

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: P945451

Luminaire Tested: **GALN-SB1B-927-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P945451  
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-927-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 90 CRI, 2700K, 450mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

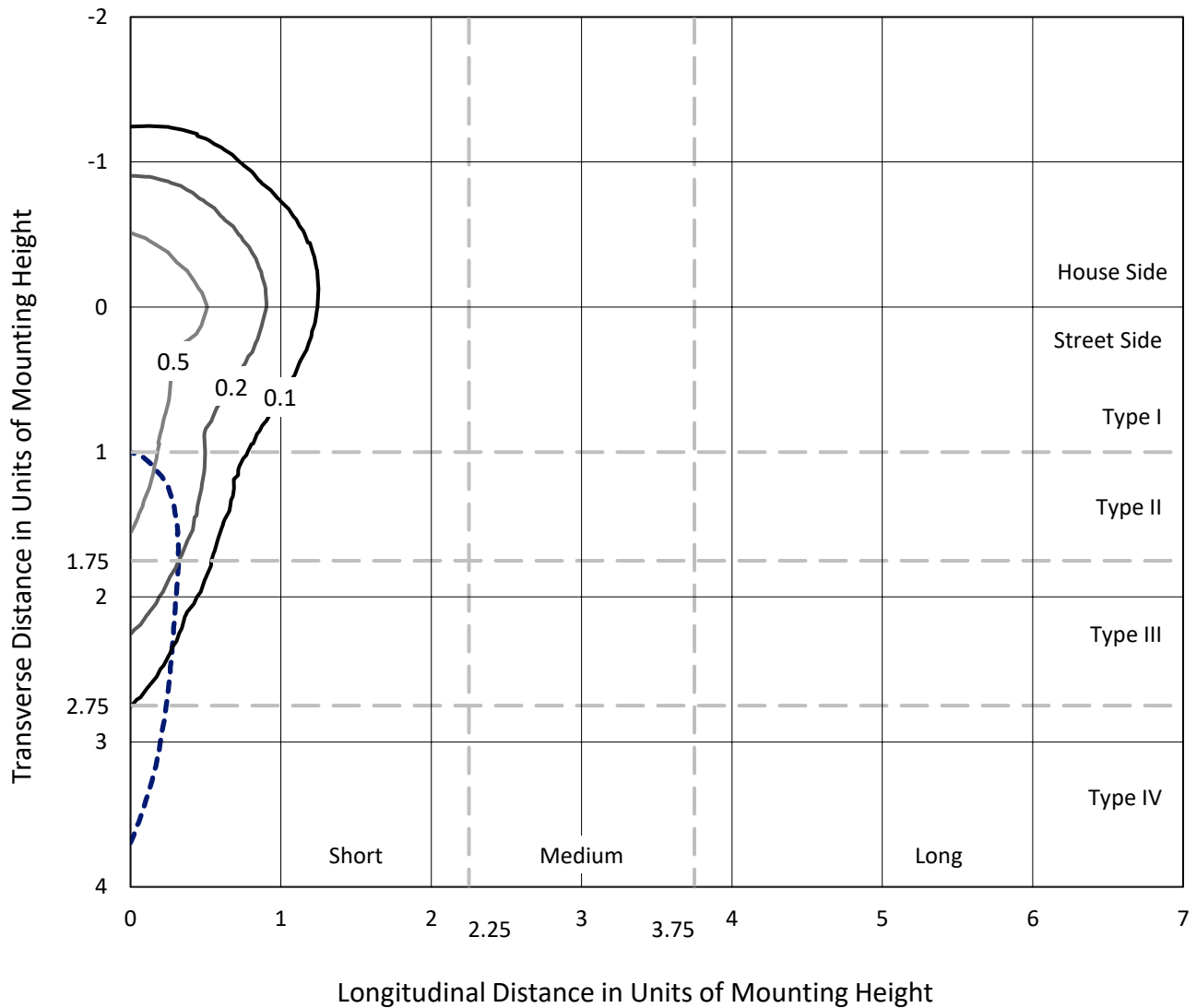
Lumens per Lamp: N/A  
Luminaire Lumens: 3416 lumens  
Efficiency: N/A  
Efficacy: 85.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2  
  
Input Watts (W): 39.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

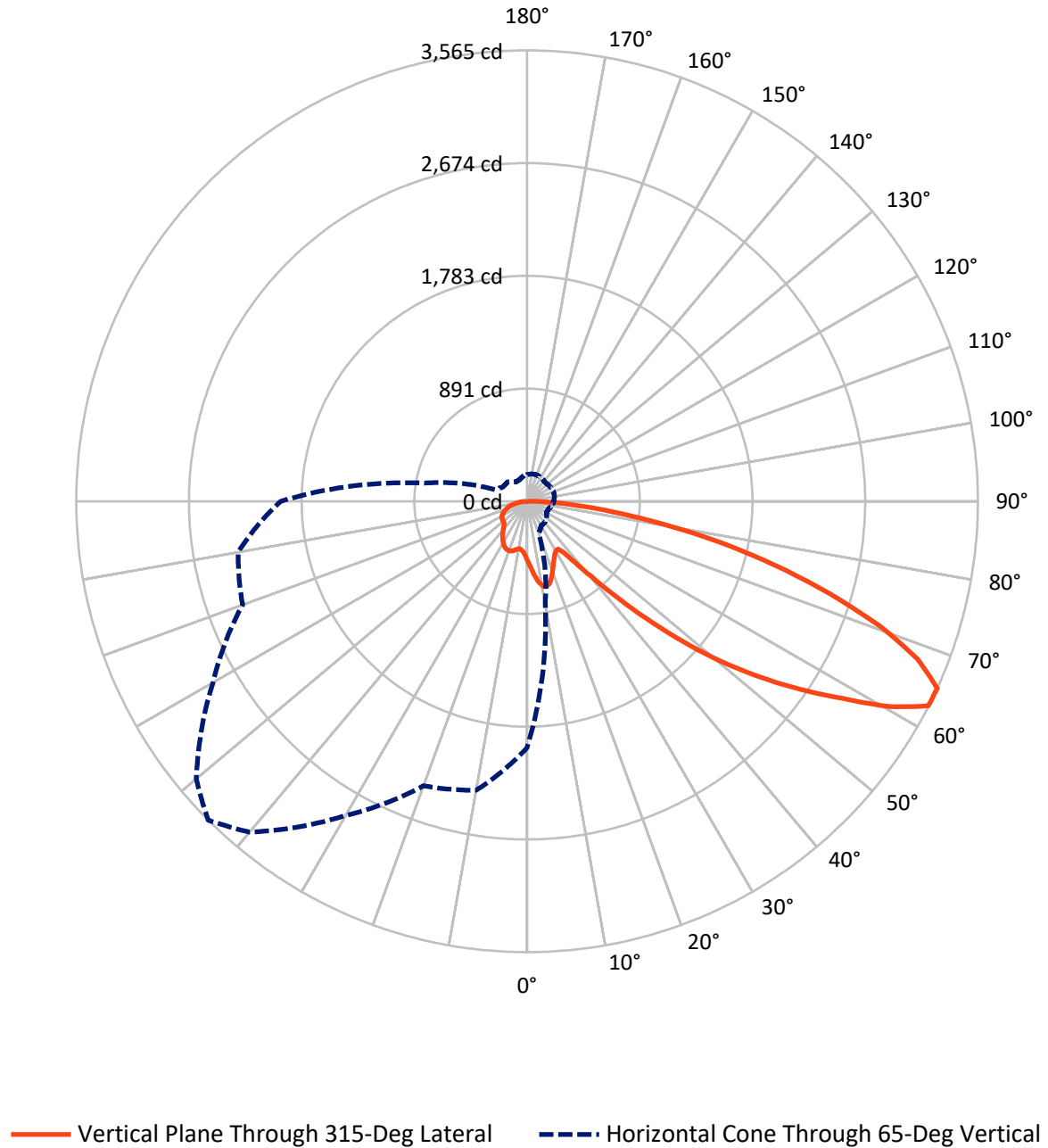
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.9 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	868.2	0.0	868.2
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	2547.8	0.0	2547.8
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	3416.0	0.0	3416.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	46.6	1.4
10°-20°	146.3	4.3
20°-30°	225.9	6.6
30°-40°	286.3	8.4
40°-50°	431.9	12.6
50°-60°	697.7	20.4
60°-70°	869.8	25.5
70°-80°	570.4	16.7
80°-90°	141.0	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°	3416.0	100.0
0°-180°	3416.0	100.0



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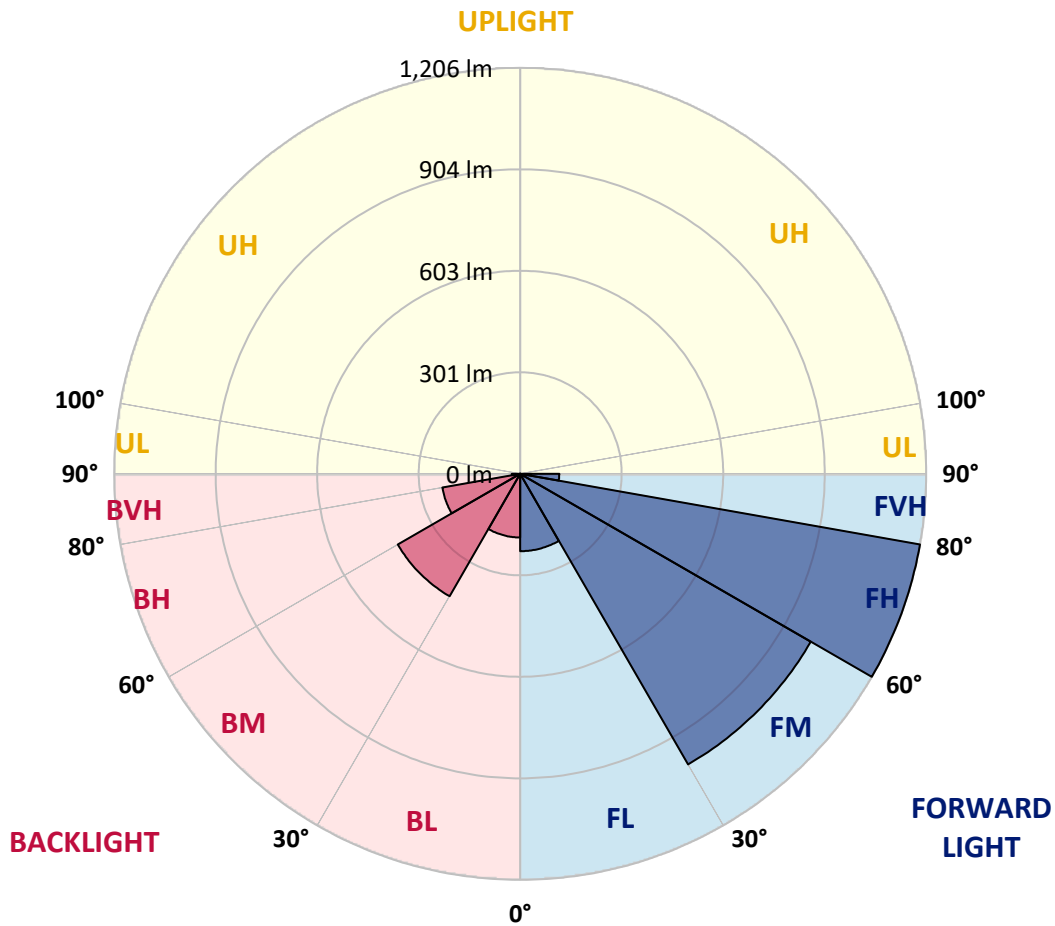
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	229.8	6.7			
FM (30°-60°)	996.4	29.2			
FH (60°-80°)	1205.5	35.3			G1/1800
FVH (80°-90°)	116.2	3.4			G2/225
BL (0°-30°)	189.1	5.5	B1/500		
BM (30°-60°)	419.6	12.3	B1/1000		
BH (60°-80°)	234.7	6.9	B1/500		G1/500
BVH (80°-90°)	24.8	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-G2**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	469.7	469.7	469.7	469.7	469.7	469.7	469.7	469.7	469.7	469.7
2.5°	505.1	501.3	497.4	493.3	489.2	485.0	480.9	476.9	472.9	469.1
5°	543.2	534.6	526.1	517.5	509.0	500.4	491.8	483.8	475.8	468.2
7.5°	581.4	567.3	553.1	540.1	527.0	514.3	501.6	490.4	479.2	468.9
10°	610.7	592.8	575.0	557.7	540.5	525.0	509.6	496.4	483.1	470.4
12.5°	628.6	609.0	589.4	569.8	550.3	532.1	513.9	498.9	483.9	470.5
15°	639.5	619.1	598.6	577.4	556.2	535.3	514.3	496.9	479.6	464.8
17.5°	645.7	624.9	604.2	581.0	557.9	533.6	509.2	488.4	467.5	450.1
20°	652.4	630.9	609.3	583.9	558.4	529.0	499.5	473.6	447.8	427.5
22.5°	660.3	638.2	616.2	587.7	559.2	523.3	487.4	456.3	425.2	402.0
25°	670.3	648.8	627.2	594.6	562.0	517.7	473.4	437.0	400.5	376.8
