

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: P945787

Luminaire Tested: **GALN-SB1C-850-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945787
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-850-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 80 CRI, 5000K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7140 lumens
Efficiency: N/A
Efficacy: 131.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G3

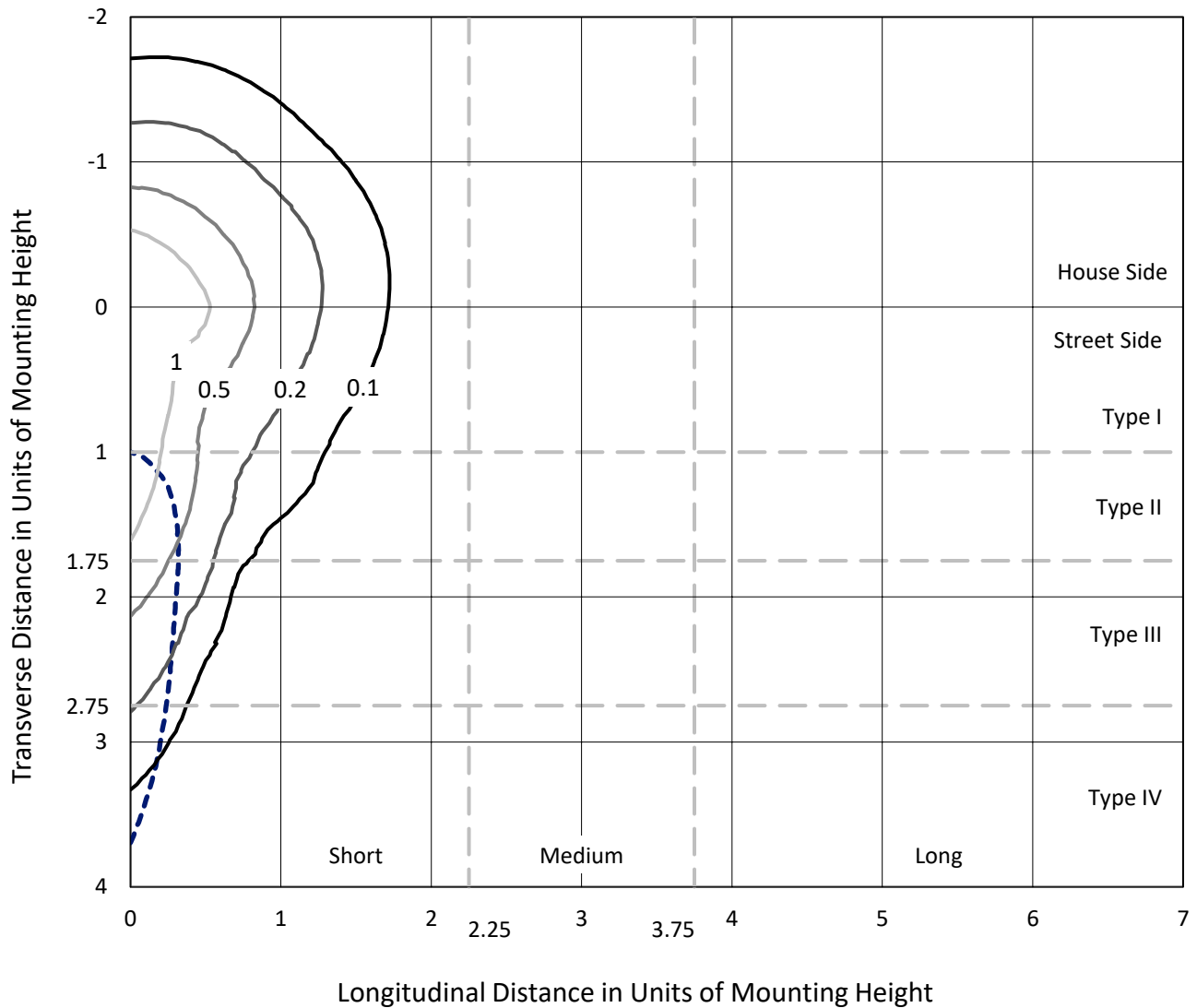
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

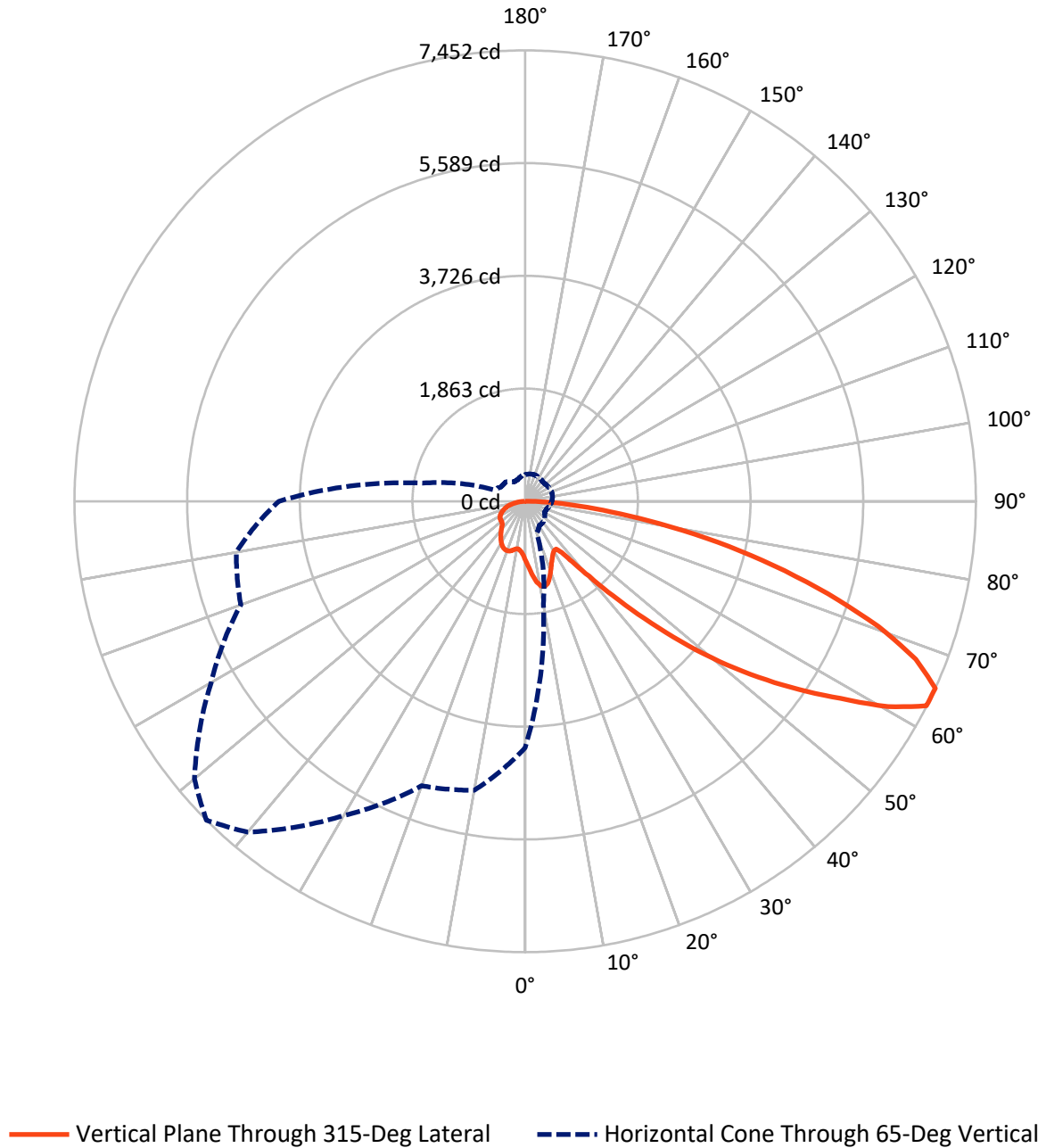
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.9 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	1814.6	0.0	1814.6
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	5325.4	0.0	5325.4
	% Fixture	74.6	0.0	74.6
Total	Lumens	7140.0	0.0	7140.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.4	1.4
10°-20°	305.7	4.3
20°-30°	472.3	6.6
30°-40°	598.5	8.4
40°-50°	902.7	12.6
50°-60°	1458.4	20.4
60°-70°	1818.1	25.5
70°-80°	1192.2	16.7
80°-90°	294.7	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°	7140.0	100.0
0°-180°	7140.0	100.0

Coefficient of Utilization



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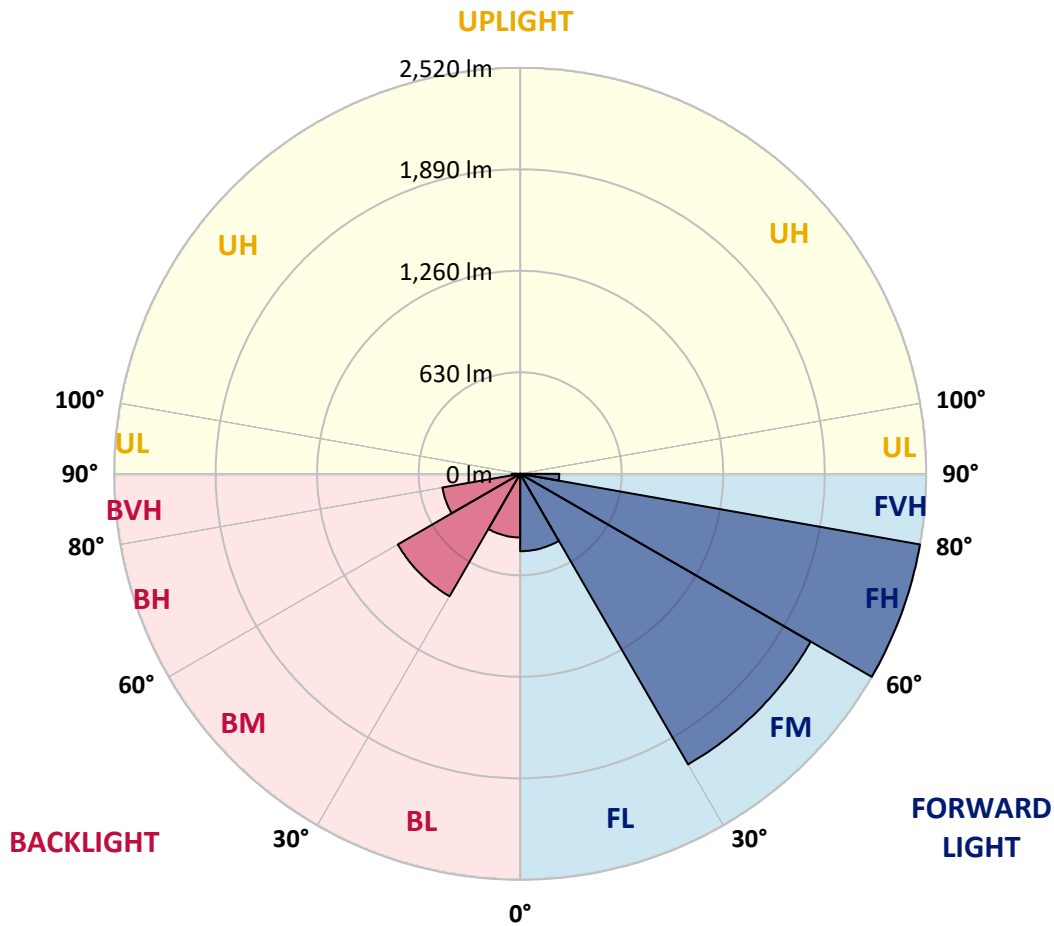
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	480.2	6.7			
FM (30°-60°)	2082.6	29.2			
FH (60°-80°)	2519.7	35.3			G2/5000
FVH (80°-90°)	242.8	3.4			G3/500
BL (0°-30°)	395.2	5.5	B1/500		
BM (30°-60°)	876.9	12.3	B1/1000		
BH (60°-80°)	490.6	6.9	B1/500		G1/500
BVH (80°-90°)	51.9	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8
2.5°	1055.8	1047.7	1039.6	1031.0	1022.4	1013.8	1005.1	996.8	988.5	980.5
5°	1135.3	1117.4	1099.5	1081.7	1063.9	1045.9	1028.0	1011.2	994.4	978.6
7.5°	1215.2	1185.7	1156.2	1128.9	1101.6	1075.1	1048.5	1025.1	1001.7	980.1
10°	1276.4	1239.1	1201.8	1165.7	1129.7	1097.4	1065.1	1037.5	1009.8	983.1
12.5°	1313.9	1272.9	1231.9	1191.1	1150.2	1112.2	1074.1	1042.8	1011.5	983.5
15°	1336.7	1293.9	1251.2	1206.9	1162.6	1118.8	1074.9	1038.7	1002.5	971.5
17.5°	1349.5	1306.2	1262.8	1214.5	1166.1	1115.3	1064.4	1020.8	977.2	940.7
20°	1363.6	1318.6	1273.5	1220.4	1167.2	1105.6	1044.0	989.9	935.9	893.5
22.5°	1380.0	1334.0	1287.9	1228.4	1168.8	1093.8	1018.8	953.7	888.7	840.3
25°	1401.1	1356.0	1310.9	1242.8	1174.7	1082.1	989.5	913.3	837.1	787.6
27.5°	1429.8	1386.7	1343.7	1265.4	1187.1	1074.3	961.5	876.4	791.3	746.2
30°	1468.4	1426.8	1385.2	1294.7	1204.2	1070.6	937.1	845.5	753.9	716.0
