

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: P945262

Luminaire Tested: **GALN-SB1B-735-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945262
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-SB1B-735-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5613 lumens
Efficiency: N/A
Efficacy: 141.0 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

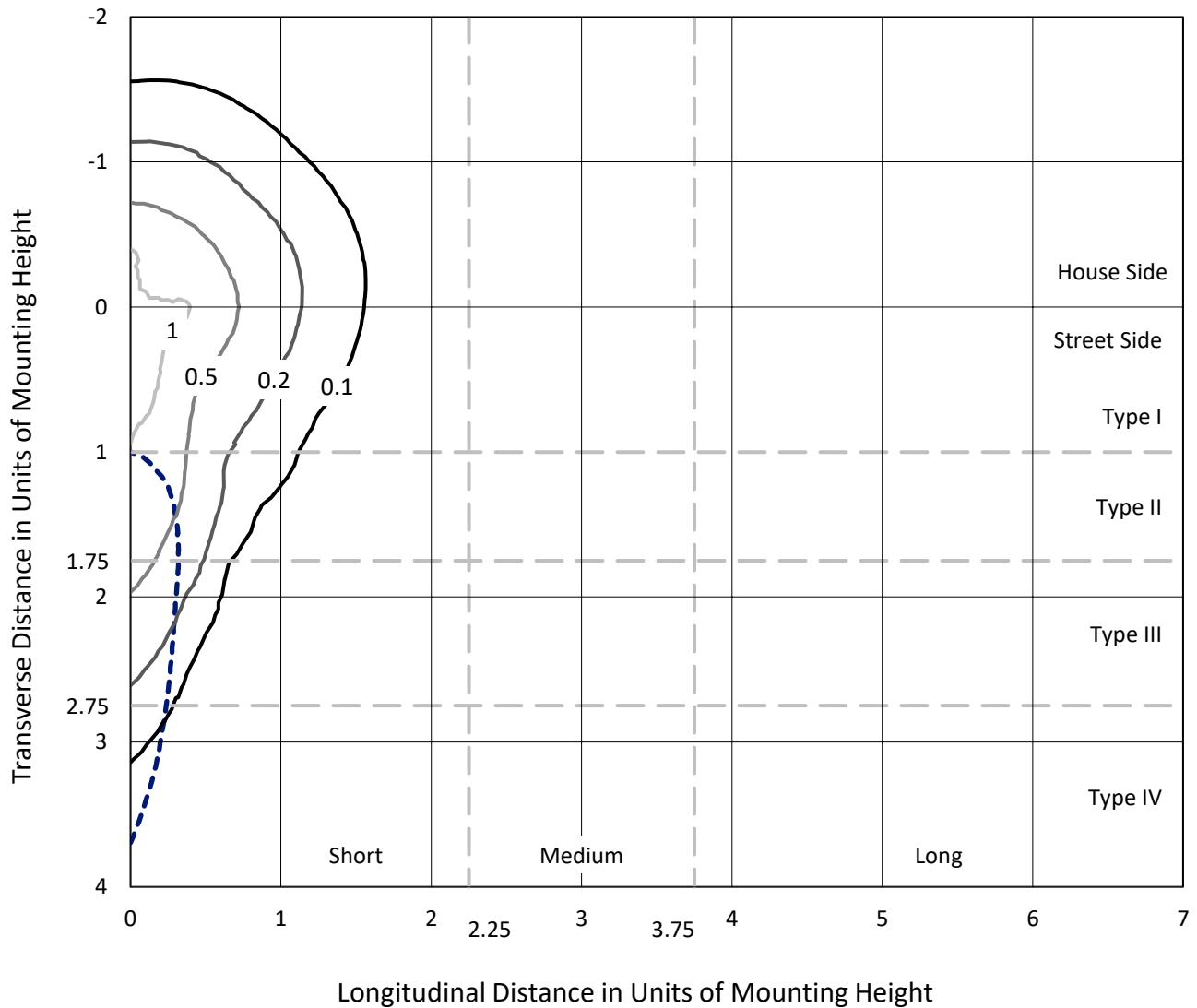
Input Watts (W): 39.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

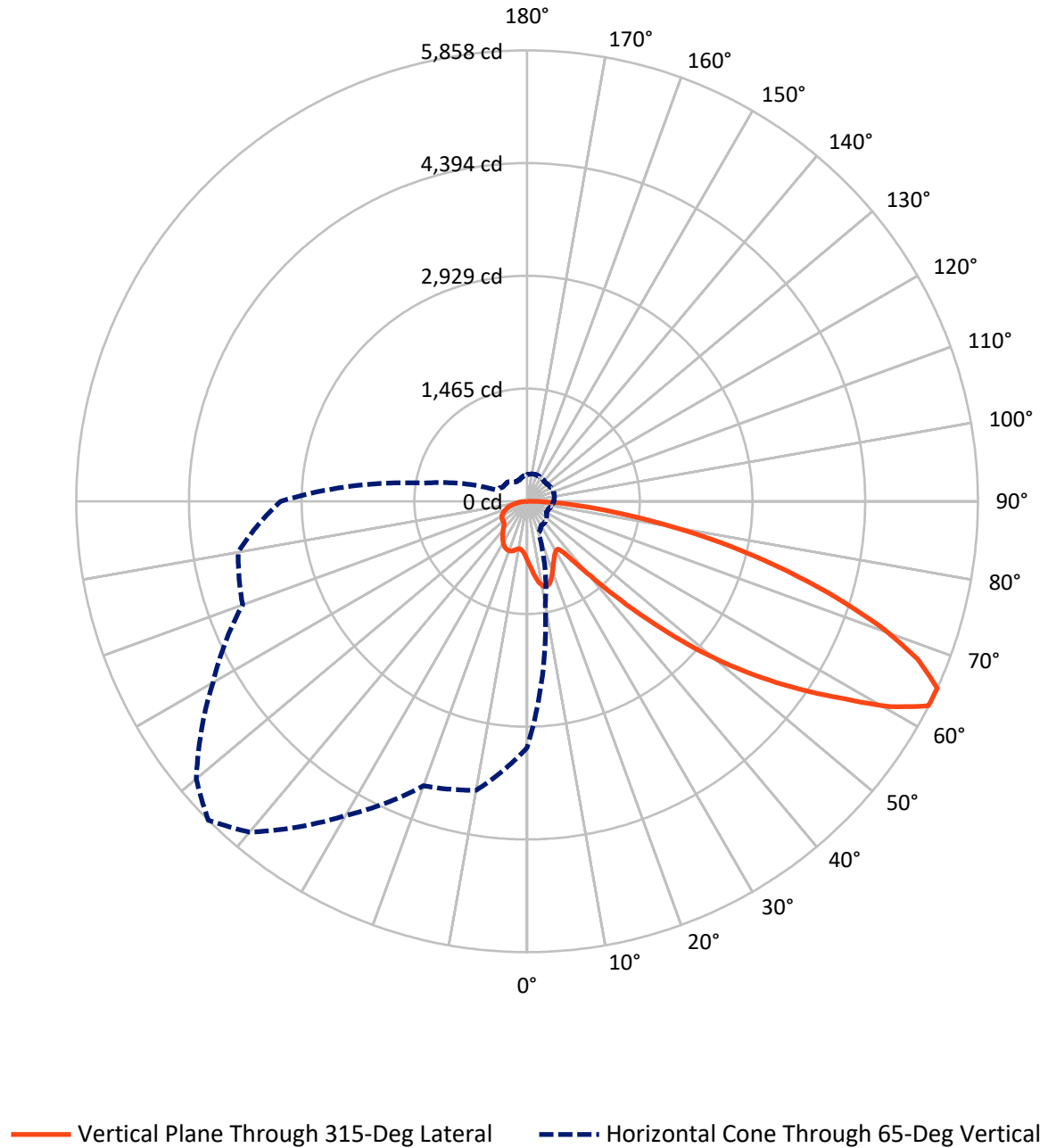
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.5 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	1426.5	0.0	1426.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	4186.5	0.0	4186.5
	% Fixture	74.6	0.0	74.6
Total	Lumens	5613.0	0.0	5613.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.6	1.4
10°-20°	240.4	4.3
20°-30°	371.3	6.6
30°-40°	470.5	8.4
40°-50°	709.6	12.6
50°-60°	1146.5	20.4
60°-70°	1429.3	25.5
70°-80°	937.2	16.7
80°-90°	231.7	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°	5613.0	100.0
0°-180°	5613.0	100.0



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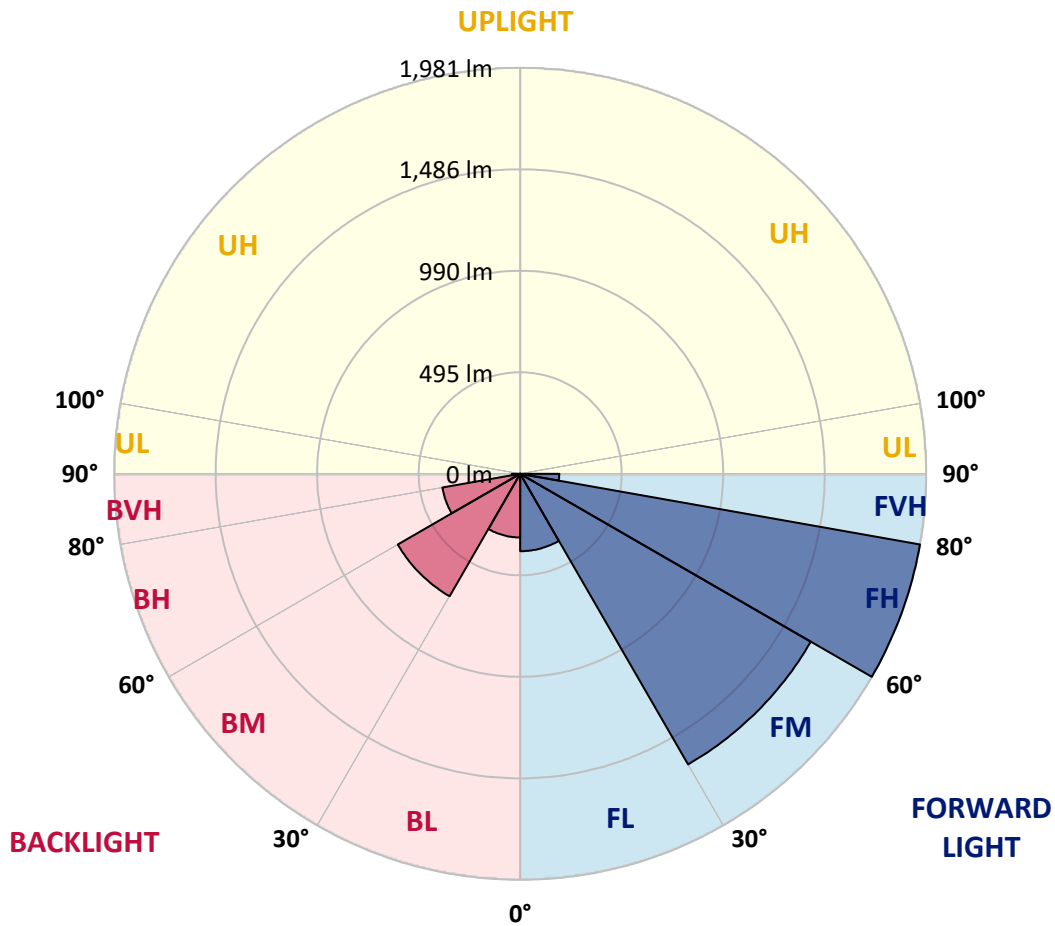
