

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: P944968

Luminaire Tested: **GALN-SB1A-760-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P944968
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-760-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 5700K, 350mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4730 lumens
Efficiency: N/A
Efficacy: 153.1 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

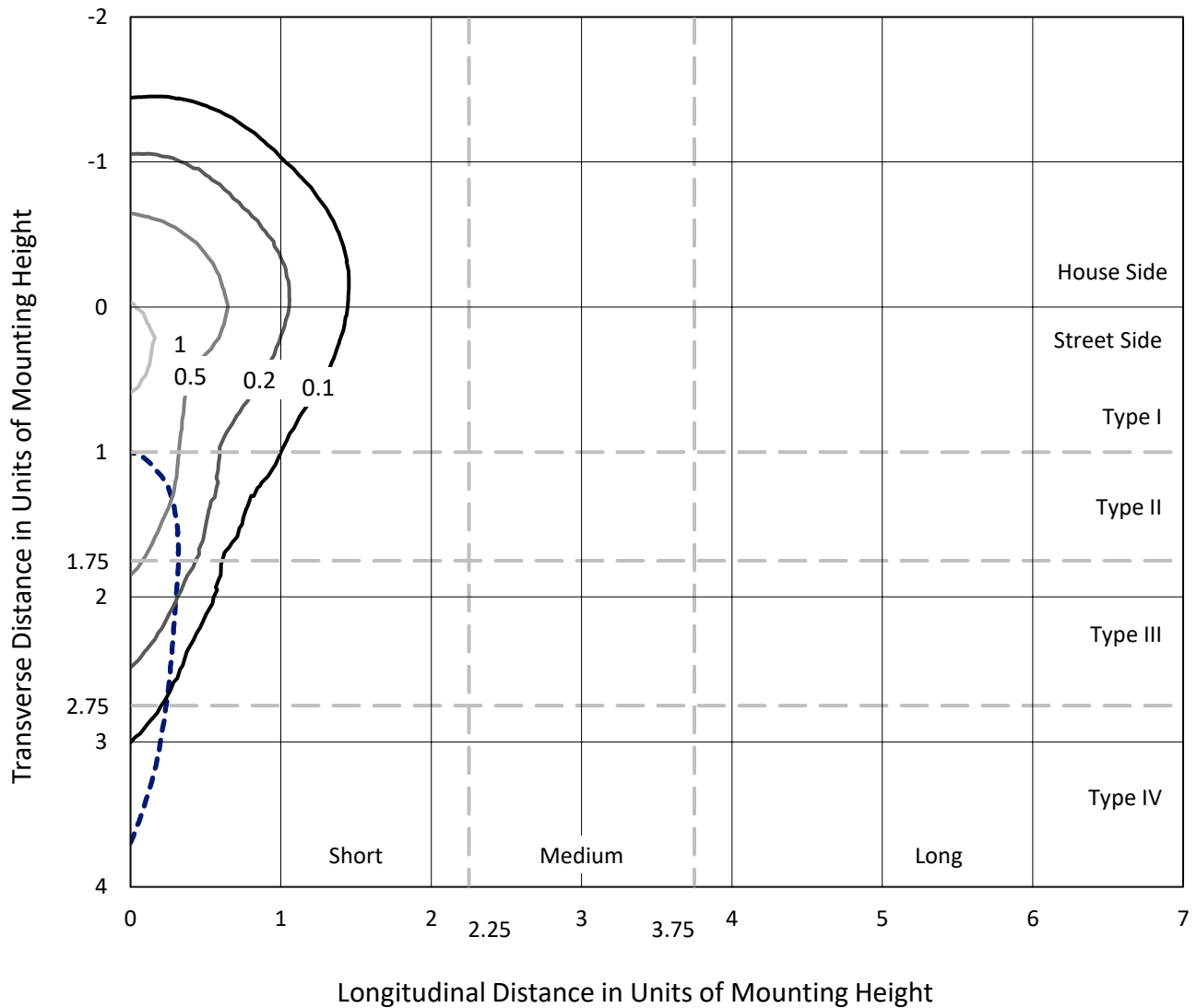
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

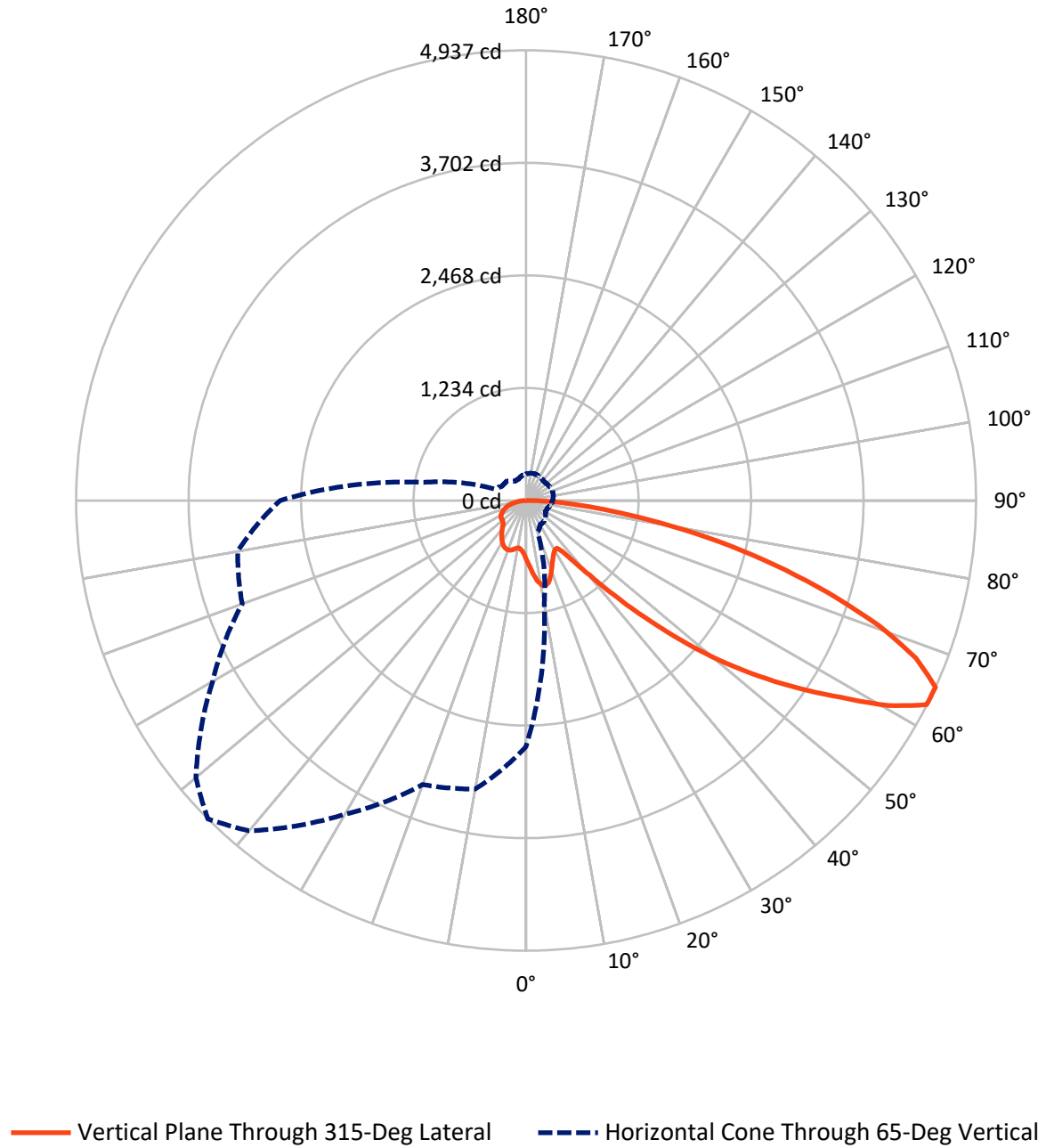
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.3 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	1202.1	0.0	1202.1
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	3527.9	0.0	3527.9
	% Fixture	74.6	0.0	74.6
Total	Lumens	4730.0	0.0	4730.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.5	1.4
10°-20°	202.5	4.3
20°-30°	312.9	6.6
30°-40°	396.5	8.4
40°-50°	598.0	12.6
50°-60°	966.1	20.4
60°-70°	1204.4	25.5
70°-80°	789.8	16.7
80°-90°	195.3	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°	4730.0	100.0
0°-180°	4730.0	100.0



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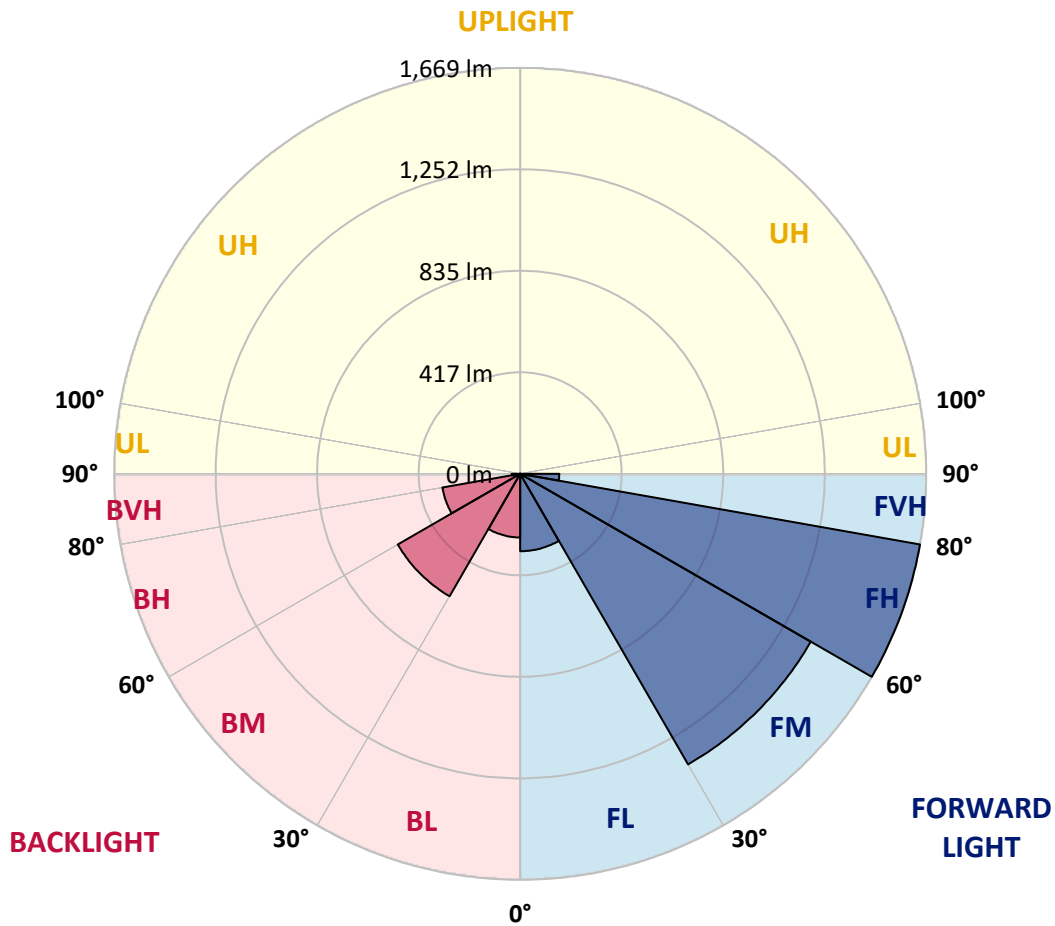
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	318.1	6.7			
FM (30°-60°)	1379.6	29.2			
FH (60°-80°)	1669.2	35.3			G1/1800
FVH (80°-90°)	160.9	3.4			G2/225
BL (0°-30°)	261.8	5.5	B1/500		
BM (30°-60°)	580.9	12.3	B1/1000		
BH (60°-80°)	325.0	6.9	B1/500		G1/500
BVH (80°-90°)	34.4	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°	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4
2.5°	699.5	694.1	688.7	683.0	677.3	671.6	665.8	660.3	654.9	649.5
5°	752.1	740.3	728.4	716.6	704.8	692.9	681.0	669.9	658.8	648.3
7.5°	805.0	785.5	765.9	747.9	729.8	712.2	694.6	679.1	663.6	649.3
10°	845.6	820.9	796.1	772.2	748.4	727.0	705.6	687.3	668.9	651.3
12.5°	870.4	843.2	816.1	789.0	762.0	736.8	711.6	690.8	670.1	651.5
15°	885.5	857.2	828.9	799.5	770.2	741.1	712.1	688.1	664.1	643.6
17.5°	894.0	865.3	836.6	804.5	772.5	738.8	705.1	676.2	647.4	623.2
20°	903.4	873.5	843.6	808.5	773.3	732.4	691.6	655.8	620.0	591.9
22.5°	914.2	883.7	853.2	813.7	774.3	724.6	674.9	631.8	588.7	556.7
25°	928.2	898.3	868.4	823.3	778.2	716.9	655.5	605.0	554.6	521.8
27.5°	947.2	918.7	890.1	838.3	786.4	711.7	636.9	580.6	524.2	494.3
30°	972.8	945.2	917.7	857.7	797.7	709.3	620.8	560.1	499.4	474.3
