

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: P945871

Luminaire Tested: **GALN-SB1C-940-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945871
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-SB1C-940-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 90 CRI, 4000K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5409 lumens
Efficiency: N/A
Efficacy: 99.4 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

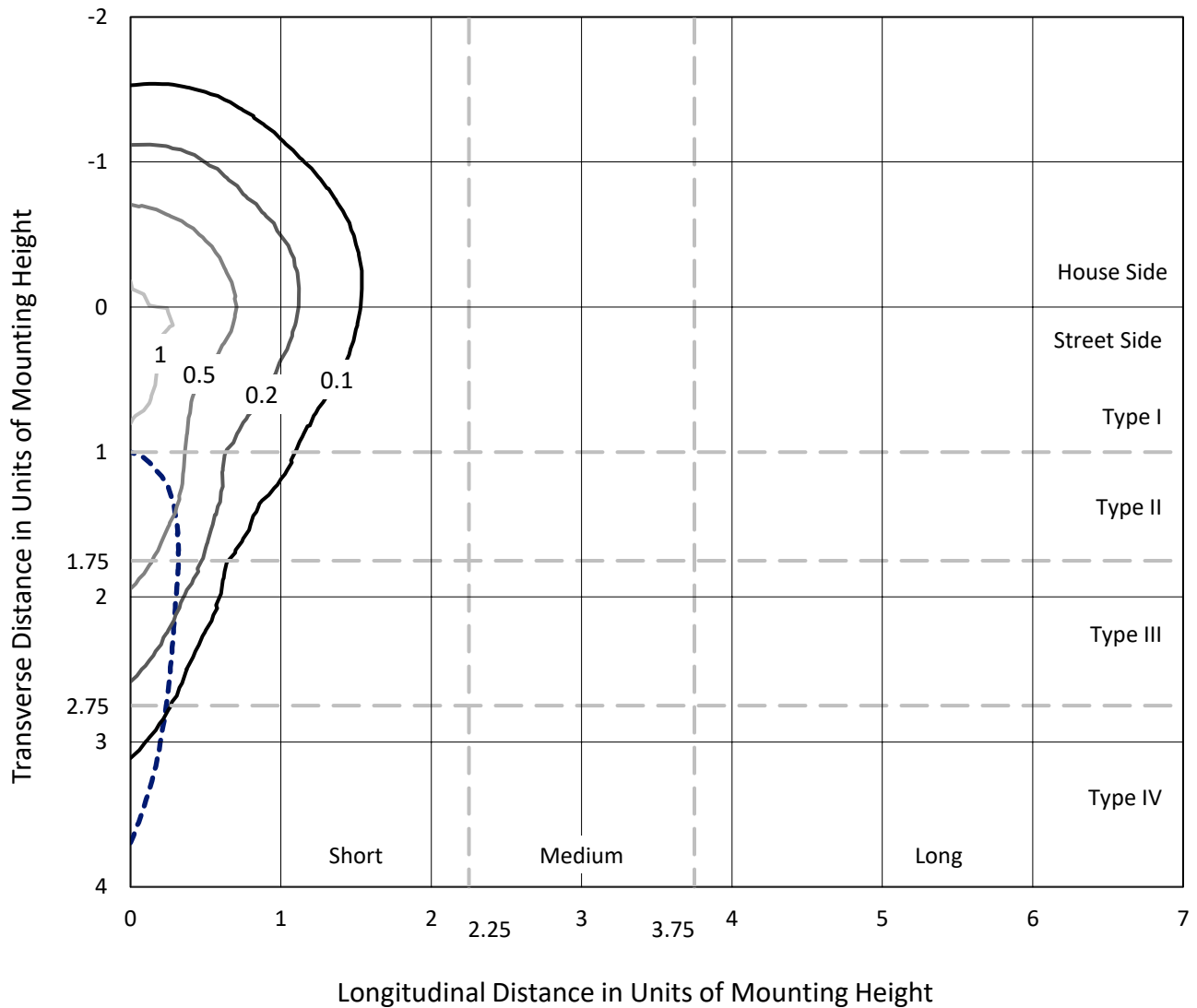
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

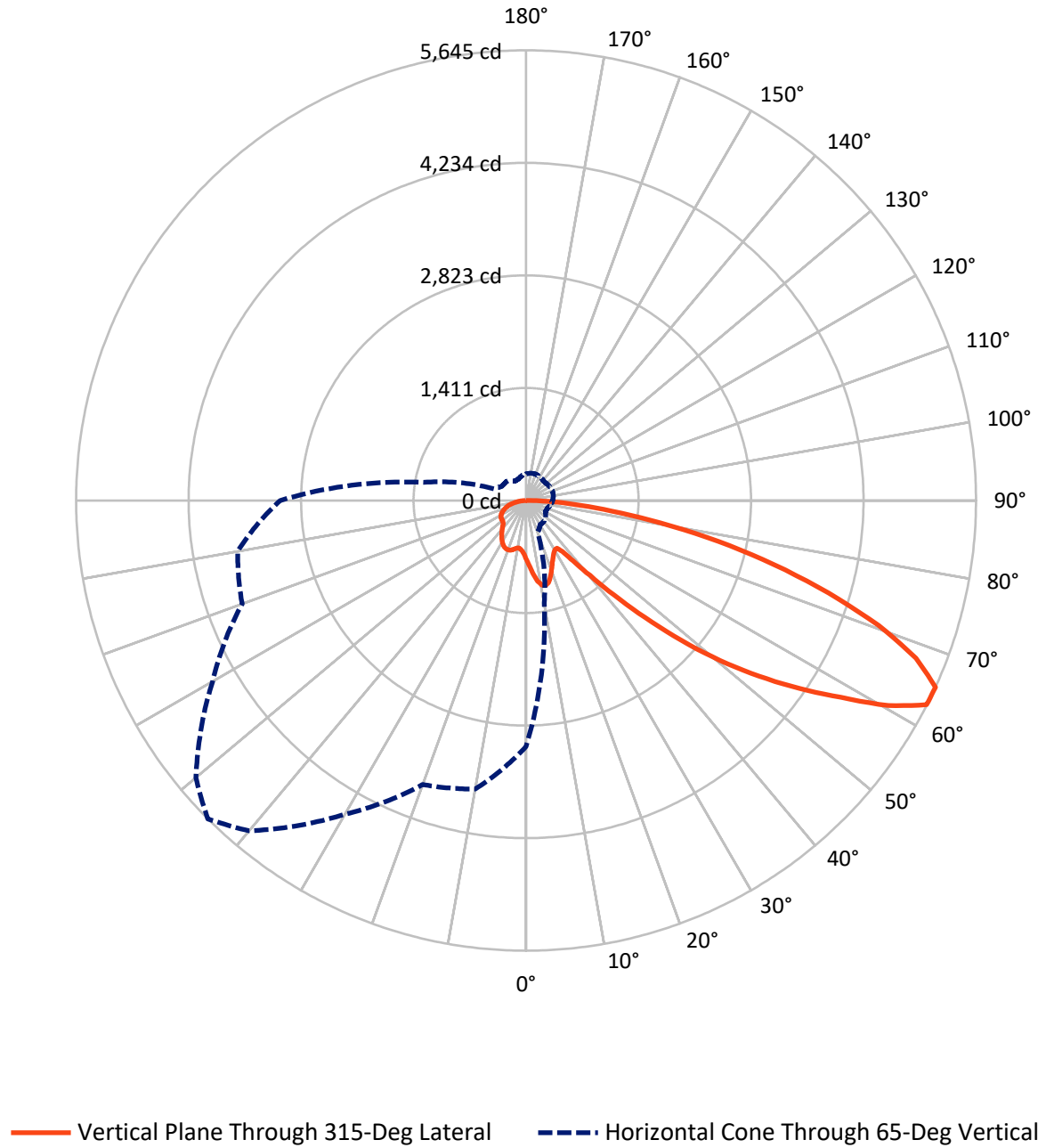
× Max cd
 - - - 1/2 Max cd



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	1374.7	0.0	1374.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	4034.3	0.0	4034.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	5409.0	0.0	5409.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.8	1.4
10°-20°	231.6	4.3
20°-30°	357.8	6.6
30°-40°	453.4	8.4
40°-50°	683.8	12.6
50°-60°	1104.8	20.4
60°-70°	1377.3	25.5
70°-80°	903.2	16.7
80°-90°	223.3	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°	5409.0	100.0
0°-180°	5409.0	100.0

Coefficient of Utilization



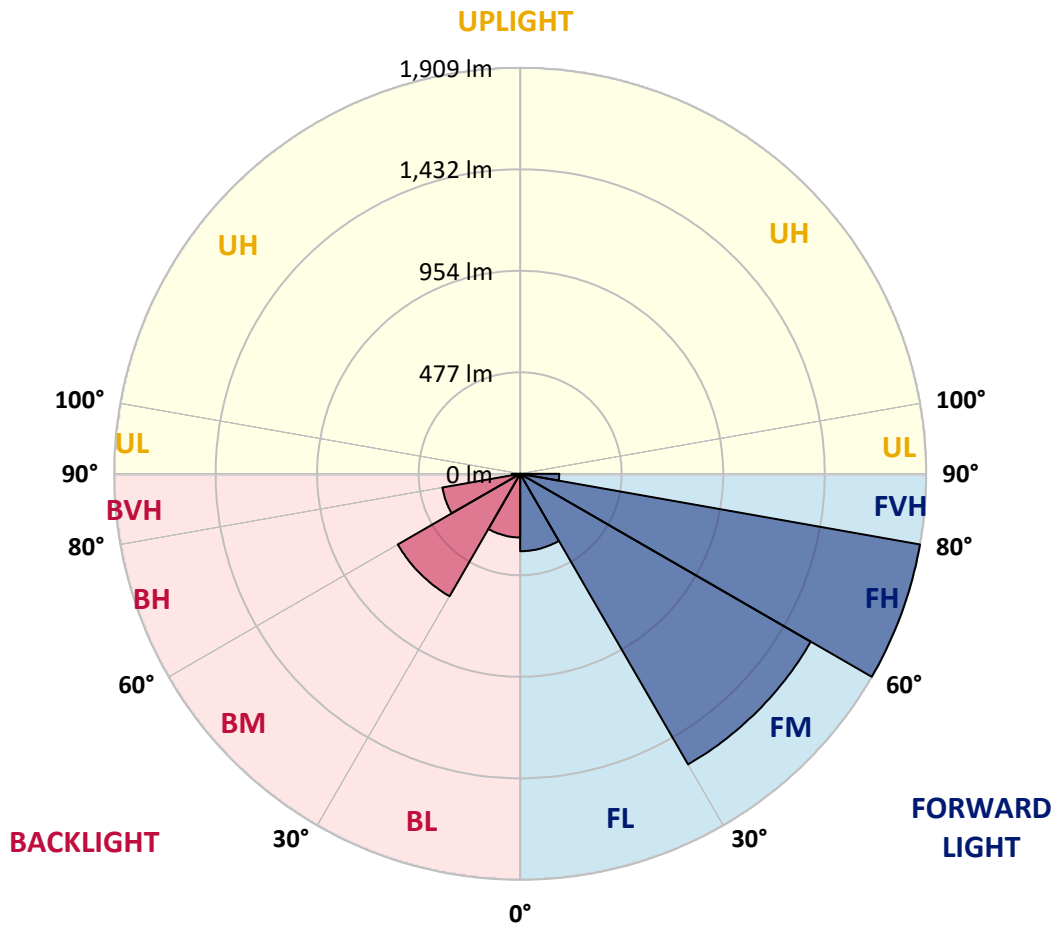
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	363.8	6.7			
FM (30°-60°)	1577.7	29.2			
FH (60°-80°)	1908.9	35.3			G2/5000
FVH (80°-90°)	183.9	3.4			G2/225
BL (0°-30°)	299.4	5.5	B1/500		
BM (30°-60°)	664.3	12.3	B1/1000		
BH (60°-80°)	371.7	6.9	B1/500		G1/500
BVH (80°-90°)	39.3	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°	743.8	743.8	743.8	743.8	743.8	743.8	743.8	743.8	743.8	743.8
2.5°	799.9	793.7	787.6	781.1	774.6	768.0	761.4	755.1	748.9	742.8
5°	860.1	846.5	833.0	819.4	805.9	792.3	778.7	766.0	753.3	741.4
7.5°	920.6	898.2	875.9	855.2	834.5	814.4	794.3	776.6	758.9	742.5
10°	967.0	938.7	910.4	883.1	855.8	831.4	806.9	786.0	765.0	744.8
12.5°	995.4	964.3	933.2	902.3	871.4	842.5	813.7	790.0	766.3	745.1
15°	1012.6	980.2	947.9	914.3	880.7	847.5	814.3	786.9	759.4	735.9
17.5°	1022.3	989.5	956.6	920.0	883.4	844.9	806.3	773.3	740.3	712.7
20°	1033.0	998.9	964.8	924.5	884.3	837.6	790.9	749.9	709.0	676.9
22.5°	1045.5	1010.6	975.7	930.6	885.4	828.6	771.8	722.5	673.2	636.6
25°	1061.4	1027.3	993.1	941.5	889.9	819.8	749.6	691.9	634.2	596.7
27.5°	1083.1	1050.5	1017.9	958.6	899.3	813.9	728.4	663.9	599.4	565.3
30°	1112.4	1080.9	1049.4	980.8	912.2	811.1	709.9	640.5	571.1	542.4
32.5°	1146.9	1115.7	1084.6	1004.0	923.4	807.7	691.9	620.3	548.7	525.6