32.5°	1514.0	1472.8	1431.7	1325.3	1218.9	1066.1	913.3	818.8	724.3	693.8
35°	1569.4	1529.9	1490.5	1360.1	1229.6	1057.6	885.7	792.6	699.6	674.2
37.5°	1662.6	1612.3	1562.1	1399.1	1236.0	1043.0	850.0	761.8	673.6	651.4
40°	1803.5	1730.3	1657.0	1448.6	1240.1	1023.0	805.9	725.1	644.2	624.1
42.5°	1990.4	1884.7	1778.9	1513.3	1247.7	1002.2	756.8	684.5	612.1	593.6
45°	2221.1	2078.5	1935.9	1598.6	1261.2	983.0	704.8	641.4	577.9	559.1
47.5°	2509.7	2309.0	2108.3	1689.3	1270.4	967.1	663.8	607.3	550.8	526.5
50°	2888.0	2585.4	2282.8	1773.6	1264.4	949.8	635.1	584.6	534.2	502.2
52.5°	3322.2	2875.7	2429.3	1828.3	1227.3	920.5	613.7	569.7	525.8	489.0
55°	3784.5	3133.1	2481.8	1816.2	1150.6	872.0	593.3	558.9	524.5	490.3
57.5°	4204.9	3315.6	2426.2	1731.4	1036.6	803.5	570.4	546.1	521.8	491.7
60°	4459.0	3361.1	2263.2	1573.5	883.8	714.7	545.6	526.5	507.4	487.5
62.5°	4330.0	3169.2	2008.4	1360.0	711.6	608.4	505.1	492.5	479.8	477.3
65°	4071.7	2897.6	1723.4	1142.2	560.9	512.7	464.5	458.5	452.6	452.9
67.5°	3725.7	2574.4	1423.1	928.8	434.5	420.8	407.1	410.4	413.7	412.9
70°	3309.9	2221.7	1133.5	731.3	329.1	333.0	336.9	352.4	367.9	367.9
72.5°	2814.5	1839.4	864.3	559.1	253.9	265.6	277.5	299.5	321.4	325.1
75°	2187.8	1401.1	614.4	405.8	197.1	207.8	218.5	243.2	267.8	284.8
77.5°	1563.1	980.6	398.1	275.0	151.8	159.0	166.3	190.3	214.2	242.3
80°	1023.1	631.8	240.6	177.1	113.8	116.8	119.8	140.1	160.3	193.8
82.5°	594.7	365.7	136.7	109.0	81.3	81.8	82.4	97.4	112.3	140.9
85°	261.7	164.5	67.4	58.2	49.2	48.9	48.6	59.5	70.5	91.7
87.5°	81.0	53.9	26.7	24.1	21.6	21.3	21.0	25.5	30.0	38.8
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°
981.8	0°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8
971.6	2.5°	964.3	957.1	950.6	944.1	938.4	932.8	927.0	921.3	916.9	912.5
963.0	5°	949.3	935.7	924.2	912.8	902.7	892.6	883.4	874.2	867.2	860.1
959.9	7.5°	941.7	923.6	908.5	893.5	880.8	868.0	856.8	845.6	837.2	828.9
961.4	10°	942.3	923.1	908.0	893.0	879.3	865.6	853.0	840.3	830.3	820.3
963.3	12.5°	947.6	932.0	922.0	912.0	901.3	890.6	877.5	864.5	851.6	838.8
955.3	15°	947.8	940.3	941.6	943.0	940.2	937.4	926.1	914.7	896.5	878.3
930.8	17.5°	933.5	936.2	952.7	969.1	977.8	986.5	977.4	968.2	944.1	919.9
890.8	20°	903.6	916.4	945.0	973.5	991.8	1010.1	1005.8	1001.6	974.0	946.4
845.5	22.5°	864.5	883.4	916.0	948.6	972.4	996.1	998.7	1001.2	974.8	948.5
801.5	25°	823.4	845.2	874.5	903.8	927.2	950.6	959.4	968.1	946.4	924.8
763.1	27.5°	784.2	805.3	829.4	853.4	872.2	890.9	900.7	910.4	895.0	879.6
