

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: P945010

Luminaire Tested: **GALN-SB1A-830-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945010
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-830-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 80 CRI, 3000K, 350mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4018 lumens
Efficiency: N/A
Efficacy: 130.0 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

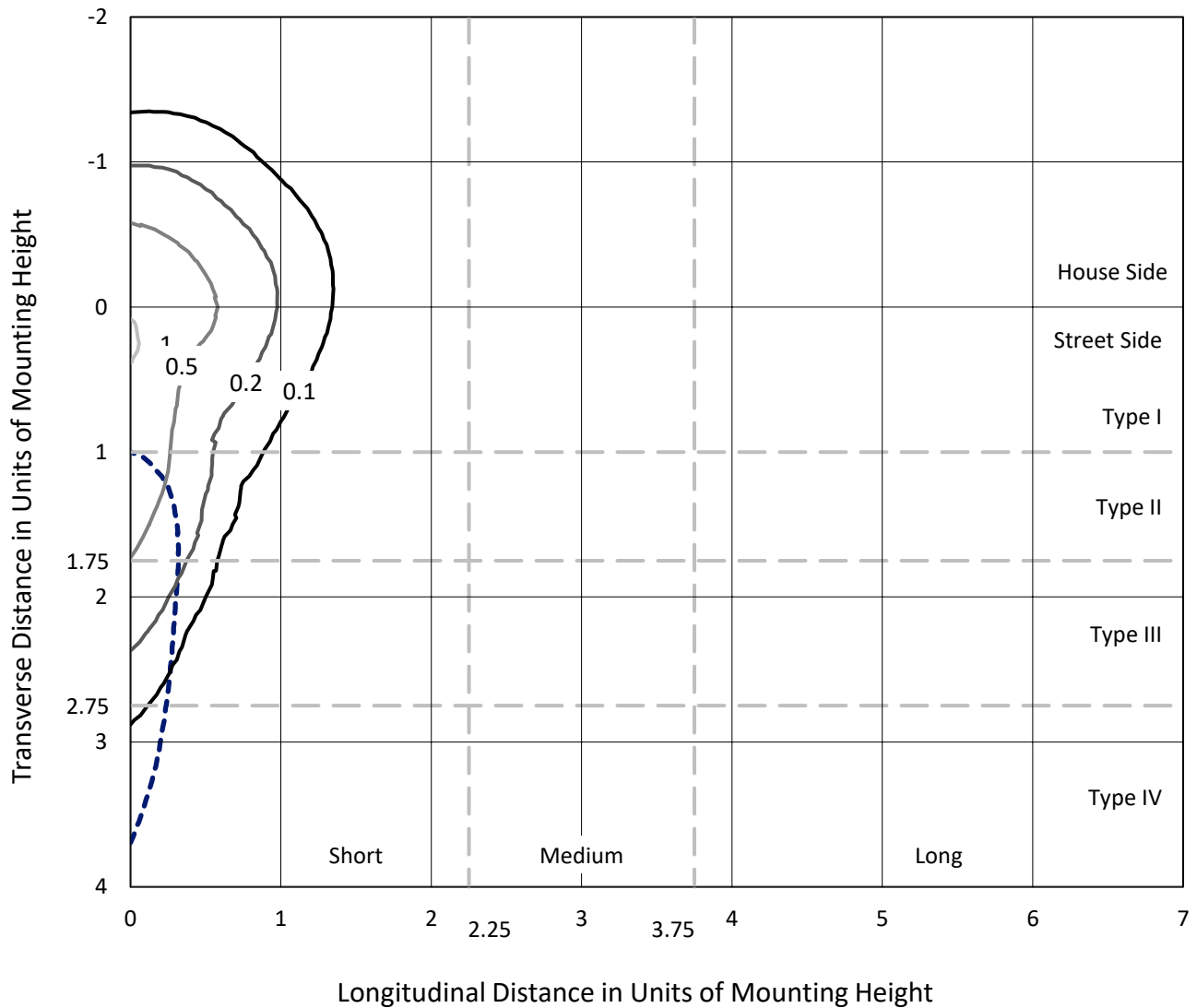
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

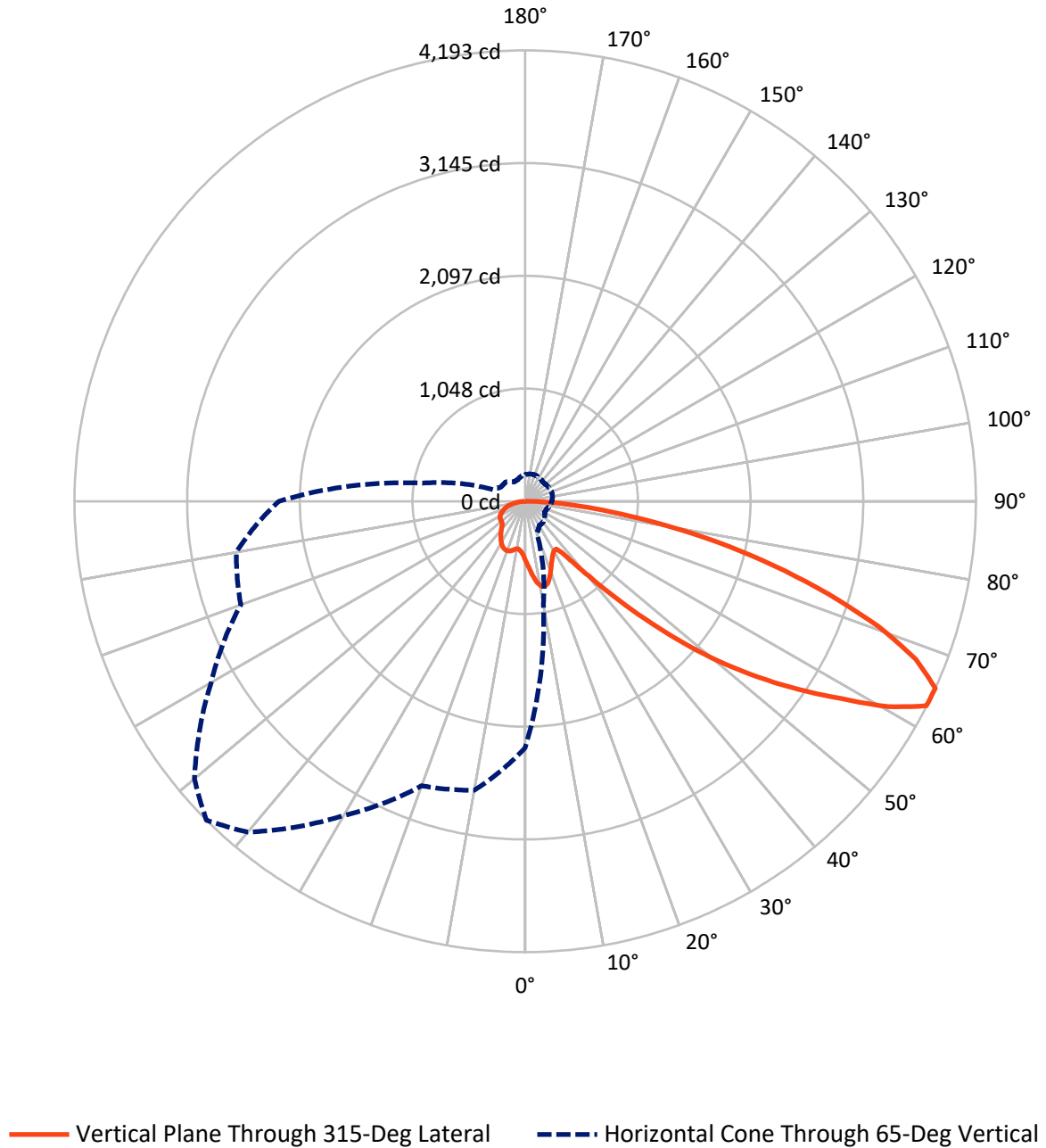
× Max cd
 - - - 1/2 Max cd



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
House Side	Lumens	1021.2	0.0	1021.2
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	2996.8	0.0	2996.8
	% Fixture	74.6	0.0	74.6
Total	Lumens	4018.0	0.0	4018.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.8	1.4
10°-20°	172.1	4.3
20°-30°	265.8	6.6
30°-40°	336.8	8.4
40°-50°	508.0	12.6
50°-60°	820.7	20.4
60°-70°	1023.1	25.5
70°-80°	670.9	16.7
80°-90°	165.9	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°	4018.0	100.0
0°-180°	4018.0	100.0

Coefficient of Utilization



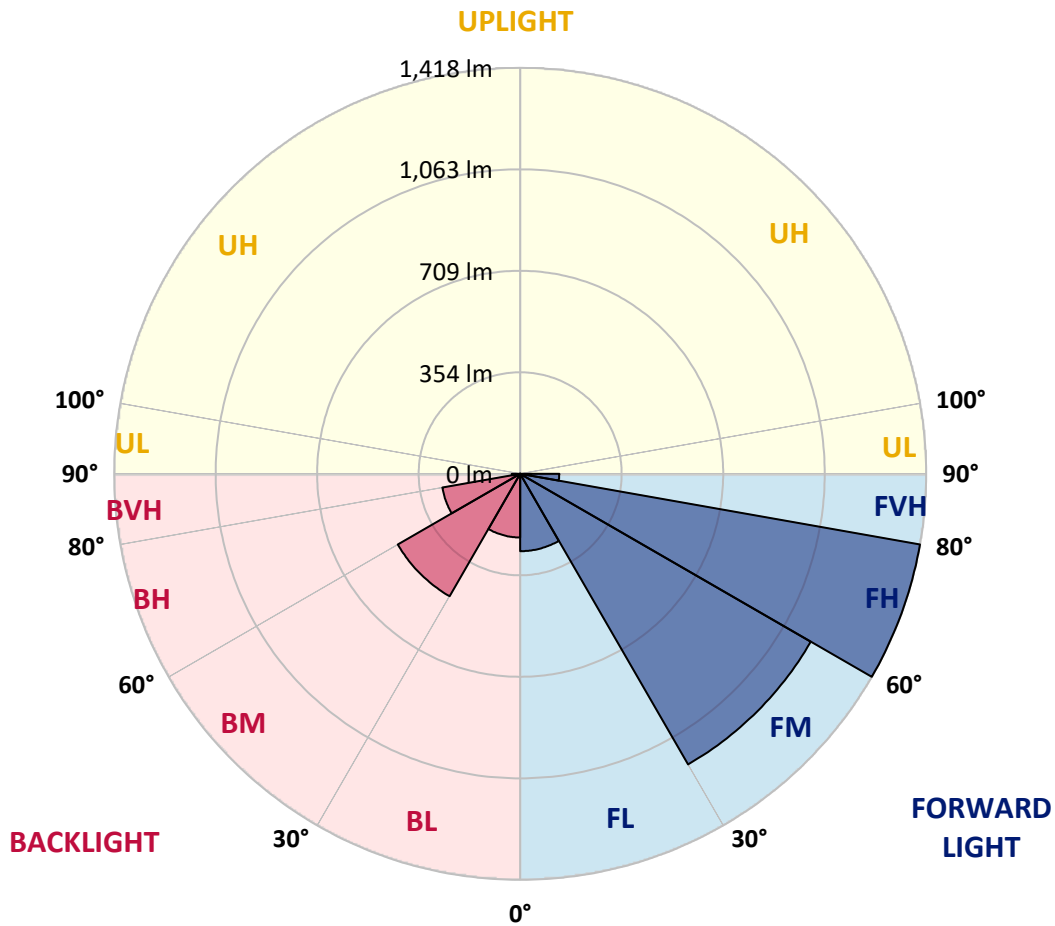
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	270.3	6.7			
FM (30°-60°)	1172.0	29.2			
FH (60°-80°)	1418.0	35.3			G1/1800
FVH (80°-90°)	136.6	3.4			G2/225
BL (0°-30°)	222.4	5.5	B1/500		
BM (30°-60°)	493.5	12.3	B1/1000		
BH (60°-80°)	276.1	6.9	B1/500		G1/500
BVH (80°-90°)	29.2	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°	552.5	552.5	552.5	552.5	552.5	552.5	552.5	552.5	552.5	552.5
2.5°	594.2	589.6	585.1	580.2	575.4	570.5	565.6	560.9	556.3	551.8
5°	638.9	628.8	618.8	608.7	598.7	588.6	578.5	569.0	559.6	550.7
7.5°	683.9	667.2	650.6	635.3	619.9	605.0	590.0	576.9	563.7	551.6
10°	718.3	697.3	676.3	656.0	635.7	617.6	599.4	583.8	568.2	553.3
12.5°	739.4	716.3	693.2	670.3	647.3	625.9	604.5	586.8	569.2	553.5
15°	752.2	728.2	704.1	679.2	654.2	629.6	604.9	584.5	564.1	546.7
17.5°	759.4	735.0	710.6	683.4	656.2	627.6	599.0	574.5	549.9	529.4
20°	767.4	742.0	716.7	686.8	656.9	622.2	587.5	557.1	526.7	502.8
22.5°	776.6	750.7	724.8	691.3	657.7	615.5	573.3	536.7	500.1	472.9
25°	788.5	763.1	737.7	699.4	661.1	608.9	556.9	514.0	471.1	443.2
27.5°	804.6	780.4	756.1	712.1	668.1	604.6	541.1	493.2	445.3	419.9
30°	826.3	802.9	779.5	728.6	677.6	602.5	527.3	475.8	424.2	402.9
