

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: P945409

Luminaire Tested: **GALN-SB1B-840-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945409
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-840-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 80 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: 5369 lumens
Efficiency: N/A
Efficacy: 134.9 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

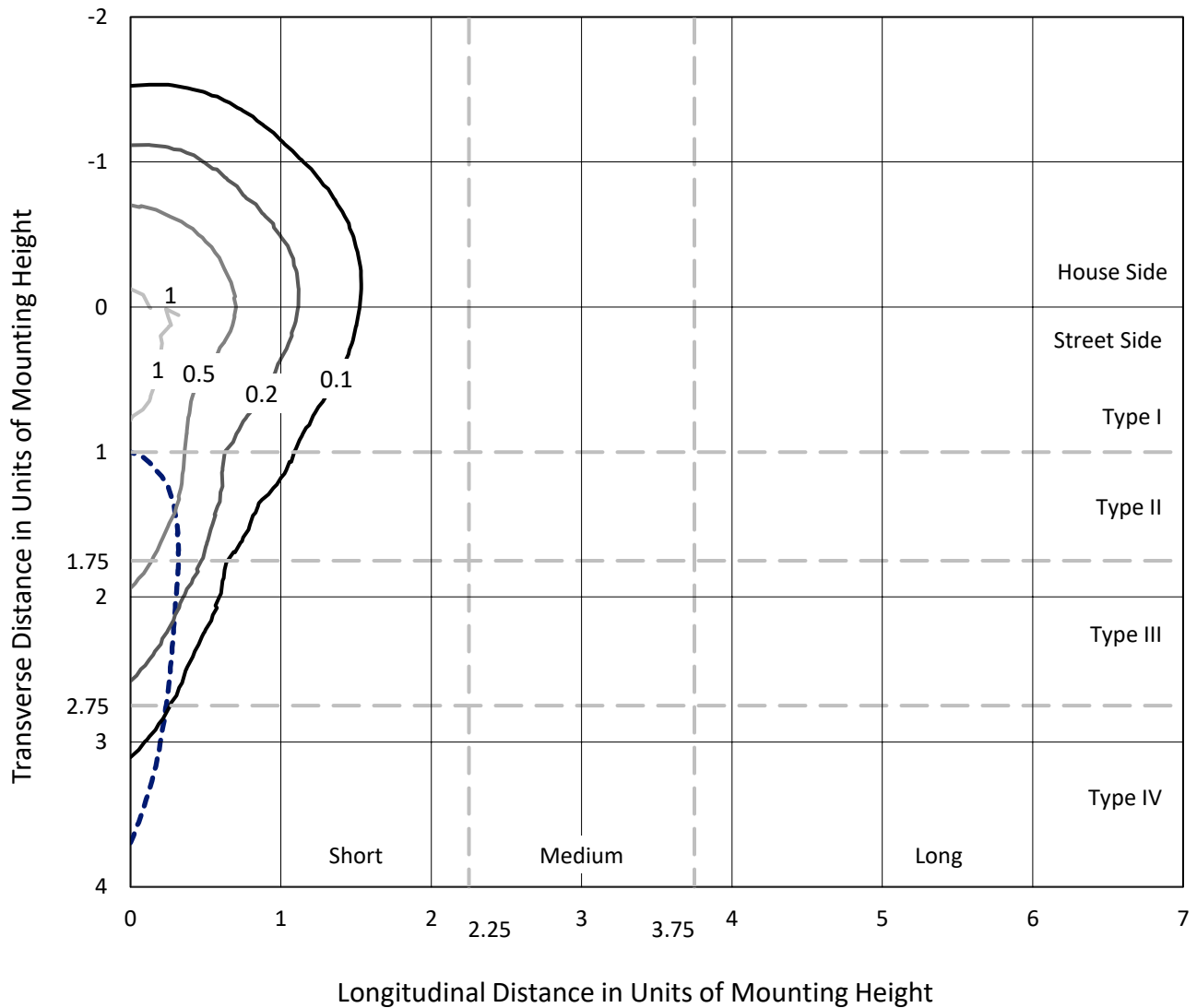
Input Watts (W): 39.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

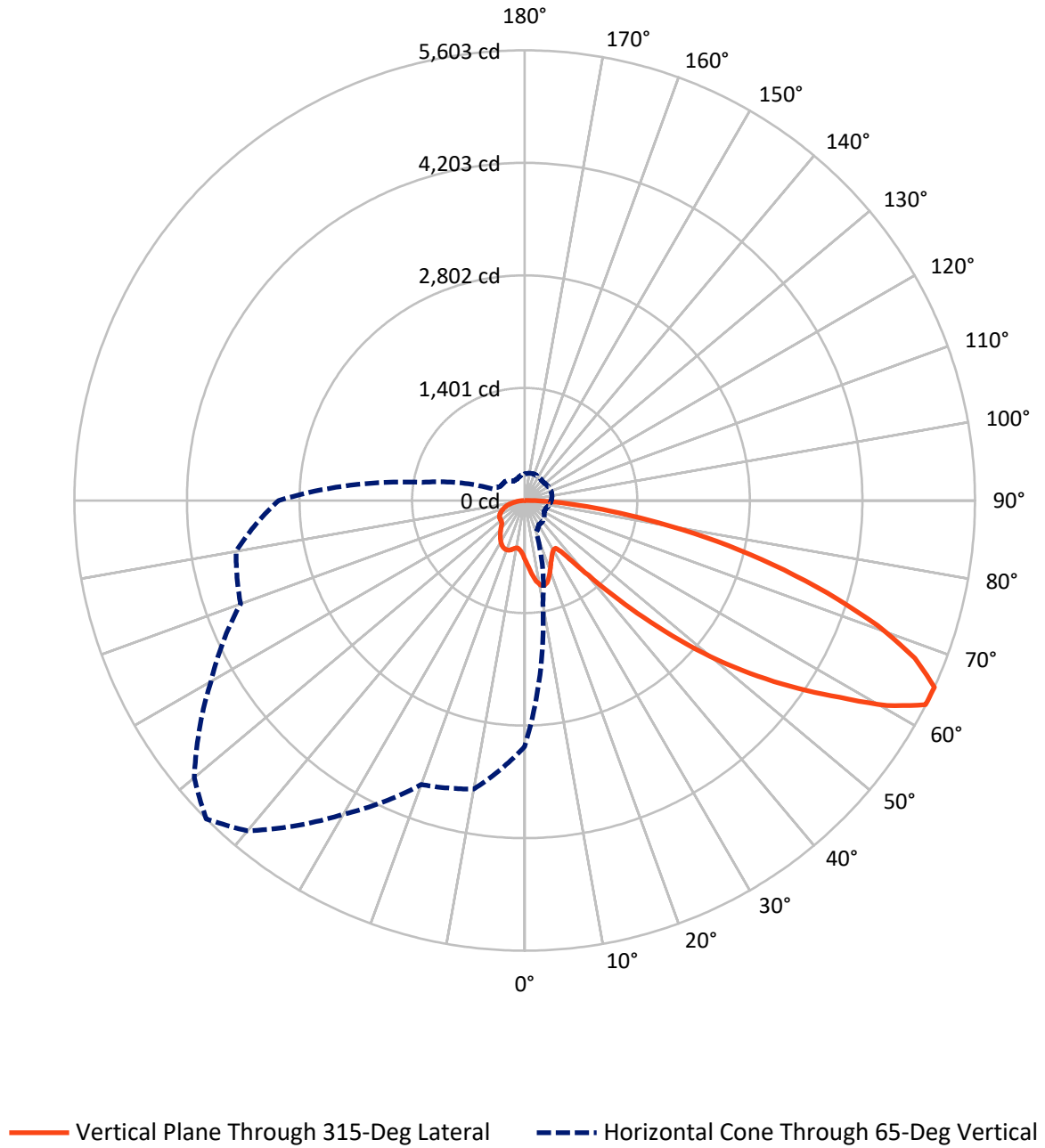
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.5 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	1364.5	0.0	1364.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	4004.5	0.0	4004.5
	% Fixture	74.6	0.0	74.6
Total	Lumens	5369.0	0.0	5369.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.2	1.4
10°-20°	229.9	4.3
20°-30°	355.1	6.6
30°-40°	450.0	8.4
40°-50°	678.8	12.6
50°-60°	1096.6	20.4
60°-70°	1367.1	25.5
70°-80°	896.5	16.7
80°-90°	221.6	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°	5369.0	100.0
0°-180°	5369.0	100.0



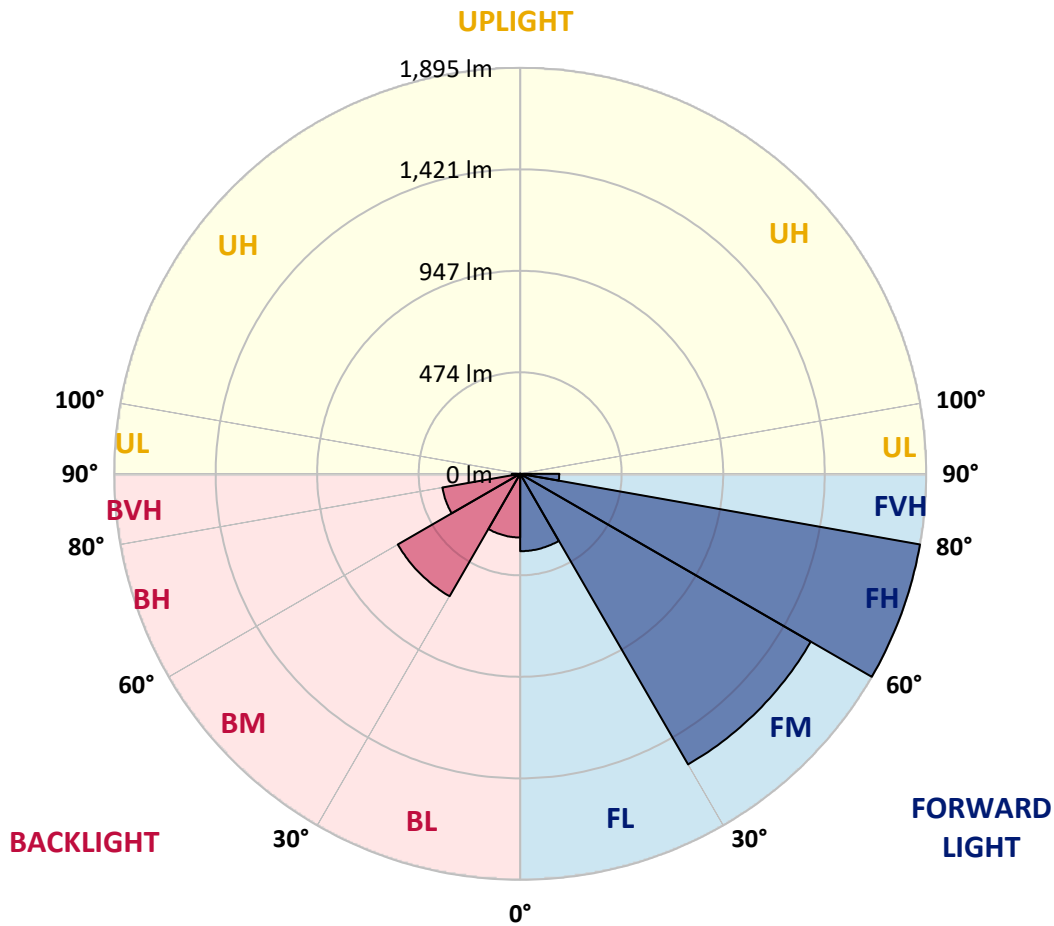
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	361.1	6.7			
FM (30°-60°)	1566.0	29.2			
FH (60°-80°)	1894.7	35.3			G2/5000
FVH (80°-90°)	182.6	3.4			G2/225
BL (0°-30°)	297.1	5.5	B1/500		
BM (30°-60°)	659.4	12.3	B1/1000		
BH (60°-80°)	368.9	6.9	B1/500		G1/500
BVH (80°-90°)	39.1	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°	738.3	738.3	738.3	738.3	738.3	738.3	738.3	738.3	738.3	738.3
2.5°	794.0	787.9	781.8	775.3	768.8	762.3	755.8	749.6	743.3	737.3
5°	853.7	840.3	826.8	813.4	800.0	786.5	773.0	760.4	747.8	735.9
7.5°	913.8	891.6	869.4	848.9	828.4	808.4	788.4	770.8	753.2	737.0
10°	959.8	931.8	903.7	876.6	849.5	825.2	801.0	780.2	759.3	739.3
12.5°	988.0	957.2	926.3	895.6	864.9	836.3	807.7	784.2	760.6	739.6
15°	1005.2	973.0	940.8	907.5	874.2	841.3	808.3	781.1	753.8	730.5
17.5°	1014.8	982.2	949.6	913.2	876.9	838.6	800.4	767.6	734.8	707.4
20°	1025.4	991.5	957.6	917.7	877.7	831.4	785.0	744.4	703.8	671.8
22.5°	1037.7	1003.1	968.5	923.7	878.9	822.5	766.1	717.2	668.3	631.9
25°	1053.6	1019.7	985.7	934.6	883.3	813.7	744.1	686.8	629.5	592.2
27.5°	1075.1	1042.8	1010.4	951.6	892.7	807.8	723.0	659.0	595.0	561.1
30°	1104.2	1072.9	1041.6	973.6	905.5	805.1	704.6	635.8	566.9	538.4
32.5°	1138.4	1107.5	1076.5	996.5	916.5	801.7	686.8	615.7	544.6	521.7
