

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: P945050

Luminaire Tested: **GALN-SB1A-840-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945050
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-840-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 80 CRI, 4000K, 350mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4277 lumens
Efficiency: N/A
Efficacy: 138.4 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

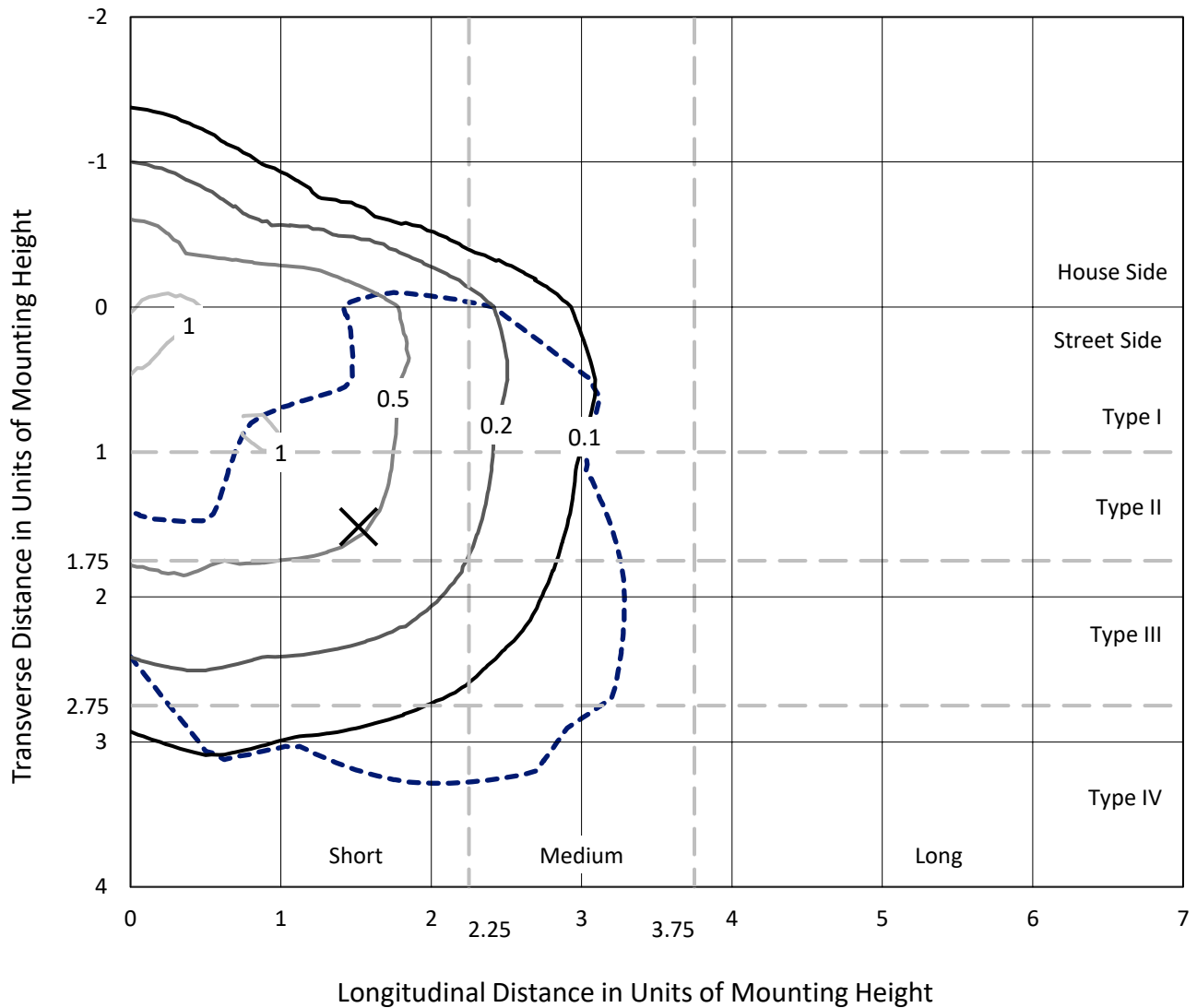
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

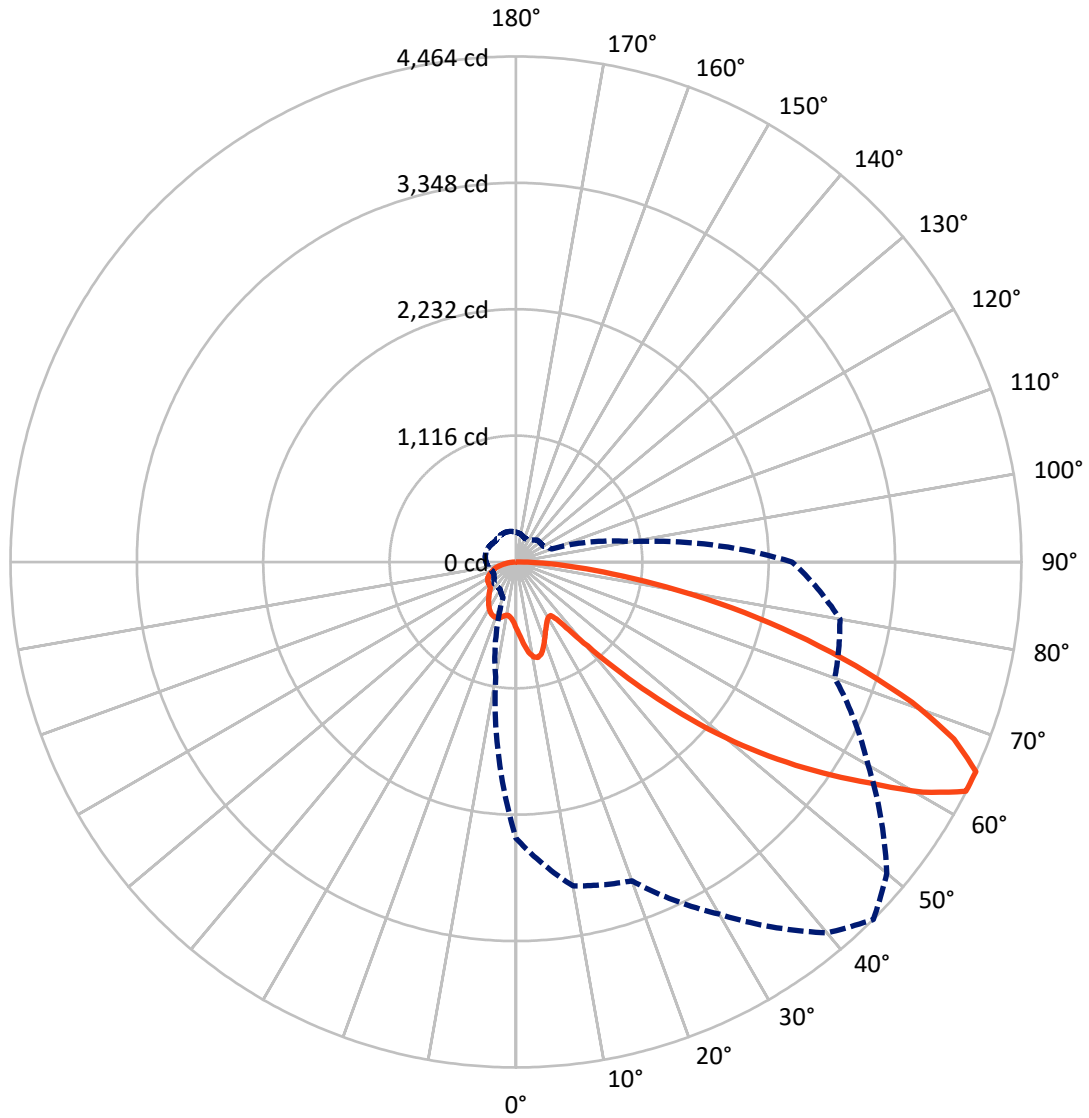
✕ Max cd
 - - - 1/2 Max cd



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



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1087.0	0.0	1087.0
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	3190.0	0.0	3190.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	4277.0	0.0	4277.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.3	1.4
10°-20°	183.1	4.3
20°-30°	282.9	6.6
30°-40°	358.5	8.4
40°-50°	540.7	12.6
50°-60°	873.6	20.4
60°-70°	1089.1	25.5
70°-80°	714.2	16.7
80°-90°	176.6	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°	4277.0	100.0
0°-180°	4277.0	100.0



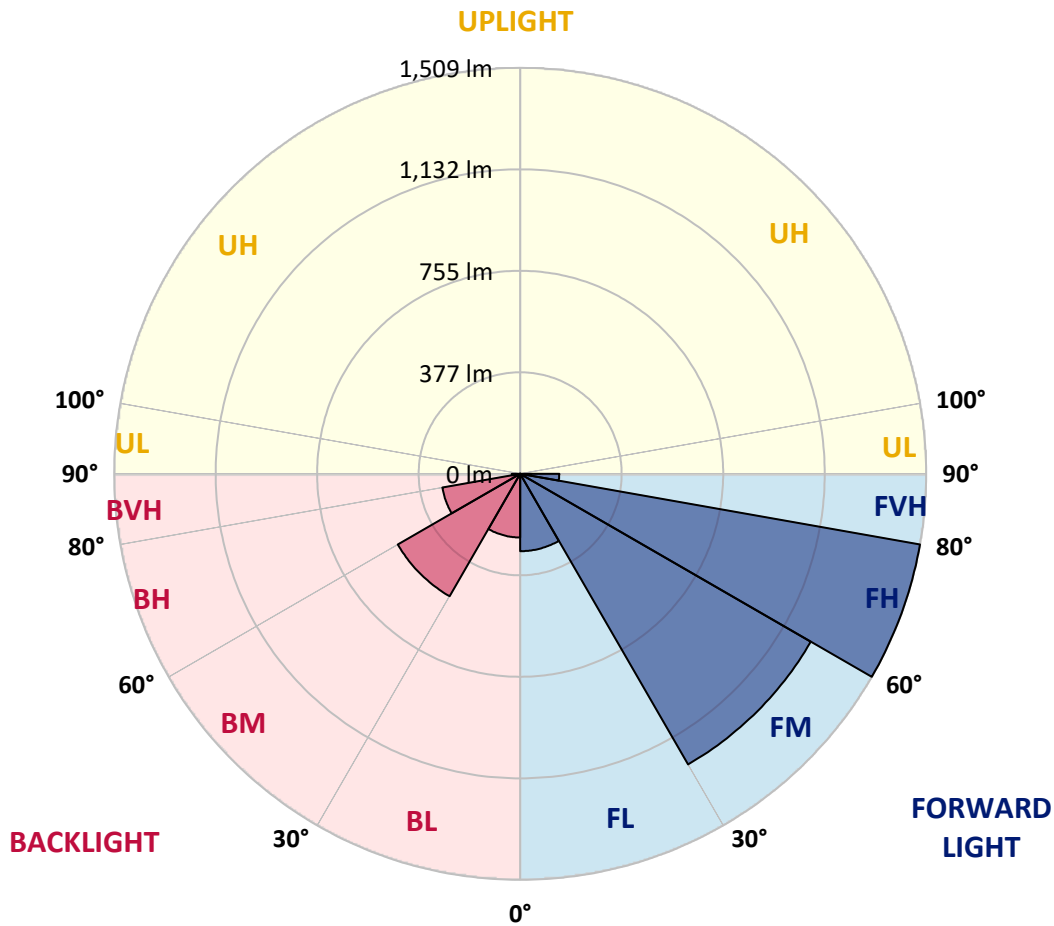
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	287.7	6.7			
FM (30°-60°)	1247.5	29.2			
FH (60°-80°)	1509.4	35.3			G1/1800
FVH (80°-90°)	145.4	3.4			G2/225
BL (0°-30°)	236.7	5.5	B1/500		
BM (30°-60°)	525.3	12.3	B1/1000		
BH (60°-80°)	293.9	6.9	B1/500		G1/500
BVH (80°-90°)	31.1	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°	588.1	588.1	588.1	588.1	588.1	588.1	588.1	588.1	588.1	588.1
2.5°	632.5	634.9	637.3	640.7	644.1	646.1	648.2	649.2	650.2	649.7
5°	680.1	688.5	696.9	705.2	713.5	718.0	722.5	725.2	728.0	730.1
7.5°	727.9	741.6	755.2	767.4	779.7	787.1	794.4	798.4	802.4	804.3
10°	764.6	780.7	796.8	811.2	825.6	834.3	843.0	846.8	850.7	852.2
12.5°	787.1	804.5	822.0	835.0	847.9	854.2	860.6	862.7	864.8	865.0
15°	800.7	815.8	830.8	839.0	847.2	847.4	847.6	845.4	843.1	840.4
17.5°	808.4	818.6	828.7	828.9	829.0	819.9	810.8	802.4	794.0	788.1
20°	816.9	820.4	824.0	813.2	802.5	782.3	762.2	747.5	732.8	723.8
22.5°	826.7	822.0	817.4	795.2	773.0	743.3	713.6	695.2	676.9	666.9
25°	839.3	824.6	810.0	776.3	742.5	706.5	670.5	651.1	631.9	622.4
27.5°	856.5	830.2	804.0	759.3	714.7	674.7	634.8	615.8	596.8	587.9
30°	879.6	840.5	801.4	746.4	691.4	649.8	608.2	590.6	573.0	564.7
