

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: P945806

Luminaire Tested: **GALN-SB1C-927-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945806
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-927-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 90 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4544 lumens
Efficiency: N/A
Efficacy: 83.5 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

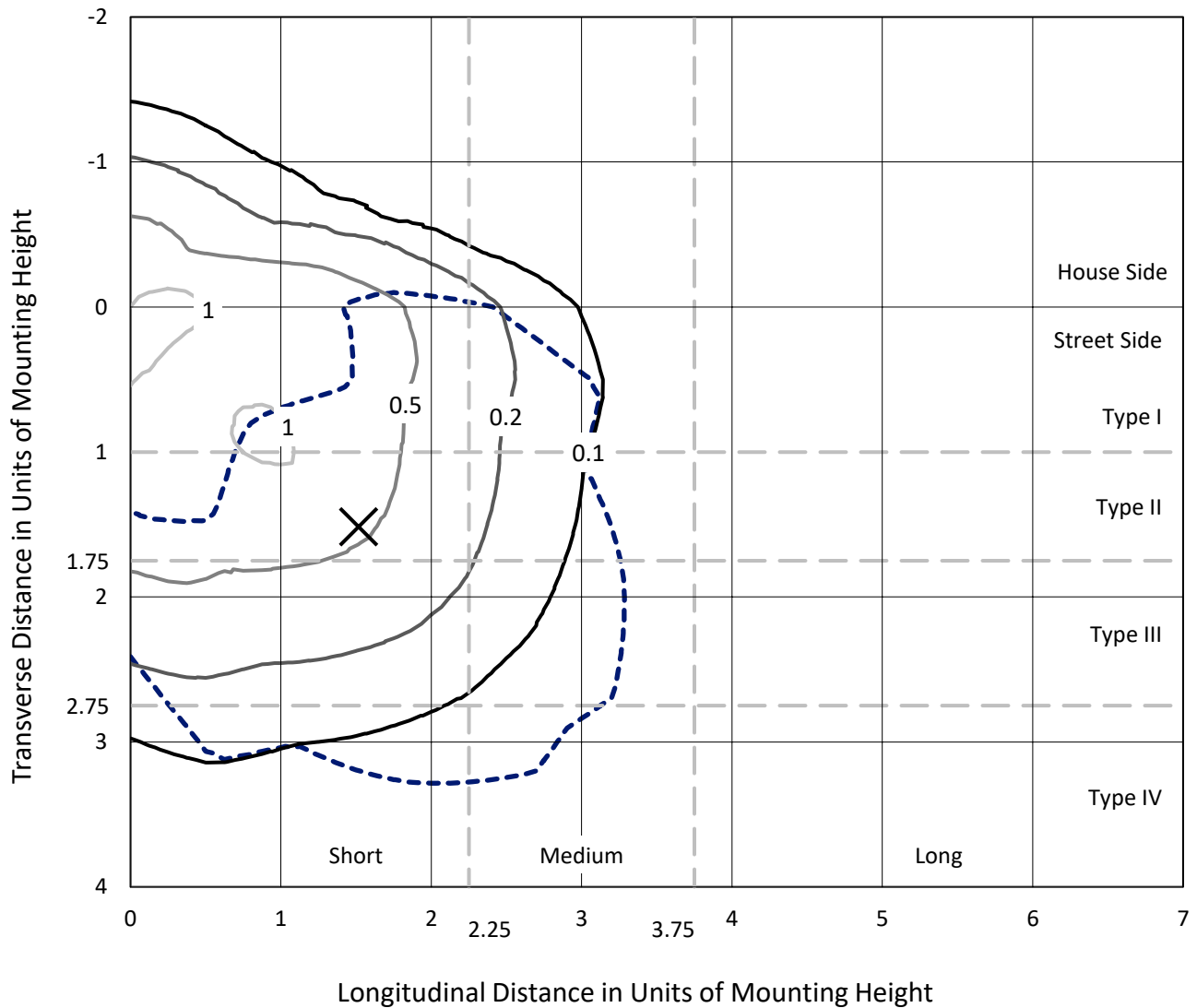
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

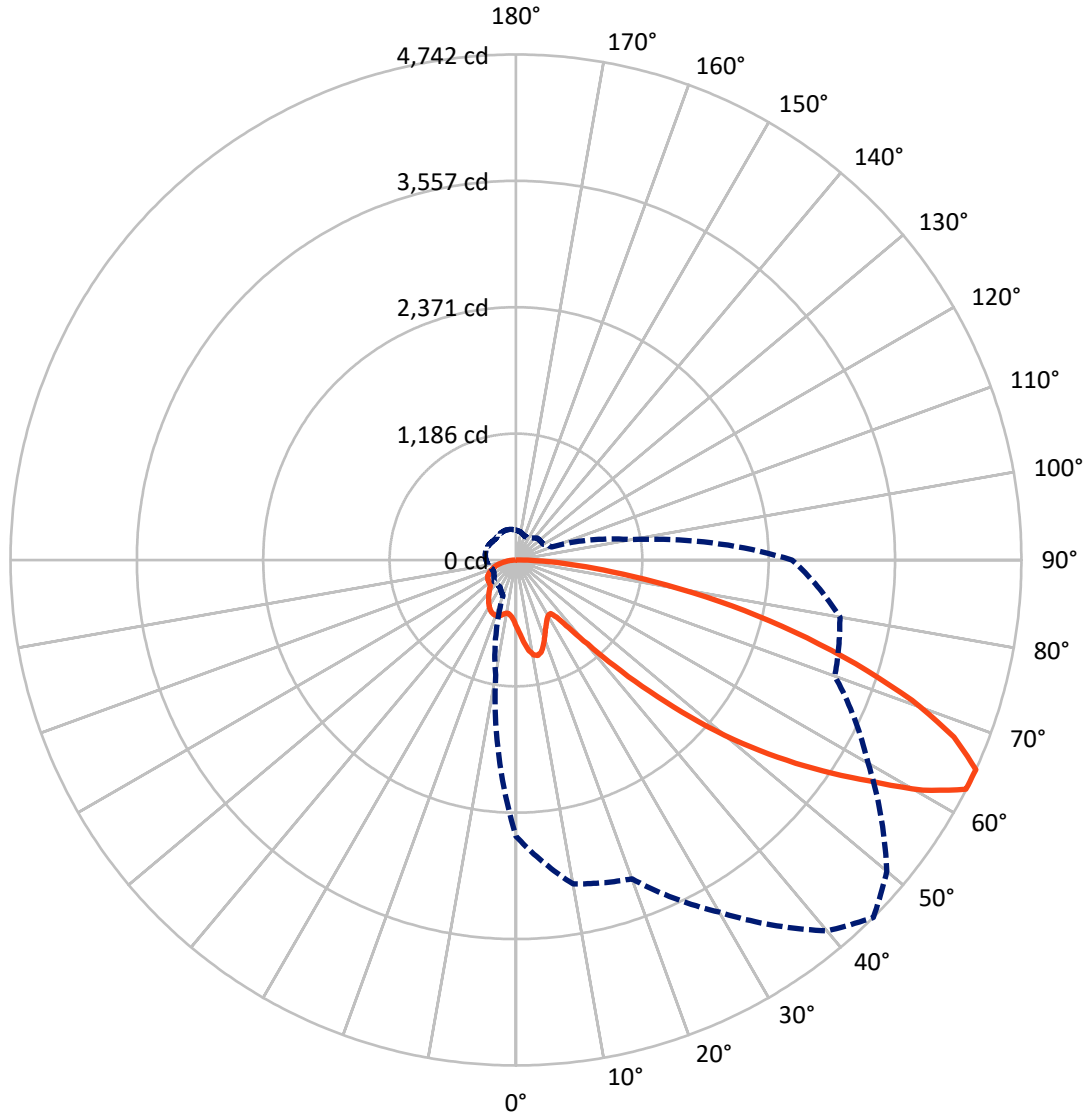
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.4 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	1154.9	0.0	1154.9
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	3389.1	0.0	3389.1
	% Fixture	74.6	0.0	74.6
Total	Lumens	4544.0	0.0	4544.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.0	1.4
10°-20°	194.6	4.3
20°-30°	300.6	6.6
30°-40°	380.9	8.4
40°-50°	574.5	12.6
50°-60°	928.1	20.4
60°-70°	1157.1	25.5
70°-80°	758.7	16.7
80°-90°	187.6	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°	4544.0	100.0
0°-180°	4544.0	100.0

Coefficient of Utilization



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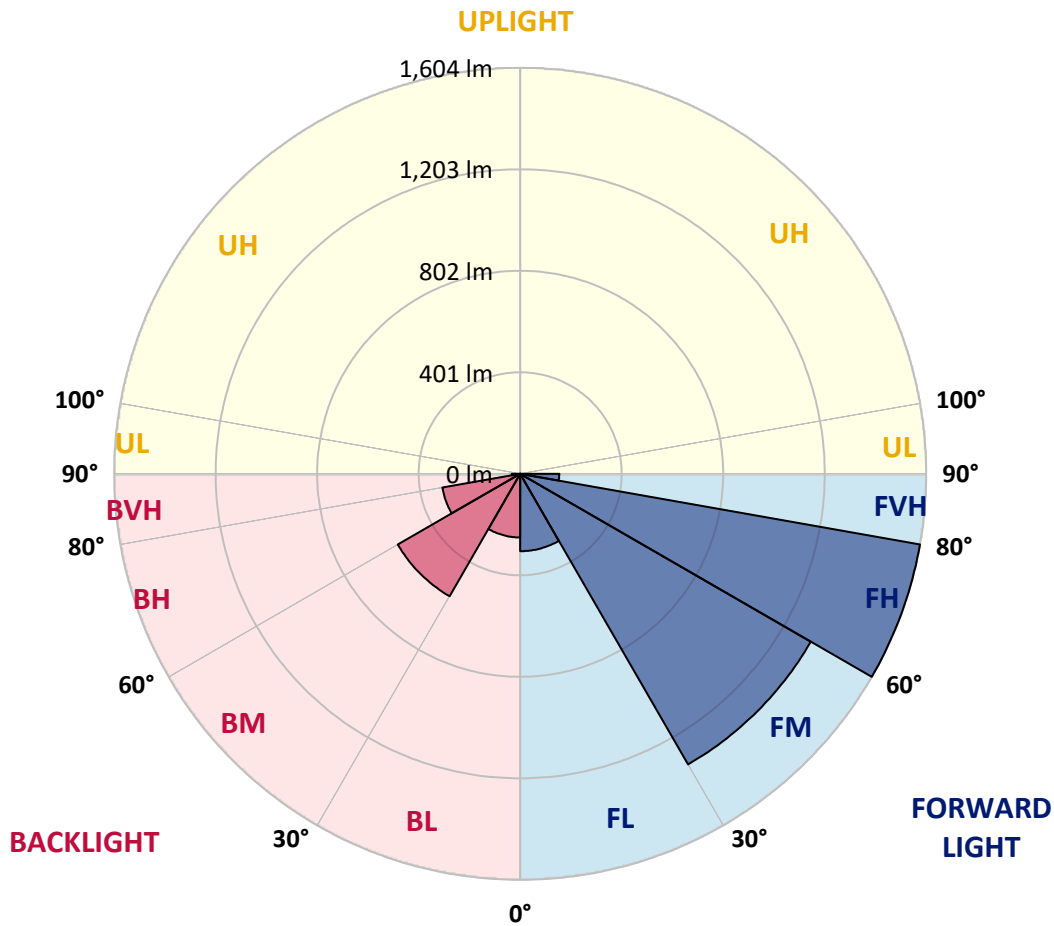
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	305.6	6.7			
FM (30°-60°)	1325.4	29.2			
FH (60°-80°)	1603.6	35.3			G1/1800
FVH (80°-90°)	154.5	3.4			G2/225
BL (0°-30°)	251.5	5.5	B1/500		
BM (30°-60°)	558.1	12.3	B1/1000		
BH (60°-80°)	312.2	6.9	B1/500		G1/500
BVH (80°-90°)	33.1	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°	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8
2.5°	672.0	674.5	677.1	680.7	684.3	686.5	688.6	689.7	690.8	690.3
5°	722.5	731.4	740.4	749.2	758.0	762.8	767.6	770.5	773.4	775.7
7.5°	773.4	787.9	802.3	815.3	828.4	836.2	844.0	848.3	852.5	854.5
10°	812.3	829.5	846.6	861.9	877.1	886.4	895.6	899.7	903.8	905.4
12.5°	836.2	854.8	873.3	887.1	900.9	907.6	914.3	916.5	918.8	919.0
15°	850.7	866.7	882.7	891.4	900.0	900.3	900.5	898.1	895.7	892.9
17.5°	858.9	869.7	880.5	880.6	880.8	871.1	861.4	852.5	843.6	837.3
20°	867.8	871.6	875.4	864.0	852.6	831.2	809.7	794.1	778.5	768.9
22.5°	878.3	873.3	868.4	844.8	821.2	789.7	758.2	738.6	719.1	708.5
25°	891.7	876.1	860.5	824.7	788.9	750.6	712.3	691.8	671.3	661.3
27.5°	909.9	882.1	854.2	806.7	759.3	716.9	674.4	654.2	634.1	624.6
30°	934.5	892.9	851.4	793.0	734.6	690.4	646.2	627.5	608.7	599.9