32.5°	852.0	828.8	805.7	745.8	685.9	600.0	514.0	460.8	407.6	390.4
35°	883.1	861.0	838.8	765.4	692.0	595.2	498.4	446.1	393.7	379.4
37.5°	935.6	907.3	879.1	787.3	695.6	587.0	478.3	428.7	379.1	366.6
40°	1014.9	973.7	932.5	815.2	697.8	575.7	453.5	408.0	362.5	351.2
42.5°	1120.1	1060.6	1001.1	851.6	702.1	564.0	425.9	385.2	344.5	334.0
45°	1249.9	1169.7	1089.4	899.6	709.7	553.2	396.6	360.9	325.2	314.6
47.5°	1412.3	1299.4	1186.4	950.7	714.9	544.2	373.5	341.7	310.0	296.3
50°	1625.2	1454.9	1284.6	998.1	711.5	534.5	357.4	329.0	300.6	282.6
52.5°	1869.5	1618.3	1367.1	1028.9	690.6	518.0	345.4	320.6	295.9	275.2
55°	2129.7	1763.2	1396.6	1022.1	647.5	490.7	333.9	314.5	295.2	275.9
57.5°	2366.3	1865.8	1365.3	974.3	583.4	452.2	321.0	307.3	293.6	276.7
60°	2509.3	1891.5	1273.6	885.5	497.3	402.2	307.0	296.3	285.5	274.3
62.5°	2436.7	1783.4	1130.2	765.3	400.5	342.4	284.3	277.1	270.0	268.6
65°	2291.3	1630.6	969.9	642.7	315.6	288.5	261.4	258.0	254.7	254.8
67.5°	2096.6	1448.7	800.8	522.7	244.5	236.8	229.1	231.0	232.8	232.4
70°	1862.7	1250.2	637.8	411.5	185.2	187.4	189.6	198.3	207.0	207.0
72.5°	1583.9	1035.1	486.4	314.6	142.9	149.5	156.1	168.5	180.9	183.0
75°	1231.2	788.5	345.8	228.3	110.9	116.9	123.0	136.8	150.7	160.3
77.5°	879.6	551.9	224.1	154.7	85.4	89.5	93.6	107.1	120.5	136.3
80°	575.7	355.5	135.4	99.7	64.0	65.7	67.4	78.8	90.2	109.1
82.5°	334.7	205.8	76.9	61.3	45.8	46.0	46.4	54.8	63.2	79.3
85°	147.2	92.6	37.9	32.8	27.7	27.5	27.3	33.5	39.6	51.6
87.5°	45.6	30.3	15.1	13.6	12.1	12.0	11.8	14.3	16.9	21.8
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°
552.5	0°	552.5	552.5	552.5	552.5	552.5	552.5	552.5	552.5	552.5	552.5
546.7	2.5°	542.7	538.6	535.0	531.3	528.1	524.9	521.7	518.5	516.0	513.5
541.9	5°	534.2	526.5	520.1	513.7	508.0	502.3	497.2	492.0	488.0	484.0
540.2	7.5°	530.0	519.8	511.3	502.8	495.6	488.5	482.2	475.9	471.1	466.4
541.0	10°	530.2	519.5	511.0	502.5	494.8	487.1	480.0	472.9	467.3	461.6
542.1	12.5°	533.3	524.5	518.8	513.2	507.2	501.2	493.8	486.5	479.3	472.1
537.6	15°	533.3	529.1	529.9	530.7	529.1	527.5	521.2	514.8	504.5	494.2
523.8	17.5°	525.3	526.9	536.1	545.3	550.3	555.2	550.0	544.9	531.3	517.7
501.3	20°	508.5	515.7	531.8	547.8	558.1	568.4	566.0	563.6	548.1	532.6
475.8	22.5°	486.5	497.1	515.4	533.8	547.2	560.6	562.0	563.4	548.6	533.7
451.1	25°	463.4	475.7	492.1	508.6	521.8	535.0	539.9	544.8	532.6	520.5
429.4	27.5°	441.3	453.2	466.7	480.3	490.8	501.4	506.8	512.3	503.7	495.0
