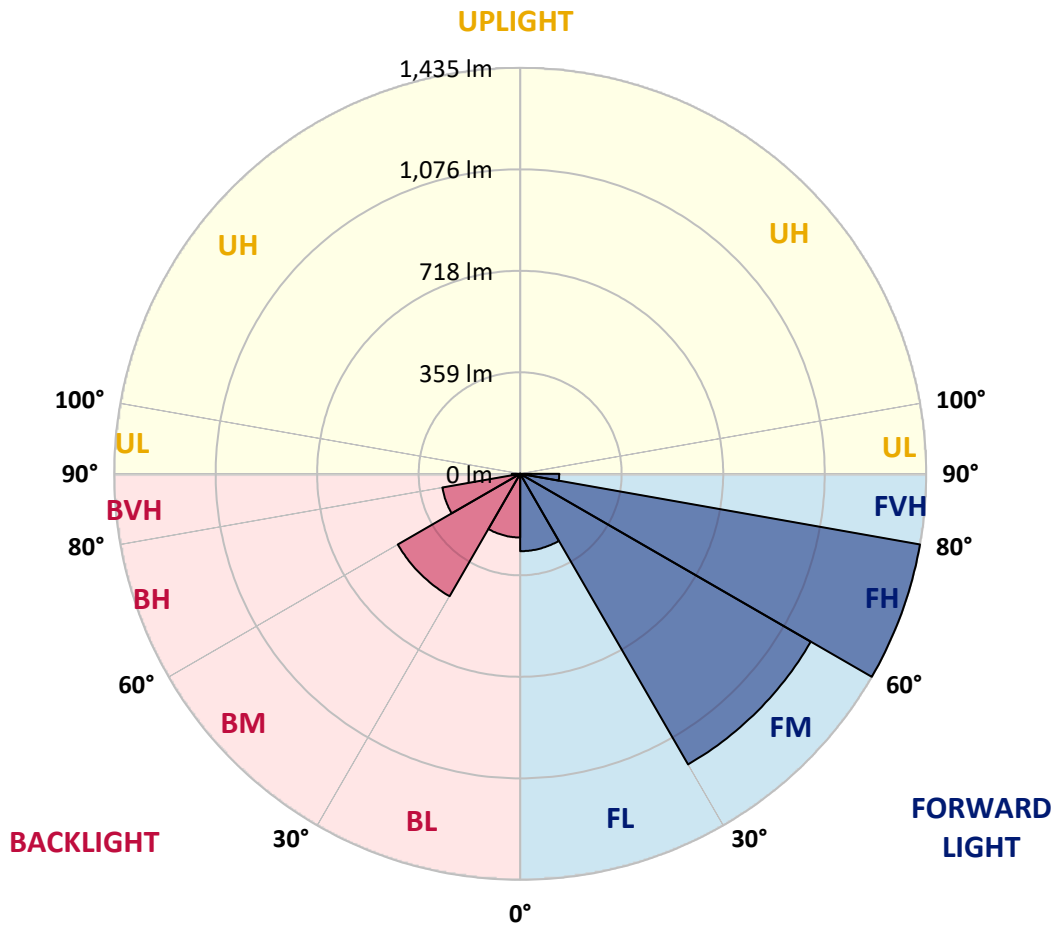
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	273.6	6.7			
FM (30°-60°)	1186.3	29.2			
FH (60°-80°)	1435.3	35.3			G1/1800
FVH (80°-90°)	138.3	3.4			G2/225
BL (0°-30°)	225.1	5.5	B1/500		
BM (30°-60°)	499.5	12.3	B1/1000		
BH (60°-80°)	279.4	6.9	B1/500		G1/500
BVH (80°-90°)	29.6	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°	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2
2.5°	601.4	596.8	592.2	587.3	582.4	577.4	572.5	567.8	563.1	558.5
5°	646.7	636.5	626.3	616.1	606.0	595.8	585.5	576.0	566.4	557.4
7.5°	692.2	675.4	658.6	643.0	627.5	612.4	597.2	583.9	570.6	558.3
10°	727.1	705.8	684.5	664.0	643.5	625.1	606.7	591.0	575.2	560.0
12.5°	748.4	725.0	701.7	678.4	655.2	633.5	611.8	594.0	576.2	560.2
15°	761.4	737.0	712.7	687.4	662.2	637.3	612.3	591.7	571.0	553.3
17.5°	768.7	744.0	719.3	691.8	664.2	635.3	606.3	581.5	556.6	535.9
20°	776.7	751.1	725.4	695.1	664.9	629.8	594.7	563.9	533.1	508.9
22.5°	786.1	759.9	733.6	699.7	665.7	623.0	580.3	543.3	506.2	478.7
25°	798.1	772.4	746.7	707.9	669.1	616.4	563.6	520.2	476.8	448.6
27.5°	814.4	789.9	765.4	720.8	676.2	611.9	547.7	499.2	450.7	425.0
30°	836.4	812.7	789.0	737.5	685.9	609.9	533.8	481.6	429.4	407.8
32.5°	862.4	838.9	815.5	754.9	694.3	607.3	520.2	466.4	412.6	395.2
35°	893.9	871.5	849.0	774.7	700.4	602.4	504.5	451.5	398.5	384.0
37.5°	947.0	918.4	889.8	796.9	704.1	594.1	484.2	433.9	383.7	371.0
40°	1027.3	985.6	943.9	825.1	706.4	582.7	459.0	413.0	367.0	355.5
42.5°	1133.7	1073.5	1013.3	862.0	710.7	570.9	431.1	389.9	348.7	338.1
45°	1265.2	1183.9	1102.7	910.5	718.4	559.9	401.5	365.3	329.2	318.5
47.5°	1429.6	1315.2	1200.9	962.3	723.6	550.9	378.1	345.9	313.7	299.9
50°	1645.0	1472.7	1300.3	1010.3	720.2	541.0	361.8	333.0	304.3	286.1
52.5°	1892.3	1638.0	1383.7	1041.4	699.1	524.3	349.6	324.5	299.5	278.6
55°	2155.7	1784.7	1413.7	1034.5	655.4	496.7	338.0	318.4	298.8	279.3
57.5°	2395.2	1888.6	1382.0	986.2	590.5	457.7	324.9	311.1	297.2	280.1
60°	2539.9	1914.5	1289.1	896.3	503.4	407.1	310.8	299.9	289.0	277.7
62.5°	2466.4	1805.2	1144.0	774.7	405.3	346.5	287.7	280.5	273.3	271.9
65°	2319.3	1650.5	981.7	650.6	319.5	292.0	264.6	261.2	257.8	257.9
67.5°	2122.2	1466.4	810.6	529.0	247.5	239.7	231.9	233.8	235.7	235.2