32.5°	963.5	906.6	849.7	783.7	717.6	676.0	634.5	619.8	605.1	598.7
35°	998.8	929.1	859.5	790.7	721.8	693.0	664.1	660.7	657.3	656.7
37.5°	1058.1	976.2	894.3	831.7	769.1	767.3	765.4	781.1	796.8	804.9
40°	1147.8	1058.7	969.6	923.1	876.5	909.4	942.2	980.4	1018.5	1037.5
42.5°	1266.7	1178.3	1089.9	1063.1	1036.3	1108.0	1179.6	1249.0	1318.3	1359.0
45°	1413.6	1334.2	1254.8	1242.9	1231.1	1345.9	1460.7	1574.6	1688.6	1757.7
47.5°	1597.2	1520.0	1442.7	1440.3	1437.9	1603.5	1769.1	1935.9	2102.7	2200.6
50°	1838.0	1742.5	1647.2	1647.6	1648.0	1861.4	2074.8	2295.0	2515.1	2648.3
52.5°	2114.3	1998.8	1883.3	1871.6	1859.9	2114.8	2369.7	2642.1	2914.5	3074.1
55°	2408.5	2294.4	2180.2	2134.7	2089.2	2372.9	2656.5	2981.3	3306.1	3495.8
57.5°	2676.1	2613.9	2551.7	2460.4	2369.1	2655.6	2942.0	3309.9	3677.7	3913.0
60°	2837.8	2934.3	3030.9	2917.5	2804.1	3075.1	3346.2	3740.1	4133.9	4388.3
62.5°	2755.7	3019.4	3283.2	3270.4	3257.6	3506.0	3754.3	4129.0	4503.7	4738.8
65°	2591.3	2838.9	3086.4	3135.4	3184.4	3500.0	3815.6	4178.9	4542.2	4742.4
67.5°	2371.1	2606.5	2842.0	2865.0	2887.9	3216.7	3545.5	3910.4	4275.3	4432.1
70°	2106.5	2362.6	2618.7	2629.0	2639.3	2933.3	3227.3	3541.4	3855.4	3942.5
72.5°	1791.2	2085.1	2379.0	2386.4	2393.7	2623.8	2853.9	3089.0	3324.2	3333.0
75°	1392.3	1696.5	2000.7	2028.0	2055.3	2234.3	2413.3	2578.8	2744.4	2700.0
77.5°	994.8	1278.7	1562.7	1601.8	1640.9	1776.9	1913.0	2030.4	2147.9	2071.6
80°	651.1	890.0	1128.8	1177.4	1226.0	1328.8	1431.5	1493.1	1554.8	1432.1
82.5°	378.5	541.8	705.1	759.4	813.7	884.4	955.1	980.8	1006.6	910.2
85°	166.5	253.2	339.9	386.0	432.2	490.3	548.4	563.0	577.6	500.4
87.5°	51.6	80.7	109.8	135.6	161.3	190.4	219.4	220.7	221.9	186.3
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°
624.8	0°	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8
690.8	2.5°	689.7	688.6	686.5	684.3	680.7	677.1	674.5	672.0	666.8	661.6
773.4	5°	770.5	767.6	762.8	758.0	749.2	740.4	731.4	722.5	711.2	699.8
852.5	7.5°	848.3	844.0	836.2	828.4	815.3	802.3	787.9	773.4	754.6	735.8
903.8	10°	899.7	895.6	886.4	877.1	861.9	846.6	829.5	812.3	788.6	764.8
918.8	12.5°	916.5	914.3	907.6	900.9	887.1	873.3	854.8	836.2	810.1	784.0
895.7	15°	898.1	900.5	900.3	900.0	891.4	882.7	866.7	850.7	823.5	796.3
843.6	17.5°	852.5	861.4	871.1	880.8	880.6	880.5	869.7	858.9	831.3	803.7
778.5	20°	794.1	809.7	831.2	852.6	864.0	875.4	871.6	867.8	839.2	810.5
719.1	22.5°	738.6	758.2	789.7	821.2	844.8	868.4	873.3	878.3	849.0	819.7