35°	1188.9	1159.0	1129.1	1030.3	931.5	801.2	670.9	600.5	530.0	510.7
37.5°	1259.5	1221.4	1183.4	1059.9	936.4	790.2	643.9	577.1	510.3	493.5
40°	1366.3	1310.8	1255.3	1097.4	939.4	775.0	610.5	549.3	488.1	472.8
42.5°	1507.8	1427.7	1347.7	1146.4	945.2	759.3	573.3	518.5	463.7	449.7
45°	1682.6	1574.6	1466.6	1211.0	955.4	744.7	533.9	485.9	437.8	423.6
47.5°	1901.3	1749.2	1597.2	1279.8	962.4	732.6	502.8	460.1	417.3	398.9
50°	2187.8	1958.6	1729.4	1343.6	957.8	719.5	481.1	442.9	404.7	380.5
52.5°	2516.8	2178.6	1840.3	1385.0	929.7	697.3	464.9	431.6	398.3	370.5
55°	2867.0	2373.5	1880.2	1375.9	871.6	660.6	449.5	423.4	397.4	371.5
57.5°	3185.5	2511.7	1838.0	1311.6	785.3	608.7	432.1	413.7	395.3	372.5
60°	3378.0	2546.3	1714.5	1192.0	669.5	541.4	413.3	398.9	384.4	369.3
62.5°	3280.2	2400.9	1521.5	1030.3	539.1	460.9	382.7	373.1	363.5	361.6
65°	3084.6	2195.1	1305.6	865.3	424.9	388.4	351.9	347.4	342.8	343.1
67.5°	2822.4	1950.2	1078.1	703.6	329.1	318.8	308.4	310.9	313.4	312.8
70°	2507.5	1683.1	858.7	554.0	249.3	252.3	255.2	267.0	278.7	278.7
72.5°	2132.2	1393.4	654.7	423.5	192.3	201.2	210.2	226.9	243.5	246.3
75°	1657.4	1061.4	465.5	307.4	149.3	157.4	165.5	184.2	202.9	215.8
77.5°	1184.2	742.9	301.6	208.3	115.0	120.5	126.0	144.1	162.3	183.5
80°	775.0	478.6	182.2	134.2	86.2	88.5	90.8	106.1	121.4	146.8
82.5°	450.5	277.0	103.5	82.5	61.6	62.0	62.4	73.8	85.1	106.7
85°	198.2	124.6	51.0	44.1	37.2	37.0	36.8	45.1	53.4	69.5
87.5°	61.4	40.8	20.3	18.3	16.3	16.1	15.9	19.3	22.7	29.4
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°
743.8	0°	743.8	743.8	743.8	743.8	743.8	743.8	743.8	743.8	743.8	743.8
736.0	2.5°	730.5	725.1	720.2	715.2	710.9	706.6	702.3	698.0	694.6	691.3
729.5	5°	719.2	708.8	700.1	691.5	683.8	676.2	669.3	662.3	657.0	651.6
727.2	7.5°	713.4	699.7	688.3	676.9	667.2	657.6	649.1	640.6	634.2	627.9
728.3	10°	713.8	699.3	687.9	676.5	666.1	655.7	646.2	636.6	629.0	621.4
729.7	12.5°	717.9	706.1	698.5	690.9	682.8	674.7	664.8	654.9	645.2	635.5
723.7	15°	718.0	712.3	713.4	714.4	712.3	710.2	701.6	693.0	679.2	665.4
705.1	17.5°	707.2	709.2	721.7	734.1	740.8	747.4	740.4	733.5	715.2	696.9
674.9	20°	684.6	694.3	715.9	737.5	751.3	765.2	762.0	758.8	737.8	717.0
640.5	22.5°	654.9	669.2	693.9	718.6	736.6	754.6	756.6	758.5	738.5	718.5
607.2	25°	623.8	640.3	662.5	684.7	702.4	720.2	726.8	733.4	717.0	700.6
578.1	27.5°	594.1	610.1	628.3	646.5	660.7	674.9	682.3	689.7	678.0	666.4
552.5	30°	565.2	577.9	593.0	608.2	619.9	631.8	637.8	643.7	634.9	626.0
