

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: P945745

Luminaire Tested: **GALN-SB1C-835-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945745
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-835-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 80 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6924 lumens
Efficiency: N/A
Efficacy: 127.3 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

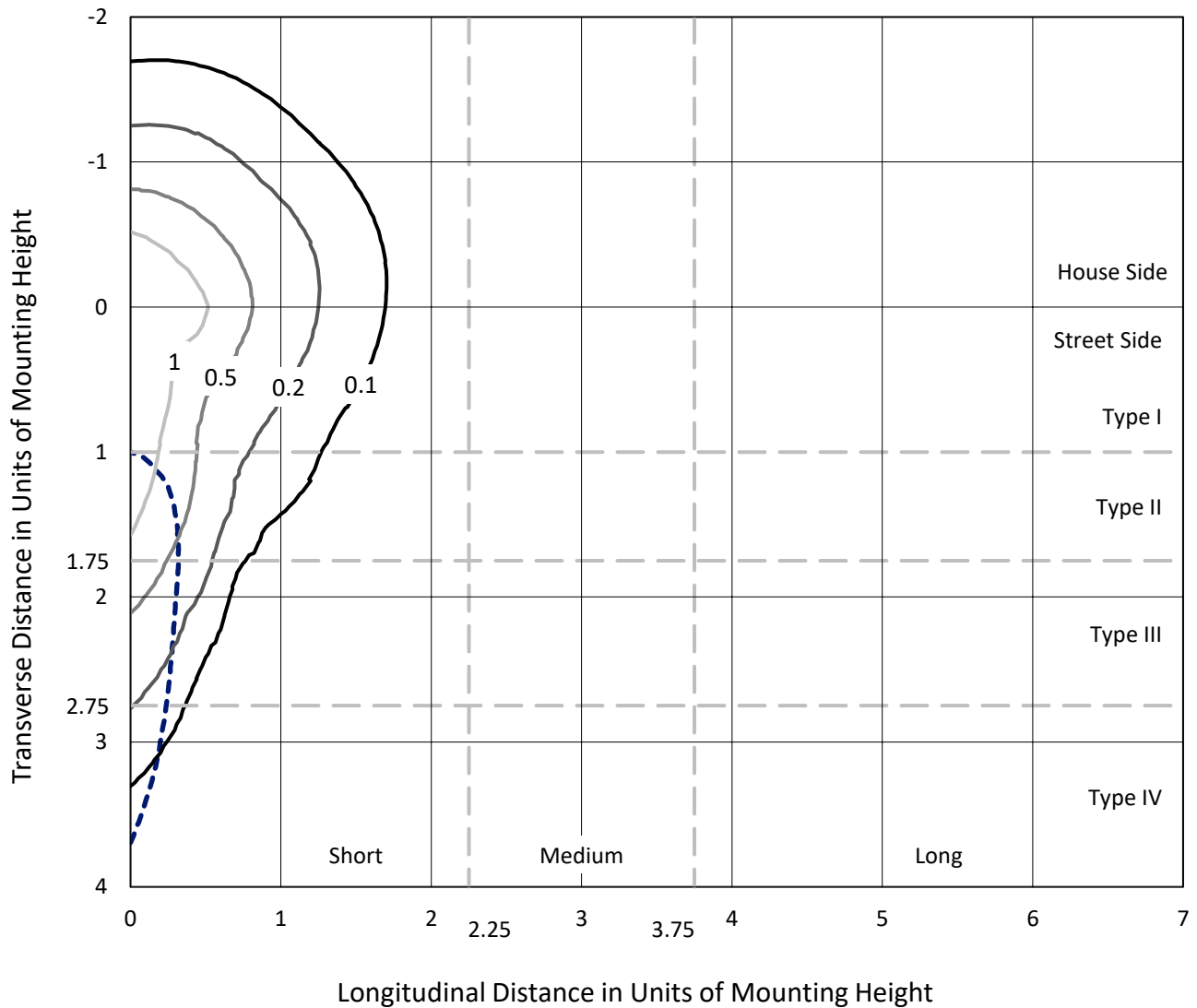
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

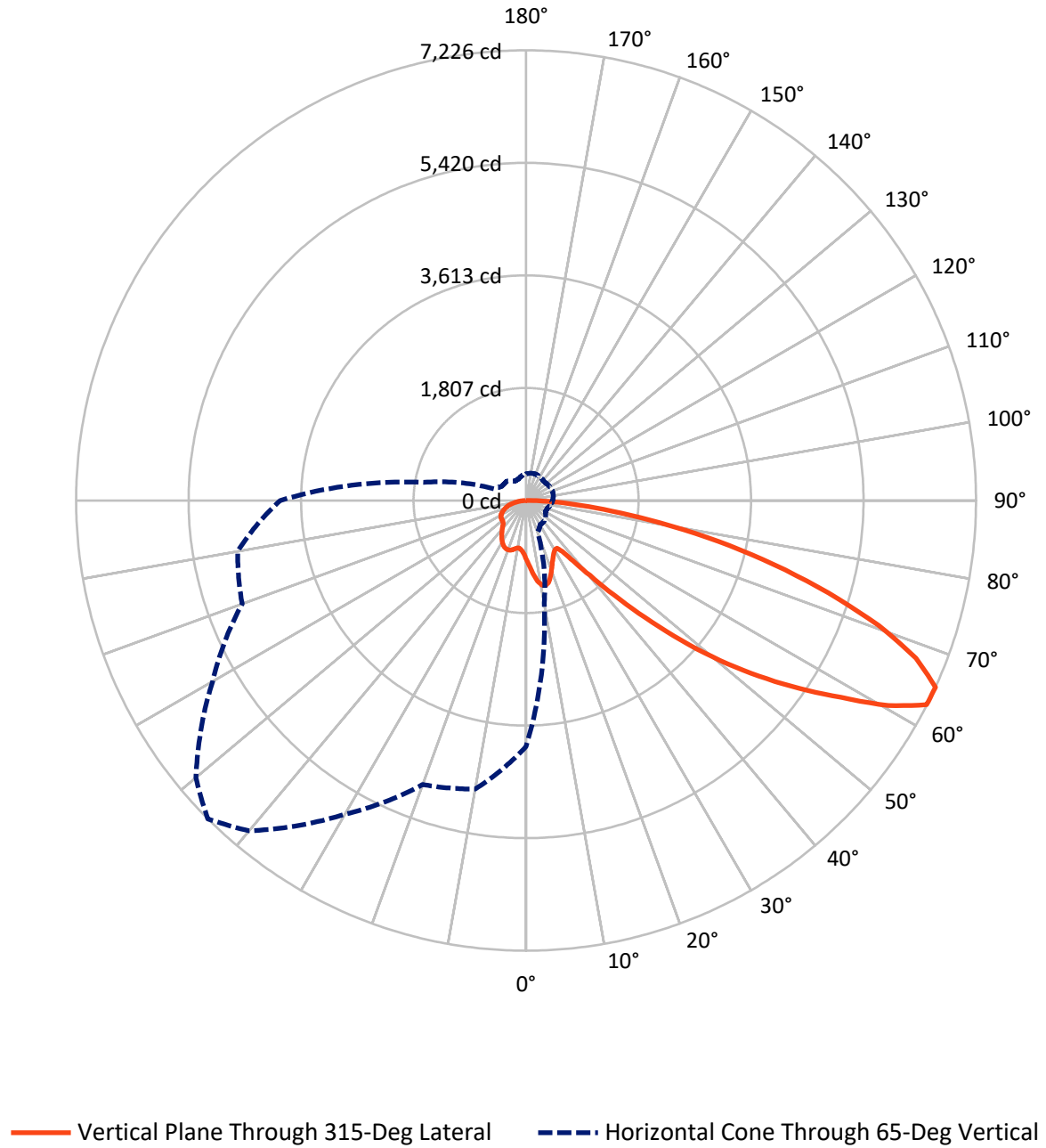
× Max cd
 - - - 1/2 Max cd



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	1759.7	0.0	1759.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	5164.3	0.0	5164.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	6924.0	0.0	6924.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.4	1.4
10°-20°	296.5	4.3
20°-30°	458.0	6.6
30°-40°	580.4	8.4
40°-50°	875.4	12.6
50°-60°	1414.3	20.4
60°-70°	1763.1	25.5
70°-80°	1156.2	16.7
80°-90°	285.8	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°	6924.0	100.0
0°-180°	6924.0	100.0



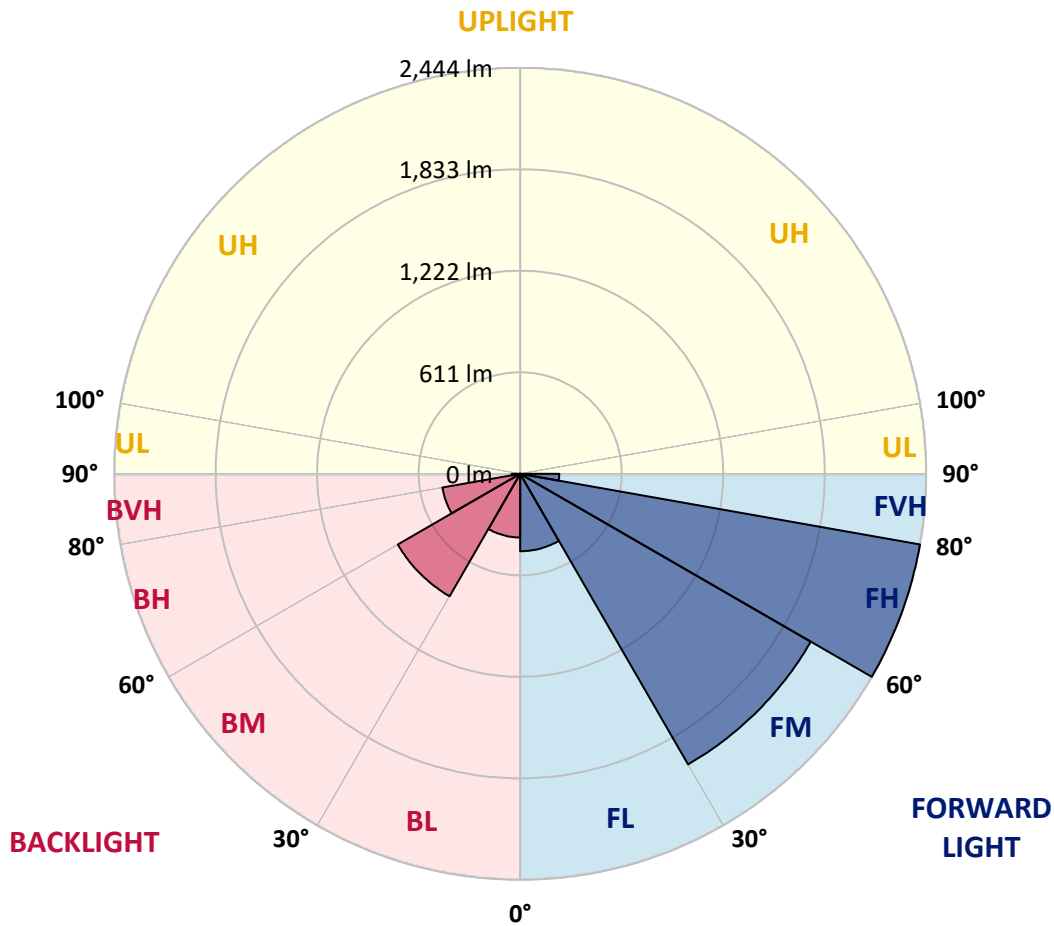
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	465.7	6.7			
FM (30°-60°)	2019.6	29.2			
FH (60°-80°)	2443.5	35.3			G2/5000
FVH (80°-90°)	235.5	3.4			G3/500
BL (0°-30°)	383.2	5.5	B1/500		
BM (30°-60°)	850.4	12.3	B1/1000		
BH (60°-80°)	475.8	6.9	B1/500		G1/500
BVH (80°-90°)	50.4	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1
2.5°	1023.9	1016.0	1008.2	999.8	991.5	983.1	974.7	966.7	958.6	950.8
5°	1101.0	1083.6	1066.3	1049.0	1031.7	1014.3	996.9	980.6	964.3	949.0
7.5°	1178.4	1149.8	1121.2	1094.7	1068.3	1042.5	1016.8	994.1	971.4	950.5
10°	1237.8	1201.6	1165.4	1130.4	1095.5	1064.2	1032.9	1006.1	979.2	953.4
12.5°	1274.2	1234.4	1194.6	1155.0	1115.4	1078.5	1041.6	1011.3	980.9	953.8
15°	1296.3	1254.8	1213.3	1170.4	1127.4	1084.9	1042.4	1007.3	972.1	942.1
17.5°	1308.7	1266.6	1224.6	1177.7	1130.8	1081.5	1032.2	989.9	947.7	912.3
20°	1322.4	1278.7	1235.0	1183.5	1131.9	1072.2	1012.4	960.0	907.6	866.4
22.5°	1338.3	1293.6	1249.0	1191.2	1133.4	1060.7	988.0	924.9	861.8	814.9
25°	1358.7	1315.0	1271.2	1205.2	1139.2	1049.4	959.6	885.7	811.8	763.8
27.5°	1386.5	1344.8	1303.0	1227.1	1151.2	1041.8	932.4	849.8	767.3	723.6
30°	1424.0	1383.6	1343.3	1255.5	1167.7	1038.3	908.7	819.9	731.1	694.4
32.5°	1468.2	1428.2	1388.3	1285.2	1182.0	1033.9	885.7	794.1	702.4	672.8