671.3	25°	691.8	712.3	750.6	788.9	824.7	860.5	876.1	891.7	863.0	834.3
634.1	27.5°	654.2	674.4	716.9	759.3	806.7	854.2	882.1	909.9	882.5	855.1
608.7	30°	627.5	646.2	690.4	734.6	793.0	851.4	892.9	934.5	908.0	881.6
605.1	32.5°	619.8	634.5	676.0	717.6	783.7	849.7	906.6	963.5	937.3	911.1
657.3	35°	660.7	664.1	693.0	721.8	790.7	859.5	929.1	998.8	973.7	948.6
796.8	37.5°	781.1	765.4	767.3	769.1	831.7	894.3	976.2	1058.1	1026.1	994.1
1018.5	40°	980.4	942.2	909.4	876.5	923.1	969.6	1058.7	1147.8	1101.2	1054.6
1318.3	42.5°	1249.0	1179.6	1108.0	1036.3	1063.1	1089.9	1178.3	1266.7	1199.4	1132.1
1688.6	45°	1574.6	1460.7	1345.9	1231.1	1242.9	1254.8	1334.2	1413.6	1322.8	1232.1
2102.7	47.5°	1935.9	1769.1	1603.5	1437.9	1440.3	1442.7	1520.0	1597.2	1469.5	1341.7
2515.1	50°	2295.0	2074.8	1861.4	1648.0	1647.6	1647.2	1742.5	1838.0	1645.4	1452.8
2914.5	52.5°	2642.1	2369.7	2114.8	1859.9	1871.6	1883.3	1998.8	2114.3	1830.2	1546.0
3306.1	55°	2981.3	2656.5	2372.9	2089.2	2134.7	2180.2	2294.4	2408.5	1994.0	1579.5
3677.7	57.5°	3309.9	2942.0	2655.6	2369.1	2460.4	2551.7	2613.9	2676.1	2110.1	1544.1
4133.9	60°	3740.1	3346.2	3075.1	2804.1	2917.5	3030.9	2934.3	2837.8	2139.1	1440.3
4503.7	62.5°	4129.0	3754.3	3506.0	3257.6	3270.4	3283.2	3019.4	2755.7	2016.9	1278.2
4542.2	65°	4178.9	3815.6	3500.0	3184.4	3135.4	3086.4	2838.9	2591.3	1844.1	1096.8
4275.3	67.5°	3910.4	3545.5	3216.7	2887.9	2865.0	2842.0	2606.5	2371.1	1638.4	905.7
3855.4	70°	3541.4	3227.3	2933.3	2639.3	2629.0	2618.7	2362.6	2106.5	1413.9	721.3
3324.2	72.5°	3089.0	2853.9	2623.8	2393.7	2386.4	2379.0	2085.1	1791.2	1170.6	550.0
2744.4	75°	2578.8	2413.3	2234.3	2055.3	2028.0	2000.7	1696.5	1392.3	891.7	391.0
2147.9	77.5°	2030.4	1913.0	1776.9	1640.9	1601.8	1562.7	1278.7	994.8	624.1	253.4
1554.8	80°	1493.1	1431.5	1328.8	1226.0	1177.4	1128.8	890.0	651.1	402.1	153.1
1006.6	82.5°	980.8	955.1	884.4	813.7	759.4	705.1	541.8	378.5	232.7	87.0
577.6	85°	563.0	548.4	490.3	432.2	386.0	339.9	253.2	166.5	104.7	42.9
221.9	87.5°	220.7	219.4	190.4	161.3	135.6	109.8	80.7	51.6	34.3	17.0
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°
624.8	0°	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8
656.2	2.5°	650.7	645.2	639.7	634.4	629.1	624.0	618.3	613.7	609.1	605.0
688.4	5°	677.1	665.6	654.2	643.5	632.9	622.8	612.9	604.2	595.5	588.2
718.4	7.5°	701.1	684.2	667.3	652.4	637.5	623.8	610.9	599.3	587.8	578.2