410.4	30°	419.8	429.3	440.5	451.8	460.5	469.3	473.7	478.2	471.6	465.0
393.8	32.5°	399.3	404.9	413.9	422.9	431.3	439.7	444.6	449.6	443.5	437.4
378.0	35°	379.5	381.1	387.9	394.8	403.1	411.4	417.4	423.3	419.0	414.7
361.5	37.5°	359.8	358.1	363.1	368.0	376.2	384.6	391.9	399.2	397.2	395.2
343.5	40°	339.6	335.8	339.3	342.9	350.9	358.9	367.3	375.8	376.3	376.7
324.3	42.5°	319.2	314.1	317.0	319.9	327.5	335.1	344.2	353.3	355.8	358.2
305.2	45°	300.2	295.3	297.7	300.2	307.4	314.6	324.0	333.5	337.0	340.5
288.2	47.5°	284.0	279.9	282.1	284.4	291.5	298.5	307.8	317.2	321.2	325.2
273.2	50°	269.5	265.8	269.4	273.0	279.6	286.3	294.6	303.0	308.1	313.3
262.0	52.5°	258.4	254.7	260.1	265.4	271.5	277.6	285.4	293.2	299.3	305.5
256.1	55°	250.3	244.6	252.2	259.8	266.3	272.9	279.7	286.5	293.0	299.5
252.5	57.5°	244.1	235.7	243.9	252.1	259.8	267.5	274.3	281.0	287.6	294.1
249.2	60°	238.3	227.4	234.6	241.7	250.6	259.5	266.3	273.2	279.8	286.3
245.3	62.5°	231.6	218.1	222.6	227.2	237.5	247.8	255.2	262.5	268.5	274.5
237.0	65°	222.6	208.1	209.9	211.6	222.7	233.7	240.7	247.7	253.0	258.3
222.4	67.5°	210.3	198.3	197.7	197.2	207.4	217.6	224.3	230.9	235.5	240.0
203.7	70°	195.2	186.6	184.7	182.8	191.8	200.8	206.5	212.2	216.4	220.5
183.0	72.5°	177.1	171.3	168.5	165.7	172.8	179.8	185.0	190.2	194.2	198.3
159.5	75°	155.0	150.4	147.8	145.1	150.3	155.6	160.3	164.9	168.6	172.3
135.9	77.5°	132.3	128.7	125.9	123.2	127.5	131.8	135.8	139.8	143.7	147.6
109.0	80°	106.0	102.9	100.7	98.4	101.9	105.5	108.9	112.3	115.2	118.1
80.2	82.5°	78.7	77.2	75.6	74.0	73.7	73.4	72.2	71.0	77.3	83.6
52.8	85°	51.2	49.6	47.8	46.0	44.5	42.9	39.6	36.4	42.2	48.1
23.3	87.5°	22.7	22.0	21.7	21.4	21.3	21.2	18.7	16.2	18.7	21.2
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°
552.5	0°	552.5	552.5	552.5	552.5	552.5	552.5	552.5	552.5	552.5	552.5
511.5	2.5°	509.5	507.9	506.3	504.9	503.4	501.6	503.4	504.9	506.3	507.9
481.3	5°	478.5	476.5	474.5	473.0	471.5	470.0	471.5	473.0	474.5	476.5
463.1	7.5°	459.8	457.5	455.3	453.9	452.6	451.6	452.6	453.9	455.3	457.5
457.9	10°	454.2	452.0	449.9	448.7	447.6	447.1	447.6	448.7	449.9	452.0
467.3	12.5°	462.5	460.1	457.7	456.8	455.8	455.6	455.8	456.8	457.7	460.1
487.0	15°	479.7	476.4	473.1	471.8	470.6	470.5	470.6	471.8	473.1	476.4
507.0	17.5°	496.3	491.4	486.5	484.9	483.2	483.0	483.2	484.9	486.5	491.4
519.5	20°	506.4	500.1	493.8	491.8	489.8	489.1	489.8	491.8	493.8	500.1
520.3	22.5°	506.8	500.1	493.5	491.2	489.0	488.1	489.0	491.2	493.5	500.1