35°	1521.9	1483.7	1445.4	1318.9	1192.4	1025.6	858.9	768.7	678.5	653.8
37.5°	1612.3	1563.6	1514.8	1356.7	1198.6	1011.5	824.3	738.8	653.3	631.7
40°	1748.9	1677.9	1606.9	1404.7	1202.6	992.0	781.5	703.1	624.8	605.2
42.5°	1930.2	1827.6	1725.1	1467.5	1210.0	971.9	733.9	663.8	593.6	575.6
45°	2153.9	2015.7	1877.4	1550.2	1223.0	953.2	683.5	622.0	560.5	542.2
47.5°	2433.8	2239.2	2044.5	1638.2	1232.0	937.8	643.7	588.9	534.1	510.6
50°	2800.6	2507.2	2213.7	1719.9	1226.1	921.0	615.9	567.0	518.0	487.0
52.5°	3221.7	2788.7	2355.8	1773.0	1190.1	892.6	595.2	552.5	509.8	474.2
55°	3670.0	3038.3	2406.8	1761.3	1115.8	845.6	575.4	542.0	508.6	475.5
57.5°	4077.7	3215.3	2352.8	1679.0	1005.3	779.2	553.1	529.6	506.0	476.8
60°	4324.1	3259.5	2194.7	1525.9	857.0	693.1	529.1	510.6	492.1	472.8
62.5°	4199.0	3073.3	1947.6	1318.9	690.1	590.0	489.9	477.6	465.3	462.9
65°	3948.6	2809.9	1671.3	1107.6	543.9	497.2	450.5	444.7	438.9	439.2
67.5°	3613.0	2496.5	1380.0	900.7	421.3	408.1	394.8	398.0	401.2	400.4
70°	3209.8	2154.5	1099.2	709.1	319.1	322.9	326.7	341.8	356.8	356.8
72.5°	2729.4	1783.7	838.1	542.1	246.2	257.6	269.1	290.4	311.7	315.3
75°	2121.6	1358.7	595.8	393.5	191.2	201.5	211.9	235.8	259.7	276.2
77.5°	1515.8	951.0	386.1	266.6	147.2	154.2	161.3	184.5	207.7	234.9
80°	992.1	612.7	233.3	171.8	110.3	113.3	116.2	135.8	155.5	188.0
82.5°	576.7	354.6	132.6	105.7	78.8	79.4	79.9	94.4	108.9	136.6
85°	253.7	159.5	65.3	56.5	47.7	47.4	47.1	57.7	68.3	89.0
87.5°	78.6	52.2	25.9	23.4	20.9	20.6	20.4	24.7	29.0	37.6
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°
952.1	0°	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1
942.2	2.5°	935.2	928.2	921.9	915.6	910.1	904.5	899.0	893.5	889.2	884.9
933.8	5°	920.6	907.4	896.2	885.2	875.4	865.6	856.7	847.8	841.0	834.1
930.8	7.5°	913.2	895.7	881.0	866.4	854.1	841.8	830.9	820.0	811.9	803.8
932.3	10°	913.7	895.2	880.6	866.0	852.7	839.4	827.2	814.9	805.2	795.4
934.1	12.5°	918.9	903.8	894.1	884.4	874.0	863.6	850.9	838.3	825.9	813.5
926.4	15°	919.1	911.8	913.2	914.5	911.8	909.1	898.1	887.1	869.4	851.7
902.6	17.5°	905.3	907.9	923.8	939.8	948.2	956.7	947.8	939.0	915.5	892.1
863.9	20°	876.3	888.7	916.4	944.1	961.8	979.5	975.4	971.3	944.5	917.8
819.9	22.5°	838.3	856.7	888.2	919.9	942.9	966.0	968.5	970.9	945.4	919.8
777.3	25°	798.5	819.7	848.1	876.5	899.2	921.9	930.3	938.8	917.8	896.9
740.0	27.5°	760.5	780.9	804.3	827.6	845.8	864.0	873.4	882.9	867.9	853.0
707.3	30°	723.5	739.8	759.1	778.5	793.6	808.7	816.4	824.1	812.7	801.3