27.5°	684.0	663.5	642.9	605.4	568.0	514.0	460.0	419.3	378.6	357.0
30°	702.5	682.6	662.7	619.4	576.1	512.2	448.3	404.5	360.7	342.6
32.5°	724.3	704.6	684.9	634.0	583.1	510.1	437.0	391.8	346.5	331.9
35°	750.8	732.0	713.1	650.7	588.3	506.0	423.7	379.2	334.7	322.6
37.5°	795.4	771.4	747.3	669.4	591.4	499.0	406.7	364.5	322.3	311.7
40°	862.9	827.8	792.8	693.0	593.3	489.4	385.6	346.9	308.2	298.6
42.5°	952.3	901.7	851.1	724.0	596.9	479.5	362.1	327.5	292.9	284.0
45°	1062.7	994.4	926.2	764.8	603.4	470.3	337.2	306.9	276.5	267.5
47.5°	1200.7	1104.7	1008.7	808.2	607.8	462.7	317.6	290.5	263.5	251.9
50°	1381.7	1236.9	1092.2	848.5	604.9	454.4	303.9	279.7	255.6	240.3
52.5°	1589.4	1375.8	1162.2	874.7	587.2	440.4	293.6	272.6	251.5	234.0
55°	1810.6	1499.0	1187.4	868.9	550.5	417.2	283.9	267.4	250.9	234.6
57.5°	2011.8	1586.3	1160.8	828.4	496.0	384.4	272.9	261.3	249.6	235.2
60°	2133.3	1608.1	1082.8	752.8	422.8	341.9	261.0	251.9	242.8	233.2
62.5°	2071.6	1516.2	960.9	650.7	340.5	291.1	241.7	235.6	229.5	228.4
65°	1948.0	1386.3	824.5	546.4	268.4	245.3	222.2	219.4	216.5	216.7
67.5°	1782.5	1231.7	680.8	444.4	207.9	201.3	194.8	196.4	197.9	197.6
70°	1583.6	1062.9	542.3	349.9	157.4	159.3	161.2	168.6	176.0	176.0
72.5°	1346.6	880.0	413.5	267.5	121.5	127.1	132.8	143.3	153.8	155.6
75°	1046.7	670.3	294.0	194.1	94.3	99.4	104.5	116.3	128.1	136.3
77.5°	747.9	469.2	190.5	131.5	72.6	76.1	79.6	91.0	102.5	115.9
80°	489.5	302.3	115.1	84.8	54.4	55.9	57.3	67.0	76.7	92.7
82.5°	284.5	174.9	65.4	52.1	38.9	39.2	39.4	46.6	53.7	67.4
85°	125.2	78.7	32.2	27.9	23.5	23.4	23.3	28.5	33.7	43.9
87.5°	38.8	25.8	12.8	11.6	10.3	10.2	10.1	12.2	14.3	18.6
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°
469.7	0°	469.7	469.7	469.7	469.7	469.7	469.7	469.7	469.7	469.7	469.7
464.8	2.5°	461.4	457.9	454.8	451.7	449.0	446.3	443.5	440.8	438.7	436.6
460.7	5°	454.2	447.6	442.2	436.7	431.9	427.0	422.7	418.3	414.9	411.5
459.2	7.5°	450.6	441.9	434.7	427.5	421.4	415.3	409.9	404.6	400.5	396.5
460.0	10°	450.8	441.6	434.4	427.2	420.7	414.1	408.1	402.0	397.3	392.4
460.9	12.5°	453.4	445.9	441.1	436.3	431.2	426.1	419.8	413.6	407.5	401.3
457.0	15°	453.4	449.9	450.5	451.2	449.8	448.5	443.1	437.6	428.9	420.2
445.3	17.5°	446.6	447.9	455.8	463.6	467.8	472.0	467.6	463.2	451.7	440.1
426.2	20°	432.3	438.5	452.1	465.8	474.5	483.2	481.2	479.2	466.0	452.8
404.5	22.5°	413.6	422.6	438.2	453.8	465.2	476.6	477.8	479.0	466.4	453.8
383.5	25°	393.9	404.4	418.4	432.4	443.6	454.8	459.0	463.2	452.8	442.5