70°	1885.4	1265.5	645.6	416.5	187.5	189.7	191.9	200.7	209.6	209.6
72.5°	1603.2	1047.7	492.3	318.4	144.6	151.3	158.1	170.6	183.1	185.2
75°	1246.2	798.1	350.0	231.1	112.3	118.4	124.5	138.5	152.5	162.2
77.5°	890.4	558.6	226.8	156.6	86.4	90.6	94.7	108.4	122.0	138.0
80°	582.7	359.9	137.0	100.9	64.8	66.5	68.2	79.8	91.3	110.4
82.5°	338.7	208.3	77.9	62.1	46.3	46.6	47.0	55.5	64.0	80.3
85°	149.0	93.7	38.4	33.2	28.0	27.9	27.7	33.9	40.1	52.3
87.5°	46.1	30.7	15.2	13.8	12.3	12.1	12.0	14.5	17.1	22.1
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°
559.2	0°	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2
553.4	2.5°	549.3	545.2	541.5	537.8	534.5	531.3	528.0	524.8	522.3	519.8
548.5	5°	540.7	533.0	526.4	519.9	514.2	508.4	503.2	498.0	494.0	489.9
546.8	7.5°	536.4	526.1	517.5	508.9	501.7	494.4	488.0	481.7	476.9	472.1
547.6	10°	536.7	525.8	517.2	508.6	500.9	493.0	485.9	478.7	473.0	467.2
548.7	12.5°	539.8	530.9	525.2	519.5	513.4	507.3	499.8	492.4	485.1	477.8
544.1	15°	539.8	535.6	536.4	537.1	535.6	534.0	527.5	521.0	510.7	500.3
530.2	17.5°	531.7	533.3	542.6	552.0	557.0	561.9	556.7	551.5	537.8	524.0
507.4	20°	514.7	522.0	538.3	554.5	564.9	575.3	572.9	570.5	554.8	539.1
481.6	22.5°	492.4	503.2	521.7	540.3	553.9	567.4	568.9	570.3	555.3	540.3
456.6	25°	469.0	481.5	498.1	514.8	528.2	541.5	546.5	551.4	539.1	526.8
434.7	27.5°	446.7	458.7	472.4	486.1	496.8	507.5	513.0	518.6	509.8	501.0
415.4	30°	425.0	434.5	445.9	457.3	466.1	475.0	479.5	484.0	477.4	470.7
398.6	32.5°	404.2	409.8	418.9	428.0	436.5	445.0	450.0	455.1	448.9	442.8
382.6	35°	384.2	385.7	392.7	399.6	408.0	416.4	422.4	428.4	424.1	419.7
365.9	37.5°	364.2	362.5	367.5	372.4	380.8	389.2	396.7	404.1	402.1	400.1
347.7	40°	343.8	339.9	343.5	347.1	355.2	363.3	371.8	380.4	380.9	381.3
328.2	42.5°	323.1	317.9	320.8	323.8	331.5	339.2	348.4	357.6	360.1	362.6
308.9	45°	303.9	298.9	301.3	303.8	311.1	318.4	328.0	337.6	341.1	344.6
291.7	47.5°	287.5	283.3	285.6	287.9	295.0	302.2	311.6	321.0	325.1	329.2
276.5	50°	272.8	269.1	272.7	276.3	283.0	289.8	298.2	306.7	311.9	317.1
265.2	52.5°	261.5	257.8	263.3	268.7	274.9	281.0	288.9	296.8	303.0	309.2
259.2	55°	253.4	247.5	255.2	262.9	269.6	276.2	283.1	290.0	296.6	303.2
255.6	57.5°	247.1	238.6	246.9	255.2	263.0	270.8	277.6	284.5	291.1	297.7
252.2	60°	241.2	230.2	237.4	244.7	253.7	262.6	269.6	276.5	283.2	289.8