729.3	30°	746.0	762.8	782.8	802.8	818.3	833.9	841.8	849.8	838.0	826.3
699.7	32.5°	709.6	719.5	735.5	751.4	766.3	781.3	790.1	798.9	788.1	777.3
671.7	35°	674.5	677.2	689.4	701.5	716.3	731.1	741.6	752.2	744.5	736.8
642.4	37.5°	639.4	636.4	645.1	653.9	668.6	683.3	696.4	709.4	705.9	702.3
610.3	40°	603.5	596.7	603.0	609.3	623.5	637.8	652.8	667.8	668.7	669.5
576.2	42.5°	567.2	558.2	563.3	568.4	581.9	595.5	611.7	627.9	632.2	636.5
542.3	45°	533.5	524.7	529.0	533.4	546.2	559.0	575.8	592.6	598.8	605.1
512.1	47.5°	504.7	497.3	501.4	505.4	518.0	530.5	547.0	563.6	570.8	577.9
485.4	50°	478.9	472.4	478.7	485.1	496.9	508.7	523.5	538.4	547.6	556.8
465.6	52.5°	459.1	452.7	462.2	471.7	482.5	493.4	507.2	521.0	531.9	542.8
455.0	55°	444.8	434.6	448.1	461.6	473.3	485.0	497.1	509.2	520.7	532.3
448.7	57.5°	433.8	418.9	433.4	448.0	461.7	475.4	487.4	499.4	511.0	522.6
442.8	60°	423.4	404.1	416.8	429.6	445.3	461.1	473.2	485.4	497.1	508.8
435.8	62.5°	411.6	387.5	395.6	403.7	422.0	440.4	453.4	466.4	477.1	487.8
421.2	65°	395.5	369.8	372.9	376.0	395.7	415.4	427.8	440.2	449.7	459.1
395.1	67.5°	373.7	352.3	351.4	350.4	368.5	386.7	398.5	410.3	418.4	426.6
362.1	70°	346.8	331.6	328.2	324.8	340.8	356.8	367.0	377.1	384.5	391.8
325.2	72.5°	314.8	304.3	299.4	294.4	307.0	319.6	328.8	337.9	345.1	352.3
283.4	75°	275.4	267.3	262.6	257.8	267.1	276.5	284.8	293.1	299.7	306.2
241.5	77.5°	235.1	228.6	223.8	219.0	226.6	234.2	241.3	248.5	255.4	262.2
193.7	80°	188.3	182.9	178.9	174.8	181.1	187.4	193.5	199.5	204.7	209.9
142.5	82.5°	139.8	137.2	134.3	131.5	131.0	130.4	128.3	126.2	137.4	148.5
93.8	85°	91.0	88.2	85.0	81.8	79.0	76.3	70.5	64.6	75.0	85.5
41.4	87.5°	40.3	39.2	38.6	38.0	37.9	37.8	33.3	28.8	33.2	37.6
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
981.8	0°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8
908.9	2.5°	905.3	902.5	899.8	897.2	894.6	891.4	894.6	897.2	899.8	902.5
855.2	5°	850.3	846.7	843.2	840.6	837.9	835.3	837.9	840.6	843.2	846.7
823.0	7.5°	817.1	813.1	809.1	806.7	804.3	802.5	804.3	806.7	809.1	813.1
813.7	10°	807.1	803.3	799.5	797.4	795.4	794.6	795.4	797.4	799.5	803.3
830.4	12.5°	821.9	817.6	813.4	811.7	809.9	809.6	809.9	811.7	813.4	817.6
865.4	15°	852.5	846.6	840.7	838.5	836.2	836.0	836.2	838.5	840.7	846.6
901.0	17.5°	882.0	873.2	864.5	861.6	858.7	858.2	858.7	861.6	864.5	873.2
923.1	20°	899.9	888.7	877.5	873.9	870.3	869.2	870.3	873.9	877.5	888.7
924.5	22.5°	900.5	888.7	876.9	872.9	869.0	867.3	869.0	872.9	876.9	888.7
903.5	25°	882.3	872.0	861.8	858.1	854.4	852.2	854.4	858.1	861.8	872.0