365.1	27.5°	375.2	385.3	396.8	408.3	417.3	426.3	430.9	435.6	428.2	420.8
348.9	30°	356.9	365.0	374.5	384.1	391.5	399.0	402.8	406.6	400.9	395.3
334.8	32.5°	339.5	344.2	351.9	359.5	366.6	373.8	378.0	382.2	377.1	371.9
321.4	35°	322.7	324.0	329.8	335.6	342.7	349.8	354.8	359.9	356.2	352.5
307.4	37.5°	305.9	304.5	308.7	312.8	319.9	326.9	333.2	339.4	337.7	336.0
292.0	40°	288.7	285.5	288.5	291.5	298.3	305.1	312.3	319.5	319.9	320.3
275.7	42.5°	271.4	267.0	269.5	272.0	278.4	284.9	292.6	300.4	302.5	304.5
259.5	45°	255.3	251.1	253.1	255.2	261.3	267.5	275.5	283.5	286.5	289.5
245.0	47.5°	241.5	237.9	239.9	241.8	247.8	253.8	261.7	269.7	273.1	276.5
232.3	50°	229.1	226.0	229.0	232.1	237.7	243.4	250.5	257.6	262.0	266.4
222.8	52.5°	219.7	216.6	221.1	225.7	230.9	236.0	242.7	249.3	254.5	259.7
217.7	55°	212.8	207.9	214.4	220.8	226.4	232.0	237.8	243.6	249.1	254.7
214.7	57.5°	207.5	200.4	207.4	214.3	220.9	227.4	233.2	238.9	244.5	250.0
211.8	60°	202.6	193.3	199.4	205.5	213.1	220.6	226.4	232.3	237.8	243.4
208.5	62.5°	196.9	185.4	189.3	193.1	201.9	210.7	216.9	223.1	228.3	233.4
201.5	65°	189.2	176.9	178.4	179.9	189.3	198.7	204.7	210.6	215.1	219.6
189.0	67.5°	178.8	168.6	168.1	167.6	176.3	185.0	190.7	196.3	200.2	204.1
173.2	70°	165.9	158.7	157.0	155.4	163.1	170.7	175.6	180.4	183.9	187.5
155.6	72.5°	150.6	145.6	143.2	140.9	146.9	152.9	157.3	161.7	165.1	168.6
135.6	75°	131.7	127.9	125.6	123.3	127.8	132.3	136.3	140.2	143.4	146.5
115.5	77.5°	112.5	109.4	107.1	104.8	108.4	112.0	115.4	118.9	122.2	125.5
92.7	80°	90.1	87.5	85.6	83.6	86.7	89.7	92.6	95.4	97.9	100.4
68.2	82.5°	66.9	65.6	64.3	62.9	62.7	62.4	61.4	60.4	65.7	71.1
44.9	85°	43.5	42.2	40.6	39.1	37.8	36.5	33.7	30.9	35.9	40.9
19.8	87.5°	19.3	18.7	18.5	18.2	18.1	18.1	15.9	13.8	15.9	18.0
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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
469.7	0°	469.7	469.7	469.7	469.7	469.7	469.7	469.7	469.7	469.7	469.7
434.9	2.5°	433.1	431.8	430.5	429.2	428.0	426.5	428.0	429.2	430.5	431.8
409.1	5°	406.8	405.1	403.4	402.2	400.9	399.6	400.9	402.2	403.4	405.1
393.7	7.5°	390.9	389.0	387.1	385.9	384.8	383.9	384.8	385.9	387.1	389.0
389.3	10°	386.1	384.3	382.5	381.5	380.5	380.1	380.5	381.5	382.5	384.3
397.3	12.5°	393.2	391.2	389.2	388.3	387.5	387.4	387.5	388.3	389.2	391.2
414.0	15°	407.9	405.0	402.2	401.1	400.1	400.0	400.1	401.1	402.2	405.0
431.0	17.5°	422.0	417.8	413.6	412.2	410.8	410.6	410.8	412.2	413.6	417.8