678.5	32.5°	688.1	697.8	713.2	728.7	743.2	757.7	766.2	774.7	764.3	753.8
651.4	35°	654.1	656.7	668.5	680.3	694.6	709.0	719.2	729.4	722.0	714.6
623.0	37.5°	620.1	617.2	625.6	634.1	648.4	662.7	675.3	688.0	684.5	681.1
591.9	40°	585.3	578.6	584.7	590.8	604.7	618.5	633.0	647.6	648.4	649.2
558.8	42.5°	550.0	541.3	546.2	551.2	564.3	577.4	593.2	608.9	613.1	617.3
525.9	45°	517.4	508.9	513.0	517.3	529.7	542.1	558.4	574.7	580.7	586.8
496.6	47.5°	489.4	482.3	486.2	490.1	502.3	514.4	530.5	546.6	553.5	560.5
470.8	50°	464.4	458.1	464.2	470.4	481.9	493.3	507.7	522.1	531.0	539.9
451.5	52.5°	445.2	439.0	448.2	457.4	467.9	478.4	491.8	505.3	515.8	526.4
441.3	55°	431.3	421.4	434.6	447.6	459.0	470.3	482.0	493.8	505.0	516.2
435.1	57.5°	420.7	406.2	420.3	434.4	447.7	461.0	472.6	484.3	495.6	506.8
429.4	60°	410.6	391.8	404.2	416.6	431.8	447.1	458.9	470.8	482.1	493.4
422.6	62.5°	399.2	375.8	383.6	391.5	409.3	427.1	439.7	452.3	462.7	473.1
408.5	65°	383.5	358.6	361.6	364.6	383.7	402.8	414.9	426.9	436.0	445.2
383.2	67.5°	362.4	341.7	340.7	339.8	357.4	375.0	386.5	397.9	405.8	413.7
351.1	70°	336.3	321.6	318.3	315.0	330.5	346.0	355.9	365.7	372.8	380.0
315.4	72.5°	305.3	295.1	290.3	285.5	297.7	309.9	318.8	327.7	334.7	341.7
274.8	75°	267.0	259.2	254.6	250.0	259.0	268.1	276.2	284.2	290.6	297.0
234.2	77.5°	227.9	221.7	217.0	212.3	219.7	227.1	234.0	241.0	247.6	254.3
187.9	80°	182.6	177.4	173.5	169.5	175.7	181.8	187.6	193.5	198.5	203.6
138.2	82.5°	135.6	133.1	130.3	127.5	127.0	126.5	124.4	122.4	133.2	144.0
91.0	85°	88.2	85.5	82.4	79.3	76.7	74.0	68.3	62.7	72.8	82.9
40.2	87.5°	39.1	38.0	37.4	36.8	36.7	36.6	32.3	27.9	32.2	36.5
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°
952.1	0°	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1
881.4	2.5°	877.9	875.2	872.5	870.1	867.5	864.4	867.5	870.1	872.5	875.2
829.3	5°	824.5	821.1	817.7	815.1	812.5	810.0	812.5	815.1	817.7	821.1
798.1	7.5°	792.4	788.5	784.6	782.3	780.0	778.2	780.0	782.3	784.6	788.5
789.1	10°	782.7	779.0	775.3	773.3	771.3	770.5	771.3	773.3	775.3	779.0
805.2	12.5°	797.0	792.9	788.8	787.1	785.4	785.1	785.4	787.1	788.8	792.9
839.2	15°	826.7	821.0	815.3	813.1	810.9	810.7	810.9	813.1	815.3	821.0
873.7	17.5°	855.3	846.8	838.3	835.5	832.7	832.3	832.7	835.5	838.3	846.8
895.2	20°	872.6	861.8	850.9	847.4	844.0	842.9	844.0	847.4	850.9	861.8
896.5	22.5°	873.3	861.8	850.4	846.5	842.7	841.0	842.7	846.5	850.4	861.8
876.2	25°	855.6	845.6	835.7	832.1	828.5	826.4	828.5	832.1	835.7	845.6