35°	1180.1	1150.5	1120.8	1022.7	924.6	795.3	666.0	596.0	526.1	507.0
37.5°	1250.2	1212.4	1174.6	1052.0	929.5	784.3	639.2	572.9	506.5	489.8
40°	1356.2	1301.1	1246.0	1089.3	932.5	769.2	606.0	545.2	484.4	469.3
42.5°	1496.7	1417.2	1337.7	1138.0	938.2	753.6	569.1	514.7	460.3	446.3
45°	1670.2	1563.0	1455.7	1202.0	948.4	739.2	530.0	482.3	434.6	420.4
47.5°	1887.2	1736.3	1585.4	1270.3	955.3	727.2	499.1	456.7	414.2	395.9
50°	2171.6	1944.1	1716.6	1333.7	950.8	714.2	477.6	439.6	401.7	377.6
52.5°	2498.2	2162.4	1826.7	1374.8	922.9	692.2	461.5	428.4	395.3	367.7
55°	2845.8	2356.0	1866.2	1365.7	865.2	655.7	446.1	420.3	394.4	368.7
57.5°	3161.9	2493.2	1824.4	1301.9	779.5	604.2	428.9	410.6	392.4	369.7
60°	3353.0	2527.4	1701.8	1183.2	664.6	537.4	410.3	395.9	381.6	366.6
62.5°	3256.0	2383.1	1510.2	1022.7	535.1	457.5	379.9	370.3	360.8	358.9
65°	3061.8	2178.9	1296.0	858.9	421.8	385.5	349.3	344.8	340.3	340.5
67.5°	2801.6	1935.8	1070.1	698.4	326.7	316.4	306.1	308.6	311.1	310.5
70°	2488.9	1670.6	852.3	549.9	247.5	250.4	253.3	265.0	276.6	276.6
72.5°	2116.4	1383.1	649.9	420.4	190.9	199.8	208.7	225.2	241.7	244.5
75°	1645.1	1053.6	462.0	305.1	148.2	156.3	164.3	182.8	201.4	214.2
77.5°	1175.4	737.4	299.4	206.8	114.1	119.6	125.1	143.1	161.1	182.2
80°	769.3	475.1	180.9	133.2	85.6	87.8	90.1	105.3	120.5	145.8
82.5°	447.2	275.0	102.8	81.9	61.1	61.5	62.0	73.2	84.4	106.0
85°	196.8	123.7	50.7	43.8	37.0	36.8	36.5	44.8	53.0	69.0
87.5°	60.9	40.5	20.1	18.2	16.2	16.0	15.8	19.2	22.5	29.2
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°
738.3	0°	738.3	738.3	738.3	738.3	738.3	738.3	738.3	738.3	738.3	738.3
730.6	2.5°	725.1	719.7	714.8	710.0	705.7	701.4	697.1	692.8	689.5	686.2
724.1	5°	713.9	703.6	695.0	686.4	678.8	671.2	664.3	657.4	652.1	646.8
721.8	7.5°	708.1	694.5	683.2	671.8	662.3	652.7	644.3	635.9	629.6	623.3
722.9	10°	708.5	694.1	682.8	671.5	661.2	650.9	641.4	631.9	624.4	616.8
724.3	12.5°	712.6	700.8	693.3	685.8	677.7	669.7	659.8	650.0	640.4	630.8
718.3	15°	712.7	707.1	708.1	709.1	707.0	704.9	696.4	687.9	674.1	660.4
699.9	17.5°	702.0	704.0	716.4	728.7	735.3	741.8	734.9	728.1	709.9	691.8
669.9	20°	679.5	689.1	710.6	732.1	745.8	759.5	756.4	753.2	732.4	711.7
635.8	22.5°	650.0	664.3	688.8	713.3	731.2	749.0	751.0	752.9	733.0	713.2
602.7	25°	619.2	635.6	657.6	679.6	697.2	714.8	721.4	727.9	711.7	695.4
573.8	27.5°	589.7	605.6	623.7	641.7	655.8	670.0	677.3	684.6	673.0	661.5