248.2	62.5°	234.5	220.7	225.3	229.9	240.4	250.9	258.3	265.7	271.8	277.9
239.9	65°	225.3	210.6	212.4	214.2	225.4	236.6	243.7	250.8	256.1	261.5
225.1	67.5°	212.9	200.7	200.1	199.6	209.9	220.3	227.0	233.7	238.3	243.0
206.2	70°	197.6	188.9	187.0	185.0	194.1	203.2	209.0	214.8	219.0	223.2
185.2	72.5°	179.3	173.4	170.5	167.7	174.9	182.0	187.3	192.5	196.6	200.7
161.4	75°	156.9	152.3	149.6	146.8	152.2	157.5	162.2	167.0	170.7	174.4
137.6	77.5°	133.9	130.2	127.5	124.7	129.1	133.4	137.5	141.5	145.5	149.4
110.3	80°	107.3	104.2	101.9	99.6	103.2	106.8	110.2	113.6	116.6	119.6
81.2	82.5°	79.7	78.2	76.5	74.9	74.6	74.3	73.1	71.9	78.2	84.6
53.4	85°	51.8	50.2	48.4	46.6	45.0	43.5	40.1	36.8	42.7	48.7
23.6	87.5°	23.0	22.3	22.0	21.6	21.6	21.5	19.0	16.4	18.9	21.4
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°
559.2	0°	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2
517.7	2.5°	515.7	514.1	512.5	511.0	509.6	507.7	509.6	511.0	512.5	514.1
487.1	5°	484.3	482.3	480.3	478.8	477.3	475.8	477.3	478.8	480.3	482.3
468.8	7.5°	465.4	463.1	460.9	459.5	458.1	457.1	458.1	459.5	460.9	463.1
463.5	10°	459.7	457.5	455.4	454.2	453.1	452.6	453.1	454.2	455.4	457.5
473.0	12.5°	468.1	465.7	463.3	462.3	461.3	461.2	461.3	462.3	463.3	465.7
492.9	15°	485.6	482.2	478.9	477.6	476.3	476.2	476.3	477.6	478.9	482.2
513.2	17.5°	502.4	497.4	492.4	490.8	489.1	488.9	489.1	490.8	492.4	497.4
525.8	20°	512.6	506.2	499.8	497.8	495.7	495.1	495.7	497.8	499.8	506.2
526.6	22.5°	512.9	506.2	499.5	497.2	495.0	494.0	495.0	497.2	499.5	506.2
514.7	25°	502.6	496.7	490.9	488.8	486.7	485.4	486.7	488.8	490.9	496.7
491.6	27.5°	482.2	478.3	474.4	473.4	472.4	472.1	472.4	473.4	474.4	478.3
463.9	30°	457.1	455.1	453.1	453.1	453.1	453.4	453.1	453.1	453.1	455.1
437.4	32.5°	432.0	430.7	429.4	429.5	429.7	430.1	429.7	429.5	429.4	430.7
414.7	35°	409.8	407.8	405.8	405.4	405.0	404.7	405.0	405.4	405.8	407.8
395.5	37.5°	390.9	387.3	383.7	381.8	379.8	378.8	379.8	381.8	383.7	387.3
377.5	40°	373.6	368.3	363.1	359.5	356.0	353.9	356.0	359.5	363.1	368.3
359.3	42.5°	356.0	349.5	342.9	337.8	332.6	329.2	332.6	337.8	342.9	349.5
341.7	45°	338.7	331.3	323.8	317.7	311.6	307.7	311.6	317.7	323.8	331.3
327.1	47.5°	325.1	318.4	311.8	306.1	300.5	296.8	300.5	306.1	311.8	318.4