32.5°	906.9	853.3	799.8	737.6	675.4	636.3	597.2	583.4	569.5	563.5
35°	940.1	874.5	809.0	744.2	679.4	652.2	625.1	621.9	618.6	618.1
37.5°	995.9	918.8	841.7	782.8	723.9	722.2	720.4	735.2	749.9	757.6
40°	1080.3	996.5	912.7	868.8	825.0	856.0	886.9	922.8	958.6	976.5
42.5°	1192.3	1109.1	1025.9	1000.7	975.4	1042.9	1110.3	1175.6	1240.8	1279.2
45°	1330.5	1255.8	1181.0	1169.9	1158.8	1266.8	1374.8	1482.1	1589.4	1654.5
47.5°	1503.4	1430.7	1358.0	1355.7	1353.5	1509.3	1665.1	1822.1	1979.1	2071.3
50°	1730.0	1640.2	1550.4	1550.8	1551.1	1752.0	1952.9	2160.1	2367.3	2492.6
52.5°	1990.1	1881.3	1772.6	1761.6	1750.6	1990.5	2230.4	2486.9	2743.3	2893.5
55°	2267.0	2159.5	2052.1	2009.3	1966.4	2233.4	2500.4	2806.1	3111.8	3290.4
57.5°	2518.8	2460.3	2401.8	2315.8	2229.9	2499.5	2769.1	3115.4	3461.6	3683.1
60°	2671.0	2761.9	2852.8	2746.0	2639.3	2894.4	3149.6	3520.3	3891.0	4130.4
62.5°	2593.8	2842.0	3090.3	3078.3	3066.2	3300.0	3533.7	3886.4	4239.1	4460.4
65°	2439.0	2672.1	2905.1	2951.2	2997.3	3294.3	3591.4	3933.4	4275.3	4463.7
67.5°	2231.8	2453.4	2675.0	2696.6	2718.2	3027.7	3337.2	3680.7	4024.1	4171.7
70°	1982.7	2223.8	2464.8	2474.5	2484.2	2761.0	3037.7	3333.3	3628.8	3710.9
72.5°	1685.9	1962.6	2239.2	2246.2	2253.1	2469.6	2686.2	2907.5	3128.9	3137.2
75°	1310.5	1596.8	1883.1	1908.8	1934.5	2103.0	2271.5	2427.3	2583.1	2541.4
77.5°	936.3	1203.6	1470.9	1507.7	1544.4	1672.5	1800.6	1911.1	2021.6	1949.9
80°	612.8	837.7	1062.5	1108.2	1154.0	1250.7	1347.4	1405.4	1463.4	1348.0
82.5°	356.2	509.9	663.7	714.8	765.8	832.4	899.0	923.2	947.4	856.7
85°	156.7	238.3	319.9	363.3	406.8	461.5	516.2	529.9	543.7	471.0
87.5°	48.5	75.9	103.4	127.6	151.8	179.2	206.5	207.7	208.9	175.4
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°
588.1	0°	588.1	588.1	588.1	588.1	588.1	588.1	588.1	588.1	588.1	588.1
650.2	2.5°	649.2	648.2	646.1	644.1	640.7	637.3	634.9	632.5	627.6	622.8
728.0	5°	725.2	722.5	718.0	713.5	705.2	696.9	688.5	680.1	669.4	658.6
802.4	7.5°	798.4	794.4	787.1	779.7	767.4	755.2	741.6	727.9	710.2	692.6
850.7	10°	846.8	843.0	834.3	825.6	811.2	796.8	780.7	764.6	742.2	719.9
864.8	12.5°	862.7	860.6	854.2	847.9	835.0	822.0	804.5	787.1	762.5	737.9
843.1	15°	845.4	847.6	847.4	847.2	839.0	830.8	815.8	800.7	775.1	749.5
794.0	17.5°	802.4	810.8	819.9	829.0	828.9	828.7	818.6	808.4	782.4	756.4
732.8	20°	747.5	762.2	782.3	802.5	813.2	824.0	820.4	816.9	789.9	762.8
676.9	22.5°	695.2	713.6	743.3	773.0	795.2	817.4	822.0	826.7	799.1	771.5