548.4	30°	561.0	573.6	588.6	603.7	615.4	627.1	633.0	639.0	630.2	621.3
526.1	32.5°	533.6	541.0	553.0	565.0	576.3	587.5	594.1	600.7	592.6	584.5
505.1	35°	507.2	509.2	518.4	527.5	538.6	549.7	557.7	565.6	559.8	554.1
483.1	37.5°	480.8	478.6	485.1	491.7	502.7	513.9	523.7	533.5	530.8	528.1
458.9	40°	453.8	448.7	453.4	458.2	468.9	479.6	490.8	502.2	502.8	503.4
433.3	42.5°	426.5	419.7	423.6	427.4	437.6	447.8	459.9	472.1	475.4	478.6
407.8	45°	401.2	394.6	397.8	401.1	410.7	420.4	433.0	445.6	450.3	455.0
385.1	47.5°	379.5	374.0	377.0	380.0	389.5	398.9	411.4	423.8	429.2	434.6
365.0	50°	360.1	355.2	360.0	364.8	373.6	382.5	393.7	404.8	411.8	418.7
350.1	52.5°	345.2	340.4	347.6	354.7	362.9	371.0	381.4	391.8	400.0	408.2
342.2	55°	334.5	326.8	337.0	347.1	355.9	364.7	373.8	382.9	391.6	400.2
337.4	57.5°	326.2	315.0	325.9	336.8	347.2	357.5	366.5	375.5	384.3	393.0
332.9	60°	318.4	303.8	313.4	323.0	334.9	346.7	355.9	365.0	373.8	382.6
327.7	62.5°	309.5	291.4	297.5	303.6	317.4	331.2	341.0	350.7	358.8	366.8
316.7	65°	297.4	278.1	280.4	282.7	297.5	312.3	321.7	331.0	338.1	345.2
297.1	67.5°	281.0	264.9	264.2	263.5	277.1	290.8	299.7	308.5	314.6	320.8
272.3	70°	260.8	249.4	246.8	244.3	256.3	268.3	275.9	283.6	289.1	294.6
244.5	72.5°	236.7	228.9	225.1	221.4	230.9	240.3	247.2	254.1	259.5	264.9
213.1	75°	207.1	201.0	197.4	193.8	200.9	207.9	214.1	220.4	225.3	230.3
181.6	77.5°	176.8	171.9	168.3	164.7	170.4	176.1	181.5	186.8	192.0	197.2
145.7	80°	141.6	137.5	134.5	131.5	136.2	140.9	145.5	150.0	153.9	157.9
107.1	82.5°	105.2	103.2	101.0	98.9	98.5	98.1	96.5	94.9	103.3	111.7
70.5	85°	68.4	66.3	63.9	61.5	59.4	57.4	53.0	48.6	56.4	64.3
31.2	87.5°	30.3	29.5	29.0	28.6	28.5	28.4	25.0	21.7	25.0	28.3
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
738.3	0°	738.3	738.3	738.3	738.3	738.3	738.3	738.3	738.3	738.3	738.3
683.5	2.5°	680.8	678.7	676.6	674.7	672.7	670.3	672.7	674.7	676.6	678.7
643.1	5°	639.4	636.7	634.1	632.1	630.1	628.1	630.1	632.1	634.1	636.7
618.8	7.5°	614.4	611.4	608.4	606.6	604.8	603.4	604.8	606.6	608.4	611.4
611.9	10°	606.9	604.0	601.2	599.6	598.1	597.5	598.1	599.6	601.2	604.0
624.4	12.5°	618.0	614.8	611.6	610.3	609.0	608.8	609.0	610.3	611.6	614.8
650.7	15°	641.1	636.6	632.2	630.5	628.8	628.6	628.8	630.5	632.2	636.6
677.5	17.5°	663.2	656.6	650.0	647.9	645.7	645.4	645.7	647.9	650.0	656.6
694.1	20°	676.7	668.3	659.8	657.1	654.4	653.6	654.4	657.1	659.8	668.3
695.2	22.5°	677.1	668.3	659.4	656.4	653.4	652.2	653.4	656.4	659.4	668.3