530.1	32.5°	537.6	545.1	557.2	569.3	580.6	591.9	598.5	605.2	597.1	588.9
508.9	35°	510.9	513.0	522.2	531.4	542.6	553.8	561.8	569.8	564.0	558.2
486.7	37.5°	484.4	482.1	488.7	495.3	506.5	517.7	527.6	537.4	534.7	532.1
462.4	40°	457.2	452.0	456.8	461.6	472.4	483.1	494.5	505.9	506.5	507.2
436.5	42.5°	429.7	422.8	426.7	430.6	440.8	451.1	463.4	475.6	478.9	482.2
410.9	45°	404.2	397.5	400.8	404.1	413.8	423.5	436.2	449.0	453.7	458.4
387.9	47.5°	382.3	376.7	379.8	382.9	392.4	401.9	414.4	427.0	432.4	437.8
367.8	50°	362.8	357.8	362.6	367.5	376.4	385.4	396.6	407.9	414.8	421.8
352.7	52.5°	347.8	342.9	350.1	357.3	365.6	373.7	384.2	394.7	403.0	411.2
344.7	55°	337.0	329.2	339.5	349.7	358.5	367.4	376.6	385.7	394.5	403.2
339.9	57.5°	328.6	317.3	328.3	339.4	349.7	360.1	369.2	378.3	387.1	395.9
335.4	60°	320.8	306.1	315.8	325.4	337.4	349.3	358.5	367.8	376.6	385.4
330.2	62.5°	311.8	293.5	299.7	305.8	319.7	333.6	343.5	353.3	361.4	369.6
319.1	65°	299.6	280.1	282.5	284.8	299.7	314.7	324.1	333.5	340.6	347.8
299.3	67.5°	283.1	266.9	266.2	265.4	279.2	293.0	301.9	310.8	317.0	323.1
274.3	70°	262.8	251.2	248.7	246.1	258.2	270.3	278.0	285.7	291.3	296.8
246.4	72.5°	238.5	230.6	226.8	223.0	232.6	242.1	249.1	256.0	261.5	266.9
214.7	75°	208.6	202.5	198.9	195.3	202.4	209.4	215.7	222.1	227.0	232.0
182.9	77.5°	178.1	173.2	169.5	165.9	171.6	177.4	182.8	188.2	193.5	198.6
146.8	80°	142.7	138.6	135.5	132.4	137.2	142.0	146.6	151.1	155.1	159.0
107.9	82.5°	105.9	103.9	101.8	99.6	99.2	98.8	97.2	95.6	104.1	112.5
71.1	85°	68.9	66.8	64.4	61.9	59.9	57.8	53.4	48.9	56.9	64.8
31.4	87.5°	30.5	29.7	29.2	28.8	28.7	28.6	25.2	21.8	25.1	28.5
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
743.8	0°	743.8	743.8	743.8	743.8	743.8	743.8	743.8	743.8	743.8	743.8
688.6	2.5°	685.8	683.7	681.6	679.7	677.7	675.3	677.7	679.7	681.6	683.7
647.9	5°	644.1	641.5	638.8	636.8	634.8	632.8	634.8	636.8	638.8	641.5
623.5	7.5°	619.0	615.9	612.9	611.1	609.3	607.9	609.3	611.1	612.9	615.9
616.4	10°	611.4	608.5	605.6	604.1	602.6	601.9	602.6	604.1	605.6	608.5
629.0	12.5°	622.6	619.4	616.2	614.9	613.6	613.4	613.6	614.9	616.2	619.4
655.6	15°	645.8	641.3	636.9	635.2	633.5	633.3	633.5	635.2	636.9	641.3
682.5	17.5°	668.1	661.5	654.9	652.7	650.5	650.2	650.5	652.7	654.9	661.5
699.3	20°	681.7	673.2	664.7	662.0	659.3	658.4	659.3	662.0	664.7	673.2
700.4	22.5°	682.2	673.3	664.3	661.3	658.3	657.0	658.3	661.3	664.3	673.3