631.9	25°	651.1	670.5	706.5	742.5	776.3	810.0	824.6	839.3	812.3	785.3
596.8	27.5°	615.8	634.8	674.7	714.7	759.3	804.0	830.2	856.5	830.7	804.9
573.0	30°	590.6	608.2	649.8	691.4	746.4	801.4	840.5	879.6	854.7	829.8
569.5	32.5°	583.4	597.2	636.3	675.4	737.6	799.8	853.3	906.9	882.2	857.6
618.6	35°	621.9	625.1	652.2	679.4	744.2	809.0	874.5	940.1	916.5	892.8
749.9	37.5°	735.2	720.4	722.2	723.9	782.8	841.7	918.8	995.9	965.8	935.7
958.6	40°	922.8	886.9	856.0	825.0	868.8	912.7	996.5	1080.3	1036.5	992.6
1240.8	42.5°	1175.6	1110.3	1042.9	975.4	1000.7	1025.9	1109.1	1192.3	1128.9	1065.6
1589.4	45°	1482.1	1374.8	1266.8	1158.8	1169.9	1181.0	1255.8	1330.5	1245.1	1159.7
1979.1	47.5°	1822.1	1665.1	1509.3	1353.5	1355.7	1358.0	1430.7	1503.4	1383.2	1262.9
2367.3	50°	2160.1	1952.9	1752.0	1551.1	1550.8	1550.4	1640.2	1730.0	1548.7	1367.4
2743.3	52.5°	2486.9	2230.4	1990.5	1750.6	1761.6	1772.6	1881.3	1990.1	1722.6	1455.2
3111.8	55°	2806.1	2500.4	2233.4	1966.4	2009.3	2052.1	2159.5	2267.0	1876.8	1486.7
3461.6	57.5°	3115.4	2769.1	2499.5	2229.9	2315.8	2401.8	2460.3	2518.8	1986.1	1453.3
3891.0	60°	3520.3	3149.6	2894.4	2639.3	2746.0	2852.8	2761.9	2671.0	2013.4	1355.7
4239.1	62.5°	3886.4	3533.7	3300.0	3066.2	3078.3	3090.3	2842.0	2593.8	1898.4	1203.1
4275.3	65°	3933.4	3591.4	3294.3	2997.3	2951.2	2905.1	2672.1	2439.0	1735.7	1032.4
4024.1	67.5°	3680.7	3337.2	3027.7	2718.2	2696.6	2675.0	2453.4	2231.8	1542.1	852.4
3628.8	70°	3333.3	3037.7	2761.0	2484.2	2474.5	2464.8	2223.8	1982.7	1330.8	679.0
3128.9	72.5°	2907.5	2686.2	2469.6	2253.1	2246.2	2239.2	1962.6	1685.9	1101.8	517.7
2583.1	75°	2427.3	2271.5	2103.0	1934.5	1908.8	1883.1	1596.8	1310.5	839.3	368.0
2021.6	77.5°	1911.1	1800.6	1672.5	1544.4	1507.7	1470.9	1203.6	936.3	587.4	238.5
1463.4	80°	1405.4	1347.4	1250.7	1154.0	1108.2	1062.5	837.7	612.8	378.5	144.1
947.4	82.5°	923.2	899.0	832.4	765.8	714.8	663.7	509.9	356.2	219.0	81.9
543.7	85°	529.9	516.2	461.5	406.8	363.3	319.9	238.3	156.7	98.5	40.4
208.9	87.5°	207.7	206.5	179.2	151.8	127.6	103.4	75.9	48.5	32.3	16.0
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°
588.1	0°	588.1	588.1	588.1	588.1	588.1	588.1	588.1	588.1	588.1	588.1
617.6	2.5°	612.5	607.3	602.1	597.1	592.1	587.3	582.0	577.7	573.3	569.4
648.0	5°	637.3	626.5	615.8	605.7	595.7	586.2	576.8	568.7	560.5	553.6
676.2	7.5°	659.9	644.0	628.1	614.1	600.0	587.1	575.0	564.1	553.3	544.2
698.3	10°	676.7	657.4	638.0	621.5	604.9	588.9	575.9	564.4	553.0	543.9