508.5	25°	496.5	490.7	485.0	482.9	480.8	479.6	480.8	482.9	485.0	490.7
485.7	27.5°	476.4	472.5	468.7	467.7	466.7	466.4	466.7	467.7	468.7	472.5
458.3	30°	451.6	449.7	447.7	447.7	447.7	448.0	447.7	447.7	447.7	449.7
432.1	32.5°	426.8	425.5	424.2	424.4	424.6	424.9	424.6	424.4	424.2	425.5
409.7	35°	404.8	402.9	400.9	400.5	400.1	399.9	400.1	400.5	400.9	402.9
390.7	37.5°	386.2	382.6	379.0	377.2	375.3	374.2	375.3	377.2	379.0	382.6
372.9	40°	369.1	363.9	358.7	355.2	351.7	349.6	351.7	355.2	358.7	363.9
355.0	42.5°	351.7	345.3	338.8	333.7	328.6	325.2	328.6	333.7	338.8	345.3
337.6	45°	334.7	327.3	319.9	313.9	307.9	304.0	307.9	313.9	319.9	327.3
323.2	47.5°	321.2	314.6	308.0	302.5	296.9	293.2	296.9	302.5	308.0	314.6
313.2	50°	313.1	307.8	302.6	297.5	292.3	288.8	292.3	297.5	302.6	307.8
306.6	52.5°	307.7	303.4	299.1	294.5	289.9	286.6	289.9	294.5	299.1	303.4
301.1	55°	302.6	298.9	295.1	291.1	287.1	284.1	287.1	291.1	295.1	298.9
295.7	57.5°	297.2	293.4	289.7	285.7	281.7	278.6	281.7	285.7	289.7	293.4
288.0	60°	289.7	286.0	282.4	278.2	274.1	271.0	274.1	278.2	282.4	286.0
276.1	62.5°	277.8	274.5	271.1	266.8	262.5	258.7	262.5	266.8	271.1	274.5
260.0	65°	261.7	258.5	255.3	251.1	246.9	243.6	246.9	251.1	255.3	258.5
241.7	67.5°	243.3	240.3	237.4	233.5	229.6	226.6	229.6	233.5	237.4	240.3
222.1	70°	223.6	221.2	218.8	215.1	211.4	208.0	211.4	215.1	218.8	221.2
200.1	72.5°	202.0	200.0	198.0	194.5	190.9	187.6	190.9	194.5	198.0	200.0
174.3	75°	176.2	175.3	174.3	171.3	168.3	165.2	168.3	171.3	174.3	175.3
149.4	77.5°	151.2	149.9	148.5	145.4	142.4	139.9	142.4	145.4	148.5	149.9
120.6	80°	123.0	122.4	121.8	117.8	113.7	109.0	113.7	117.8	121.8	122.4
87.7	82.5°	91.8	91.5	91.3	87.9	84.4	81.4	84.4	87.9	91.3	91.5
53.2	85°	58.3	57.9	57.5	54.8	52.1	49.4	52.1	54.8	57.5	57.9
23.2	87.5°	25.3	24.8	24.2	22.9	21.5	20.1	21.5	22.9	24.2	24.8
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°
552.5	0°	552.5	552.5	552.5	552.5	552.5	552.5	552.5	552.5	552.5	552.5
509.5	2.5°	511.5	513.5	516.0	518.5	521.7	524.9	528.1	531.3	535.0	538.6
478.5	5°	481.3	484.0	488.0	492.0	497.2	502.3	508.0	513.7	520.1	526.5
459.8	7.5°	463.1	466.4	471.1	475.9	482.2	488.5	495.6	502.8	511.3	519.8
454.2	10°	457.9	461.6	467.3	472.9	480.0	487.1	494.8	502.5	511.0	519.5
462.5	12.5°	467.3	472.1	479.3	486.5	493.8	501.2	507.2	513.2	518.8	524.5
479.7	15°	487.0	494.2	504.5	514.8	521.2	527.5	529.1	530.7	529.9	529.1