441.6	20°	430.5	425.2	419.8	418.1	416.4	415.8	416.4	418.1	419.8	425.2
442.3	22.5°	430.8	425.2	419.5	417.6	415.7	414.9	415.7	417.6	419.5	425.2
432.3	25°	422.1	417.2	412.3	410.5	408.8	407.7	408.8	410.5	412.3	417.2
412.9	27.5°	405.0	401.7	398.4	397.6	396.8	396.5	396.8	397.6	398.4	401.7
389.7	30°	384.0	382.3	380.6	380.6	380.6	380.9	380.6	380.6	380.6	382.3
367.4	32.5°	362.8	361.7	360.6	360.8	360.9	361.2	360.9	360.8	360.6	361.7
348.3	35°	344.2	342.5	340.9	340.5	340.1	339.9	340.1	340.5	340.9	342.5
332.2	37.5°	328.3	325.3	322.2	320.6	319.0	318.1	319.0	320.6	322.2	325.3
317.0	40°	313.8	309.3	304.9	302.0	299.0	297.2	299.0	302.0	304.9	309.3
301.8	42.5°	299.0	293.5	288.0	283.7	279.4	276.5	279.4	283.7	288.0	293.5
287.0	45°	284.5	278.2	272.0	266.9	261.8	258.5	261.8	266.9	272.0	278.2
274.8	47.5°	273.0	267.5	261.9	257.1	252.4	249.3	252.4	257.1	261.9	267.5
266.3	50°	266.2	261.7	257.3	252.9	248.5	245.5	248.5	252.9	257.3	261.7
260.6	52.5°	261.6	257.9	254.3	250.4	246.5	243.7	246.5	250.4	254.3	257.9
256.0	55°	257.3	254.1	250.9	247.5	244.1	241.5	244.1	247.5	250.9	254.1
251.4	57.5°	252.7	249.5	246.3	242.9	239.5	236.8	239.5	242.9	246.3	249.5
244.9	60°	246.3	243.2	240.1	236.6	233.1	230.4	233.1	236.6	240.1	243.2
234.8	62.5°	236.2	233.3	230.5	226.8	223.1	219.9	223.1	226.8	230.5	233.3
221.1	65°	222.5	219.7	217.0	213.5	209.9	207.1	209.9	213.5	217.0	219.7
205.5	67.5°	206.8	204.3	201.8	198.5	195.2	192.7	195.2	198.5	201.8	204.3
188.8	70°	190.1	188.1	186.1	182.9	179.7	176.8	179.7	182.9	186.1	188.1
170.2	72.5°	171.7	170.0	168.4	165.3	162.3	159.5	162.3	165.3	168.4	170.0
148.2	75°	149.8	149.0	148.2	145.6	143.1	140.4	143.1	145.6	148.2	149.0
127.0	77.5°	128.6	127.4	126.2	123.7	121.1	119.0	121.1	123.7	126.2	127.4
102.5	80°	104.5	104.0	103.6	100.1	96.6	92.6	96.6	100.1	103.6	104.0
74.6	82.5°	78.0	77.8	77.6	74.7	71.8	69.2	71.8	74.7	77.6	77.8
45.2	85°	49.6	49.2	48.8	46.6	44.3	42.0	44.3	46.6	48.8	49.2
19.7	87.5°	21.5	21.1	20.6	19.4	18.2	17.1	18.2	19.4	20.6	21.1
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°
469.7	0°	469.7	469.7	469.7	469.7	469.7	469.7	469.7	469.7	469.7	469.7
433.1	2.5°	434.9	436.6	438.7	440.8	443.5	446.3	449.0	451.7	454.8	457.9
406.8	5°	409.1	411.5	414.9	418.3	422.7	427.0	431.9	436.7	442.2	447.6
390.9	7.5°	393.7	396.5	400.5	404.6	409.9	415.3	421.4	427.5	434.7	441.9
386.1	10°	389.3	392.4	397.3	402.0	408.1	414.1	420.7	427.2	434.4	441.6
393.2	12.5°	397.3	401.3	407.5	413.6	419.8	426.1	431.2	436.3	441.1	445.9