317.0	50°	316.9	311.6	306.3	301.1	295.9	292.3	295.9	301.1	306.3	311.6
310.3	52.5°	311.4	307.1	302.8	298.1	293.5	290.1	293.5	298.1	302.8	307.1
304.7	55°	306.3	302.5	298.7	294.6	290.6	287.6	290.6	294.6	298.7	302.5
299.3	57.5°	300.8	297.0	293.2	289.2	285.1	282.0	285.1	289.2	293.2	297.0
291.5	60°	293.3	289.5	285.8	281.6	277.5	274.3	277.5	281.6	285.8	289.5
279.5	62.5°	281.2	277.8	274.4	270.1	265.7	261.8	265.7	270.1	274.4	277.8
263.2	65°	264.9	261.6	258.4	254.1	249.9	246.6	249.9	254.1	258.4	261.6
244.6	67.5°	246.3	243.3	240.3	236.4	232.4	229.4	232.4	236.4	240.3	243.3
224.8	70°	226.4	223.9	221.5	217.7	214.0	210.5	214.0	217.7	221.5	223.9
202.6	72.5°	204.5	202.5	200.4	196.8	193.2	189.9	193.2	196.8	200.4	202.5
176.4	75°	178.4	177.4	176.4	173.4	170.3	167.2	170.3	173.4	176.4	177.4
151.2	77.5°	153.1	151.7	150.3	147.2	144.2	141.6	144.2	147.2	150.3	151.7
122.0	80°	124.5	123.9	123.3	119.2	115.1	110.3	115.1	119.2	123.3	123.9
88.8	82.5°	92.9	92.7	92.4	88.9	85.5	82.4	85.5	88.9	92.4	92.7
53.9	85°	59.0	58.6	58.2	55.5	52.7	50.0	52.7	55.5	58.2	58.6
23.5	87.5°	25.6	25.1	24.5	23.1	21.7	20.4	21.7	23.1	24.5	25.1
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):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
559.2	0°	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2
515.7	2.5°	517.7	519.8	522.3	524.8	528.0	531.3	534.5	537.8	541.5	545.2
484.3	5°	487.1	489.9	494.0	498.0	503.2	508.4	514.2	519.9	526.4	533.0
465.4	7.5°	468.8	472.1	476.9	481.7	488.0	494.4	501.7	508.9	517.5	526.1
459.7	10°	463.5	467.2	473.0	478.7	485.9	493.0	500.9	508.6	517.2	525.8
468.1	12.5°	473.0	477.8	485.1	492.4	499.8	507.3	513.4	519.5	525.2	530.9
485.6	15°	492.9	500.3	510.7	521.0	527.5	534.0	535.6	537.1	536.4	535.6
502.4	17.5°	513.2	524.0	537.8	551.5	556.7	561.9	557.0	552.0	542.6	533.3
512.6	20°	525.8	539.1	554.8	570.5	572.9	575.3	564.9	554.5	538.3	522.0
512.9	22.5°	526.6	540.3	555.3	570.3	568.9	567.4	553.9	540.3	521.7	503.2
502.6	25°	514.7	526.8	539.1	551.4	546.5	541.5	528.2	514.8	498.1	481.5
482.2	27.5°	491.6	501.0	509.8	518.6	513.0	507.5	496.8	486.1	472.4	458.7
457.1	30°	463.9	470.7	477.4	484.0	479.5	475.0	466.1	457.3	445.9	434.5
432.0	32.5°	437.4	442.8	448.9	455.1	450.0	445.0	436.5	428.0	418.9	409.8
409.8	35°	414.7	419.7	424.1	428.4	422.4	416.4	408.0	399.6	392.7	385.7