741.9	10°	718.9	698.4	677.9	660.3	642.6	625.7	611.8	599.7	587.5	577.9
758.0	12.5°	732.0	707.8	683.6	663.7	643.7	625.9	613.0	603.1	593.1	586.8
768.1	15°	739.9	712.0	684.1	661.0	638.0	618.2	607.9	603.2	598.4	599.3
772.9	17.5°	742.1	709.8	677.4	649.7	621.9	598.7	592.4	594.1	595.8	606.3
776.7	20°	742.9	703.6	664.4	630.0	595.6	568.6	566.9	575.1	583.2	601.4
781.7	22.5°	743.8	696.1	648.4	607.0	565.6	534.8	538.1	550.2	562.2	582.9
791.0	25°	747.6	688.7	629.8	581.2	532.8	501.2	510.1	524.0	537.9	556.6
805.3	27.5°	755.5	683.7	611.9	557.7	503.6	474.9	485.7	499.1	512.5	527.8
824.0	30°	766.4	681.4	596.4	538.1	479.8	455.7	464.1	474.8	485.5	498.2
843.4	32.5°	775.7	678.5	581.2	521.1	461.0	441.5	445.3	451.6	457.9	468.1
865.6	35°	782.6	673.1	563.6	504.5	445.3	429.1	427.5	429.2	431.0	438.7
890.4	37.5°	786.6	663.8	541.0	484.8	428.7	414.6	408.9	406.9	405.0	410.6
921.9	40°	789.2	651.0	512.9	461.4	410.0	397.2	388.4	384.1	379.7	383.8
963.1	42.5°	794.1	637.8	481.6	435.6	389.6	377.8	366.7	361.0	355.2	358.5
1017.3	45°	802.6	625.6	448.6	408.2	367.8	355.8	345.1	339.5	334.0	336.7
1075.1	47.5°	808.5	615.5	422.4	386.5	350.5	335.1	325.9	321.2	316.5	319.1
1128.7	50°	804.7	604.4	404.2	372.1	339.9	319.6	308.9	304.8	300.6	304.7
1163.6	52.5°	781.0	585.8	390.6	362.6	334.6	311.2	296.3	292.2	288.1	294.1
1155.9	55°	732.3	554.9	377.6	355.7	333.8	312.1	289.6	283.1	276.6	285.2
1101.9	57.5°	659.7	511.4	363.0	347.5	332.1	312.9	285.6	276.1	266.6	275.8
1001.4	60°	562.5	454.8	347.2	335.1	322.9	310.3	281.8	269.5	257.2	265.3
865.5	62.5°	452.9	387.2	321.5	313.4	305.3	303.8	277.4	262.0	246.6	251.8
726.9	65°	357.0	326.3	295.6	291.8	288.0	288.2	268.1	251.7	235.3	237.3
591.1	67.5°	276.5	267.8	259.1	261.2	263.3	262.8	251.5	237.9	224.2	223.6
465.4	70°	209.4	211.9	214.4	224.3	234.1	234.1	230.4	220.7	211.0	208.9
355.8	72.5°	161.6	169.1	176.6	190.6	204.6	206.9	207.0	200.3	193.7	190.5
258.2	75°	125.4	132.3	139.1	154.7	170.4	181.3	180.4	175.2	170.1	167.1
175.0	77.5°	96.6	101.2	105.9	121.1	136.3	154.2	153.7	149.6	145.5	142.4
112.7	80°	72.4	74.3	76.2	89.1	102.0	123.4	123.3	119.9	116.4	113.8
69.3	82.5°	51.7	52.1	52.5	62.0	71.5	89.7	90.7	89.0	87.3	85.5
37.1	85°	31.3	31.1	30.9	37.9	44.8	58.4	59.7	57.9	56.1	54.1
15.4	87.5°	13.7	13.5	13.4	16.2	19.1	24.7	26.4	25.7	24.9	24.6
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°
624.8	0°	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8
600.9	2.5°	597.2	593.6	590.0	586.4	583.6	580.7	578.4	576.2	574.4	572.6