32.5°	1003.0	975.7	948.4	877.9	807.5	706.3	605.0	542.4	479.8	459.6
35°	1039.6	1013.5	987.4	901.0	814.6	700.6	586.7	525.1	463.5	446.6
37.5°	1101.4	1068.1	1034.8	926.8	818.8	691.0	563.1	504.7	446.3	431.5
40°	1194.8	1146.2	1097.7	959.6	821.5	677.7	533.9	480.3	426.8	413.4
42.5°	1318.6	1248.5	1178.5	1002.5	826.6	663.9	501.4	453.4	405.5	393.2
45°	1471.4	1377.0	1282.5	1059.0	835.5	651.2	466.9	424.9	382.9	370.4
47.5°	1662.6	1529.7	1396.7	1119.1	841.6	640.7	439.7	402.3	364.9	348.8
50°	1913.2	1712.7	1512.3	1174.9	837.6	629.2	420.7	387.3	353.9	332.7
52.5°	2200.8	1905.1	1609.3	1211.2	813.0	609.8	406.6	377.4	348.3	324.0
55°	2507.1	2075.6	1644.1	1203.2	762.2	577.6	393.0	370.3	347.5	324.8
57.5°	2785.6	2196.4	1607.3	1147.0	686.7	532.3	377.9	361.8	345.7	325.7
60°	2954.0	2226.6	1499.3	1042.4	585.5	473.5	361.4	348.8	336.1	323.0
62.5°	2868.5	2099.5	1330.5	900.9	471.4	403.0	334.6	326.2	317.8	316.2
65°	2697.4	1919.6	1141.7	756.6	371.6	339.7	307.7	303.8	299.8	300.0
67.5°	2468.1	1705.4	942.7	615.3	287.8	278.8	269.7	271.9	274.1	273.5
70°	2192.7	1471.8	750.9	484.4	218.0	220.6	223.2	233.5	243.7	243.7
72.5°	1864.5	1218.5	572.5	370.4	168.2	176.0	183.8	198.4	212.9	215.4
75°	1449.3	928.2	407.0	268.8	130.6	137.7	144.8	161.1	177.4	188.7
77.5°	1035.5	649.6	263.8	182.1	100.5	105.3	110.2	126.0	141.9	160.5
80°	677.7	418.6	159.4	117.4	75.4	77.4	79.4	92.8	106.2	128.4
82.5°	394.0	242.2	90.5	72.2	53.9	54.2	54.6	64.5	74.4	93.3
85°	173.3	109.0	44.6	38.6	32.6	32.4	32.2	39.4	46.7	60.8
87.5°	53.7	35.7	17.7	16.0	14.3	14.1	13.9	16.9	19.8	25.7
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°
650.4	0°	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4
643.6	2.5°	638.8	634.1	629.8	625.5	621.7	617.9	614.1	610.4	607.4	604.5
637.9	5°	628.9	619.8	612.3	604.7	598.0	591.3	585.2	579.2	574.5	569.8
635.9	7.5°	623.9	611.9	601.9	591.9	583.5	575.0	567.6	560.2	554.6	549.1
636.9	10°	624.2	611.5	601.5	591.6	582.5	573.4	565.1	556.7	550.1	543.4
638.1	12.5°	627.8	617.4	610.8	604.2	597.1	590.0	581.3	572.7	564.2	555.7
632.8	15°	627.9	622.9	623.8	624.7	622.9	621.0	613.5	606.0	593.9	581.8
616.6	17.5°	618.4	620.2	631.1	642.0	647.8	653.5	647.5	641.4	625.4	609.4
590.1	20°	598.6	607.1	626.0	644.9	657.0	669.1	666.3	663.5	645.2	627.0
560.1	22.5°	572.7	585.2	606.8	628.4	644.2	659.9	661.6	663.3	645.8	628.3
531.0	25°	545.5	559.9	579.3	598.8	614.3	629.8	635.5	641.3	627.0	612.7
505.5	27.5°	519.5	533.5	549.4	565.4	577.8	590.2	596.7	603.1	592.9	582.7