407.9	15°	414.0	420.2	428.9	437.6	443.1	448.5	449.8	451.2	450.5	449.9
422.0	17.5°	431.0	440.1	451.7	463.2	467.6	472.0	467.8	463.6	455.8	447.9
430.5	20°	441.6	452.8	466.0	479.2	481.2	483.2	474.5	465.8	452.1	438.5
430.8	22.5°	442.3	453.8	466.4	479.0	477.8	476.6	465.2	453.8	438.2	422.6
422.1	25°	432.3	442.5	452.8	463.2	459.0	454.8	443.6	432.4	418.4	404.4
405.0	27.5°	412.9	420.8	428.2	435.6	430.9	426.3	417.3	408.3	396.8	385.3
384.0	30°	389.7	395.3	400.9	406.6	402.8	399.0	391.5	384.1	374.5	365.0
362.8	32.5°	367.4	371.9	377.1	382.2	378.0	373.8	366.6	359.5	351.9	344.2
344.2	35°	348.3	352.5	356.2	359.9	354.8	349.8	342.7	335.6	329.8	324.0
328.3	37.5°	332.2	336.0	337.7	339.4	333.2	326.9	319.9	312.8	308.7	304.5
313.8	40°	317.0	320.3	319.9	319.5	312.3	305.1	298.3	291.5	288.5	285.5
299.0	42.5°	301.8	304.5	302.5	300.4	292.6	284.9	278.4	272.0	269.5	267.0
284.5	45°	287.0	289.5	286.5	283.5	275.5	267.5	261.3	255.2	253.1	251.1
273.0	47.5°	274.8	276.5	273.1	269.7	261.7	253.8	247.8	241.8	239.9	237.9
266.2	50°	266.3	266.4	262.0	257.6	250.5	243.4	237.7	232.1	229.0	226.0
261.6	52.5°	260.6	259.7	254.5	249.3	242.7	236.0	230.9	225.7	221.1	216.6
257.3	55°	256.0	254.7	249.1	243.6	237.8	232.0	226.4	220.8	214.4	207.9
252.7	57.5°	251.4	250.0	244.5	238.9	233.2	227.4	220.9	214.3	207.4	200.4
246.3	60°	244.9	243.4	237.8	232.3	226.4	220.6	213.1	205.5	199.4	193.3
236.2	62.5°	234.8	233.4	228.3	223.1	216.9	210.7	201.9	193.1	189.3	185.4
222.5	65°	221.1	219.6	215.1	210.6	204.7	198.7	189.3	179.9	178.4	176.9
206.8	67.5°	205.5	204.1	200.2	196.3	190.7	185.0	176.3	167.6	168.1	168.6
190.1	70°	188.8	187.5	183.9	180.4	175.6	170.7	163.1	155.4	157.0	158.7
171.7	72.5°	170.2	168.6	165.1	161.7	157.3	152.9	146.9	140.9	143.2	145.6
149.8	75°	148.2	146.5	143.4	140.2	136.3	132.3	127.8	123.3	125.6	127.9
128.6	77.5°	127.0	125.5	122.2	118.9	115.4	112.0	108.4	104.8	107.1	109.4
104.5	80°	102.5	100.4	97.9	95.4	92.6	89.7	86.7	83.6	85.6	87.5
78.0	82.5°	74.6	71.1	65.7	60.4	61.4	62.4	62.7	62.9	64.3	65.6
49.6	85°	45.2	40.9	35.9	30.9	33.7	36.5	37.8	39.1	40.6	42.2
21.5	87.5°	19.7	18.0	15.9	13.8	15.9	18.1	18.1	18.2	18.5	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°
469.7	0°	469.7	469.7	469.7	469.7	469.7	469.7	469.7	469.7	469.7	469.7
461.4	2.5°	464.8	469.1	472.9	476.9	480.9	485.0	489.2	493.3	497.4	501.3
454.2	5°	460.7	468.2	475.8	483.8	491.8	500.4	509.0	517.5	526.1	534.6
450.6	7.5°	459.2	468.9	479.2	490.4	501.6	514.3	527.0	540.1	553.1	567.3