837.0	27.5°	820.9	814.3	807.6	806.0	804.3	803.8	804.3	806.0	807.6	814.3
789.8	30°	778.3	774.9	771.4	771.4	771.4	772.0	771.4	771.4	771.4	774.9
744.6	32.5°	735.5	733.2	731.0	731.3	731.6	732.2	731.6	731.3	731.0	733.2
706.1	35°	697.6	694.2	690.9	690.2	689.4	689.1	689.4	690.2	690.9	694.2
673.3	37.5°	665.5	659.3	653.2	649.9	646.7	644.8	646.7	649.9	653.2	659.3
642.6	40°	636.0	627.0	618.1	612.0	606.0	602.5	606.0	612.0	618.1	627.0
611.7	42.5°	606.1	595.0	583.8	575.0	566.2	560.5	566.2	575.0	583.8	595.0
581.7	45°	576.7	564.0	551.2	540.9	530.6	523.9	530.6	540.9	551.2	564.0
556.9	47.5°	553.4	542.1	530.8	521.2	511.7	505.3	511.7	521.2	530.8	542.1
539.7	50°	539.6	530.5	521.4	512.6	503.7	497.6	503.7	512.6	521.4	530.5
528.3	52.5°	530.2	522.8	515.4	507.5	499.6	494.0	499.6	507.5	515.4	522.8
518.8	55°	521.4	515.0	508.6	501.6	494.7	489.6	494.7	501.6	508.6	515.0
509.5	57.5°	512.2	505.6	499.1	492.3	485.4	480.1	485.4	492.3	499.1	505.6
496.3	60°	499.3	492.9	486.6	479.5	472.4	466.9	472.4	479.5	486.6	492.9
475.9	62.5°	478.7	472.9	467.2	459.8	452.3	445.7	452.3	459.8	467.2	472.9
448.1	65°	450.9	445.4	439.9	432.7	425.5	419.8	425.5	432.7	439.9	445.4
416.5	67.5°	419.2	414.2	409.1	402.4	395.7	390.6	395.7	402.4	409.1	414.2
382.7	70°	385.4	381.2	377.1	370.7	364.3	358.4	364.3	370.7	377.1	381.2
344.9	72.5°	348.1	344.7	341.2	335.1	329.0	323.3	329.0	335.1	341.2	344.7
300.3	75°	303.7	302.0	300.3	295.2	290.0	284.6	290.0	295.2	300.3	302.0
257.4	77.5°	260.6	258.2	255.8	250.6	245.4	241.1	245.4	250.6	255.8	258.2
207.7	80°	211.9	210.9	209.9	202.9	195.9	187.8	195.9	202.9	209.9	210.9
151.1	82.5°	158.2	157.8	157.3	151.4	145.5	140.3	145.5	151.4	157.3	157.8
91.7	85°	100.5	99.7	99.0	94.4	89.8	85.1	89.8	94.4	99.0	99.7
40.0	87.5°	43.6	42.7	41.7	39.4	37.0	34.7	37.0	39.4	41.7	42.7
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
952.1	0°	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1
877.9	2.5°	881.4	884.9	889.2	893.5	899.0	904.5	910.1	915.6	921.9	928.2
824.5	5°	829.3	834.1	841.0	847.8	856.7	865.6	875.4	885.2	896.2	907.4
792.4	7.5°	798.1	803.8	811.9	820.0	830.9	841.8	854.1	866.4	881.0	895.7
782.7	10°	789.1	795.4	805.2	814.9	827.2	839.4	852.7	866.0	880.6	895.2
797.0	12.5°	805.2	813.5	825.9	838.3	850.9	863.6	874.0	884.4	894.1	903.8
826.7	15°	839.2	851.7	869.4	887.1	898.1	909.1	911.8	914.5	913.2	911.8
855.3	17.5°	873.7	892.1	915.5	939.0	947.8	956.7	948.2	939.8	923.8	907.9
872.6	20°	895.2	917.8	944.5	971.3	975.4	979.5	961.8	944.1	916.4	888.7
873.3	22.5°	896.5	919.8	945.4	970.9	968.5	966.0	942.9	919.9	888.2	856.7