496.3	17.5°	507.0	517.7	531.3	544.9	550.0	555.2	550.3	545.3	536.1	526.9
506.4	20°	519.5	532.6	548.1	563.6	566.0	568.4	558.1	547.8	531.8	515.7
506.8	22.5°	520.3	533.7	548.6	563.4	562.0	560.6	547.2	533.8	515.4	497.1
496.5	25°	508.5	520.5	532.6	544.8	539.9	535.0	521.8	508.6	492.1	475.7
476.4	27.5°	485.7	495.0	503.7	512.3	506.8	501.4	490.8	480.3	466.7	453.2
451.6	30°	458.3	465.0	471.6	478.2	473.7	469.3	460.5	451.8	440.5	429.3
426.8	32.5°	432.1	437.4	443.5	449.6	444.6	439.7	431.3	422.9	413.9	404.9
404.8	35°	409.7	414.7	419.0	423.3	417.4	411.4	403.1	394.8	387.9	381.1
386.2	37.5°	390.7	395.2	397.2	399.2	391.9	384.6	376.2	368.0	363.1	358.1
369.1	40°	372.9	376.7	376.3	375.8	367.3	358.9	350.9	342.9	339.3	335.8
351.7	42.5°	355.0	358.2	355.8	353.3	344.2	335.1	327.5	319.9	317.0	314.1
334.7	45°	337.6	340.5	337.0	333.5	324.0	314.6	307.4	300.2	297.7	295.3
321.2	47.5°	323.2	325.2	321.2	317.2	307.8	298.5	291.5	284.4	282.1	279.9
313.1	50°	313.2	313.3	308.1	303.0	294.6	286.3	279.6	273.0	269.4	265.8
307.7	52.5°	306.6	305.5	299.3	293.2	285.4	277.6	271.5	265.4	260.1	254.7
302.6	55°	301.1	299.5	293.0	286.5	279.7	272.9	266.3	259.8	252.2	244.6
297.2	57.5°	295.7	294.1	287.6	281.0	274.3	267.5	259.8	252.1	243.9	235.7
289.7	60°	288.0	286.3	279.8	273.2	266.3	259.5	250.6	241.7	234.6	227.4
277.8	62.5°	276.1	274.5	268.5	262.5	255.2	247.8	237.5	227.2	222.6	218.1
261.7	65°	260.0	258.3	253.0	247.7	240.7	233.7	222.7	211.6	209.9	208.1
243.3	67.5°	241.7	240.0	235.5	230.9	224.3	217.6	207.4	197.2	197.7	198.3
223.6	70°	222.1	220.5	216.4	212.2	206.5	200.8	191.8	182.8	184.7	186.6
220.0	72.5°	200.1	198.3	194.2	190.2	185.0	179.8	172.8	165.7	168.5	171.3
176.2	75°	174.3	172.3	168.6	164.9	160.3	155.6	150.3	145.1	147.8	150.4
151.2	77.5°	149.4	147.6	143.7	139.8	135.8	131.8	127.5	123.2	125.9	128.7
123.0	80°	120.6	118.1	115.2	112.3	108.9	105.5	101.9	98.4	100.7	102.9
91.8	82.5°	87.7	83.6	77.3	71.0	72.2	73.4	73.7	74.0	75.6	77.2
58.3	85°	53.2	48.1	42.2	36.4	39.6	42.9	44.5	46.0	47.8	49.6
25.3	87.5°	23.2	21.2	18.7	16.2	18.7	21.2	21.3	21.4	21.7	22.0
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
552.5	0°	552.5	552.5	552.5	552.5	552.5	552.5	552.5	552.5	552.5	552.5
542.7	2.5°	546.7	551.8	556.3	560.9	565.6	570.5	575.4	580.2	585.1	589.6
534.2	5°	541.9	550.7	559.6	569.0	578.5	588.6	598.7	608.7	618.8	628.8
530.0	7.5°	540.2	551.6	563.7	576.9	590.0	605.0	619.9	635.3	650.6	667.2