450.8	10°	460.0	470.4	483.1	496.4	509.6	525.0	540.5	557.7	575.0	592.8
453.4	12.5°	460.9	470.5	483.9	498.9	513.9	532.1	550.3	569.8	589.4	609.0
453.4	15°	457.0	464.8	479.6	496.9	514.3	535.3	556.2	577.4	598.6	619.1
446.6	17.5°	445.3	450.1	467.5	488.4	509.2	533.6	557.9	581.0	604.2	624.9
432.3	20°	426.2	427.5	447.8	473.6	499.5	529.0	558.4	583.9	609.3	630.9
413.6	22.5°	404.5	402.0	425.2	456.3	487.4	523.3	559.2	587.7	616.2	638.2
393.9	25°	383.5	376.8	400.5	437.0	473.4	517.7	562.0	594.6	627.2	648.8
375.2	27.5°	365.1	357.0	378.6	419.3	460.0	514.0	568.0	605.4	642.9	663.5
356.9	30°	348.9	342.6	360.7	404.5	448.3	512.2	576.1	619.4	662.7	682.6
339.5	32.5°	334.8	331.9	346.5	391.8	437.0	510.1	583.1	634.0	684.9	704.6
322.7	35°	321.4	322.6	334.7	379.2	423.7	506.0	588.3	650.7	713.1	732.0
305.9	37.5°	307.4	311.7	322.3	364.5	406.7	499.0	591.4	669.4	747.3	771.4
288.7	40°	292.0	298.6	308.2	346.9	385.6	489.4	593.3	693.0	792.8	827.8
271.4	42.5°	275.7	284.0	292.9	327.5	362.1	479.5	596.9	724.0	851.1	901.7
255.3	45°	259.5	267.5	276.5	306.9	337.2	470.3	603.4	764.8	926.2	994.4
241.5	47.5°	245.0	251.9	263.5	290.5	317.6	462.7	607.8	808.2	1008.7	1104.7
229.1	50°	232.3	240.3	255.6	279.7	303.9	454.4	604.9	848.5	1092.2	1236.9
219.7	52.5°	222.8	234.0	251.5	272.6	293.6	440.4	587.2	874.7	1162.2	1375.8
212.8	55°	217.7	234.6	250.9	267.4	283.9	417.2	550.5	868.9	1187.4	1499.0
207.5	57.5°	214.7	235.2	249.6	261.3	272.9	384.4	496.0	828.4	1160.8	1586.3
202.6	60°	211.8	233.2	242.8	251.9	261.0	341.9	422.8	752.8	1082.8	1608.1
196.9	62.5°	208.5	228.4	229.5	235.6	241.7	291.1	340.5	650.7	960.9	1516.2
189.2	65°	201.5	216.7	216.5	219.4	222.2	245.3	268.4	546.4	824.5	1386.3
178.8	67.5°	189.0	197.6	197.9	196.4	194.8	201.3	207.9	444.4	680.8	1231.7
165.9	70°	173.2	176.0	176.0	168.6	161.2	159.3	157.4	349.9	542.3	1062.9
150.6	72.5°	155.6	155.6	153.8	143.3	132.8	127.1	121.5	267.5	413.5	880.0
131.7	75°	135.6	136.3	128.1	116.3	104.5	99.4	94.3	194.1	294.0	670.3
112.5	77.5°	115.5	115.9	102.5	91.0	79.6	76.1	72.6	131.5	190.5	469.2
90.1	80°	92.7	92.7	76.7	67.0	57.3	55.9	54.4	84.8	115.1	302.3
66.9	82.5°	68.2	67.4	53.7	46.6	39.4	39.2	38.9	52.1	65.4	174.9
43.5	85°	44.9	43.9	33.7	28.5	23.3	23.4	23.5	27.9	32.2	78.7
19.3	87.5°	19.8	18.6	14.3	12.2	10.1	10.2	10.3	11.6	12.8	25.8
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):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
469.7	0°	469.7	469.7	469.7	469.7	469.7	469.7	469.7	469.7	469.7	469.7