483.1	30°	494.2	505.4	518.6	531.8	542.1	552.5	557.7	562.9	555.2	547.4
463.5	32.5°	470.1	476.7	487.2	497.8	507.7	517.6	523.4	529.2	522.1	514.9
445.0	35°	446.8	448.6	456.7	464.7	474.5	484.3	491.3	498.3	493.2	488.1
425.6	37.5°	423.6	421.6	427.4	433.2	442.9	452.7	461.3	470.0	467.6	465.3
404.3	40°	399.8	395.3	399.5	403.6	413.1	422.5	432.4	442.4	443.0	443.5
381.7	42.5°	375.7	369.8	373.2	376.6	385.5	394.5	405.2	415.9	418.8	421.7
359.3	45°	353.4	347.6	350.5	353.4	361.8	370.3	381.5	392.6	396.7	400.8
339.2	47.5°	334.3	329.5	332.1	334.8	343.1	351.4	362.4	373.4	378.1	382.9
321.6	50°	317.2	312.9	317.1	321.3	329.2	337.0	346.8	356.7	362.7	368.8
308.4	52.5°	304.1	299.9	306.2	312.5	319.7	326.8	336.0	345.2	352.4	359.6
301.4	55°	294.7	287.9	296.9	305.8	313.5	321.3	329.3	337.3	344.9	352.6
297.3	57.5°	287.4	277.5	287.1	296.8	305.8	314.9	322.9	330.8	338.5	346.2
293.3	60°	280.5	267.7	276.1	284.6	295.0	305.4	313.5	321.6	329.3	337.1
288.7	62.5°	272.7	256.7	262.1	267.4	279.6	291.8	300.4	309.0	316.1	323.2
279.0	65°	262.0	245.0	247.0	249.1	262.1	275.2	283.4	291.6	297.9	304.1
261.8	67.5°	247.6	233.4	232.8	232.1	244.1	256.2	264.0	271.8	277.2	282.6
239.9	70°	229.8	219.7	217.4	215.2	225.8	236.4	243.1	249.8	254.7	259.6
215.4	72.5°	208.5	201.6	198.3	195.0	203.4	211.7	217.8	223.9	228.6	233.4
187.7	75°	182.4	177.1	173.9	170.8	177.0	183.1	188.7	194.2	198.5	202.9
160.0	77.5°	155.7	151.4	148.3	145.1	150.1	155.1	159.9	164.6	169.2	173.7
128.3	80°	124.8	121.2	118.5	115.8	120.0	124.2	128.2	132.2	135.6	139.1
94.4	82.5°	92.6	90.9	89.0	87.1	86.8	86.4	85.0	83.6	91.0	98.4
62.1	85°	60.3	58.4	56.3	54.2	52.4	50.5	46.7	42.8	49.7	56.7
27.5	87.5°	26.7	26.0	25.6	25.2	25.1	25.0	22.1	19.1	22.0	24.9
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°
650.4	0°	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4
602.1	2.5°	599.8	597.9	596.1	594.4	592.6	590.5	592.6	594.4	596.1	597.9
566.5	5°	563.3	560.9	558.6	556.8	555.1	553.3	555.1	556.8	558.6	560.9
545.2	7.5°	541.3	538.6	536.0	534.4	532.8	531.6	532.8	534.4	536.0	538.6
539.1	10°	534.7	532.1	529.6	528.3	526.9	526.4	526.9	528.3	529.6	532.1
550.1	12.5°	544.5	541.6	538.9	537.7	536.6	536.4	536.6	537.7	538.9	541.6
573.3	15°	564.8	560.8	556.9	555.4	554.0	553.8	554.0	555.4	556.9	560.8
596.9	17.5°	584.3	578.5	572.7	570.8	568.9	568.6	568.9	570.8	572.7	578.5
611.5	20°	596.1	588.7	581.3	578.9	576.5	575.8	576.5	578.9	581.3	588.7
612.5	22.5°	596.6	588.7	580.9	578.3	575.7	574.5	575.7	578.3	580.9	588.7