863.1	27.5°	846.6	839.7	832.8	831.1	829.4	828.9	829.4	831.1	832.8	839.7
814.5	30°	802.6	799.0	795.5	795.5	795.5	796.1	795.5	795.5	795.5	799.0
767.9	32.5°	758.4	756.1	753.8	754.1	754.4	755.0	754.4	754.1	753.8	756.1
728.1	35°	719.4	715.9	712.4	711.7	710.9	710.6	710.9	711.7	712.4	715.9
694.3	37.5°	686.3	679.9	673.6	670.2	666.8	665.0	666.8	670.2	673.6	679.9
662.7	40°	655.8	646.6	637.4	631.1	625.0	621.3	625.0	631.1	637.4	646.6
630.8	42.5°	625.0	613.5	602.0	593.0	583.9	577.9	583.9	593.0	602.0	613.5
599.9	45°	594.7	581.6	568.4	557.8	547.1	540.3	547.1	557.8	568.4	581.6
574.3	47.5°	570.7	559.0	547.3	537.5	527.6	521.0	527.6	537.5	547.3	559.0
556.5	50°	556.4	547.0	537.7	528.6	519.5	513.1	519.5	528.6	537.7	547.0
544.8	52.5°	546.7	539.1	531.5	523.3	515.2	509.4	515.2	523.3	531.5	539.1
535.0	55°	537.7	531.1	524.4	517.3	510.1	504.8	510.1	517.3	524.4	531.1
525.4	57.5°	528.1	521.4	514.7	507.6	500.5	495.1	500.5	507.6	514.7	521.4
511.8	60°	514.8	508.3	501.8	494.4	487.1	481.5	487.1	494.4	501.8	508.3
490.7	62.5°	493.6	487.7	481.8	474.1	466.4	459.6	466.4	474.1	481.8	487.7
462.0	65°	465.0	459.3	453.6	446.1	438.7	432.9	438.7	446.1	453.6	459.3
429.5	67.5°	432.3	427.1	421.9	415.0	408.0	402.7	408.0	415.0	421.9	427.1
394.6	70°	397.4	393.1	388.9	382.3	375.6	369.6	375.6	382.3	388.9	393.1
355.7	72.5°	359.0	355.4	351.9	345.6	339.3	333.4	339.3	345.6	351.9	355.4
309.7	75°	313.2	311.4	309.7	304.4	299.1	293.5	299.1	304.4	309.7	311.4
265.5	77.5°	268.7	266.3	263.8	258.5	253.1	248.7	253.1	258.5	263.8	266.3
214.2	80°	218.5	217.5	216.4	209.2	202.0	193.6	202.0	209.2	216.4	217.5
155.8	82.5°	163.1	162.7	162.2	156.1	150.0	144.7	150.0	156.1	162.2	162.7
94.6	85°	103.6	102.9	102.1	97.4	92.6	87.8	92.6	97.4	102.1	102.9
41.3	87.5°	44.9	44.0	43.0	40.6	38.1	35.8	38.1	40.6	43.0	44.0
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
981.8	0°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8
905.3	2.5°	908.9	912.5	916.9	921.3	927.0	932.8	938.4	944.1	950.6	957.1
850.3	5°	855.2	860.1	867.2	874.2	883.4	892.6	902.7	912.8	924.2	935.7
817.1	7.5°	823.0	828.9	837.2	845.6	856.8	868.0	880.8	893.5	908.5	923.6
807.1	10°	813.7	820.3	830.3	840.3	853.0	865.6	879.3	893.0	908.0	923.1
821.9	12.5°	830.4	838.8	851.6	864.5	877.5	890.6	901.3	912.0	922.0	932.0
852.5	15°	865.4	878.3	896.5	914.7	926.1	937.4	940.2	943.0	941.6	940.3
882.0	17.5°	901.0	919.9	944.1	968.2	977.4	986.5	977.8	969.1	952.7	936.2
899.9	20°	923.1	946.4	974.0	1001.6	1005.8	1010.1	991.8	973.5	945.0	916.4