530.2	10°	541.0	553.3	568.2	583.8	599.4	617.6	635.7	656.0	676.3	697.3
533.3	12.5°	542.1	553.5	569.2	586.8	604.5	625.9	647.3	670.3	693.2	716.3
533.3	15°	537.6	546.7	564.1	584.5	604.9	629.6	654.2	679.2	704.1	728.2
525.3	17.5°	523.8	529.4	549.9	574.5	599.0	627.6	656.2	683.4	710.6	735.0
508.5	20°	501.3	502.8	526.7	557.1	587.5	622.2	656.9	686.8	716.7	742.0
486.5	22.5°	475.8	472.9	500.1	536.7	573.3	615.5	657.7	691.3	724.8	750.7
463.4	25°	451.1	443.2	471.1	514.0	556.9	608.9	661.1	699.4	737.7	763.1
441.3	27.5°	429.4	419.9	445.3	493.2	541.1	604.6	668.1	712.1	756.1	780.4
419.8	30°	410.4	402.9	424.2	475.8	527.3	602.5	677.6	728.6	779.5	802.9
399.3	32.5°	393.8	390.4	407.6	460.8	514.0	600.0	685.9	745.8	805.7	828.8
379.5	35°	378.0	379.4	393.7	446.1	498.4	595.2	692.0	765.4	838.8	861.0
359.8	37.5°	361.5	366.6	379.1	428.7	478.3	587.0	695.6	787.3	879.1	907.3
339.6	40°	343.5	351.2	362.5	408.0	453.5	575.7	697.8	815.2	932.5	973.7
319.2	42.5°	324.3	334.0	344.5	385.2	425.9	564.0	702.1	851.6	1001.1	1060.6
300.2	45°	305.2	314.6	325.2	360.9	396.6	553.2	709.7	899.6	1089.4	1169.7
284.0	47.5°	288.2	296.3	310.0	341.7	373.5	544.2	714.9	950.7	1186.4	1299.4
269.5	50°	273.2	282.6	300.6	329.0	357.4	534.5	711.5	998.1	1284.6	1454.9
258.4	52.5°	262.0	275.2	295.9	320.6	345.4	518.0	690.6	1028.9	1367.1	1618.3
250.3	55°	256.1	275.9	295.2	314.5	333.9	490.7	647.5	1022.1	1396.6	1763.2
244.1	57.5°	252.5	276.7	293.6	307.3	321.0	452.2	583.4	974.3	1365.3	1865.8
238.3	60°	249.2	274.3	285.5	296.3	307.0	402.2	497.3	885.5	1273.6	1891.5
231.6	62.5°	245.3	268.6	270.0	277.1	284.3	342.4	400.5	765.3	1130.2	1783.4
222.6	65°	237.0	254.8	254.7	258.0	261.4	288.5	315.6	642.7	969.9	1630.6
210.3	67.5°	222.4	232.4	232.8	231.0	229.1	236.8	244.5	522.7	800.8	1448.7
195.2	70°	203.7	207.0	207.0	198.3	189.6	187.4	185.2	411.5	637.8	1250.2
177.1	72.5°	183.0	183.0	180.9	168.5	156.1	149.5	142.9	314.6	486.4	1035.1
155.0	75°	159.5	160.3	150.7	136.8	123.0	116.9	110.9	228.3	345.8	788.5
132.3	77.5°	135.9	136.3	120.5	107.1	93.6	89.5	85.4	154.7	224.1	551.9
106.0	80°	109.0	109.1	90.2	78.8	67.4	65.7	64.0	99.7	135.4	355.5
78.7	82.5°	80.2	79.3	63.2	54.8	46.4	46.0	45.8	61.3	76.9	205.8
51.2	85°	52.8	51.6	39.6	33.5	27.3	27.5	27.7	32.8	37.9	92.6
22.7	87.5°	23.3	21.8	16.9	14.3	11.8	12.0	12.1	13.6	15.1	30.3
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°
552.5	0°	552.5	552.5	552.5	552.5	552.5	552.5	552.5	552.5	552.5	552.5
594.2	2.5°	596.4	598.7	601.9	605.1	607.0	608.9	609.9	610.8	610.4	610.8