713.5	12.5°	689.0	666.2	643.4	624.7	605.9	589.1	577.0	567.6	558.3	552.3
722.9	15°	696.4	670.2	643.9	622.2	600.5	581.9	572.2	567.7	563.3	564.1
727.5	17.5°	698.5	668.1	637.6	611.5	585.4	563.5	557.5	559.2	560.8	570.7
731.0	20°	699.2	662.3	625.4	593.0	560.6	535.2	533.6	541.3	549.0	566.1
735.8	22.5°	700.1	655.2	610.3	571.3	532.3	503.4	506.5	517.8	529.2	548.7
744.5	25°	703.7	648.2	592.8	547.1	501.5	471.8	480.1	493.2	506.3	523.9
758.0	27.5°	711.1	643.5	575.9	525.0	474.0	447.0	457.1	469.8	482.4	496.8
775.6	30°	721.3	641.3	561.3	506.5	451.6	428.9	436.9	446.9	457.0	468.9
793.9	32.5°	730.1	638.6	547.1	490.5	433.9	415.6	419.1	425.1	431.0	440.6
814.7	35°	736.6	633.5	530.5	474.8	419.1	403.9	402.4	404.0	405.7	413.0
838.1	37.5°	740.4	624.8	509.2	456.3	403.5	390.2	384.8	383.0	381.2	386.5
867.7	40°	742.8	612.8	482.7	434.3	385.9	373.8	365.6	361.5	357.4	361.2
906.5	42.5°	747.4	600.4	453.3	410.0	366.7	355.6	345.2	339.8	334.3	337.4
957.6	45°	755.5	588.8	422.2	384.2	346.2	334.9	324.9	319.6	314.3	316.9
1012.0	47.5°	761.0	579.3	397.6	363.8	329.9	315.4	306.7	302.3	297.9	300.3
1062.4	50°	757.4	568.9	380.5	350.2	320.0	300.8	290.8	286.9	283.0	286.8
1095.2	52.5°	735.2	551.4	367.6	341.3	314.9	292.9	278.9	275.0	271.2	276.9
1088.0	55°	689.2	522.3	355.4	334.8	314.2	293.7	272.6	266.4	260.3	268.4
1037.1	57.5°	621.0	481.3	341.7	327.1	312.6	294.5	268.8	259.8	250.9	259.6
942.6	60°	529.4	428.1	326.8	315.4	303.9	292.0	265.2	253.6	242.0	249.7
814.7	62.5°	426.3	364.4	302.6	295.0	287.4	285.9	261.1	246.6	232.1	237.0
684.2	65°	336.0	307.1	278.3	274.7	271.1	271.3	252.3	236.9	221.5	223.4
556.3	67.5°	260.3	252.1	243.8	245.9	247.8	247.3	236.7	223.9	211.1	210.5
438.0	70°	197.1	199.5	201.8	211.1	220.4	220.4	216.9	207.8	198.6	196.6
334.9	72.5°	152.1	159.1	166.2	179.4	192.6	194.8	194.8	188.6	182.3	179.3
243.1	75°	118.1	124.5	130.9	145.7	160.4	170.6	169.8	165.0	160.1	157.3
164.7	77.5°	90.9	95.3	99.6	114.0	128.3	145.1	144.7	140.8	136.9	134.1
106.1	80°	68.2	70.0	71.8	83.9	96.0	116.1	116.0	112.8	109.6	107.2
65.3	82.5°	48.7	49.0	49.4	58.3	67.3	84.4	85.4	83.8	82.2	80.5
34.9	85°	29.5	29.3	29.1	35.7	42.2	55.0	56.2	54.5	52.8	50.9
14.5	87.5°	12.9	12.8	12.6	15.3	17.9	23.2	24.8	24.1	23.5	23.1
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°
588.1	0°	588.1	588.1	588.1	588.1	588.1	588.1	588.1	588.1	588.1	588.1
565.6	2.5°	562.1	558.7	555.3	551.9	549.3	546.6	544.5	542.3	540.6	539.0