679.4	25°	663.4	655.7	648.1	645.2	642.5	640.8	642.5	645.2	648.1	655.7
649.0	27.5°	636.6	631.4	626.2	625.0	623.7	623.3	623.7	625.0	626.2	631.4
612.4	30°	603.5	600.9	598.2	598.2	598.2	598.6	598.2	598.2	598.2	600.9
577.4	32.5°	570.3	568.6	566.8	567.1	567.3	567.7	567.3	567.1	566.8	568.6
547.5	35°	541.0	538.3	535.7	535.2	534.6	534.3	534.6	535.2	535.7	538.3
522.1	37.5°	516.0	511.2	506.5	504.0	501.4	500.0	501.4	504.0	506.5	511.2
498.3	40°	493.2	486.2	479.3	474.6	469.9	467.2	469.9	474.6	479.3	486.2
474.3	42.5°	470.0	461.4	452.7	445.9	439.1	434.6	439.1	445.9	452.7	461.4
451.1	45°	447.2	437.3	427.4	419.4	411.4	406.3	411.4	419.4	427.4	437.3
431.9	47.5°	429.1	420.4	411.6	404.2	396.8	391.8	396.8	404.2	411.6	420.4
418.5	50°	418.4	411.4	404.3	397.5	390.6	385.9	390.6	397.5	404.3	411.4
409.7	52.5°	411.1	405.4	399.7	393.5	387.4	383.0	387.4	393.5	399.7	405.4
402.3	55°	404.3	399.3	394.4	389.0	383.6	379.6	383.6	389.0	394.4	399.3
395.1	57.5°	397.1	392.1	387.0	381.7	376.4	372.3	376.4	381.7	387.0	392.1
384.9	60°	387.1	382.2	377.3	371.8	366.3	362.1	366.3	371.8	377.3	382.2
369.0	62.5°	371.2	366.7	362.3	356.5	350.7	345.6	350.7	356.5	362.3	366.7
347.4	65°	349.7	345.4	341.1	335.5	329.9	325.5	329.9	335.5	341.1	345.4
322.9	67.5°	325.1	321.2	317.2	312.0	306.8	302.8	306.8	312.0	317.2	321.2
296.7	70°	298.8	295.6	292.4	287.4	282.5	277.9	282.5	287.4	292.4	295.6
267.4	72.5°	269.9	267.3	264.6	259.8	255.1	250.7	255.1	259.8	264.6	267.3
232.9	75°	235.5	234.2	232.9	228.9	224.9	220.7	224.9	228.9	232.9	234.2
199.6	77.5°	202.1	200.2	198.4	194.3	190.3	187.0	190.3	194.3	198.4	200.2
161.1	80°	164.3	163.5	162.8	157.3	151.9	145.6	151.9	157.3	162.8	163.5
117.2	82.5°	122.7	122.3	122.0	117.4	112.8	108.8	112.8	117.4	122.0	122.3
71.1	85°	77.9	77.3	76.8	73.2	69.6	66.0	69.6	73.2	76.8	77.3
31.0	87.5°	33.8	33.1	32.4	30.5	28.7	26.9	28.7	30.5	32.4	33.1
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°
738.3	0°	738.3	738.3	738.3	738.3	738.3	738.3	738.3	738.3	738.3	738.3
680.8	2.5°	683.5	686.2	689.5	692.8	697.1	701.4	705.7	710.0	714.8	719.7
639.4	5°	643.1	646.8	652.1	657.4	664.3	671.2	678.8	686.4	695.0	703.6
614.4	7.5°	618.8	623.3	629.6	635.9	644.3	652.7	662.3	671.8	683.2	694.5
606.9	10°	611.9	616.8	624.4	631.9	641.4	650.9	661.2	671.5	682.8	694.1
618.0	12.5°	624.4	630.8	640.4	650.0	659.8	669.7	677.7	685.8	693.3	700.8
641.1	15°	650.7	660.4	674.1	687.9	696.4	704.9	707.0	709.1	708.1	707.1
663.2	17.5°	677.5	691.8	709.9	728.1	734.9	741.8	735.3	728.7	716.4	704.0