505.1	2.5°	507.1	509.0	511.7	514.4	516.1	517.7	518.5	519.3	518.9	519.3
543.2	5°	549.9	556.6	563.2	569.9	573.5	577.1	579.2	581.4	583.1	581.4
581.4	7.5°	592.3	603.1	612.9	622.7	628.6	634.5	637.7	640.9	642.4	640.9
610.7	10°	623.6	636.4	647.9	659.4	666.3	673.3	676.4	679.4	680.6	679.4
628.6	12.5°	642.6	656.5	666.9	677.2	682.3	687.3	689.0	690.7	690.9	690.7
639.5	15°	651.6	663.6	670.1	676.6	676.8	677.0	675.2	673.4	671.2	673.4
645.7	17.5°	653.8	661.9	662.0	662.1	654.8	647.5	640.9	634.2	629.4	634.2
652.4	20°	655.2	658.1	649.5	641.0	624.9	608.7	597.0	585.3	578.1	585.3
660.3	22.5°	656.5	652.8	635.1	617.4	593.7	569.9	555.3	540.6	532.6	540.6
670.3	25°	658.6	646.9	620.0	593.1	564.3	535.5	520.1	504.7	497.1	504.7
684.0	27.5°	663.1	642.1	606.5	570.8	538.9	507.0	491.8	476.7	469.5	476.7
702.5	30°	671.3	640.1	596.2	552.2	519.0	485.8	471.7	457.6	451.0	457.6
724.3	32.5°	681.6	638.8	589.1	539.4	508.2	477.0	465.9	454.9	450.1	454.9
750.8	35°	698.5	646.2	594.4	542.6	520.9	499.3	496.7	494.1	493.7	494.1
795.4	37.5°	733.9	672.3	625.2	578.2	576.8	575.4	587.2	599.0	605.1	599.0
862.9	40°	795.9	728.9	693.9	659.0	683.6	708.3	737.0	765.7	779.9	765.7
952.3	42.5°	885.8	819.4	799.2	779.1	832.9	886.8	938.9	991.0	1021.7	991.0
1062.7	45°	1003.0	943.3	934.4	925.5	1011.8	1098.1	1183.7	1269.4	1321.4	1269.4
1200.7	47.5°	1142.7	1084.6	1082.8	1081.0	1205.5	1329.9	1455.3	1580.7	1654.3	1580.7
1381.7	50°	1310.0	1238.3	1238.6	1238.9	1399.3	1559.7	1725.3	1890.8	1990.9	1890.8
1589.4	52.5°	1502.6	1415.8	1407.0	1398.2	1589.8	1781.4	1986.2	2191.0	2311.0	2191.0
1810.6	55°	1724.8	1639.0	1604.8	1570.5	1783.8	1997.1	2241.2	2485.4	2628.0	2485.4
2011.8	57.5°	1965.0	1918.3	1849.6	1781.0	1996.4	2211.7	2488.2	2764.8	2941.7	2764.8
2133.3	60°	2205.9	2278.5	2193.2	2108.0	2311.8	2515.6	2811.6	3107.7	3298.9	3107.7
2071.6	62.5°	2269.9	2468.2	2458.6	2449.0	2635.6	2822.3	3104.0	3385.7	3562.4	3385.7
1948.0	65°	2134.2	2320.3	2357.1	2393.9	2631.1	2868.4	3141.5	3414.7	3565.1	3414.7
1782.5	67.5°	1959.5	2136.5	2153.8	2171.0	2418.2	2665.4	2939.7	3214.0	3331.9	3214.0
1583.6	70°	1776.1	1968.6	1976.4	1984.1	2205.2	2426.2	2662.3	2898.3	2963.8	2898.3
1346.6	72.5°	1567.5	1788.4	1794.0	1799.5	1972.5	2145.4	2322.2	2499.0	2505.6	2499.0
1046.7	75°	1275.4	1504.0	1524.6	1545.1	1679.7	1814.2	1938.7	2063.1	2029.8	2063.1
747.9	77.5°	961.3	1174.8	1204.2	1233.5	1335.8	1438.1	1526.4	1614.7	1557.4	1614.7