390.9	37.5°	395.5	400.1	402.1	404.1	396.7	389.2	380.8	372.4	367.5	362.5
373.6	40°	377.5	381.3	380.9	380.4	371.8	363.3	355.2	347.1	343.5	339.9
356.0	42.5°	359.3	362.6	360.1	357.6	348.4	339.2	331.5	323.8	320.8	317.9
338.7	45°	341.7	344.6	341.1	337.6	328.0	318.4	311.1	303.8	301.3	298.9
325.1	47.5°	327.1	329.2	325.1	321.0	311.6	302.2	295.0	287.9	285.6	283.3
316.9	50°	317.0	317.1	311.9	306.7	298.2	289.8	283.0	276.3	272.7	269.1
311.4	52.5°	310.3	309.2	303.0	296.8	288.9	281.0	274.9	268.7	263.3	257.8
306.3	55°	304.7	303.2	296.6	290.0	283.1	276.2	269.6	262.9	255.2	247.5
300.8	57.5°	299.3	297.7	291.1	284.5	277.6	270.8	263.0	255.2	246.9	238.6
293.3	60°	291.5	289.8	283.2	276.5	269.6	262.6	253.7	244.7	237.4	230.2
281.2	62.5°	279.5	277.9	271.8	265.7	258.3	250.9	240.4	229.9	225.3	220.7
264.9	65°	263.2	261.5	256.1	250.8	243.7	236.6	225.4	214.2	212.4	210.6
246.3	67.5°	244.6	243.0	238.3	233.7	227.0	220.3	209.9	199.6	200.1	200.7
226.4	70°	224.8	223.2	219.0	214.8	209.0	203.2	194.1	185.0	187.0	188.9
204.5	72.5°	202.6	200.7	196.6	192.5	187.3	182.0	174.9	167.7	170.5	173.4
178.4	75°	176.4	174.4	170.7	167.0	162.2	157.5	152.2	146.8	149.6	152.3
153.1	77.5°	151.2	149.4	145.5	141.5	137.5	133.4	129.1	124.7	127.5	130.2
124.5	80°	122.0	119.6	116.6	113.6	110.2	106.8	103.2	99.6	101.9	104.2
92.9	82.5°	88.8	84.6	78.2	71.9	73.1	74.3	74.6	74.9	76.5	78.2
59.0	85°	53.9	48.7	42.7	36.8	40.1	43.5	45.0	46.6	48.4	50.2
25.6	87.5°	23.5	21.4	18.9	16.4	19.0	21.5	21.6	21.6	22.0	22.3
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
559.2	0°	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2
549.3	2.5°	553.4	558.5	563.1	567.8	572.5	577.4	582.4	587.3	592.2	596.8
540.7	5°	548.5	557.4	566.4	576.0	585.5	595.8	606.0	616.1	626.3	636.5
536.4	7.5°	546.8	558.3	570.6	583.9	597.2	612.4	627.5	643.0	658.6	675.4
536.7	10°	547.6	560.0	575.2	591.0	606.7	625.1	643.5	664.0	684.5	705.8
539.8	12.5°	548.7	560.2	576.2	594.0	611.8	633.5	655.2	678.4	701.7	725.0
539.8	15°	544.1	553.3	571.0	591.7	612.3	637.3	662.2	687.4	712.7	737.0
531.7	17.5°	530.2	535.9	556.6	581.5	606.3	635.3	664.2	691.8	719.3	744.0
514.7	20°	507.4	508.9	533.1	563.9	594.7	629.8	664.9	695.1	725.4	751.1
492.4	22.5°	481.6	478.7	506.2	543.3	580.3	623.0	665.7	699.7	733.6	759.9