580.9	5°	574.5	568.1	562.2	556.4	551.9	547.4	544.3	541.1	538.9	536.7
568.6	7.5°	560.5	552.4	545.3	538.2	532.8	527.5	523.8	520.0	517.4	514.9
568.3	10°	559.6	550.9	542.8	534.8	528.4	522.0	517.9	513.6	511.2	508.8
580.4	12.5°	573.6	566.8	558.4	550.2	542.0	533.8	528.5	523.1	520.3	517.7
600.1	15°	598.4	596.6	589.4	582.2	570.6	559.0	550.8	542.6	538.8	535.0
616.7	17.5°	622.3	627.8	622.0	616.2	600.8	585.5	573.4	561.3	555.7	550.2
619.6	20°	631.2	642.8	640.1	637.4	619.9	602.3	587.5	572.7	565.6	558.4
603.7	22.5°	618.8	634.0	635.6	637.2	620.4	603.6	588.4	573.1	565.6	558.1
575.2	25°	590.1	605.0	610.5	616.1	602.3	588.6	575.0	561.5	555.0	548.5
543.1	27.5°	555.1	567.0	573.2	579.4	569.6	559.8	549.3	538.8	534.4	530.0
510.9	30°	520.8	530.7	535.8	540.8	533.3	525.9	518.3	510.8	508.5	506.3
478.2	32.5°	487.7	497.2	502.8	508.4	501.6	494.7	488.7	482.7	481.2	479.7
446.5	35°	455.8	465.3	472.0	478.7	473.8	468.9	463.4	457.8	455.6	453.4
416.1	37.5°	425.5	434.9	443.2	451.5	449.2	447.0	441.9	436.7	432.7	428.7
387.8	40°	396.8	405.9	415.4	425.0	425.5	426.1	421.7	417.4	411.5	405.6
361.8	42.5°	370.3	379.0	389.3	399.6	402.3	405.1	401.4	397.8	390.5	383.2
339.5	45°	347.6	355.8	366.5	377.2	381.1	385.1	381.8	378.5	370.1	361.8
321.7	47.5°	329.6	337.6	348.1	358.7	363.3	367.8	365.5	363.2	355.8	348.3
308.7	50°	316.2	323.7	333.2	342.6	348.5	354.3	354.2	354.1	348.1	342.2
300.2	52.5°	307.1	314.0	322.8	331.6	338.5	345.5	346.7	348.0	343.1	338.3
293.8	55°	301.2	308.6	316.4	324.0	331.4	338.7	340.5	342.2	338.0	333.8
285.1	57.5°	293.8	302.5	310.2	317.8	325.2	332.6	334.4	336.1	331.8	327.6
273.4	60°	283.4	293.4	301.2	308.9	316.4	323.8	325.7	327.6	323.5	319.3
256.9	62.5°	268.6	280.3	288.6	296.8	303.6	310.5	312.3	314.1	310.4	306.6
239.3	65°	251.8	264.3	272.3	280.2	286.2	292.2	294.1	295.9	292.3	288.7
223.0	67.5°	234.5	246.1	253.6	261.1	266.3	271.5	273.3	275.1	271.8	268.5
206.7	70°	216.9	227.1	233.5	240.0	244.7	249.4	251.1	252.9	250.2	247.5
187.4	72.5°	195.4	203.4	209.2	215.1	219.7	224.2	226.3	228.5	226.2	223.9
164.1	75°	170.0	175.9	181.2	186.5	190.7	194.9	197.1	199.3	198.2	197.1
139.4	77.5°	144.2	149.0	153.6	158.1	162.5	166.9	168.9	171.0	169.5	167.9
111.3	80°	115.3	119.3	123.1	127.0	130.3	133.6	136.3	139.1	138.4	137.7
83.7	82.5°	83.3	83.0	81.7	80.3	87.4	94.5	99.2	103.8	103.5	103.2
52.0	85°	50.3	48.6	44.8	41.1	47.8	54.4	60.2	65.9	65.5	65.0
24.2	87.5°	24.1	24.0	21.2	18.3	21.1	23.9	26.3	28.6	28.0	27.4