855.6	25°	876.2	896.9	917.8	938.8	930.3	921.9	899.2	876.5	848.1	819.7
820.9	27.5°	837.0	853.0	867.9	882.9	873.4	864.0	845.8	827.6	804.3	780.9
778.3	30°	789.8	801.3	812.7	824.1	816.4	808.7	793.6	778.5	759.1	739.8
735.5	32.5°	744.6	753.8	764.3	774.7	766.2	757.7	743.2	728.7	713.2	697.8
697.6	35°	706.1	714.6	722.0	729.4	719.2	709.0	694.6	680.3	668.5	656.7
665.5	37.5°	673.3	681.1	684.5	688.0	675.3	662.7	648.4	634.1	625.6	617.2
636.0	40°	642.6	649.2	648.4	647.6	633.0	618.5	604.7	590.8	584.7	578.6
606.1	42.5°	611.7	617.3	613.1	608.9	593.2	577.4	564.3	551.2	546.2	541.3
576.7	45°	581.7	586.8	580.7	574.7	558.4	542.1	529.7	517.3	513.0	508.9
553.4	47.5°	556.9	560.5	553.5	546.6	530.5	514.4	502.3	490.1	486.2	482.3
539.6	50°	539.7	539.9	531.0	522.1	507.7	493.3	481.9	470.4	464.2	458.1
530.2	52.5°	528.3	526.4	515.8	505.3	491.8	478.4	467.9	457.4	448.2	439.0
521.4	55°	518.8	516.2	505.0	493.8	482.0	470.3	459.0	447.6	434.6	421.4
512.2	57.5°	509.5	506.8	495.6	484.3	472.6	461.0	447.7	434.4	420.3	406.2
499.3	60°	496.3	493.4	482.1	470.8	458.9	447.1	431.8	416.6	404.2	391.8
478.7	62.5°	475.9	473.1	462.7	452.3	439.7	427.1	409.3	391.5	383.6	375.8
450.9	65°	448.1	445.2	436.0	426.9	414.9	402.8	383.7	364.6	361.6	358.6
419.2	67.5°	416.5	413.7	405.8	397.9	386.5	375.0	357.4	339.8	340.7	341.7
385.4	70°	382.7	380.0	372.8	365.7	355.9	346.0	330.5	315.0	318.3	321.6
348.1	72.5°	344.9	341.7	334.7	327.7	318.8	309.9	297.7	285.5	290.3	295.1
303.7	75°	300.3	297.0	290.6	284.2	276.2	268.1	259.0	250.0	254.6	259.2
260.6	77.5°	257.4	254.3	247.6	241.0	234.0	227.1	219.7	212.3	217.0	221.7
211.9	80°	207.7	203.6	198.5	193.5	187.6	181.8	175.7	169.5	173.5	177.4
158.2	82.5°	151.1	144.0	133.2	122.4	124.4	126.5	127.0	127.5	130.3	133.1
100.5	85°	91.7	82.9	72.8	62.7	68.3	74.0	76.7	79.3	82.4	85.5
43.6	87.5°	40.0	36.5	32.2	27.9	32.3	36.6	36.7	36.8	37.4	38.0
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°
952.1	0°	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1
935.2	2.5°	942.2	950.8	958.6	966.7	974.7	983.1	991.5	999.8	1008.2	1016.0
920.6	5°	933.8	949.0	964.3	980.6	996.9	1014.3	1031.7	1049.0	1066.3	1083.6
913.2	7.5°	930.8	950.5	971.4	994.1	1016.8	1042.5	1068.3	1094.7	1121.2	1149.8
913.7	10°	932.3	953.4	979.2	1006.1	1032.9	1064.2	1095.5	1130.4	1165.4	1201.6
918.9	12.5°	934.1	953.8	980.9	1011.3	1041.6	1078.5	1115.4	1155.0	1194.6	1234.4
919.1	15°	926.4	942.1	972.1	1007.3	1042.4	1084.9	1127.4	1170.4	1213.3	1254.8