684.5	25°	668.4	660.6	652.9	650.1	647.3	645.6	647.3	650.1	652.9	660.6
653.9	27.5°	641.3	636.1	630.9	629.6	628.3	627.9	628.3	629.6	630.9	636.1
617.0	30°	608.0	605.3	602.6	602.6	602.6	603.1	602.6	602.6	602.6	605.3
581.7	32.5°	574.5	572.8	571.1	571.3	571.5	572.0	571.5	571.3	571.1	572.8
551.6	35°	545.0	542.3	539.7	539.1	538.6	538.3	538.6	539.1	539.7	542.3
526.0	37.5°	519.9	515.1	510.3	507.7	505.2	503.8	505.2	507.7	510.3	515.1
502.0	40°	496.8	489.8	482.9	478.1	473.4	470.6	473.4	478.1	482.9	489.8
477.8	42.5°	473.5	464.8	456.1	449.2	442.3	437.8	442.3	449.2	456.1	464.8
454.4	45°	450.5	440.6	430.6	422.6	414.5	409.3	414.5	422.6	430.6	440.6
435.1	47.5°	432.3	423.5	414.6	407.2	399.7	394.7	399.7	407.2	414.6	423.5
421.6	50°	421.5	414.4	407.3	400.4	393.5	388.7	393.5	400.4	407.3	414.4
412.7	52.5°	414.2	408.4	402.7	396.5	390.3	385.9	390.3	396.5	402.7	408.4
405.3	55°	407.3	402.3	397.3	391.9	386.4	382.5	386.4	391.9	397.3	402.3
398.0	57.5°	400.1	395.0	389.9	384.6	379.2	375.0	379.2	384.6	389.9	395.0
387.7	60°	390.0	385.0	380.1	374.6	369.0	364.8	369.0	374.6	380.1	385.0
371.7	62.5°	373.9	369.5	365.0	359.2	353.3	348.2	353.3	359.2	365.0	369.5
350.0	65°	352.3	347.9	343.6	338.0	332.4	327.9	332.4	338.0	343.6	347.9
325.3	67.5°	327.5	323.5	319.6	314.4	309.1	305.1	309.1	314.4	319.6	323.5
298.9	70°	301.1	297.8	294.6	289.6	284.6	280.0	284.6	289.6	294.6	297.8
269.4	72.5°	271.9	269.3	266.6	261.8	257.0	252.6	257.0	261.8	266.6	269.3
234.6	75°	237.2	235.9	234.6	230.6	226.6	222.3	226.6	230.6	234.6	235.9
201.1	77.5°	203.6	201.7	199.8	195.8	191.7	188.4	191.7	195.8	199.8	201.7
162.3	80°	165.5	164.7	164.0	158.5	153.0	146.7	153.0	158.5	164.0	164.7
118.0	82.5°	123.6	123.2	122.9	118.3	113.7	109.6	113.7	118.3	122.9	123.2
71.6	85°	78.5	77.9	77.3	73.8	70.2	66.5	70.2	73.8	77.3	77.9
31.3	87.5°	34.0	33.3	32.6	30.8	28.9	27.1	28.9	30.8	32.6	33.3
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
743.8	0°	743.8	743.8	743.8	743.8	743.8	743.8	743.8	743.8	743.8	743.8
685.8	2.5°	688.6	691.3	694.6	698.0	702.3	706.6	710.9	715.2	720.2	725.1
644.1	5°	647.9	651.6	657.0	662.3	669.3	676.2	683.8	691.5	700.1	708.8
619.0	7.5°	623.5	627.9	634.2	640.6	649.1	657.6	667.2	676.9	688.3	699.7
611.4	10°	616.4	621.4	629.0	636.6	646.2	655.7	666.1	676.5	687.9	699.3
622.6	12.5°	629.0	635.5	645.2	654.9	664.8	674.7	682.8	690.9	698.5	706.1
645.8	15°	655.6	665.4	679.2	693.0	701.6	710.2	712.3	714.4	713.4	712.3
668.1	17.5°	682.5	696.9	715.2	733.5	740.4	747.4	740.8	734.1	721.7	709.2