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°
624.8	0°	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8
571.0	2.5°	569.3	567.3	569.3	571.0	572.6	574.4	576.2	578.4	580.7	583.6
534.9	5°	533.2	531.6	533.2	534.9	536.7	538.9	541.1	544.3	547.4	551.9
513.4	7.5°	511.9	510.7	511.9	513.4	514.9	517.4	520.0	523.8	527.5	532.8
507.5	10°	506.2	505.7	506.2	507.5	508.8	511.2	513.6	517.9	522.0	528.4
516.6	12.5°	515.5	515.3	515.5	516.6	517.7	520.3	523.1	528.5	533.8	542.0
533.6	15°	532.2	532.0	532.2	533.6	535.0	538.8	542.6	550.8	559.0	570.6
548.3	17.5°	546.5	546.2	546.5	548.3	550.2	555.7	561.3	573.4	585.5	600.8
556.1	20°	553.9	553.1	553.9	556.1	558.4	565.6	572.7	587.5	602.3	619.9
555.5	22.5°	553.0	551.9	553.0	555.5	558.1	565.6	573.1	588.4	603.6	620.4
546.1	25°	543.7	542.4	543.7	546.1	548.5	555.0	561.5	575.0	588.6	602.3
528.9	27.5°	527.9	527.5	527.9	528.9	530.0	534.4	538.8	549.3	559.8	569.6
506.3	30°	506.3	506.6	506.3	506.3	506.3	508.5	510.8	518.3	525.9	533.3
479.9	32.5°	480.1	480.5	480.1	479.9	479.7	481.2	482.7	488.7	494.7	501.6
452.9	35°	452.4	452.2	452.4	452.9	453.4	455.6	457.8	463.4	468.9	473.8
426.5	37.5°	424.4	423.2	424.4	426.5	428.7	432.7	436.7	441.9	447.0	449.2
401.7	40°	397.7	395.4	397.7	401.7	405.6	411.5	417.4	421.7	426.1	425.5
377.4	42.5°	371.6	367.8	371.6	377.4	383.2	390.5	397.8	401.4	405.1	402.3
355.0	45°	348.2	343.8	348.2	355.0	361.8	370.1	378.5	381.8	385.1	381.1
342.1	47.5°	335.8	331.6	335.8	342.1	348.3	355.8	363.2	365.5	367.8	363.3
336.4	50°	330.6	326.6	330.6	336.4	342.2	348.1	354.1	354.2	354.3	348.5
333.1	52.5°	327.9	324.2	327.9	333.1	338.3	343.1	348.0	346.7	345.5	338.5
329.2	55°	324.6	321.3	324.6	329.2	333.8	338.0	342.2	340.5	338.7	331.4
323.1	57.5°	318.5	315.1	318.5	323.1	327.6	331.8	336.1	334.4	332.6	325.2
314.7	60°	310.0	306.4	310.0	314.7	319.3	323.5	327.6	325.7	323.8	316.4
301.7	62.5°	296.8	292.5	296.8	301.7	306.6	310.4	314.1	312.3	310.5	303.6
283.9	65°	279.2	275.5	279.2	283.9	288.7	292.3	295.9	294.1	292.2	286.2
264.1	67.5°	259.7	256.3	259.7	264.1	268.5	271.8	275.1	273.3	271.5	266.3
243.3	70°	239.1	235.2	239.1	243.3	247.5	250.2	252.9	251.1	249.4	244.7
219.9	72.5°	215.9	212.2	215.9	219.9	223.9	226.2	228.5	226.3	224.2	219.7
193.7	75°	190.3	186.8	190.3	193.7	197.1	198.2	199.3	197.1	194.9	190.7
164.5	77.5°	161.1	158.2	161.1	164.5	167.9	169.5	171.0	168.9	166.9	162.5
133.2	80°	128.6	123.2	128.6	133.2	137.7	138.4	139.1	136.3	133.6	130.3