546.8	5°	540.7	534.7	529.2	523.7	519.5	515.2	512.3	509.3	507.2	505.1
535.2	7.5°	527.6	520.0	513.2	506.5	501.5	496.5	493.0	489.5	487.0	484.6
534.9	10°	526.7	518.5	510.9	503.4	497.4	491.4	487.4	483.5	481.2	478.9
546.3	12.5°	539.9	533.5	525.6	517.8	510.2	502.5	497.4	492.3	489.8	487.2
564.9	15°	563.2	561.5	554.7	548.0	537.0	526.1	518.4	510.7	507.1	503.6
580.5	17.5°	585.7	590.9	585.5	580.0	565.5	551.1	539.7	528.3	523.1	517.8
583.2	20°	594.1	605.1	602.5	600.0	583.4	566.9	553.0	539.0	532.3	525.6
568.2	22.5°	582.5	596.7	598.2	599.7	583.9	568.2	553.8	539.4	532.4	525.3
541.4	25°	555.4	569.4	574.7	579.9	566.9	554.0	541.2	528.5	522.4	516.2
511.2	27.5°	522.5	533.7	539.5	545.4	536.1	526.9	517.0	507.1	503.0	498.9
480.9	30°	490.2	499.5	504.3	509.0	502.0	495.0	487.9	480.7	478.6	476.5
450.1	32.5°	459.1	468.0	473.3	478.6	472.1	465.6	460.0	454.3	452.9	451.5
420.2	35°	429.1	437.9	444.3	450.6	446.0	441.4	436.2	430.9	428.8	426.8
391.7	37.5°	400.5	409.3	417.1	425.0	422.8	420.7	415.9	411.1	407.3	403.5
365.0	40°	373.5	382.0	391.0	400.0	400.5	401.0	397.0	392.9	387.3	381.8
340.5	42.5°	348.6	356.7	366.4	376.1	378.7	381.3	377.8	374.4	367.5	360.6
319.5	45°	327.2	334.9	344.9	355.0	358.7	362.4	359.3	356.2	348.4	340.5
302.8	47.5°	310.3	317.8	327.7	337.6	341.9	346.2	344.0	341.9	334.9	327.9
290.6	50°	297.7	304.7	313.6	322.5	328.0	333.5	333.4	333.3	327.7	322.1
282.6	52.5°	289.1	295.5	303.8	312.1	318.6	325.2	326.3	327.5	322.9	318.4
276.5	55°	283.5	290.5	297.8	305.0	311.9	318.8	320.5	322.1	318.1	314.1
268.3	57.5°	276.5	284.8	291.9	299.1	306.1	313.1	314.7	316.4	312.3	308.3
257.3	60°	266.8	276.2	283.5	290.8	297.8	304.8	306.6	308.4	304.5	300.6
241.8	62.5°	252.8	263.8	271.6	279.4	285.8	292.2	293.9	295.7	292.1	288.6
225.2	65°	237.0	248.8	256.3	263.7	269.4	275.0	276.8	278.5	275.1	271.7
209.9	67.5°	220.8	231.7	238.7	245.8	250.6	255.5	257.3	259.0	255.8	252.7
194.6	70°	204.2	213.7	219.8	225.9	230.3	234.7	236.4	238.0	235.5	232.9
176.4	72.5°	183.9	191.4	196.9	202.4	206.7	211.1	213.0	215.0	212.9	210.8
154.4	75°	160.0	165.6	170.6	175.6	179.5	183.4	185.5	187.6	186.5	185.5
131.2	77.5°	135.7	140.3	144.5	148.8	153.0	157.1	159.0	161.0	159.5	158.0
104.7	80°	108.5	112.3	115.9	119.5	122.6	125.7	128.3	130.9	130.3	129.7
78.8	82.5°	78.4	78.1	76.9	75.6	82.3	89.0	93.3	97.7	97.4	97.2
49.0	85°	47.3	45.7	42.2	38.7	45.0	51.2	56.6	62.1	61.6	61.2
22.7	87.5°	22.7	22.6	20.0	17.3	19.9	22.5	24.7	26.9	26.4	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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