489.5	80°	669.0	848.6	885.1	921.7	998.9	1076.1	1122.5	1168.8	1076.6	1168.8
284.5	82.5°	407.3	530.1	570.9	611.7	664.8	718.0	737.4	756.7	684.2	756.7
125.2	85°	190.3	255.5	290.2	324.9	368.6	412.3	423.2	434.2	376.2	434.2
38.8	87.5°	60.7	82.6	101.9	121.3	143.1	165.0	165.9	166.8	140.1	166.8
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):**

325°		330°	335°	340°	345°	350°	355°	360°
469.7	0°	469.7	469.7	469.7	469.7	469.7	469.7	469.7
518.5	2.5°	517.7	516.1	514.4	511.7	509.0	507.1	505.1
579.2	5°	577.1	573.5	569.9	563.2	556.6	549.9	543.2
637.7	7.5°	634.5	628.6	622.7	612.9	603.1	592.3	581.4
676.4	10°	673.3	666.3	659.4	647.9	636.4	623.6	610.7
689.0	12.5°	687.3	682.3	677.2	666.9	656.5	642.6	628.6
675.2	15°	677.0	676.8	676.6	670.1	663.6	651.6	639.5
640.9	17.5°	647.5	654.8	662.1	662.0	661.9	653.8	645.7
597.0	20°	608.7	624.9	641.0	649.5	658.1	655.2	652.4
555.3	22.5°	569.9	593.7	617.4	635.1	652.8	656.5	660.3
520.1	25°	535.5	564.3	593.1	620.0	646.9	658.6	670.3
491.8	27.5°	507.0	538.9	570.8	606.5	642.1	663.1	684.0
471.7	30°	485.8	519.0	552.2	596.2	640.1	671.3	702.5
465.9	32.5°	477.0	508.2	539.4	589.1	638.8	681.6	724.3
496.7	35°	499.3	520.9	542.6	594.4	646.2	698.5	750.8
587.2	37.5°	575.4	576.8	578.2	625.2	672.3	733.9	795.4
737.0	40°	708.3	683.6	659.0	693.9	728.9	795.9	862.9
938.9	42.5°	886.8	832.9	779.1	799.2	819.4	885.8	952.3
1183.7	45°	1098.1	1011.8	925.5	934.4	943.3	1003.0	1062.7
1455.3	47.5°	1329.9	1205.5	1081.0	1082.8	1084.6	1142.7	1200.7
1725.3	50°	1559.7	1399.3	1238.9	1238.6	1238.3	1310.0	1381.7
1986.2	52.5°	1781.4	1589.8	1398.2	1407.0	1415.8	1502.6	1589.4
2241.2	55°	1997.1	1783.8	1570.5	1604.8	1639.0	1724.8	1810.6
2488.2	57.5°	2211.7	1996.4	1781.0	1849.6	1918.3	1965.0	2011.8
2811.6	60°	2515.6	2311.8	2108.0	2193.2	2278.5	2205.9	2133.3
3104.0	62.5°	2822.3	2635.6	2449.0	2458.6	2468.2	2269.9	2071.6
3141.5	65°	2868.4	2631.1	2393.9	2357.1	2320.3	2134.2	1948.0
2939.7	67.5°	2665.4	2418.2	2171.0	2153.8	2136.5	1959.5	1782.5
2662.3	70°	2426.2	2205.2	1984.1	1976.4	1968.6	1776.1	1583.6
2322.2	72.5°	2145.4	1972.5	1799.5	1794.0	1788.4	1567.5	1346.6
1938.7	75°	1814.2	1679.7	1545.1	1524.6	1504.0	1275.4	1046.7
1526.4	77.5°	1438.1	1335.8	1233.5	1204.2	1174.8	961.3	747.9
1122.5	80°	1076.1	998.9	921.7	885.1	848.6	669.0	489.5
737.4	82.5°	718.0	664.8	611.7	570.9	530.1	407.3	284.5
423.2	85°	412.3	368.6	324.9	290.2	255.5	190.3	125.2
165.9	87.5°	165.0	143.1	121.3	101.9	82.6	60.7	38.8
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)