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	377.5	6.7			
FM (30°-60°)	1637.2	29.2			
FH (60°-80°)	1980.8	35.3			G2/5000
FVH (80°-90°)	190.9	3.4			G2/225
BL (0°-30°)	310.6	5.5	B1/500		
BM (30°-60°)	689.4	12.3	B1/1000		
BH (60°-80°)	385.7	6.9	B1/500		G1/500
BVH (80°-90°)	40.8	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°	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8
2.5°	830.0	823.7	817.3	810.5	803.8	797.0	790.1	783.6	777.1	770.8
5°	892.5	878.5	864.4	850.4	836.3	822.2	808.1	794.9	781.8	769.3
7.5°	955.3	932.1	908.9	887.5	866.0	845.1	824.3	805.9	787.5	770.5
10°	1003.4	974.1	944.7	916.4	888.1	862.7	837.4	815.6	793.8	772.9
12.5°	1032.9	1000.7	968.4	936.3	904.2	874.3	844.4	819.8	795.2	773.2
15°	1050.8	1017.2	983.6	948.8	913.9	879.5	845.1	816.6	788.1	763.7
17.5°	1060.9	1026.8	992.7	954.7	916.7	876.7	836.8	802.5	768.2	739.6
20°	1072.0	1036.6	1001.1	959.4	917.6	869.2	820.7	778.2	735.8	702.4
22.5°	1084.9	1048.7	1012.5	965.7	918.8	859.9	800.9	749.8	698.6	660.6
25°	1101.5	1066.0	1030.5	977.0	923.5	850.7	777.9	718.0	658.1	619.2
27.5°	1124.0	1090.2	1056.3	994.8	933.3	844.5	755.8	688.9	622.0	586.6
30°	1154.3	1121.6	1089.0	1017.8	946.6	841.7	736.7	664.6	592.6	562.9
32.5°	1190.2	1157.8	1125.5	1041.8	958.2	838.1	718.0	643.7	569.4	545.4