598.6	25°	584.5	577.7	570.9	568.5	566.0	564.6	566.0	568.5	570.9	577.7
571.8	27.5°	560.8	556.3	551.7	550.6	549.5	549.1	549.5	550.6	551.7	556.3
539.6	30°	531.7	529.3	527.0	527.0	527.0	527.4	527.0	527.0	527.0	529.3
508.7	32.5°	502.4	500.9	499.4	499.6	499.8	500.2	499.8	499.6	499.4	500.9
482.3	35°	476.6	474.3	472.0	471.5	471.0	470.7	471.0	471.5	472.0	474.3
460.0	37.5°	454.6	450.4	446.2	444.0	441.8	440.5	441.8	444.0	446.2	450.4
439.0	40°	434.5	428.3	422.2	418.1	414.0	411.6	414.0	418.1	422.2	428.3
417.9	42.5°	414.1	406.4	398.8	392.8	386.8	382.9	386.8	392.8	398.8	406.4
397.4	45°	394.0	385.3	376.6	369.5	362.4	357.9	362.4	369.5	376.6	385.3
380.5	47.5°	378.1	370.3	362.6	356.1	349.5	345.2	349.5	356.1	362.6	370.3
368.7	50°	368.6	362.4	356.2	350.2	344.1	339.9	344.1	350.2	356.2	362.4
360.9	52.5°	362.2	357.2	352.1	346.7	341.3	337.4	341.3	346.7	352.1	357.2
354.4	55°	356.2	351.8	347.4	342.7	337.9	334.4	337.9	342.7	347.4	351.8
348.0	57.5°	349.9	345.4	341.0	336.3	331.6	328.0	331.6	336.3	341.0	345.4
339.1	60°	341.1	336.7	332.4	327.6	322.7	319.0	322.7	327.6	332.4	336.7
325.1	62.5°	327.0	323.1	319.2	314.1	309.0	304.5	309.0	314.1	319.2	323.1
306.1	65°	308.0	304.3	300.5	295.6	290.6	286.8	290.6	295.6	300.5	304.3
284.5	67.5°	286.4	282.9	279.5	274.9	270.3	266.8	270.3	274.9	279.5	282.9
261.4	70°	263.3	260.4	257.6	253.2	248.8	244.8	248.8	253.2	257.6	260.4
235.6	72.5°	237.8	235.5	233.1	228.9	224.8	220.9	224.8	228.9	233.1	235.5
205.2	75°	207.5	206.3	205.2	201.6	198.1	194.4	198.1	201.6	205.2	206.3
175.9	77.5°	178.0	176.4	174.8	171.2	167.7	164.7	167.7	171.2	174.8	176.4
141.9	80°	144.8	144.1	143.4	138.6	133.8	128.3	133.8	138.6	143.4	144.1
103.2	82.5°	108.1	107.8	107.4	103.4	99.4	95.8	99.4	103.4	107.4	107.8
62.6	85°	68.6	68.1	67.6	64.5	61.3	58.2	61.3	64.5	67.6	68.1
27.3	87.5°	29.8	29.2	28.5	26.9	25.3	23.7	25.3	26.9	28.5	29.2
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
650.4	0°	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4
599.8	2.5°	602.1	604.5	607.4	610.4	614.1	617.9	621.7	625.5	629.8	634.1
563.3	5°	566.5	569.8	574.5	579.2	585.2	591.3	598.0	604.7	612.3	619.8
541.3	7.5°	545.2	549.1	554.6	560.2	567.6	575.0	583.5	591.9	601.9	611.9
534.7	10°	539.1	543.4	550.1	556.7	565.1	573.4	582.5	591.6	601.5	611.5
544.5	12.5°	550.1	555.7	564.2	572.7	581.3	590.0	597.1	604.2	610.8	617.4
564.8	15°	573.3	581.8	593.9	606.0	613.5	621.0	622.9	624.7	623.8	622.9