681.7	20°	699.3	717.0	737.8	758.8	762.0	765.2	751.3	737.5	715.9	694.3
682.2	22.5°	700.4	718.5	738.5	758.5	756.6	754.6	736.6	718.6	693.9	669.2
668.4	25°	684.5	700.6	717.0	733.4	726.8	720.2	702.4	684.7	662.5	640.3
641.3	27.5°	653.9	666.4	678.0	689.7	682.3	674.9	660.7	646.5	628.3	610.1
608.0	30°	617.0	626.0	634.9	643.7	637.8	631.8	619.9	608.2	593.0	577.9
574.5	32.5°	581.7	588.9	597.1	605.2	598.5	591.9	580.6	569.3	557.2	545.1
545.0	35°	551.6	558.2	564.0	569.8	561.8	553.8	542.6	531.4	522.2	513.0
519.9	37.5°	526.0	532.1	534.7	537.4	527.6	517.7	506.5	495.3	488.7	482.1
496.8	40°	502.0	507.2	506.5	505.9	494.5	483.1	472.4	461.6	456.8	452.0
473.5	42.5°	477.8	482.2	478.9	475.6	463.4	451.1	440.8	430.6	426.7	422.8
450.5	45°	454.4	458.4	453.7	449.0	436.2	423.5	413.8	404.1	400.8	397.5
432.3	47.5°	435.1	437.8	432.4	427.0	414.4	401.9	392.4	382.9	379.8	376.7
421.5	50°	421.6	421.8	414.8	407.9	396.6	385.4	376.4	367.5	362.6	357.8
414.2	52.5°	412.7	411.2	403.0	394.7	384.2	373.7	365.6	357.3	350.1	342.9
407.3	55°	405.3	403.2	394.5	385.7	376.6	367.4	358.5	349.7	339.5	329.2
400.1	57.5°	398.0	395.9	387.1	378.3	369.2	360.1	349.7	339.4	328.3	317.3
390.0	60°	387.7	385.4	376.6	367.8	358.5	349.3	337.4	325.4	315.8	306.1
373.9	62.5°	371.7	369.6	361.4	353.3	343.5	333.6	319.7	305.8	299.7	293.5
352.3	65°	350.0	347.8	340.6	333.5	324.1	314.7	299.7	284.8	282.5	280.1
327.5	67.5°	325.3	323.1	317.0	310.8	301.9	293.0	279.2	265.4	266.2	266.9
301.1	70°	298.9	296.8	291.3	285.7	278.0	270.3	258.2	246.1	248.7	251.2
271.9	72.5°	269.4	266.9	261.5	256.0	249.1	242.1	232.6	223.0	226.8	230.6
237.2	75°	234.6	232.0	227.0	222.1	215.7	209.4	202.4	195.3	198.9	202.5
203.6	77.5°	201.1	198.6	193.5	188.2	182.8	177.4	171.6	165.9	169.5	173.2
165.5	80°	162.3	159.0	155.1	151.1	146.6	142.0	137.2	132.4	135.5	138.6
123.6	82.5°	118.0	112.5	104.1	95.6	97.2	98.8	99.2	99.6	101.8	103.9
78.5	85°	71.6	64.8	56.9	48.9	53.4	57.8	59.9	61.9	64.4	66.8
34.0	87.5°	31.3	28.5	25.1	21.8	25.2	28.6	28.7	28.8	29.2	29.7
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°
743.8	0°	743.8	743.8	743.8	743.8	743.8	743.8	743.8	743.8	743.8	743.8
730.5	2.5°	736.0	742.8	748.9	755.1	761.4	768.0	774.6	781.1	787.6	793.7
719.2	5°	729.5	741.4	753.3	766.0	778.7	792.3	805.9	819.4	833.0	846.5
713.4	7.5°	727.2	742.5	758.9	776.6	794.3	814.4	834.5	855.2	875.9	898.2
713.8	10°	728.3	744.8	765.0	786.0	806.9	831.4	855.8	883.1	910.4	938.7
717.9	12.5°	729.7	745.1	766.3	790.0	813.7	842.5	871.4	902.3	933.2	964.3