900.5	22.5°	924.5	948.5	974.8	1001.2	998.7	996.1	972.4	948.6	916.0	883.4
882.3	25°	903.5	924.8	946.4	968.1	959.4	950.6	927.2	903.8	874.5	845.2
846.6	27.5°	863.1	879.6	895.0	910.4	900.7	890.9	872.2	853.4	829.4	805.3
802.6	30°	814.5	826.3	838.0	849.8	841.8	833.9	818.3	802.8	782.8	762.8
758.4	32.5°	767.9	777.3	788.1	798.9	790.1	781.3	766.3	751.4	735.5	719.5
719.4	35°	728.1	736.8	744.5	752.2	741.6	731.1	716.3	701.5	689.4	677.2
686.3	37.5°	694.3	702.3	705.9	709.4	696.4	683.3	668.6	653.9	645.1	636.4
655.8	40°	662.7	669.5	668.7	667.8	652.8	637.8	623.5	609.3	603.0	596.7
625.0	42.5°	630.8	636.5	632.2	627.9	611.7	595.5	581.9	568.4	563.3	558.2
594.7	45°	599.9	605.1	598.8	592.6	575.8	559.0	546.2	533.4	529.0	524.7
570.7	47.5°	574.3	577.9	570.8	563.6	547.0	530.5	518.0	505.4	501.4	497.3
556.4	50°	556.5	556.8	547.6	538.4	523.5	508.7	496.9	485.1	478.7	472.4
546.7	52.5°	544.8	542.8	531.9	521.0	507.2	493.4	482.5	471.7	462.2	452.7
537.7	55°	535.0	532.3	520.7	509.2	497.1	485.0	473.3	461.6	448.1	434.6
528.1	57.5°	525.4	522.6	511.0	499.4	487.4	475.4	461.7	448.0	433.4	418.9
514.8	60°	511.8	508.8	497.1	485.4	473.2	461.1	445.3	429.6	416.8	404.1
493.6	62.5°	490.7	487.8	477.1	466.4	453.4	440.4	422.0	403.7	395.6	387.5
465.0	65°	462.0	459.1	449.7	440.2	427.8	415.4	395.7	376.0	372.9	369.8
432.3	67.5°	429.5	426.6	418.4	410.3	398.5	386.7	368.5	350.4	351.4	352.3
397.4	70°	394.6	391.8	384.5	377.1	367.0	356.8	340.8	324.8	328.2	331.6
359.0	72.5°	355.7	352.3	345.1	337.9	328.8	319.6	307.0	294.4	299.4	304.3
313.2	75°	309.7	306.2	299.7	293.1	284.8	276.5	267.1	257.8	262.6	267.3
268.7	77.5°	265.5	262.2	255.4	248.5	241.3	234.2	226.6	219.0	223.8	228.6
218.5	80°	214.2	209.9	204.7	199.5	193.5	187.4	181.1	174.8	178.9	182.9
163.1	82.5°	155.8	148.5	137.4	126.2	128.3	130.4	131.0	131.5	134.3	137.2
103.6	85°	94.6	85.5	75.0	64.6	70.5	76.3	79.0	81.8	85.0	88.2
44.9	87.5°	41.3	37.6	33.2	28.8	33.3	37.8	37.9	38.0	38.6	39.2
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
981.8	0°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8
964.3	2.5°	971.6	980.5	988.5	996.8	1005.1	1013.8	1022.4	1031.0	1039.6	1047.7
949.3	5°	963.0	978.6	994.4	1011.2	1028.0	1045.9	1063.9	1081.7	1099.5	1117.4
941.7	7.5°	959.9	980.1	1001.7	1025.1	1048.5	1075.1	1101.6	1128.9	1156.2	1185.7
942.3	10°	961.4	983.1	1009.8	1037.5	1065.1	1097.4	1129.7	1165.7	1201.8	1239.1
947.6	12.5°	963.3	983.5	1011.5	1042.8	1074.1	1112.2	1150.2	1191.1	1231.9	1272.9
947.8	15°	955.3	971.5	1002.5	1038.7	1074.9	1118.8	1162.6	1206.9	1251.2	1293.9