905.3	17.5°	902.6	912.3	947.7	989.9	1032.2	1081.5	1130.8	1177.7	1224.6	1266.6
876.3	20°	863.9	866.4	907.6	960.0	1012.4	1072.2	1131.9	1183.5	1235.0	1278.7
838.3	22.5°	819.9	814.9	861.8	924.9	988.0	1060.7	1133.4	1191.2	1249.0	1293.6
798.5	25°	777.3	763.8	811.8	885.7	959.6	1049.4	1139.2	1205.2	1271.2	1315.0
760.5	27.5°	740.0	723.6	767.3	849.8	932.4	1041.8	1151.2	1227.1	1303.0	1344.8
723.5	30°	707.3	694.4	731.1	819.9	908.7	1038.3	1167.7	1255.5	1343.3	1383.6
688.1	32.5°	678.5	672.8	702.4	794.1	885.7	1033.9	1182.0	1285.2	1388.3	1428.2
654.1	35°	651.4	653.8	678.5	768.7	858.9	1025.6	1192.4	1318.9	1445.4	1483.7
620.1	37.5°	623.0	631.7	653.3	738.8	824.3	1011.5	1198.6	1356.7	1514.8	1563.6
585.3	40°	591.9	605.2	624.8	703.1	781.5	992.0	1202.6	1404.7	1606.9	1677.9
550.0	42.5°	558.8	575.6	593.6	663.8	733.9	971.9	1210.0	1467.5	1725.1	1827.6
517.4	45°	525.9	542.2	560.5	622.0	683.5	953.2	1223.0	1550.2	1877.4	2015.7
489.4	47.5°	496.6	510.6	534.1	588.9	643.7	937.8	1232.0	1638.2	2044.5	2239.2
464.4	50°	470.8	487.0	518.0	567.0	615.9	921.0	1226.1	1719.9	2213.7	2507.2
445.2	52.5°	451.5	474.2	509.8	552.5	595.2	892.6	1190.1	1773.0	2355.8	2788.7
431.3	55°	441.3	475.5	508.6	542.0	575.4	845.6	1115.8	1761.3	2406.8	3038.3
420.7	57.5°	435.1	476.8	506.0	529.6	553.1	779.2	1005.3	1679.0	2352.8	3215.3
410.6	60°	429.4	472.8	492.1	510.6	529.1	693.1	857.0	1525.9	2194.7	3259.5
399.2	62.5°	422.6	462.9	465.3	477.6	489.9	590.0	690.1	1318.9	1947.6	3073.3
383.5	65°	408.5	439.2	438.9	444.7	450.5	497.2	543.9	1107.6	1671.3	2809.9
362.4	67.5°	383.2	400.4	401.2	398.0	394.8	408.1	421.3	900.7	1380.0	2496.5
336.3	70°	351.1	356.8	356.8	341.8	326.7	322.9	319.1	709.1	1099.2	2154.5
305.3	72.5°	315.4	315.3	311.7	290.4	269.1	257.6	246.2	542.1	838.1	1783.7
267.0	75°	274.8	276.2	259.7	235.8	211.9	201.5	191.2	393.5	595.8	1358.7
227.9	77.5°	234.2	234.9	207.7	184.5	161.3	154.2	147.2	266.6	386.1	951.0
182.6	80°	187.9	188.0	155.5	135.8	116.2	113.3	110.3	171.8	233.3	612.7
135.6	82.5°	138.2	136.6	108.9	94.4	79.9	79.4	78.8	105.7	132.6	354.6
88.2	85°	91.0	89.0	68.3	57.7	47.1	47.4	47.7	56.5	65.3	159.5
39.1	87.5°	40.2	37.6	29.0	24.7	20.4	20.6	20.9	23.4	25.9	52.2
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
952.1	0°	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1
1023.9	2.5°	1027.8	1031.7	1037.2	1042.7	1046.0	1049.3	1050.9	1052.6	1051.9	1052.6
1101.0	5°	1114.5	1128.1	1141.6	1155.1	1162.4	1169.7	1174.1	1178.6	1181.9	1178.6
1178.4	7.5°	1200.5	1222.5	1242.4	1262.2	1274.2	1286.1	1292.6	1299.0	1302.1	1299.0