99.4	82.5°	95.5	92.1	95.5	99.4	103.2	103.5	103.8	99.2	94.5	87.4
62.0	85°	58.9	55.9	58.9	62.0	65.0	65.5	65.9	60.2	54.4	47.8
25.8	87.5°	24.3	22.8	24.3	25.8	27.4	28.0	28.6	26.3	23.9	21.1
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
624.8	0°	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8	624.8
586.4	2.5°	590.0	593.6	597.2	600.9	605.0	609.1	613.7	618.3	624.0	629.1
556.4	5°	562.2	568.1	574.5	580.9	588.2	595.5	604.2	612.9	622.8	632.9
538.2	7.5°	545.3	552.4	560.5	568.6	578.2	587.8	599.3	610.9	623.8	637.5
534.8	10°	542.8	550.9	559.6	568.3	577.9	587.5	599.7	611.8	625.7	642.6
550.2	12.5°	558.4	566.8	573.6	580.4	586.8	593.1	603.1	613.0	625.9	643.7
582.2	15°	589.4	596.6	598.4	600.1	599.3	598.4	603.2	607.9	618.2	638.0
616.2	17.5°	622.0	627.8	622.3	616.7	606.3	595.8	594.1	592.4	598.7	621.9
637.4	20°	640.1	642.8	631.2	619.6	601.4	583.2	575.1	566.9	568.6	595.6
637.2	22.5°	635.6	634.0	618.8	603.7	582.9	562.2	550.2	538.1	534.8	565.6
616.1	25°	610.5	605.0	590.1	575.2	556.6	537.9	524.0	510.1	501.2	532.8
579.4	27.5°	573.2	567.0	555.1	543.1	527.8	512.5	499.1	485.7	474.9	503.6
540.8	30°	535.8	530.7	520.8	510.9	498.2	485.5	474.8	464.1	455.7	479.8
508.4	32.5°	502.8	497.2	487.7	478.2	468.1	457.9	451.6	445.3	441.5	461.0
478.7	35°	472.0	465.3	455.8	446.5	438.7	431.0	429.2	427.5	429.1	445.3
451.5	37.5°	443.2	434.9	425.5	416.1	410.6	405.0	406.9	408.9	414.6	428.7
425.0	40°	415.4	405.9	396.8	387.8	383.8	379.7	384.1	388.4	397.2	410.0
399.6	42.5°	389.3	379.0	370.3	361.8	358.5	355.2	361.0	366.7	377.8	389.6
377.2	45°	366.5	355.8	347.6	339.5	336.7	334.0	339.5	345.1	355.8	367.8
358.7	47.5°	348.1	337.6	329.6	321.7	319.1	316.5	321.2	325.9	335.1	350.5
342.6	50°	333.2	323.7	316.2	308.7	304.7	300.6	304.8	308.9	319.6	339.9
331.6	52.5°	322.8	314.0	307.1	300.2	294.1	288.1	292.2	296.3	311.2	334.6
324.0	55°	316.4	308.6	301.2	293.8	285.2	276.6	283.1	289.6	312.1	333.8
317.8	57.5°	310.2	302.5	293.8	285.1	275.8	266.6	276.1	285.6	312.9	332.1
308.9	60°	301.2	293.4	283.4	273.4	265.3	257.2	269.5	281.8	310.3	322.9
296.8	62.5°	288.6	280.3	268.6	256.9	251.8	246.6	262.0	277.4	303.8	305.3
280.2	65°	272.3	264.3	251.8	239.3	237.3	235.3	251.7	268.1	288.2	288.0
261.1	67.5°	253.6	246.1	234.5	223.0	223.6	224.2	237.9	251.5	262.8	263.3
240.0	70°	233.5	227.1	216.9	206.7	208.9	211.0	220.7	230.4	234.1	234.1
215.1	72.5°	209.2	203.4	195.4	187.4	190.5	193.7	200.3	207.0	206.9	204.6