933.5	17.5°	930.8	940.7	977.2	1020.8	1064.4	1115.3	1166.1	1214.5	1262.8	1306.2
903.6	20°	890.8	893.5	935.9	989.9	1044.0	1105.6	1167.2	1220.4	1273.5	1318.6
864.5	22.5°	845.5	840.3	888.7	953.7	1018.8	1093.8	1168.8	1228.4	1287.9	1334.0
823.4	25°	801.5	787.6	837.1	913.3	989.5	1082.1	1174.7	1242.8	1310.9	1356.0
784.2	27.5°	763.1	746.2	791.3	876.4	961.5	1074.3	1187.1	1265.4	1343.7	1386.7
746.0	30°	729.3	716.0	753.9	845.5	937.1	1070.6	1204.2	1294.7	1385.2	1426.8
709.6	32.5°	699.7	693.8	724.3	818.8	913.3	1066.1	1218.9	1325.3	1431.7	1472.8
674.5	35°	671.7	674.2	699.6	792.6	885.7	1057.6	1229.6	1360.1	1490.5	1529.9
639.4	37.5°	642.4	651.4	673.6	761.8	850.0	1043.0	1236.0	1399.1	1562.1	1612.3
603.5	40°	610.3	624.1	644.2	725.1	805.9	1023.0	1240.1	1448.6	1657.0	1730.3
567.2	42.5°	576.2	593.6	612.1	684.5	756.8	1002.2	1247.7	1513.3	1778.9	1884.7
533.5	45°	542.3	559.1	577.9	641.4	704.8	983.0	1261.2	1598.6	1935.9	2078.5
504.7	47.5°	512.1	526.5	550.8	607.3	663.8	967.1	1270.4	1689.3	2108.3	2309.0
478.9	50°	485.4	502.2	534.2	584.6	635.1	949.8	1264.4	1773.6	2282.8	2585.4
459.1	52.5°	465.6	489.0	525.8	569.7	613.7	920.5	1227.3	1828.3	2429.3	2875.7
444.8	55°	455.0	490.3	524.5	558.9	593.3	872.0	1150.6	1816.2	2481.8	3133.1
433.8	57.5°	448.7	491.7	521.8	546.1	570.4	803.5	1036.6	1731.4	2426.2	3315.6
423.4	60°	442.8	487.5	507.4	526.5	545.6	714.7	883.8	1573.5	2263.2	3361.1
411.6	62.5°	435.8	477.3	479.8	492.5	505.1	608.4	711.6	1360.0	2008.4	3169.2
395.5	65°	421.2	452.9	452.6	458.5	464.5	512.7	560.9	1142.2	1723.4	2897.6
373.7	67.5°	395.1	412.9	413.7	410.4	407.1	420.8	434.5	928.8	1423.1	2574.4
346.8	70°	362.1	367.9	367.9	352.4	336.9	333.0	329.1	731.3	1133.5	2221.7
314.8	72.5°	325.2	325.1	321.4	299.5	277.5	265.6	253.9	559.1	864.3	1839.4
275.4	75°	283.4	284.8	267.8	243.2	218.5	207.8	197.1	405.8	614.4	1401.1
235.1	77.5°	241.5	242.3	214.2	190.3	166.3	159.0	151.8	275.0	398.1	980.6
188.3	80°	193.7	193.8	160.3	140.1	119.8	116.8	113.8	177.1	240.6	631.8
139.8	82.5°	142.5	140.9	112.3	97.4	82.4	81.8	81.3	109.0	136.7	365.7
91.0	85°	93.8	91.7	70.5	59.5	48.6	48.9	49.2	58.2	67.4	164.5
40.3	87.5°	41.4	38.8	30.0	25.5	21.0	21.3	21.6	24.1	26.7	53.9
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°
981.8	0°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8
1055.8	2.5°	1059.8	1063.9	1069.6	1075.2	1078.6	1082.0	1083.7	1085.4	1084.7	1085.4
1135.3	5°	1149.3	1163.3	1177.2	1191.1	1198.6	1206.2	1210.7	1215.3	1218.8	1215.3
1215.2	7.5°	1238.0	1260.7	1281.1	1301.6	1313.9	1326.2	1332.9	1339.5	1342.7	1339.5