584.3	17.5°	596.9	609.4	625.4	641.4	647.5	653.5	647.8	642.0	631.1	620.2
596.1	20°	611.5	627.0	645.2	663.5	666.3	669.1	657.0	644.9	626.0	607.1
596.6	22.5°	612.5	628.3	645.8	663.3	661.6	659.9	644.2	628.4	606.8	585.2
584.5	25°	598.6	612.7	627.0	641.3	635.5	629.8	614.3	598.8	579.3	559.9
560.8	27.5°	571.8	582.7	592.9	603.1	596.7	590.2	577.8	565.4	549.4	533.5
531.7	30°	539.6	547.4	555.2	562.9	557.7	552.5	542.1	531.8	518.6	505.4
502.4	32.5°	508.7	514.9	522.1	529.2	523.4	517.6	507.7	497.8	487.2	476.7
476.6	35°	482.3	488.1	493.2	498.3	491.3	484.3	474.5	464.7	456.7	448.6
454.6	37.5°	460.0	465.3	467.6	470.0	461.3	452.7	442.9	433.2	427.4	421.6
434.5	40°	439.0	443.5	443.0	442.4	432.4	422.5	413.1	403.6	399.5	395.3
414.1	42.5°	417.9	421.7	418.8	415.9	405.2	394.5	385.5	376.6	373.2	369.8
394.0	45°	397.4	400.8	396.7	392.6	381.5	370.3	361.8	353.4	350.5	347.6
378.1	47.5°	380.5	382.9	378.1	373.4	362.4	351.4	343.1	334.8	332.1	329.5
368.6	50°	368.7	368.8	362.7	356.7	346.8	337.0	329.2	321.3	317.1	312.9
362.2	52.5°	360.9	359.6	352.4	345.2	336.0	326.8	319.7	312.5	306.2	299.9
356.2	55°	354.4	352.6	344.9	337.3	329.3	321.3	313.5	305.8	296.9	287.9
349.9	57.5°	348.0	346.2	338.5	330.8	322.9	314.9	305.8	296.8	287.1	277.5
341.1	60°	339.1	337.1	329.3	321.6	313.5	305.4	295.0	284.6	276.1	267.7
327.0	62.5°	325.1	323.2	316.1	309.0	300.4	291.8	279.6	267.4	262.1	256.7
308.0	65°	306.1	304.1	297.9	291.6	283.4	275.2	262.1	249.1	247.0	245.0
286.4	67.5°	284.5	282.6	277.2	271.8	264.0	256.2	244.1	232.1	232.8	233.4
263.3	70°	261.4	259.6	254.7	249.8	243.1	236.4	225.8	215.2	217.4	219.7
237.8	72.5°	235.6	233.4	228.6	223.9	217.8	211.7	203.4	195.0	198.3	201.6
207.5	75°	205.2	202.9	198.5	194.2	188.7	183.1	177.0	170.8	173.9	177.1
178.0	77.5°	175.9	173.7	169.2	164.6	159.9	155.1	150.1	145.1	148.3	151.4
144.8	80°	141.9	139.1	135.6	132.2	128.2	124.2	120.0	115.8	118.5	121.2
108.1	82.5°	103.2	98.4	91.0	83.6	85.0	86.4	86.8	87.1	89.0	90.9
68.6	85°	62.6	56.7	49.7	42.8	46.7	50.5	52.4	54.2	56.3	58.4
29.8	87.5°	27.3	24.9	22.0	19.1	22.1	25.0	25.1	25.2	25.6	26.0
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°
650.4	0°	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4
638.8	2.5°	643.6	649.5	654.9	660.3	665.8	671.6	677.3	683.0	688.7	694.1
628.9	5°	637.9	648.3	658.8	669.9	681.0	692.9	704.8	716.6	728.4	740.3
623.9	7.5°	635.9	649.3	663.6	679.1	694.6	712.2	729.8	747.9	765.9	785.5
624.2	10°	636.9	651.3	668.9	687.3	705.6	727.0	748.4	772.2	796.1	820.9