676.7	20°	694.1	711.7	732.4	753.2	756.4	759.5	745.8	732.1	710.6	689.1
677.1	22.5°	695.2	713.2	733.0	752.9	751.0	749.0	731.2	713.3	688.8	664.3
663.4	25°	679.4	695.4	711.7	727.9	721.4	714.8	697.2	679.6	657.6	635.6
636.6	27.5°	649.0	661.5	673.0	684.6	677.3	670.0	655.8	641.7	623.7	605.6
603.5	30°	612.4	621.3	630.2	639.0	633.0	627.1	615.4	603.7	588.6	573.6
570.3	32.5°	577.4	584.5	592.6	600.7	594.1	587.5	576.3	565.0	553.0	541.0
541.0	35°	547.5	554.1	559.8	565.6	557.7	549.7	538.6	527.5	518.4	509.2
516.0	37.5°	522.1	528.1	530.8	533.5	523.7	513.9	502.7	491.7	485.1	478.6
493.2	40°	498.3	503.4	502.8	502.2	490.8	479.6	468.9	458.2	453.4	448.7
470.0	42.5°	474.3	478.6	475.4	472.1	459.9	447.8	437.6	427.4	423.6	419.7
447.2	45°	451.1	455.0	450.3	445.6	433.0	420.4	410.7	401.1	397.8	394.6
429.1	47.5°	431.9	434.6	429.2	423.8	411.4	398.9	389.5	380.0	377.0	374.0
418.4	50°	418.5	418.7	411.8	404.8	393.7	382.5	373.6	364.8	360.0	355.2
411.1	52.5°	409.7	408.2	400.0	391.8	381.4	371.0	362.9	354.7	347.6	340.4
404.3	55°	402.3	400.2	391.6	382.9	373.8	364.7	355.9	347.1	337.0	326.8
397.1	57.5°	395.1	393.0	384.3	375.5	366.5	357.5	347.2	336.8	325.9	315.0
387.1	60°	384.9	382.6	373.8	365.0	355.9	346.7	334.9	323.0	313.4	303.8
371.2	62.5°	369.0	366.8	358.8	350.7	341.0	331.2	317.4	303.6	297.5	291.4
349.7	65°	347.4	345.2	338.1	331.0	321.7	312.3	297.5	282.7	280.4	278.1
325.1	67.5°	322.9	320.8	314.6	308.5	299.7	290.8	277.1	263.5	264.2	264.9
298.8	70°	296.7	294.6	289.1	283.6	275.9	268.3	256.3	244.3	246.8	249.4
269.9	72.5°	267.4	264.9	259.5	254.1	247.2	240.3	230.9	221.4	225.1	228.9
235.5	75°	232.9	230.3	225.3	220.4	214.1	207.9	200.9	193.8	197.4	201.0
202.1	77.5°	199.6	197.2	192.0	186.8	181.5	176.1	170.4	164.7	168.3	171.9
164.3	80°	161.1	157.9	153.9	150.0	145.5	140.9	136.2	131.5	134.5	137.5
122.7	82.5°	117.2	111.7	103.3	94.9	96.5	98.1	98.5	98.9	101.0	103.2
77.9	85°	71.1	64.3	56.4	48.6	53.0	57.4	59.4	61.5	63.9	66.3
33.8	87.5°	31.0	28.3	25.0	21.7	25.0	28.4	28.5	28.6	29.0	29.5
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
738.3	0°	738.3	738.3	738.3	738.3	738.3	738.3	738.3	738.3	738.3	738.3
725.1	2.5°	730.6	737.3	743.3	749.6	755.8	762.3	768.8	775.3	781.8	787.9
713.9	5°	724.1	735.9	747.8	760.4	773.0	786.5	800.0	813.4	826.8	840.3
708.1	7.5°	721.8	737.0	753.2	770.8	788.4	808.4	828.4	848.9	869.4	891.6
708.5	10°	722.9	739.3	759.3	780.2	801.0	825.2	849.5	876.6	903.7	931.8
712.6	12.5°	724.3	739.6	760.6	784.2	807.7	836.3	864.9	895.6	926.3	957.2