469.0	25°	456.6	448.6	476.8	520.2	563.6	616.4	669.1	707.9	746.7	772.4
446.7	27.5°	434.7	425.0	450.7	499.2	547.7	611.9	676.2	720.8	765.4	789.9
425.0	30°	415.4	407.8	429.4	481.6	533.8	609.9	685.9	737.5	789.0	812.7
404.2	32.5°	398.6	395.2	412.6	466.4	520.2	607.3	694.3	754.9	815.5	838.9
384.2	35°	382.6	384.0	398.5	451.5	504.5	602.4	700.4	774.7	849.0	871.5
364.2	37.5°	365.9	371.0	383.7	433.9	484.2	594.1	704.1	796.9	889.8	918.4
343.8	40°	347.7	355.5	367.0	413.0	459.0	582.7	706.4	825.1	943.9	985.6
323.1	42.5°	328.2	338.1	348.7	389.9	431.1	570.9	710.7	862.0	1013.3	1073.5
303.9	45°	308.9	318.5	329.2	365.3	401.5	559.9	718.4	910.5	1102.7	1183.9
287.5	47.5°	291.7	299.9	313.7	345.9	378.1	550.9	723.6	962.3	1200.9	1315.2
272.8	50°	276.5	286.1	304.3	333.0	361.8	541.0	720.2	1010.3	1300.3	1472.7
261.5	52.5°	265.2	278.6	299.5	324.5	349.6	524.3	699.1	1041.4	1383.7	1638.0
253.4	55°	259.2	279.3	298.8	318.4	338.0	496.7	655.4	1034.5	1413.7	1784.7
247.1	57.5°	255.6	280.1	297.2	311.1	324.9	457.7	590.5	986.2	1382.0	1888.6
241.2	60°	252.2	277.7	289.0	299.9	310.8	407.1	503.4	896.3	1289.1	1914.5
234.5	62.5°	248.2	271.9	273.3	280.5	287.7	346.5	405.3	774.7	1144.0	1805.2
225.3	65°	239.9	257.9	257.8	261.2	264.6	292.0	319.5	650.6	981.7	1650.5
212.9	67.5°	225.1	235.2	235.7	233.8	231.9	239.7	247.5	529.0	810.6	1466.4
197.6	70°	206.2	209.6	209.6	200.7	191.9	189.7	187.5	416.5	645.6	1265.5
179.3	72.5°	185.2	185.2	183.1	170.6	158.1	151.3	144.6	318.4	492.3	1047.7
156.9	75°	161.4	162.2	152.5	138.5	124.5	118.4	112.3	231.1	350.0	798.1
133.9	77.5°	137.6	138.0	122.0	108.4	94.7	90.6	86.4	156.6	226.8	558.6
107.3	80°	110.3	110.4	91.3	79.8	68.2	66.5	64.8	100.9	137.0	359.9
79.7	82.5°	81.2	80.3	64.0	55.5	47.0	46.6	46.3	62.1	77.9	208.3
51.8	85°	53.4	52.3	40.1	33.9	27.7	27.9	28.0	33.2	38.4	93.7
23.0	87.5°	23.6	22.1	17.1	14.5	12.0	12.1	12.3	13.8	15.2	30.7
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°
559.2	0°	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2
601.4	2.5°	603.7	606.0	609.2	612.5	614.4	616.3	617.3	618.3	617.8	618.3
646.7	5°	654.7	662.6	670.5	678.5	682.7	687.0	689.6	692.3	694.2	692.3
692.2	7.5°	705.2	718.1	729.7	741.4	748.4	755.4	759.2	763.0	764.8	763.0
727.1	10°	742.4	757.7	771.4	785.0	793.3	801.6	805.3	808.9	810.3	808.9
748.4	12.5°	765.0	781.6	794.0	806.3	812.3	818.3	820.3	822.3	822.6	822.3