627.8	12.5°	638.1	651.5	670.1	690.8	711.6	736.8	762.0	789.0	816.1	843.2
627.9	15°	632.8	643.6	664.1	688.1	712.1	741.1	770.2	799.5	828.9	857.2
618.4	17.5°	616.6	623.2	647.4	676.2	705.1	738.8	772.5	804.5	836.6	865.3
598.6	20°	590.1	591.9	620.0	655.8	691.6	732.4	773.3	808.5	843.6	873.5
572.7	22.5°	560.1	556.7	588.7	631.8	674.9	724.6	774.3	813.7	853.2	883.7
545.5	25°	531.0	521.8	554.6	605.0	655.5	716.9	778.2	823.3	868.4	898.3
519.5	27.5°	505.5	494.3	524.2	580.6	636.9	711.7	786.4	838.3	890.1	918.7
494.2	30°	483.1	474.3	499.4	560.1	620.8	709.3	797.7	857.7	917.7	945.2
470.1	32.5°	463.5	459.6	479.8	542.4	605.0	706.3	807.5	877.9	948.4	975.7
446.8	35°	445.0	446.6	463.5	525.1	586.7	700.6	814.6	901.0	987.4	1013.5
423.6	37.5°	425.6	431.5	446.3	504.7	563.1	691.0	818.8	926.8	1034.8	1068.1
399.8	40°	404.3	413.4	426.8	480.3	533.9	677.7	821.5	959.6	1097.7	1146.2
375.7	42.5°	381.7	393.2	405.5	453.4	501.4	663.9	826.6	1002.5	1178.5	1248.5
353.4	45°	359.3	370.4	382.9	424.9	466.9	651.2	835.5	1059.0	1282.5	1377.0
334.3	47.5°	339.2	348.8	364.9	402.3	439.7	640.7	841.6	1119.1	1396.7	1529.7
317.2	50°	321.6	332.7	353.9	387.3	420.7	629.2	837.6	1174.9	1512.3	1712.7
304.1	52.5°	308.4	324.0	348.3	377.4	406.6	609.8	813.0	1211.2	1609.3	1905.1
294.7	55°	301.4	324.8	347.5	370.3	393.0	577.6	762.2	1203.2	1644.1	2075.6
287.4	57.5°	297.3	325.7	345.7	361.8	377.9	532.3	686.7	1147.0	1607.3	2196.4
280.5	60°	293.3	323.0	336.1	348.8	361.4	473.5	585.5	1042.4	1499.3	2226.6
272.7	62.5°	288.7	316.2	317.8	326.2	334.6	403.0	471.4	900.9	1330.5	2099.5
262.0	65°	279.0	300.0	299.8	303.8	307.7	339.7	371.6	756.6	1141.7	1919.6
247.6	67.5°	261.8	273.5	274.1	271.9	269.7	278.8	287.8	615.3	942.7	1705.4
229.8	70°	239.9	243.7	243.7	233.5	223.2	220.6	218.0	484.4	750.9	1471.8
208.5	72.5°	215.4	215.4	212.9	198.4	183.8	176.0	168.2	370.4	572.5	1218.5
182.4	75°	187.7	188.7	177.4	161.1	144.8	137.7	130.6	268.8	407.0	928.2
155.7	77.5°	160.0	160.5	141.9	126.0	110.2	105.3	100.5	182.1	263.8	649.6
124.8	80°	128.3	128.4	106.2	92.8	79.4	77.4	75.4	117.4	159.4	418.6
92.6	82.5°	94.4	93.3	74.4	64.5	54.6	54.2	53.9	72.2	90.5	242.2
60.3	85°	62.1	60.8	46.7	39.4	32.2	32.4	32.6	38.6	44.6	109.0
26.7	87.5°	27.5	25.7	19.8	16.9	13.9	14.1	14.3	16.0	17.7	35.7
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°
650.4	0°	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4	650.4
699.5	2.5°	702.1	704.8	708.5	712.3	714.6	716.8	717.9	719.1	718.6	719.1