588.1	0°	588.1	588.1	588.1	588.1	588.1	588.1	588.1	588.1	588.1	588.1
537.4	2.5°	535.9	534.0	535.9	537.4	539.0	540.6	542.3	544.5	546.6	549.3
503.5	5°	501.9	500.3	501.9	503.5	505.1	507.2	509.3	512.3	515.2	519.5
483.2	7.5°	481.8	480.7	481.8	483.2	484.6	487.0	489.5	493.0	496.5	501.5
477.7	10°	476.5	476.0	476.5	477.7	478.9	481.2	483.5	487.4	491.4	497.4
486.2	12.5°	485.2	485.0	485.2	486.2	487.2	489.8	492.3	497.4	502.5	510.2
502.3	15°	500.9	500.8	500.9	502.3	503.6	507.1	510.7	518.4	526.1	537.0
516.1	17.5°	514.4	514.1	514.4	516.1	517.8	523.1	528.3	539.7	551.1	565.5
523.5	20°	521.3	520.6	521.3	523.5	525.6	532.3	539.0	553.0	566.9	583.4
522.9	22.5°	520.5	519.5	520.5	522.9	525.3	532.4	539.4	553.8	568.2	583.9
514.0	25°	511.8	510.5	511.8	514.0	516.2	522.4	528.5	541.2	554.0	566.9
497.9	27.5°	496.8	496.5	496.8	497.9	498.9	503.0	507.1	517.0	526.9	536.1
476.5	30°	476.5	476.9	476.5	476.5	476.5	478.6	480.7	487.9	495.0	502.0
451.7	32.5°	451.9	452.3	451.9	451.7	451.5	452.9	454.3	460.0	465.6	472.1
426.3	35°	425.9	425.6	425.9	426.3	426.8	428.8	430.9	436.2	441.4	446.0
401.5	37.5°	399.5	398.3	399.5	401.5	403.5	407.3	411.1	415.9	420.7	422.8
378.1	40°	374.4	372.1	374.4	378.1	381.8	387.3	392.9	397.0	401.0	400.5
355.2	42.5°	349.8	346.2	349.8	355.2	360.6	367.5	374.4	377.8	381.3	378.7
334.1	45°	327.7	323.6	327.7	334.1	340.5	348.4	356.2	359.3	362.4	358.7
322.0	47.5°	316.1	312.1	316.1	322.0	327.9	334.9	341.9	344.0	346.2	341.9
316.6	50°	311.2	307.4	311.2	316.6	322.1	327.7	333.3	333.4	333.5	328.0
313.5	52.5°	308.6	305.1	308.6	313.5	318.4	322.9	327.5	326.3	325.2	318.6
309.9	55°	305.6	302.4	305.6	309.9	314.1	318.1	322.1	320.5	318.8	311.9
304.1	57.5°	299.8	296.5	299.8	304.1	308.3	312.3	316.4	314.7	313.1	306.1
296.2	60°	291.8	288.4	291.8	296.2	300.6	304.5	308.4	306.6	304.8	297.8
284.0	62.5°	279.4	275.3	279.4	284.0	288.6	292.1	295.7	293.9	292.2	285.8
267.3	65°	262.8	259.3	262.8	267.3	271.7	275.1	278.5	276.8	275.0	269.4
248.6	67.5°	244.4	241.3	244.4	248.6	252.7	255.8	259.0	257.3	255.5	250.6
229.0	70°	225.0	221.4	225.0	229.0	232.9	235.5	238.0	236.4	234.7	230.3
207.0	72.5°	203.2	199.7	203.2	207.0	210.8	212.9	215.0	213.0	211.1	206.7
182.3	75°	179.1	175.8	179.1	182.3	185.5	186.5	187.6	185.5	183.4	179.5
154.8	77.5°	151.6	148.9	151.6	154.8	158.0	159.5	161.0	159.0	157.1	153.0
125.3	80°	121.0	116.0	121.0	125.3	129.7	130.3	130.9	128.3	125.7	122.6