1237.8	10°	1263.9	1290.0	1313.3	1336.5	1350.6	1364.7	1371.0	1377.2	1379.6	1377.2
1274.2	12.5°	1302.4	1330.7	1351.7	1372.7	1382.9	1393.2	1396.6	1400.0	1400.4	1400.0
1296.3	15°	1320.7	1345.0	1358.2	1371.5	1371.8	1372.2	1368.5	1364.9	1360.6	1364.9
1308.7	17.5°	1325.2	1341.6	1341.9	1342.1	1327.3	1312.5	1299.0	1285.4	1275.8	1285.4
1322.4	20°	1328.1	1333.9	1316.5	1299.2	1266.5	1233.9	1210.1	1186.3	1171.7	1186.3
1338.3	22.5°	1330.8	1323.2	1287.3	1251.3	1203.3	1155.2	1125.5	1095.8	1079.6	1095.8
1358.7	25°	1335.0	1311.3	1256.7	1202.1	1143.7	1085.4	1054.1	1022.9	1007.6	1022.9
1386.5	27.5°	1344.1	1301.6	1229.3	1157.0	1092.3	1027.7	996.9	966.2	951.7	966.2
1424.0	30°	1360.6	1297.4	1208.4	1119.4	1052.0	984.6	956.1	927.6	914.1	927.6
1468.2	32.5°	1381.5	1294.8	1194.1	1093.4	1030.1	966.8	944.4	922.0	912.3	922.0
1521.9	35°	1415.8	1309.7	1204.8	1099.9	1055.9	1012.0	1006.7	1001.5	1000.7	1001.5
1612.3	37.5°	1487.5	1362.7	1267.3	1172.0	1169.1	1166.3	1190.2	1214.1	1226.5	1214.1
1748.9	40°	1613.2	1477.5	1406.6	1335.7	1385.7	1435.8	1493.9	1551.9	1580.9	1551.9
1930.2	42.5°	1795.5	1660.8	1620.0	1579.1	1688.3	1797.5	1903.1	2008.8	2070.8	2008.8
2153.9	45°	2033.0	1912.0	1894.0	1875.9	2050.8	2225.7	2399.3	2573.0	2678.4	2573.0
2433.8	47.5°	2316.1	2198.4	2194.7	2191.1	2443.4	2695.6	2949.8	3204.0	3353.2	3204.0
2800.6	50°	2655.2	2509.9	2510.5	2511.1	2836.3	3161.5	3497.0	3832.5	4035.3	3832.5
3221.7	52.5°	3045.7	2869.7	2851.9	2834.0	3222.4	3610.9	4026.0	4441.0	4684.2	4441.0
3670.0	55°	3496.1	3322.2	3252.8	3183.4	3615.7	4047.9	4542.8	5037.7	5326.8	5037.7
4077.7	57.5°	3983.0	3888.3	3749.1	3610.0	4046.5	4483.0	5043.5	5604.0	5962.6	5604.0
4324.1	60°	4471.2	4618.4	4445.5	4272.7	4685.8	5098.9	5699.0	6299.1	6686.7	6299.1
4199.0	62.5°	4600.9	5002.9	4983.4	4963.9	5342.3	5720.7	6291.7	6862.6	7220.8	6862.6
3948.6	65°	4325.8	4703.0	4777.6	4852.3	5333.1	5814.0	6367.7	6921.3	7226.3	6921.3
3613.0	67.5°	3971.8	4330.5	4365.5	4400.5	4901.5	5402.5	5958.6	6514.6	6753.5	6514.6
3209.8	70°	3600.0	3990.3	4005.9	4021.6	4469.7	4917.7	5396.2	5874.7	6007.5	5874.7
2729.4	72.5°	3177.2	3625.0	3636.3	3647.5	3998.1	4348.6	4707.0	5065.3	5078.8	5065.3
2121.6	75°	2585.1	3048.6	3090.2	3131.8	3404.5	3677.3	3929.6	4181.8	4114.2	4181.8
1515.8	77.5°	1948.5	2381.2	2440.7	2500.3	2707.6	2915.0	3093.9	3272.8	3156.6	3272.8
992.1	80°	1356.1	1720.1	1794.1	1868.1	2024.7	2181.2	2275.2	2369.1	2182.3	2369.1
576.7	82.5°	825.6	1074.4	1157.1	1239.8	1347.6	1455.4	1494.6	1533.8	1386.9	1533.8