1276.4	10°	1303.3	1330.2	1354.2	1378.2	1392.8	1407.2	1413.7	1420.2	1422.6	1420.2
1313.9	12.5°	1343.1	1372.2	1393.9	1415.5	1426.1	1436.6	1440.2	1443.7	1444.1	1443.7
1336.7	15°	1361.9	1387.0	1400.6	1414.2	1414.6	1415.0	1411.2	1407.5	1403.0	1407.5
1349.5	17.5°	1366.5	1383.5	1383.8	1384.0	1368.7	1353.5	1339.5	1325.5	1315.6	1325.5
1363.6	20°	1369.6	1375.5	1357.6	1339.7	1306.0	1272.4	1247.8	1223.3	1208.2	1223.3
1380.0	22.5°	1372.3	1364.5	1327.4	1290.4	1240.8	1191.3	1160.6	1129.9	1113.3	1129.9
1401.1	25°	1376.6	1352.2	1295.9	1239.6	1179.4	1119.3	1087.0	1054.8	1039.1	1054.8
1429.8	27.5°	1386.0	1342.2	1267.6	1193.1	1126.4	1059.7	1028.0	996.3	981.4	996.3
1468.4	30°	1403.1	1337.8	1246.1	1154.3	1084.8	1015.3	985.9	956.5	942.6	956.5
1514.0	32.5°	1424.6	1335.2	1231.4	1127.5	1062.2	997.0	973.9	950.7	940.7	950.7
1569.4	35°	1459.9	1350.6	1242.4	1134.2	1088.8	1043.5	1038.1	1032.7	1031.9	1032.7
1662.6	37.5°	1533.9	1405.2	1306.9	1208.5	1205.6	1202.7	1227.3	1251.9	1264.8	1251.9
1803.5	40°	1663.5	1523.6	1450.5	1377.3	1428.9	1480.6	1540.5	1600.4	1630.2	1600.4
1990.4	42.5°	1851.5	1712.6	1670.5	1628.4	1741.0	1853.5	1962.5	2071.4	2135.4	2071.4
2221.1	45°	2096.4	1971.6	1953.0	1934.4	2114.8	2295.2	2474.2	2653.3	2762.0	2653.3
2509.7	47.5°	2388.4	2267.0	2263.2	2259.4	2519.6	2779.7	3041.8	3303.9	3457.8	3303.9
2888.0	50°	2738.1	2588.2	2588.8	2589.5	2924.8	3260.1	3606.1	3952.0	4161.2	3952.0
3322.2	52.5°	3140.7	2959.2	2940.8	2922.5	3323.0	3723.5	4151.6	4579.6	4830.3	4579.6
3784.5	55°	3605.1	3425.8	3354.2	3282.7	3728.5	4174.2	4684.5	5194.8	5493.0	5194.8
4204.9	57.5°	4107.3	4009.6	3866.1	3722.6	4172.7	4622.8	5200.8	5778.8	6148.6	5778.8
4459.0	60°	4610.7	4762.4	4584.2	4406.0	4832.0	5257.9	5876.8	6495.6	6895.3	6495.6
4330.0	62.5°	4744.5	5158.9	5138.8	5118.7	5508.9	5899.2	6487.9	7076.7	7446.1	7076.7
4071.7	65°	4460.7	4849.7	4926.7	5003.6	5499.5	5995.4	6566.3	7137.2	7451.7	7137.2
3725.7	67.5°	4095.7	4465.6	4501.7	4537.8	5054.4	5571.1	6144.5	6717.8	6964.2	6717.8
3309.9	70°	3712.3	4114.8	4130.9	4147.1	4609.1	5071.1	5564.6	6058.0	6194.9	6058.0
2814.5	72.5°	3276.3	3738.1	3749.7	3761.3	4122.8	4484.3	4853.8	5223.3	5237.2	5223.3
2187.8	75°	2665.7	3143.7	3186.6	3229.5	3510.7	3792.0	4052.1	4312.3	4242.6	4312.3
1563.1	77.5°	2009.3	2455.5	2516.9	2578.3	2792.1	3005.9	3190.4	3374.9	3255.1	3374.9
1023.1	80°	1398.4	1773.7	1850.1	1926.4	2087.9	2249.3	2346.2	2443.0	2250.3	2443.0
594.7	82.5°	851.3	1107.9	1193.2	1278.5	1389.6	1500.8	1541.2	1581.6	1430.1	1581.6