712.7	15°	718.3	730.5	753.8	781.1	808.3	841.3	874.2	907.5	940.8	973.0
702.0	17.5°	699.9	707.4	734.8	767.6	800.4	838.6	876.9	913.2	949.6	982.2
679.5	20°	669.9	671.8	703.8	744.4	785.0	831.4	877.7	917.7	957.6	991.5
650.0	22.5°	635.8	631.9	668.3	717.2	766.1	822.5	878.9	923.7	968.5	1003.1
619.2	25°	602.7	592.2	629.5	686.8	744.1	813.7	883.3	934.6	985.7	1019.7
589.7	27.5°	573.8	561.1	595.0	659.0	723.0	807.8	892.7	951.6	1010.4	1042.8
561.0	30°	548.4	538.4	566.9	635.8	704.6	805.1	905.5	973.6	1041.6	1072.9
533.6	32.5°	526.1	521.7	544.6	615.7	686.8	801.7	916.5	996.5	1076.5	1107.5
507.2	35°	505.1	507.0	526.1	596.0	666.0	795.3	924.6	1022.7	1120.8	1150.5
480.8	37.5°	483.1	489.8	506.5	572.9	639.2	784.3	929.5	1052.0	1174.6	1212.4
453.8	40°	458.9	469.3	484.4	545.2	606.0	769.2	932.5	1089.3	1246.0	1301.1
426.5	42.5°	433.3	446.3	460.3	514.7	569.1	753.6	938.2	1138.0	1337.7	1417.2
401.2	45°	407.8	420.4	434.6	482.3	530.0	739.2	948.4	1202.0	1455.7	1563.0
379.5	47.5°	385.1	395.9	414.2	456.7	499.1	727.2	955.3	1270.3	1585.4	1736.3
360.1	50°	365.0	377.6	401.7	439.6	477.6	714.2	950.8	1333.7	1716.6	1944.1
345.2	52.5°	350.1	367.7	395.3	428.4	461.5	692.2	922.9	1374.8	1826.7	2162.4
334.5	55°	342.2	368.7	394.4	420.3	446.1	655.7	865.2	1365.7	1866.2	2356.0
326.2	57.5°	337.4	369.7	392.4	410.6	428.9	604.2	779.5	1301.9	1824.4	2493.2
318.4	60°	332.9	366.6	381.6	395.9	410.3	537.4	664.6	1183.2	1701.8	2527.4
309.5	62.5°	327.7	358.9	360.8	370.3	379.9	457.5	535.1	1022.7	1510.2	2383.1
297.4	65°	316.7	340.5	340.3	344.8	349.3	385.5	421.8	858.9	1296.0	2178.9
281.0	67.5°	297.1	310.5	311.1	308.6	306.1	316.4	326.7	698.4	1070.1	1935.8
260.8	70°	272.3	276.6	276.6	265.0	253.3	250.4	247.5	549.9	852.3	1670.6
236.7	72.5°	244.5	244.5	241.7	225.2	208.7	199.8	190.9	420.4	649.9	1383.1
207.1	75°	213.1	214.2	201.4	182.8	164.3	156.3	148.2	305.1	462.0	1053.6
176.8	77.5°	181.6	182.2	161.1	143.1	125.1	119.6	114.1	206.8	299.4	737.4
141.6	80°	145.7	145.8	120.5	105.3	90.1	87.8	85.6	133.2	180.9	475.1
105.2	82.5°	107.1	106.0	84.4	73.2	62.0	61.5	61.1	81.9	102.8	275.0
68.4	85°	70.5	69.0	53.0	44.8	36.5	36.8	37.0	43.8	50.7	123.7
30.3	87.5°	31.2	29.2	22.5	19.2	15.8	16.0	16.2	18.2	20.1	40.5
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
738.3	0°	738.3	738.3	738.3	738.3	738.3	738.3	738.3	738.3	738.3	738.3
794.0	2.5°	797.0	800.0	804.3	808.5	811.1	813.6	814.9	816.2	815.6	816.2
853.7	5°	864.2	874.8	885.2	895.7	901.3	907.0	910.4	913.9	916.5	913.9