35°	1233.7	1202.7	1171.7	1069.2	966.7	831.4	696.3	623.1	550.0	530.0
37.5°	1307.0	1267.5	1228.0	1099.9	971.7	820.0	668.2	598.9	529.6	512.1
40°	1417.8	1360.2	1302.6	1138.8	974.9	804.2	633.5	570.0	506.5	490.6
42.5°	1564.7	1481.6	1398.5	1189.7	980.9	787.9	595.0	538.1	481.2	466.6
45°	1746.1	1634.0	1521.9	1256.7	991.5	772.8	554.1	504.2	454.3	439.5
47.5°	1973.0	1815.2	1657.4	1328.1	998.7	760.3	521.8	477.4	433.0	413.9
50°	2270.3	2032.5	1794.6	1394.3	994.0	746.6	499.3	459.6	419.9	394.8
52.5°	2611.7	2260.7	1909.7	1437.3	964.8	723.6	482.5	447.9	413.3	384.4
55°	2975.1	2463.1	1951.1	1427.8	904.5	685.5	466.4	439.4	412.3	385.5
57.5°	3305.6	2606.5	1907.3	1361.1	814.9	631.7	448.4	429.3	410.2	386.5
60°	3505.4	2642.3	1779.2	1237.0	694.8	561.8	428.9	413.9	398.9	383.3
62.5°	3404.0	2491.4	1578.9	1069.1	559.4	478.3	397.1	387.1	377.2	375.3
65°	3200.9	2277.9	1354.9	897.9	440.9	403.1	365.2	360.5	355.8	356.0
67.5°	2928.9	2023.8	1118.7	730.1	341.6	330.8	320.0	322.7	325.3	324.6
70°	2602.1	1746.6	891.0	574.9	258.7	261.8	264.8	277.0	289.2	289.2
72.5°	2212.6	1446.0	679.4	439.5	199.6	208.8	218.1	235.4	252.7	255.6
75°	1719.9	1101.5	483.0	319.0	155.0	163.4	171.8	191.2	210.5	223.9