761.4	15°	775.7	790.0	797.8	805.6	805.8	806.0	803.8	801.7	799.2	801.7
768.7	17.5°	778.4	788.1	788.2	788.3	779.6	771.0	763.0	755.0	749.4	755.0
776.7	20°	780.1	783.5	773.3	763.1	743.9	724.7	710.8	696.8	688.2	696.8
786.1	22.5°	781.7	777.2	756.1	735.0	706.8	678.6	661.1	643.6	634.1	643.6
798.1	25°	784.1	770.2	738.1	706.1	671.8	637.5	619.2	600.8	591.9	600.8
814.4	27.5°	789.5	764.5	722.0	679.6	641.6	603.6	585.6	567.5	559.0	567.5
836.4	30°	799.2	762.0	709.8	657.5	617.9	578.3	561.6	544.8	536.9	544.8
862.4	32.5°	811.4	760.5	701.4	642.3	605.1	567.9	554.7	541.5	535.9	541.5
893.9	35°	831.6	769.3	707.7	646.1	620.2	594.4	591.3	588.3	587.8	588.3
947.0	37.5°	873.7	800.4	744.4	688.4	686.7	685.0	699.1	713.1	720.4	713.1
1027.3	40°	947.6	867.8	826.2	784.5	813.9	843.3	877.5	911.6	928.6	911.6
1133.7	42.5°	1054.6	975.5	951.5	927.5	991.7	1055.8	1117.9	1179.9	1216.4	1179.9
1265.2	45°	1194.1	1123.0	1112.5	1101.9	1204.6	1307.3	1409.3	1511.3	1573.2	1511.3
1429.6	47.5°	1360.4	1291.3	1289.1	1287.0	1435.2	1583.4	1732.7	1881.9	1969.6	1881.9
1645.0	50°	1559.6	1474.3	1474.6	1475.0	1666.0	1857.0	2054.0	2251.1	2370.3	2251.1
1892.3	52.5°	1788.9	1685.6	1675.1	1664.7	1892.8	2120.9	2364.8	2608.6	2751.4	2608.6
2155.7	55°	2053.5	1951.4	1910.6	1869.9	2123.8	2377.7	2668.3	2959.0	3128.9	2959.0
2395.2	57.5°	2339.5	2283.9	2202.1	2120.4	2376.8	2633.2	2962.4	3291.6	3502.3	3291.6
2539.9	60°	2626.3	2712.7	2611.2	2509.7	2752.3	2995.0	3347.5	3700.0	3927.6	3700.0
2466.4	62.5°	2702.5	2938.6	2927.1	2915.7	3137.9	3360.2	3695.6	4030.9	4241.4	4030.9
2319.3	65°	2540.9	2762.4	2806.3	2850.1	3132.6	3415.0	3740.2	4065.4	4244.6	4065.4
2122.2	67.5°	2332.9	2543.7	2564.2	2584.7	2879.1	3173.3	3499.9	3826.5	3966.9	3826.5
1885.4	70°	2114.6	2343.8	2353.0	2362.2	2625.4	2888.6	3169.6	3450.7	3528.7	3450.7
1603.2	72.5°	1866.2	2129.3	2135.9	2142.5	2348.4	2554.3	2764.8	2975.3	2983.2	2975.3
1246.2	75°	1518.4	1790.7	1815.1	1839.6	1999.7	2159.9	2308.1	2456.3	2416.6	2456.3
890.4	77.5°	1144.5	1398.7	1433.6	1468.6	1590.4	1712.2	1817.3	1922.4	1854.1	1922.4
582.7	80°	796.6	1010.3	1053.8	1097.3	1189.3	1281.2	1336.4	1391.6	1281.8	1391.6
338.7	82.5°	484.9	631.1	679.7	728.2	791.6	854.9	877.9	900.9	814.6	900.9
149.0	85°	226.6	304.2	345.5	386.8	438.8	490.8	503.9	517.0	447.9	517.0