718.0	15°	723.7	735.9	759.4	786.9	814.3	847.5	880.7	914.3	947.9	980.2
707.2	17.5°	705.1	712.7	740.3	773.3	806.3	844.9	883.4	920.0	956.6	989.5
684.6	20°	674.9	676.9	709.0	749.9	790.9	837.6	884.3	924.5	964.8	998.9
654.9	22.5°	640.5	636.6	673.2	722.5	771.8	828.6	885.4	930.6	975.7	1010.6
623.8	25°	607.2	596.7	634.2	691.9	749.6	819.8	889.9	941.5	993.1	1027.3
594.1	27.5°	578.1	565.3	599.4	663.9	728.4	813.9	899.3	958.6	1017.9	1050.5
565.2	30°	552.5	542.4	571.1	640.5	709.9	811.1	912.2	980.8	1049.4	1080.9
537.6	32.5°	530.1	525.6	548.7	620.3	691.9	807.7	923.4	1004.0	1084.6	1115.7
510.9	35°	508.9	510.7	530.0	600.5	670.9	801.2	931.5	1030.3	1129.1	1159.0
484.4	37.5°	486.7	493.5	510.3	577.1	643.9	790.2	936.4	1059.9	1183.4	1221.4
457.2	40°	462.4	472.8	488.1	549.3	610.5	775.0	939.4	1097.4	1255.3	1310.8
429.7	42.5°	436.5	449.7	463.7	518.5	573.3	759.3	945.2	1146.4	1347.7	1427.7
404.2	45°	410.9	423.6	437.8	485.9	533.9	744.7	955.4	1211.0	1466.6	1574.6
382.3	47.5°	387.9	398.9	417.3	460.1	502.8	732.6	962.4	1279.8	1597.2	1749.2
362.8	50°	367.8	380.5	404.7	442.9	481.1	719.5	957.8	1343.6	1729.4	1958.6
347.8	52.5°	352.7	370.5	398.3	431.6	464.9	697.3	929.7	1385.0	1840.3	2178.6
337.0	55°	344.7	371.5	397.4	423.4	449.5	660.6	871.6	1375.9	1880.2	2373.5
328.6	57.5°	339.9	372.5	395.3	413.7	432.1	608.7	785.3	1311.6	1838.0	2511.7
320.8	60°	335.4	369.3	384.4	398.9	413.3	541.4	669.5	1192.0	1714.5	2546.3
311.8	62.5°	330.2	361.6	363.5	373.1	382.7	460.9	539.1	1030.3	1521.5	2400.9
299.6	65°	319.1	343.1	342.8	347.4	351.9	388.4	424.9	865.3	1305.6	2195.1
283.1	67.5°	299.3	312.8	313.4	310.9	308.4	318.8	329.1	703.6	1078.1	1950.2
262.8	70°	274.3	278.7	278.7	267.0	255.2	252.3	249.3	554.0	858.7	1683.1
238.5	72.5°	246.4	246.3	243.5	226.9	210.2	201.2	192.3	423.5	654.7	1393.4
208.6	75°	214.7	215.8	202.9	184.2	165.5	157.4	149.3	307.4	465.5	1061.4
178.1	77.5°	182.9	183.5	162.3	144.1	126.0	120.5	115.0	208.3	301.6	742.9
142.7	80°	146.8	146.8	121.4	106.1	90.8	88.5	86.2	134.2	182.2	478.6
105.9	82.5°	107.9	106.7	85.1	73.8	62.4	62.0	61.6	82.5	103.5	277.0
68.9	85°	71.1	69.5	53.4	45.1	36.8	37.0	37.2	44.1	51.0	124.6
30.5	87.5°	31.4	29.4	22.7	19.3	15.9	16.1	16.3	18.3	20.3	40.8
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°
743.8	0°	743.8	743.8	743.8	743.8	743.8	743.8	743.8	743.8	743.8	743.8
799.9	2.5°	802.9	805.9	810.3	814.6	817.1	819.7	821.0	822.3	821.7	822.3
860.1	5°	870.7	881.3	891.8	902.3	908.0	913.7	917.2	920.7	923.3	920.7