638.9	5°	646.8	654.7	662.5	670.3	674.5	678.8	681.3	683.9	685.9	683.9
683.9	7.5°	696.7	709.4	721.0	732.5	739.4	746.3	750.1	753.8	755.6	753.8
718.3	10°	733.4	748.6	762.1	775.6	783.8	791.9	795.6	799.2	800.6	799.2
739.4	12.5°	755.8	772.2	784.4	796.6	802.5	808.5	810.4	812.4	812.7	812.4
752.2	15°	766.4	780.5	788.2	795.9	796.1	796.3	794.2	792.0	789.5	792.0
759.4	17.5°	769.0	778.6	778.7	778.8	770.2	761.7	753.8	745.9	740.4	745.9
767.4	20°	770.7	774.1	764.0	753.9	735.0	716.0	702.2	688.4	679.9	688.4
776.6	22.5°	772.2	767.9	747.0	726.1	698.3	670.4	653.1	635.9	626.5	635.9
788.5	25°	774.7	760.9	729.2	697.6	663.7	629.9	611.7	593.6	584.7	593.6
804.6	27.5°	780.0	755.3	713.3	671.4	633.9	596.4	578.5	560.7	552.3	560.7
826.3	30°	789.6	752.9	701.2	649.6	610.5	571.4	554.8	538.3	530.5	538.3
852.0	32.5°	801.7	751.4	692.9	634.5	597.8	561.0	548.0	535.0	529.4	535.0
883.1	35°	821.6	760.0	699.1	638.3	612.7	587.2	584.2	581.2	580.7	581.2
935.6	37.5°	863.2	790.8	735.4	680.1	678.4	676.8	690.7	704.5	711.7	704.5
1014.9	40°	936.1	857.4	816.2	775.1	804.1	833.2	866.9	900.6	917.4	900.6
1120.1	42.5°	1041.9	963.8	940.1	916.4	979.7	1043.1	1104.4	1165.7	1201.7	1165.7
1249.9	45°	1179.7	1109.5	1099.1	1088.6	1190.1	1291.6	1392.3	1493.1	1554.3	1493.1
1412.3	47.5°	1344.0	1275.7	1273.6	1271.5	1417.9	1564.3	1711.8	1859.3	1945.9	1859.3
1625.2	50°	1540.8	1456.5	1456.9	1457.2	1645.9	1834.6	2029.3	2224.0	2341.7	2224.0
1869.5	52.5°	1767.4	1665.3	1654.9	1644.6	1870.0	2095.4	2336.3	2577.1	2718.2	2577.1
2129.7	55°	2028.8	1927.8	1887.6	1847.3	2098.2	2349.0	2636.2	2923.4	3091.2	2923.4
2366.3	57.5°	2311.3	2256.4	2175.6	2094.9	2348.2	2601.5	2926.7	3252.0	3460.1	3252.0
2509.3	60°	2594.7	2680.0	2579.7	2479.5	2719.2	2958.9	3307.1	3655.4	3880.3	3655.4
2436.7	62.5°	2669.9	2903.2	2891.9	2880.5	3100.1	3319.7	3651.1	3982.4	4190.3	3982.4
2291.3	65°	2510.3	2729.2	2772.5	2815.8	3094.8	3373.9	3695.2	4016.4	4193.4	4016.4
2096.6	67.5°	2304.8	2513.0	2533.3	2553.6	2844.4	3135.1	3457.8	3780.4	3919.1	3780.4
1862.7	70°	2089.1	2315.6	2324.7	2333.7	2593.8	2853.8	3131.4	3409.1	3486.2	3409.1
1583.9	72.5°	1843.7	2103.6	2110.1	2116.6	2320.1	2523.5	2731.5	2939.4	2947.2	2939.4
1231.2	75°	1500.1	1769.1	1793.2	1817.4	1975.7	2133.9	2280.3	2426.7	2387.5	2426.7
879.6	77.5°	1130.7	1381.8	1416.4	1450.9	1571.2	1691.6	1795.4	1899.2	1831.8	1899.2
575.7	80°	787.0	998.2	1041.1	1084.1	1174.9	1265.8	1320.3	1374.8	1266.4	1374.8