93.5	82.5°	89.9	86.7	89.9	93.5	97.2	97.4	97.7	93.3	89.0	82.3
58.3	85°	55.5	52.6	55.5	58.3	61.2	61.6	62.1	56.6	51.2	45.0
24.3	87.5°	22.8	21.4	22.8	24.3	25.8	26.4	26.9	24.7	22.5	19.9
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
588.1	0°	588.1	588.1	588.1	588.1	588.1	588.1	588.1	588.1	588.1	588.1
551.9	2.5°	555.3	558.7	562.1	565.6	569.4	573.3	577.7	582.0	587.3	592.1
523.7	5°	529.2	534.7	540.7	546.8	553.6	560.5	568.7	576.8	586.2	595.7
506.5	7.5°	513.2	520.0	527.6	535.2	544.2	553.3	564.1	575.0	587.1	600.0
503.4	10°	510.9	518.5	526.7	534.9	543.9	553.0	564.4	575.9	588.9	604.9
517.8	12.5°	525.6	533.5	539.9	546.3	552.3	558.3	567.6	577.0	589.1	605.9
548.0	15°	554.7	561.5	563.2	564.9	564.1	563.3	567.7	572.2	581.9	600.5
580.0	17.5°	585.5	590.9	585.7	580.5	570.7	560.8	559.2	557.5	563.5	585.4
600.0	20°	602.5	605.1	594.1	583.2	566.1	549.0	541.3	533.6	535.2	560.6
599.7	22.5°	598.2	596.7	582.5	568.2	548.7	529.2	517.8	506.5	503.4	532.3
579.9	25°	574.7	569.4	555.4	541.4	523.9	506.3	493.2	480.1	471.8	501.5
545.4	27.5°	539.5	533.7	522.5	511.2	496.8	482.4	469.8	457.1	447.0	474.0
509.0	30°	504.3	499.5	490.2	480.9	468.9	457.0	446.9	436.9	428.9	451.6
478.6	32.5°	473.3	468.0	459.1	450.1	440.6	431.0	425.1	419.1	415.6	433.9
450.6	35°	444.3	437.9	429.1	420.2	413.0	405.7	404.0	402.4	403.9	419.1
425.0	37.5°	417.1	409.3	400.5	391.7	386.5	381.2	383.0	384.8	390.2	403.5
400.0	40°	391.0	382.0	373.5	365.0	361.2	357.4	361.5	365.6	373.8	385.9
376.1	42.5°	366.4	356.7	348.6	340.5	337.4	334.3	339.8	345.2	355.6	366.7
355.0	45°	344.9	334.9	327.2	319.5	316.9	314.3	319.6	324.9	334.9	346.2
337.6	47.5°	327.7	317.8	310.3	302.8	300.3	297.9	302.3	306.7	315.4	329.9
322.5	50°	313.6	304.7	297.7	290.6	286.8	283.0	286.9	290.8	300.8	320.0
312.1	52.5°	303.8	295.5	289.1	282.6	276.9	271.2	275.0	278.9	292.9	314.9
305.0	55°	297.8	290.5	283.5	276.5	268.4	260.3	266.4	272.6	293.7	314.2
299.1	57.5°	291.9	284.8	276.5	268.3	259.6	250.9	259.8	268.8	294.5	312.6
290.8	60°	283.5	276.2	266.8	257.3	249.7	242.0	253.6	265.2	292.0	303.9
279.4	62.5°	271.6	263.8	252.8	241.8	237.0	232.1	246.6	261.1	285.9	287.4
263.7	65°	256.3	248.8	237.0	225.2	223.4	221.5	236.9	252.3	271.3	271.1
245.8	67.5°	238.7	231.7	220.8	209.9	210.5	211.1	223.9	236.7	247.3	247.8
225.9	70°	219.8	213.7	204.2	194.6	196.6	198.6	207.8	216.9	220.4	220.4
202.4	72.5°	196.9	191.4	183.9	176.4	179.3	182.3	188.6	194.8	194.8	192.6
175.6	75°	170.6	165.6	160.0	154.4	157.3	160.1	165.0	169.8	170.6	160.4