46.1	87.5°	72.2	98.3	121.3	144.4	170.4	196.4	197.5	198.6	166.7	198.6
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):**

325°		330°	335°	340°	345°	350°	355°	360°
559.2	0°	559.2	559.2	559.2	559.2	559.2	559.2	559.2
617.3	2.5°	616.3	614.4	612.5	609.2	606.0	603.7	601.4
689.6	5°	687.0	682.7	678.5	670.5	662.6	654.7	646.7
759.2	7.5°	755.4	748.4	741.4	729.7	718.1	705.2	692.2
805.3	10°	801.6	793.3	785.0	771.4	757.7	742.4	727.1
820.3	12.5°	818.3	812.3	806.3	794.0	781.6	765.0	748.4
803.8	15°	806.0	805.8	805.6	797.8	790.0	775.7	761.4
763.0	17.5°	771.0	779.6	788.3	788.2	788.1	778.4	768.7
710.8	20°	724.7	743.9	763.1	773.3	783.5	780.1	776.7
661.1	22.5°	678.6	706.8	735.0	756.1	777.2	781.7	786.1
619.2	25°	637.5	671.8	706.1	738.1	770.2	784.1	798.1
585.6	27.5°	603.6	641.6	679.6	722.0	764.5	789.5	814.4
561.6	30°	578.3	617.9	657.5	709.8	762.0	799.2	836.4
554.7	32.5°	567.9	605.1	642.3	701.4	760.5	811.4	862.4
591.3	35°	594.4	620.2	646.1	707.7	769.3	831.6	893.9
699.1	37.5°	685.0	686.7	688.4	744.4	800.4	873.7	947.0
877.5	40°	843.3	813.9	784.5	826.2	867.8	947.6	1027.3
1117.9	42.5°	1055.8	991.7	927.5	951.5	975.5	1054.6	1133.7
1409.3	45°	1307.3	1204.6	1101.9	1112.5	1123.0	1194.1	1265.2
1732.7	47.5°	1583.4	1435.2	1287.0	1289.1	1291.3	1360.4	1429.6
2054.0	50°	1857.0	1666.0	1475.0	1474.6	1474.3	1559.6	1645.0
2364.8	52.5°	2120.9	1892.8	1664.7	1675.1	1685.6	1788.9	1892.3
2668.3	55°	2377.7	2123.8	1869.9	1910.6	1951.4	2053.5	2155.7
2962.4	57.5°	2633.2	2376.8	2120.4	2202.1	2283.9	2339.5	2395.2
3347.5	60°	2995.0	2752.3	2509.7	2611.2	2712.7	2626.3	2539.9
3695.6	62.5°	3360.2	3137.9	2915.7	2927.1	2938.6	2702.5	2466.4
3740.2	65°	3415.0	3132.6	2850.1	2806.3	2762.4	2540.9	2319.3
3499.9	67.5°	3173.3	2879.1	2584.7	2564.2	2543.7	2332.9	2122.2
3169.6	70°	2888.6	2625.4	2362.2	2353.0	2343.8	2114.6	1885.4
2764.8	72.5°	2554.3	2348.4	2142.5	2135.9	2129.3	1866.2	1603.2
2308.1	75°	2159.9	1999.7	1839.6	1815.1	1790.7	1518.4	1246.2
1817.3	77.5°	1712.2	1590.4	1468.6	1433.6	1398.7	1144.5	890.4
1336.4	80°	1281.2	1189.3	1097.3	1053.8	1010.3	796.6	582.7
877.9	82.5°	854.9	791.6	728.2	679.7	631.1	484.9	338.7
503.9	85°	490.8	438.8	386.8	345.5	304.2	226.6	149.0
197.5	87.5°	196.4	170.4	144.4	121.3	98.3	72.2	46.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)