752.1	5°	761.4	770.7	779.8	789.1	794.1	799.0	802.1	805.1	807.4	805.1
805.0	7.5°	820.1	835.2	848.7	862.3	870.4	878.6	883.0	887.4	889.5	887.4
845.6	10°	863.4	881.2	897.1	913.0	922.7	932.2	936.5	940.8	942.4	940.8
870.4	12.5°	889.7	909.0	923.4	937.7	944.7	951.7	954.1	956.4	956.7	956.4
885.5	15°	902.2	918.8	927.9	936.9	937.1	937.4	934.9	932.4	929.5	932.4
894.0	17.5°	905.3	916.5	916.7	916.8	906.7	896.6	887.4	878.1	871.5	878.1
903.4	20°	907.3	911.2	899.4	887.5	865.2	842.9	826.6	810.4	800.4	810.4
914.2	22.5°	909.1	903.9	879.4	854.8	822.0	789.2	768.9	748.6	737.5	748.6
928.2	25°	912.0	895.8	858.5	821.2	781.3	741.5	720.1	698.8	688.4	698.8
947.2	27.5°	918.2	889.1	839.8	790.4	746.2	702.0	681.0	660.0	650.2	660.0
972.8	30°	929.5	886.3	825.5	764.7	718.7	672.6	653.1	633.6	624.5	633.6
1003.0	32.5°	943.7	884.5	815.7	747.0	703.7	660.4	645.1	629.8	623.2	629.8
1039.6	35°	967.2	894.7	823.0	751.4	721.3	691.3	687.7	684.2	683.6	684.2
1101.4	37.5°	1016.2	930.9	865.8	800.6	798.7	796.7	813.0	829.4	837.9	829.4
1194.8	40°	1102.0	1009.3	960.9	912.4	946.6	980.8	1020.5	1060.2	1079.9	1060.2
1318.6	42.5°	1226.6	1134.6	1106.7	1078.8	1153.3	1227.9	1300.1	1372.3	1414.6	1372.3
1471.4	45°	1388.8	1306.1	1293.8	1281.5	1401.0	1520.5	1639.1	1757.7	1829.7	1757.7
1662.6	47.5°	1582.2	1501.8	1499.3	1496.8	1669.2	1841.5	2015.1	2188.7	2290.7	2188.7
1913.2	50°	1813.9	1714.6	1715.0	1715.4	1937.6	2159.7	2388.9	2618.1	2756.7	2618.1
2200.8	52.5°	2080.6	1960.4	1948.2	1936.0	2201.4	2466.7	2750.3	3033.8	3199.9	3033.8
2507.1	55°	2388.3	2269.5	2222.1	2174.7	2470.0	2765.3	3103.3	3441.4	3638.9	3441.4
2785.6	57.5°	2720.9	2656.2	2561.1	2466.1	2764.3	3062.4	3445.4	3828.2	4073.2	3828.2
2954.0	60°	3054.4	3154.9	3036.9	2918.8	3201.0	3483.2	3893.2	4303.1	4567.9	4303.1
2868.5	62.5°	3143.0	3417.6	3404.3	3391.0	3649.5	3908.0	4298.0	4688.1	4932.8	4688.1
2697.4	65°	2955.1	3212.8	3263.8	3314.7	3643.2	3971.8	4350.0	4728.2	4936.5	4728.2
2468.1	67.5°	2713.2	2958.3	2982.2	3006.1	3348.4	3690.6	4070.5	4450.3	4613.6	4450.3
2192.7	70°	2459.3	2725.9	2736.6	2747.3	3053.4	3359.4	3686.3	4013.2	4103.9	4013.2
1864.5	72.5°	2170.4	2476.4	2484.1	2491.7	2731.2	2970.7	3215.5	3460.3	3469.5	3460.3
1449.3	75°	1766.0	2082.6	2111.0	2139.4	2325.7	2512.1	2684.4	2856.7	2810.6	2856.7
1035.5	77.5°	1331.1	1626.7	1667.3	1708.0	1849.7	1991.3	2113.5	2235.8	2156.4	2235.8
677.7	80°	926.4	1175.0	1225.6	1276.2	1383.1	1490.1	1554.3	1618.4	1490.8	1618.4