261.7	85°	397.8	534.0	606.6	679.1	770.4	861.7	884.6	907.6	786.3	907.6
81.0	87.5°	126.8	172.6	213.0	253.5	299.1	344.8	346.8	348.7	292.7	348.7
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):

325°		330°	335°	340°	345°	350°	355°	360°
981.8	0°	981.8	981.8	981.8	981.8	981.8	981.8	981.8
1083.7	2.5°	1082.0	1078.6	1075.2	1069.6	1063.9	1059.8	1055.8
1210.7	5°	1206.2	1198.6	1191.1	1177.2	1163.3	1149.3	1135.3
1332.9	7.5°	1326.2	1313.9	1301.6	1281.1	1260.7	1238.0	1215.2
1413.7	10°	1407.2	1392.8	1378.2	1354.2	1330.2	1303.3	1276.4
1440.2	12.5°	1436.6	1426.1	1415.5	1393.9	1372.2	1343.1	1313.9
1411.2	15°	1415.0	1414.6	1414.2	1400.6	1387.0	1361.9	1336.7
1339.5	17.5°	1353.5	1368.7	1384.0	1383.8	1383.5	1366.5	1349.5
1247.8	20°	1272.4	1306.0	1339.7	1357.6	1375.5	1369.6	1363.6
1160.6	22.5°	1191.3	1240.8	1290.4	1327.4	1364.5	1372.3	1380.0
1087.0	25°	1119.3	1179.4	1239.6	1295.9	1352.2	1376.6	1401.1
1028.0	27.5°	1059.7	1126.4	1193.1	1267.6	1342.2	1386.0	1429.8
985.9	30°	1015.3	1084.8	1154.3	1246.1	1337.8	1403.1	1468.4
973.9	32.5°	997.0	1062.2	1127.5	1231.4	1335.2	1424.6	1514.0
1038.1	35°	1043.5	1088.8	1134.2	1242.4	1350.6	1459.9	1569.4
1227.3	37.5°	1202.7	1205.6	1208.5	1306.9	1405.2	1533.9	1662.6
1540.5	40°	1480.6	1428.9	1377.3	1450.5	1523.6	1663.5	1803.5
1962.5	42.5°	1853.5	1741.0	1628.4	1670.5	1712.6	1851.5	1990.4
2474.2	45°	2295.2	2114.8	1934.4	1953.0	1971.6	2096.4	2221.1
3041.8	47.5°	2779.7	2519.6	2259.4	2263.2	2267.0	2388.4	2509.7
3606.1	50°	3260.1	2924.8	2589.5	2588.8	2588.2	2738.1	2888.0
4151.6	52.5°	3723.5	3323.0	2922.5	2940.8	2959.2	3140.7	3322.2
4684.5	55°	4174.2	3728.5	3282.7	3354.2	3425.8	3605.1	3784.5
5200.8	57.5°	4622.8	4172.7	3722.6	3866.1	4009.6	4107.3	4204.9
5876.8	60°	5257.9	4832.0	4406.0	4584.2	4762.4	4610.7	4459.0
6487.9	62.5°	5899.2	5508.9	5118.7	5138.8	5158.9	4744.5	4330.0
6566.3	65°	5995.4	5499.5	5003.6	4926.7	4849.7	4460.7	4071.7
6144.5	67.5°	5571.1	5054.4	4537.8	4501.7	4465.6	4095.7	3725.7
5564.6	70°	5071.1	4609.1	4147.1	4130.9	4114.8	3712.3	3309.9
4853.8	72.5°	4484.3	4122.8	3761.3	3749.7	3738.1	3276.3	2814.5
4052.1	75°	3792.0	3510.7	3229.5	3186.6	3143.7	2665.7	2187.8
3190.4	77.5°	3005.9	2792.1	2578.3	2516.9	2455.5	2009.3	1563.1
2346.2	80°	2249.3	2087.9	1926.4	1850.1	1773.7	1398.4	1023.1
1541.2	82.5°	1500.8	1389.6	1278.5	1193.2	1107.9	851.3	594.7
884.6	85°	861.7	770.4	679.1	606.6	534.0	397.8	261.7
346.8	87.5°	344.8	299.1	253.5	213.0	172.6	126.8	81.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)