913.8	7.5°	930.9	948.0	963.4	978.8	988.0	997.3	1002.3	1007.3	1009.7	1007.3
959.8	10°	980.1	1000.3	1018.3	1036.4	1047.3	1058.2	1063.1	1067.9	1069.7	1067.9
988.0	12.5°	1009.9	1031.8	1048.2	1064.4	1072.4	1080.3	1082.9	1085.6	1085.9	1085.6
1005.2	15°	1024.1	1043.0	1053.2	1063.5	1063.7	1064.0	1061.2	1058.4	1055.0	1058.4
1014.8	17.5°	1027.6	1040.3	1040.5	1040.7	1029.2	1017.8	1007.3	996.7	989.3	996.7
1025.4	20°	1029.9	1034.3	1020.9	1007.4	982.1	956.8	938.3	919.9	908.5	919.9
1037.7	22.5°	1031.9	1026.1	998.2	970.3	933.1	895.8	872.7	849.7	837.2	849.7
1053.6	25°	1035.2	1016.8	974.4	932.1	886.9	841.6	817.4	793.2	781.3	793.2
1075.1	27.5°	1042.2	1009.3	953.2	897.2	847.0	796.9	773.0	749.2	738.0	749.2
1104.2	30°	1055.1	1006.0	937.0	868.0	815.7	763.5	741.4	719.2	708.8	719.2
1138.4	32.5°	1071.2	1004.0	925.9	847.9	798.8	749.7	732.3	714.9	707.4	714.9
1180.1	35°	1097.8	1015.6	934.2	852.9	818.8	784.7	780.6	776.6	776.0	776.6
1250.2	37.5°	1153.4	1056.7	982.7	908.8	906.6	904.4	922.9	941.4	951.0	941.4
1356.2	40°	1250.9	1145.7	1090.7	1035.7	1074.5	1113.3	1158.4	1203.4	1225.8	1203.4
1496.7	42.5°	1392.3	1287.8	1256.2	1224.5	1309.1	1393.8	1475.7	1557.6	1605.8	1557.6
1670.2	45°	1576.4	1482.6	1468.6	1454.6	1590.2	1725.9	1860.5	1995.2	2076.9	1995.2
1887.2	47.5°	1796.0	1704.7	1701.8	1699.0	1894.7	2090.3	2287.3	2484.4	2600.1	2484.4
2171.6	50°	2058.9	1946.2	1946.7	1947.2	2199.3	2451.5	2711.6	2971.8	3129.1	2971.8
2498.2	52.5°	2361.7	2225.2	2211.4	2197.6	2498.7	2799.9	3121.8	3443.7	3632.2	3443.7
2845.8	55°	2710.9	2576.1	2522.3	2468.5	2803.7	3138.8	3522.6	3906.3	4130.5	3906.3
3161.9	57.5°	3088.5	3015.0	2907.1	2799.2	3137.7	3476.2	3910.8	4345.4	4623.5	4345.4
3353.0	60°	3467.1	3581.2	3447.2	3313.2	3633.5	3953.8	4419.1	4884.5	5185.0	4884.5
3256.0	62.5°	3567.6	3879.3	3864.2	3849.1	4142.5	4435.9	4878.7	5321.4	5599.2	5321.4
3061.8	65°	3354.3	3646.8	3704.7	3762.5	4135.4	4508.3	4937.6	5366.9	5603.4	5366.9
2801.6	67.5°	3079.8	3358.0	3385.1	3412.2	3800.7	4189.2	4620.4	5051.5	5236.8	5051.5
2488.9	70°	2791.5	3094.2	3106.3	3118.4	3465.9	3813.3	4184.3	4555.3	4658.3	4555.3
2116.4	72.5°	2463.6	2810.9	2819.6	2828.3	3100.2	3372.0	3649.9	3927.7	3938.2	3927.7
1645.1	75°	2004.5	2363.9	2396.2	2428.5	2639.9	2851.4	3047.0	3242.7	3190.3	3242.7
1175.4	77.5°	1510.9	1846.4	1892.6	1938.8	2099.5	2260.3	2399.1	2537.8	2447.7	2537.8
769.3	80°	1051.6	1333.8	1391.2	1448.6	1570.0	1691.4	1764.2	1837.1	1692.2	1837.1