186.5	75°	181.2	175.9	170.0	164.1	167.1	170.1	175.2	180.4	181.3	170.4
158.1	77.5°	153.6	149.0	144.2	139.4	142.4	145.5	149.6	153.7	154.2	136.3
127.0	80°	123.1	119.3	115.3	111.3	113.8	116.4	119.9	123.3	123.4	102.0
80.3	82.5°	81.7	83.0	83.3	83.7	85.5	87.3	89.0	90.7	89.7	71.5
41.1	85°	44.8	48.6	50.3	52.0	54.1	56.1	57.9	59.7	58.4	44.8
18.3	87.5°	21.2	24.0	24.1	24.2	24.6	24.9	25.7	26.4	24.7	19.1
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°
624.8	0°	624.8	624.8	624.8	624.8	624.8	624.8	624.8
634.4	2.5°	639.7	645.2	650.7	656.2	661.6	666.8	672.0
643.5	5°	654.2	665.6	677.1	688.4	699.8	711.2	722.5
652.4	7.5°	667.3	684.2	701.1	718.4	735.8	754.6	773.4
660.3	10°	677.9	698.4	718.9	741.9	764.8	788.6	812.3
663.7	12.5°	683.6	707.8	732.0	758.0	784.0	810.1	836.2
661.0	15°	684.1	712.0	739.9	768.1	796.3	823.5	850.7
649.7	17.5°	677.4	709.8	742.1	772.9	803.7	831.3	858.9
630.0	20°	664.4	703.6	742.9	776.7	810.5	839.2	867.8
607.0	22.5°	648.4	696.1	743.8	781.7	819.7	849.0	878.3
581.2	25°	629.8	688.7	747.6	791.0	834.3	863.0	891.7
557.7	27.5°	611.9	683.7	755.5	805.3	855.1	882.5	909.9
538.1	30°	596.4	681.4	766.4	824.0	881.6	908.0	934.5
521.1	32.5°	581.2	678.5	775.7	843.4	911.1	937.3	963.5
504.5	35°	563.6	673.1	782.6	865.6	948.6	973.7	998.8
484.8	37.5°	541.0	663.8	786.6	890.4	994.1	1026.1	1058.1
461.4	40°	512.9	651.0	789.2	921.9	1054.6	1101.2	1147.8
435.6	42.5°	481.6	637.8	794.1	963.1	1132.1	1199.4	1266.7
408.2	45°	448.6	625.6	802.6	1017.3	1232.1	1322.8	1413.6
386.5	47.5°	422.4	615.5	808.5	1075.1	1341.7	1469.5	1597.2
372.1	50°	404.2	604.4	804.7	1128.7	1452.8	1645.4	1838.0
362.6	52.5°	390.6	585.8	781.0	1163.6	1546.0	1830.2	2114.3
355.7	55°	377.6	554.9	732.3	1155.9	1579.5	1994.0	2408.5
347.5	57.5°	363.0	511.4	659.7	1101.9	1544.1	2110.1	2676.1
335.1	60°	347.2	454.8	562.5	1001.4	1440.3	2139.1	2837.8
313.4	62.5°	321.5	387.2	452.9	865.5	1278.2	2016.9	2755.7
291.8	65°	295.6	326.3	357.0	726.9	1096.8	1844.1	2591.3
261.2	67.5°	259.1	267.8	276.5	591.1	905.7	1638.4	2371.1
224.3	70°	214.4	211.9	209.4	465.4	721.3	1413.9	2106.5
190.6	72.5°	176.6	169.1	161.6	355.8	550.0	1170.6	1791.2
154.7	75°	139.1	132.3	125.4	258.2	391.0	891.7	1392.3
121.1	77.5°	105.9	101.2	96.6	175.0	253.4	624.1	994.8
89.1	80°	76.2	74.3	72.4	112.7	153.1	402.1	651.1
62.0	82.5°	52.5	52.1	51.7	69.3	87.0	232.7	378.5
37.9	85°	30.9	31.1	31.3	37.1	42.9	104.7	166.5
16.2	87.5°	13.4	13.5	13.7	15.4	17.0	34.3	51.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)