148.8	77.5°	144.5	140.3	135.7	131.2	134.1	136.9	140.8	144.7	145.1	128.3
119.5	80°	115.9	112.3	108.5	104.7	107.2	109.6	112.8	116.0	116.1	96.0
75.6	82.5°	76.9	78.1	78.4	78.8	80.5	82.2	83.8	85.4	84.4	67.3
38.7	85°	42.2	45.7	47.3	49.0	50.9	52.8	54.5	56.2	55.0	42.2
17.3	87.5°	20.0	22.6	22.7	22.7	23.1	23.5	24.1	24.8	23.2	17.9
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):

325°		330°	335°	340°	345°	350°	355°	360°
588.1	0°	588.1	588.1	588.1	588.1	588.1	588.1	588.1
597.1	2.5°	602.1	607.3	612.5	617.6	622.8	627.6	632.5
605.7	5°	615.8	626.5	637.3	648.0	658.6	669.4	680.1
614.1	7.5°	628.1	644.0	659.9	676.2	692.6	710.2	727.9
621.5	10°	638.0	657.4	676.7	698.3	719.9	742.2	764.6
624.7	12.5°	643.4	666.2	689.0	713.5	737.9	762.5	787.1
622.2	15°	643.9	670.2	696.4	722.9	749.5	775.1	800.7
611.5	17.5°	637.6	668.1	698.5	727.5	756.4	782.4	808.4
593.0	20°	625.4	662.3	699.2	731.0	762.8	789.9	816.9
571.3	22.5°	610.3	655.2	700.1	735.8	771.5	799.1	826.7
547.1	25°	592.8	648.2	703.7	744.5	785.3	812.3	839.3
525.0	27.5°	575.9	643.5	711.1	758.0	804.9	830.7	856.5
506.5	30°	561.3	641.3	721.3	775.6	829.8	854.7	879.6
490.5	32.5°	547.1	638.6	730.1	793.9	857.6	882.2	906.9
474.8	35°	530.5	633.5	736.6	814.7	892.8	916.5	940.1
456.3	37.5°	509.2	624.8	740.4	838.1	935.7	965.8	995.9
434.3	40°	482.7	612.8	742.8	867.7	992.6	1036.5	1080.3
410.0	42.5°	453.3	600.4	747.4	906.5	1065.6	1128.9	1192.3
384.2	45°	422.2	588.8	755.5	957.6	1159.7	1245.1	1330.5
363.8	47.5°	397.6	579.3	761.0	1012.0	1262.9	1383.2	1503.4
350.2	50°	380.5	568.9	757.4	1062.4	1367.4	1548.7	1730.0
341.3	52.5°	367.6	551.4	735.2	1095.2	1455.2	1722.6	1990.1
334.8	55°	355.4	522.3	689.2	1088.0	1486.7	1876.8	2267.0
327.1	57.5°	341.7	481.3	621.0	1037.1	1453.3	1986.1	2518.8
315.4	60°	326.8	428.1	529.4	942.6	1355.7	2013.4	2671.0
295.0	62.5°	302.6	364.4	426.3	814.7	1203.1	1898.4	2593.8
274.7	65°	278.3	307.1	336.0	684.2	1032.4	1735.7	2439.0
245.9	67.5°	243.8	252.1	260.3	556.3	852.4	1542.1	2231.8
211.1	70°	201.8	199.5	197.1	438.0	679.0	1330.8	1982.7
179.4	72.5°	166.2	159.1	152.1	334.9	517.7	1101.8	1685.9
145.7	75°	130.9	124.5	118.1	243.1	368.0	839.3	1310.5
114.0	77.5°	99.6	95.3	90.9	164.7	238.5	587.4	936.3
83.9	80°	71.8	70.0	68.2	106.1	144.1	378.5	612.8
58.3	82.5°	49.4	49.0	48.7	65.3	81.9	219.0	356.2
35.7	85°	29.1	29.3	29.5	34.9	40.4	98.5	156.7
15.3	87.5°	12.6	12.8	12.9	14.5	16.0	32.3	48.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)