447.2	82.5°	640.1	833.1	897.2	961.4	1045.0	1128.5	1158.9	1189.3	1075.4	1189.3
196.8	85°	299.2	401.6	456.1	510.7	579.3	648.0	665.2	682.5	591.3	682.5
60.9	87.5°	95.3	129.8	160.2	190.6	224.9	259.3	260.8	262.2	220.1	262.2
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°
738.3	0°	738.3	738.3	738.3	738.3	738.3	738.3	738.3
814.9	2.5°	813.6	811.1	808.5	804.3	800.0	797.0	794.0
910.4	5°	907.0	901.3	895.7	885.2	874.8	864.2	853.7
1002.3	7.5°	997.3	988.0	978.8	963.4	948.0	930.9	913.8
1063.1	10°	1058.2	1047.3	1036.4	1018.3	1000.3	980.1	959.8
1082.9	12.5°	1080.3	1072.4	1064.4	1048.2	1031.8	1009.9	988.0
1061.2	15°	1064.0	1063.7	1063.5	1053.2	1043.0	1024.1	1005.2
1007.3	17.5°	1017.8	1029.2	1040.7	1040.5	1040.3	1027.6	1014.8
938.3	20°	956.8	982.1	1007.4	1020.9	1034.3	1029.9	1025.4
872.7	22.5°	895.8	933.1	970.3	998.2	1026.1	1031.9	1037.7
817.4	25°	841.6	886.9	932.1	974.4	1016.8	1035.2	1053.6
773.0	27.5°	796.9	847.0	897.2	953.2	1009.3	1042.2	1075.1
741.4	30°	763.5	815.7	868.0	937.0	1006.0	1055.1	1104.2
732.3	32.5°	749.7	798.8	847.9	925.9	1004.0	1071.2	1138.4
780.6	35°	784.7	818.8	852.9	934.2	1015.6	1097.8	1180.1
922.9	37.5°	904.4	906.6	908.8	982.7	1056.7	1153.4	1250.2
1158.4	40°	1113.3	1074.5	1035.7	1090.7	1145.7	1250.9	1356.2
1475.7	42.5°	1393.8	1309.1	1224.5	1256.2	1287.8	1392.3	1496.7
1860.5	45°	1725.9	1590.2	1454.6	1468.6	1482.6	1576.4	1670.2
2287.3	47.5°	2090.3	1894.7	1699.0	1701.8	1704.7	1796.0	1887.2
2711.6	50°	2451.5	2199.3	1947.2	1946.7	1946.2	2058.9	2171.6
3121.8	52.5°	2799.9	2498.7	2197.6	2211.4	2225.2	2361.7	2498.2
3522.6	55°	3138.8	2803.7	2468.5	2522.3	2576.1	2710.9	2845.8
3910.8	57.5°	3476.2	3137.7	2799.2	2907.1	3015.0	3088.5	3161.9
4419.1	60°	3953.8	3633.5	3313.2	3447.2	3581.2	3467.1	3353.0
4878.7	62.5°	4435.9	4142.5	3849.1	3864.2	3879.3	3567.6	3256.0
4937.6	65°	4508.3	4135.4	3762.5	3704.7	3646.8	3354.3	3061.8
4620.4	67.5°	4189.2	3800.7	3412.2	3385.1	3358.0	3079.8	2801.6
4184.3	70°	3813.3	3465.9	3118.4	3106.3	3094.2	2791.5	2488.9
3649.9	72.5°	3372.0	3100.2	2828.3	2819.6	2810.9	2463.6	2116.4
3047.0	75°	2851.4	2639.9	2428.5	2396.2	2363.9	2004.5	1645.1
2399.1	77.5°	2260.3	2099.5	1938.8	1892.6	1846.4	1510.9	1175.4
1764.2	80°	1691.4	1570.0	1448.6	1391.2	1333.8	1051.6	769.3
1158.9	82.5°	1128.5	1045.0	961.4	897.2	833.1	640.1	447.2
665.2	85°	648.0	579.3	510.7	456.1	401.6	299.2	196.8
260.8	87.5°	259.3	224.9	190.6	160.2	129.8	95.3	60.9
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)