920.6	7.5°	937.8	955.0	970.5	986.0	995.4	1004.7	1009.8	1014.8	1017.2	1014.8
967.0	10°	987.4	1007.7	1025.9	1044.1	1055.1	1066.1	1071.0	1075.9	1077.7	1075.9
995.4	12.5°	1017.5	1039.5	1056.0	1072.4	1080.3	1088.3	1091.0	1093.7	1094.0	1093.7
1012.6	15°	1031.7	1050.7	1061.0	1071.4	1071.7	1072.0	1069.1	1066.2	1062.9	1066.2
1022.3	17.5°	1035.2	1048.1	1048.3	1048.5	1036.9	1025.3	1014.8	1004.1	996.7	1004.1
1033.0	20°	1037.5	1042.0	1028.5	1014.9	989.4	963.9	945.3	926.7	915.3	926.7
1045.5	22.5°	1039.6	1033.7	1005.6	977.5	940.0	902.5	879.2	856.0	843.4	856.0
1061.4	25°	1042.9	1024.3	981.7	939.1	893.5	847.9	823.5	799.1	787.2	799.1
1083.1	27.5°	1050.0	1016.8	960.3	903.8	853.3	802.8	778.8	754.8	743.5	754.8
1112.4	30°	1062.9	1013.5	944.0	874.4	821.8	769.2	746.9	724.6	714.1	724.6
1146.9	32.5°	1079.2	1011.5	932.8	854.2	804.7	755.3	737.8	720.2	712.7	720.2
1188.9	35°	1106.0	1023.1	941.2	859.2	824.9	790.5	786.5	782.4	781.7	782.4
1259.5	37.5°	1162.0	1064.5	990.0	915.5	913.3	911.1	929.8	948.4	958.1	948.4
1366.3	40°	1260.2	1154.2	1098.8	1043.4	1082.5	1121.6	1167.0	1212.4	1235.0	1212.4
1507.8	42.5°	1402.6	1297.4	1265.5	1233.6	1318.9	1404.2	1486.7	1569.3	1617.7	1569.3
1682.6	45°	1588.1	1493.6	1479.5	1465.4	1602.1	1738.7	1874.4	2010.0	2092.4	2010.0
1901.3	47.5°	1809.3	1717.4	1714.5	1711.7	1908.8	2105.8	2304.4	2502.9	2619.5	2502.9
2187.8	50°	2074.3	1960.7	1961.2	1961.7	2215.7	2469.7	2731.8	2993.9	3152.4	2993.9
2516.8	52.5°	2379.3	2241.8	2227.9	2213.9	2517.4	2820.8	3145.1	3469.3	3659.3	3469.3
2867.0	55°	2731.1	2595.3	2541.1	2486.9	2824.6	3162.2	3548.8	3935.4	4161.3	3935.4
3185.5	57.5°	3111.5	3037.5	2928.8	2820.1	3161.1	3502.1	3939.9	4377.8	4657.9	4377.8
3378.0	60°	3492.9	3607.8	3472.8	3337.8	3660.5	3983.2	4452.0	4920.8	5223.6	4920.8
3280.2	62.5°	3594.2	3908.2	3893.0	3877.8	4173.4	4469.0	4915.0	5361.0	5640.9	5361.0
3084.6	65°	3379.3	3674.0	3732.3	3790.6	4166.2	4541.9	4974.4	5406.9	5645.2	5406.9
2822.4	67.5°	3102.7	3383.0	3410.3	3437.6	3829.1	4220.4	4654.8	5089.2	5275.8	5089.2
2507.5	70°	2812.3	3117.2	3129.4	3141.7	3491.7	3841.7	4215.5	4589.3	4693.0	4589.3
2132.2	72.5°	2482.0	2831.9	2840.7	2849.4	3123.3	3397.1	3677.1	3957.0	3967.5	3957.0
1657.4	75°	2019.5	2381.5	2414.0	2446.6	2659.6	2872.7	3069.8	3266.8	3214.0	3266.8
1184.2	77.5°	1522.2	1860.2	1906.7	1953.2	2115.2	2277.2	2416.9	2556.7	2466.0	2556.7
775.0	80°	1059.4	1343.7	1401.5	1459.4	1581.7	1704.0	1777.4	1850.8	1704.8	1850.8
450.5	82.5°	644.9	839.3	903.9	968.5	1052.7	1136.9	1167.6	1198.2	1083.4	1198.2