394.0	82.5°	564.0	734.0	790.5	847.0	920.6	994.2	1021.0	1047.8	947.4	1047.8
173.3	85°	263.6	353.8	401.8	449.9	510.4	570.8	586.0	601.2	520.9	601.2
53.7	87.5°	84.0	114.3	141.1	167.9	198.2	228.4	229.7	231.0	193.9	231.0
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):

325°		330°	335°	340°	345°	350°	355°	360°
650.4	0°	650.4	650.4	650.4	650.4	650.4	650.4	650.4
717.9	2.5°	716.8	714.6	712.3	708.5	704.8	702.1	699.5
802.1	5°	799.0	794.1	789.1	779.8	770.7	761.4	752.1
883.0	7.5°	878.6	870.4	862.3	848.7	835.2	820.1	805.0
936.5	10°	932.2	922.7	913.0	897.1	881.2	863.4	845.6
954.1	12.5°	951.7	944.7	937.7	923.4	909.0	889.7	870.4
934.9	15°	937.4	937.1	936.9	927.9	918.8	902.2	885.5
887.4	17.5°	896.6	906.7	916.8	916.7	916.5	905.3	894.0
826.6	20°	842.9	865.2	887.5	899.4	911.2	907.3	903.4
768.9	22.5°	789.2	822.0	854.8	879.4	903.9	909.1	914.2
720.1	25°	741.5	781.3	821.2	858.5	895.8	912.0	928.2
681.0	27.5°	702.0	746.2	790.4	839.8	889.1	918.2	947.2
653.1	30°	672.6	718.7	764.7	825.5	886.3	929.5	972.8
645.1	32.5°	660.4	703.7	747.0	815.7	884.5	943.7	1003.0
687.7	35°	691.3	721.3	751.4	823.0	894.7	967.2	1039.6
813.0	37.5°	796.7	798.7	800.6	865.8	930.9	1016.2	1101.4
1020.5	40°	980.8	946.6	912.4	960.9	1009.3	1102.0	1194.8
1300.1	42.5°	1227.9	1153.3	1078.8	1106.7	1134.6	1226.6	1318.6
1639.1	45°	1520.5	1401.0	1281.5	1293.8	1306.1	1388.8	1471.4
2015.1	47.5°	1841.5	1669.2	1496.8	1499.3	1501.8	1582.2	1662.6
2388.9	50°	2159.7	1937.6	1715.4	1715.0	1714.6	1813.9	1913.2
2750.3	52.5°	2466.7	2201.4	1936.0	1948.2	1960.4	2080.6	2200.8
3103.3	55°	2765.3	2470.0	2174.7	2222.1	2269.5	2388.3	2507.1
3445.4	57.5°	3062.4	2764.3	2466.1	2561.1	2656.2	2720.9	2785.6
3893.2	60°	3483.2	3201.0	2918.8	3036.9	3154.9	3054.4	2954.0
4298.0	62.5°	3908.0	3649.5	3391.0	3404.3	3417.6	3143.0	2868.5
4350.0	65°	3971.8	3643.2	3314.7	3263.8	3212.8	2955.1	2697.4
4070.5	67.5°	3690.6	3348.4	3006.1	2982.2	2958.3	2713.2	2468.1
3686.3	70°	3359.4	3053.4	2747.3	2736.6	2725.9	2459.3	2192.7
3215.5	72.5°	2970.7	2731.2	2491.7	2484.1	2476.4	2170.4	1864.5
2684.4	75°	2512.1	2325.7	2139.4	2111.0	2082.6	1766.0	1449.3
2113.5	77.5°	1991.3	1849.7	1708.0	1667.3	1626.7	1331.1	1035.5
1554.3	80°	1490.1	1383.1	1276.2	1225.6	1175.0	926.4	677.7
1021.0	82.5°	994.2	920.6	847.0	790.5	734.0	564.0	394.0
586.0	85°	570.8	510.4	449.9	401.8	353.8	263.6	173.3
229.7	87.5°	228.4	198.2	167.9	141.1	114.3	84.0	53.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)