334.7	82.5°	479.1	623.5	671.5	719.5	782.0	844.6	867.3	890.0	804.8	890.0
147.2	85°	223.9	300.5	341.3	382.2	433.5	484.9	497.8	510.7	442.5	510.7
45.6	87.5°	71.3	97.1	119.9	142.6	168.3	194.0	195.1	196.2	164.7	196.2
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):

325°		330°	335°	340°	345°	350°	355°	360°
552.5	0°	552.5	552.5	552.5	552.5	552.5	552.5	552.5
609.9	2.5°	608.9	607.0	605.1	601.9	598.7	596.4	594.2
681.3	5°	678.8	674.5	670.3	662.5	654.7	646.8	638.9
750.1	7.5°	746.3	739.4	732.5	721.0	709.4	696.7	683.9
795.6	10°	791.9	783.8	775.6	762.1	748.6	733.4	718.3
810.4	12.5°	808.5	802.5	796.6	784.4	772.2	755.8	739.4
794.2	15°	796.3	796.1	795.9	788.2	780.5	766.4	752.2
753.8	17.5°	761.7	770.2	778.8	778.7	778.6	769.0	759.4
702.2	20°	716.0	735.0	753.9	764.0	774.1	770.7	767.4
653.1	22.5°	670.4	698.3	726.1	747.0	767.9	772.2	776.6
611.7	25°	629.9	663.7	697.6	729.2	760.9	774.7	788.5
578.5	27.5°	596.4	633.9	671.4	713.3	755.3	780.0	804.6
554.8	30°	571.4	610.5	649.6	701.2	752.9	789.6	826.3
548.0	32.5°	561.0	597.8	634.5	692.9	751.4	801.7	852.0
584.2	35°	587.2	612.7	638.3	699.1	760.0	821.6	883.1
690.7	37.5°	676.8	678.4	680.1	735.4	790.8	863.2	935.6
866.9	40°	833.2	804.1	775.1	816.2	857.4	936.1	1014.9
1104.4	42.5°	1043.1	979.7	916.4	940.1	963.8	1041.9	1120.1
1392.3	45°	1291.6	1190.1	1088.6	1099.1	1109.5	1179.7	1249.9
1711.8	47.5°	1564.3	1417.9	1271.5	1273.6	1275.7	1344.0	1412.3
2029.3	50°	1834.6	1645.9	1457.2	1456.9	1456.5	1540.8	1625.2
2336.3	52.5°	2095.4	1870.0	1644.6	1654.9	1665.3	1767.4	1869.5
2636.2	55°	2349.0	2098.2	1847.3	1887.6	1927.8	2028.8	2129.7
2926.7	57.5°	2601.5	2348.2	2094.9	2175.6	2256.4	2311.3	2366.3
3307.1	60°	2958.9	2719.2	2479.5	2579.7	2680.0	2594.7	2509.3
3651.1	62.5°	3319.7	3100.1	2880.5	2891.9	2903.2	2669.9	2436.7
3695.2	65°	3373.9	3094.8	2815.8	2772.5	2729.2	2510.3	2291.3
3457.8	67.5°	3135.1	2844.4	2553.6	2533.3	2513.0	2304.8	2096.6
3131.4	70°	2853.8	2593.8	2333.7	2324.7	2315.6	2089.1	1862.7
2731.5	72.5°	2523.5	2320.1	2116.6	2110.1	2103.6	1843.7	1583.9
2280.3	75°	2133.9	1975.7	1817.4	1793.2	1769.1	1500.1	1231.2
1795.4	77.5°	1691.6	1571.2	1450.9	1416.4	1381.8	1130.7	879.6
1320.3	80°	1265.8	1174.9	1084.1	1041.1	998.2	787.0	575.7
867.3	82.5°	844.6	782.0	719.5	671.5	623.5	479.1	334.7
497.8	85°	484.9	433.5	382.2	341.3	300.5	223.9	147.2
195.1	87.5°	194.0	168.3	142.6	119.9	97.1	71.3	45.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)