198.2	85°	301.4	404.6	459.5	514.5	583.6	652.8	670.2	687.6	595.7	687.6
61.4	87.5°	96.0	130.7	161.4	192.0	226.6	261.2	262.7	264.1	221.8	264.1
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):

325°		330°	335°	340°	345°	350°	355°	360°
743.8	0°	743.8	743.8	743.8	743.8	743.8	743.8	743.8
821.0	2.5°	819.7	817.1	814.6	810.3	805.9	802.9	799.9
917.2	5°	913.7	908.0	902.3	891.8	881.3	870.7	860.1
1009.8	7.5°	1004.7	995.4	986.0	970.5	955.0	937.8	920.6
1071.0	10°	1066.1	1055.1	1044.1	1025.9	1007.7	987.4	967.0
1091.0	12.5°	1088.3	1080.3	1072.4	1056.0	1039.5	1017.5	995.4
1069.1	15°	1072.0	1071.7	1071.4	1061.0	1050.7	1031.7	1012.6
1014.8	17.5°	1025.3	1036.9	1048.5	1048.3	1048.1	1035.2	1022.3
945.3	20°	963.9	989.4	1014.9	1028.5	1042.0	1037.5	1033.0
879.2	22.5°	902.5	940.0	977.5	1005.6	1033.7	1039.6	1045.5
823.5	25°	847.9	893.5	939.1	981.7	1024.3	1042.9	1061.4
778.8	27.5°	802.8	853.3	903.8	960.3	1016.8	1050.0	1083.1
746.9	30°	769.2	821.8	874.4	944.0	1013.5	1062.9	1112.4
737.8	32.5°	755.3	804.7	854.2	932.8	1011.5	1079.2	1146.9
786.5	35°	790.5	824.9	859.2	941.2	1023.1	1106.0	1188.9
929.8	37.5°	911.1	913.3	915.5	990.0	1064.5	1162.0	1259.5
1167.0	40°	1121.6	1082.5	1043.4	1098.8	1154.2	1260.2	1366.3
1486.7	42.5°	1404.2	1318.9	1233.6	1265.5	1297.4	1402.6	1507.8
1874.4	45°	1738.7	1602.1	1465.4	1479.5	1493.6	1588.1	1682.6
2304.4	47.5°	2105.8	1908.8	1711.7	1714.5	1717.4	1809.3	1901.3
2731.8	50°	2469.7	2215.7	1961.7	1961.2	1960.7	2074.3	2187.8
3145.1	52.5°	2820.8	2517.4	2213.9	2227.9	2241.8	2379.3	2516.8
3548.8	55°	3162.2	2824.6	2486.9	2541.1	2595.3	2731.1	2867.0
3939.9	57.5°	3502.1	3161.1	2820.1	2928.8	3037.5	3111.5	3185.5
4452.0	60°	3983.2	3660.5	3337.8	3472.8	3607.8	3492.9	3378.0
4915.0	62.5°	4469.0	4173.4	3877.8	3893.0	3908.2	3594.2	3280.2
4974.4	65°	4541.9	4166.2	3790.6	3732.3	3674.0	3379.3	3084.6
4654.8	67.5°	4220.4	3829.1	3437.6	3410.3	3383.0	3102.7	2822.4
4215.5	70°	3841.7	3491.7	3141.7	3129.4	3117.2	2812.3	2507.5
3677.1	72.5°	3397.1	3123.3	2849.4	2840.7	2831.9	2482.0	2132.2
3069.8	75°	2872.7	2659.6	2446.6	2414.0	2381.5	2019.5	1657.4
2416.9	77.5°	2277.2	2115.2	1953.2	1906.7	1860.2	1522.2	1184.2
1777.4	80°	1704.0	1581.7	1459.4	1401.5	1343.7	1059.4	775.0
1167.6	82.5°	1136.9	1052.7	968.5	903.9	839.3	644.9	450.5
670.2	85°	652.8	583.6	514.5	459.5	404.6	301.4	198.2
262.7	87.5°	261.2	226.6	192.0	161.4	130.7	96.0	61.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)