253.7	85°	385.8	517.9	588.2	658.5	747.1	835.6	857.9	880.1	762.5	880.1
78.6	87.5°	122.9	167.3	206.6	245.8	290.1	334.4	336.3	338.1	283.9	338.1
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°
952.1	0°	952.1	952.1	952.1	952.1	952.1	952.1	952.1
1050.9	2.5°	1049.3	1046.0	1042.7	1037.2	1031.7	1027.8	1023.9
1174.1	5°	1169.7	1162.4	1155.1	1141.6	1128.1	1114.5	1101.0
1292.6	7.5°	1286.1	1274.2	1262.2	1242.4	1222.5	1200.5	1178.4
1371.0	10°	1364.7	1350.6	1336.5	1313.3	1290.0	1263.9	1237.8
1396.6	12.5°	1393.2	1382.9	1372.7	1351.7	1330.7	1302.4	1274.2
1368.5	15°	1372.2	1371.8	1371.5	1358.2	1345.0	1320.7	1296.3
1299.0	17.5°	1312.5	1327.3	1342.1	1341.9	1341.6	1325.2	1308.7
1210.1	20°	1233.9	1266.5	1299.2	1316.5	1333.9	1328.1	1322.4
1125.5	22.5°	1155.2	1203.3	1251.3	1287.3	1323.2	1330.8	1338.3
1054.1	25°	1085.4	1143.7	1202.1	1256.7	1311.3	1335.0	1358.7
996.9	27.5°	1027.7	1092.3	1157.0	1229.3	1301.6	1344.1	1386.5
956.1	30°	984.6	1052.0	1119.4	1208.4	1297.4	1360.6	1424.0
944.4	32.5°	966.8	1030.1	1093.4	1194.1	1294.8	1381.5	1468.2
1006.7	35°	1012.0	1055.9	1099.9	1204.8	1309.7	1415.8	1521.9
1190.2	37.5°	1166.3	1169.1	1172.0	1267.3	1362.7	1487.5	1612.3
1493.9	40°	1435.8	1385.7	1335.7	1406.6	1477.5	1613.2	1748.9
1903.1	42.5°	1797.5	1688.3	1579.1	1620.0	1660.8	1795.5	1930.2
2399.3	45°	2225.7	2050.8	1875.9	1894.0	1912.0	2033.0	2153.9
2949.8	47.5°	2695.6	2443.4	2191.1	2194.7	2198.4	2316.1	2433.8
3497.0	50°	3161.5	2836.3	2511.1	2510.5	2509.9	2655.2	2800.6
4026.0	52.5°	3610.9	3222.4	2834.0	2851.9	2869.7	3045.7	3221.7
4542.8	55°	4047.9	3615.7	3183.4	3252.8	3322.2	3496.1	3670.0
5043.5	57.5°	4483.0	4046.5	3610.0	3749.1	3888.3	3983.0	4077.7
5699.0	60°	5098.9	4685.8	4272.7	4445.5	4618.4	4471.2	4324.1
6291.7	62.5°	5720.7	5342.3	4963.9	4983.4	5002.9	4600.9	4199.0
6367.7	65°	5814.0	5333.1	4852.3	4777.6	4703.0	4325.8	3948.6
5958.6	67.5°	5402.5	4901.5	4400.5	4365.5	4330.5	3971.8	3613.0
5396.2	70°	4917.7	4469.7	4021.6	4005.9	3990.3	3600.0	3209.8
4707.0	72.5°	4348.6	3998.1	3647.5	3636.3	3625.0	3177.2	2729.4
3929.6	75°	3677.3	3404.5	3131.8	3090.2	3048.6	2585.1	2121.6
3093.9	77.5°	2915.0	2707.6	2500.3	2440.7	2381.2	1948.5	1515.8
2275.2	80°	2181.2	2024.7	1868.1	1794.1	1720.1	1356.1	992.1
1494.6	82.5°	1455.4	1347.6	1239.8	1157.1	1074.4	825.6	576.7
857.9	85°	835.6	747.1	658.5	588.2	517.9	385.8	253.7
336.3	87.5°	334.4	290.1	245.8	206.6	167.3	122.9	78.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)