77.5°	1228.8	770.9	313.0	216.1	119.3	125.0	130.8	149.6	168.4	190.4
80°	804.3	496.7	189.1	139.3	89.4	91.8	94.2	110.1	126.0	152.4
82.5°	467.5	287.5	107.5	85.7	63.9	64.3	64.8	76.5	88.3	110.8
85°	205.7	129.3	53.0	45.8	38.7	38.4	38.2	46.8	55.4	72.1
87.5°	63.7	42.4	21.0	19.0	16.9	16.7	16.5	20.0	23.5	30.5
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°
771.8	0°	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8
763.8	2.5°	758.1	752.4	747.3	742.2	737.7	733.3	728.8	724.3	720.8	717.3
757.0	5°	746.3	735.6	726.6	717.6	709.6	701.7	694.5	687.3	681.7	676.2
754.6	7.5°	740.3	726.1	714.2	702.4	692.4	682.4	673.6	664.8	658.2	651.6
755.8	10°	740.7	725.7	713.8	702.0	691.2	680.5	670.5	660.6	652.7	644.8
757.3	12.5°	744.9	732.7	724.8	717.0	708.5	700.1	689.8	679.6	669.5	659.4
751.0	15°	745.1	739.2	740.3	741.3	739.1	736.9	728.0	719.1	704.8	690.4
731.7	17.5°	733.9	736.0	748.9	761.8	768.7	775.5	768.3	761.2	742.2	723.2
700.3	20°	710.4	720.4	742.9	765.3	779.7	794.0	790.7	787.4	765.7	744.0
664.7	22.5°	679.6	694.5	720.1	745.7	764.4	783.1	785.1	787.1	766.4	745.6
630.1	25°	647.3	664.5	687.5	710.5	728.9	747.3	754.2	761.0	744.0	727.1
599.9	27.5°	616.5	633.1	652.0	670.9	685.6	700.4	708.0	715.7	703.6	691.5
573.3	30°	586.5	599.7	615.4	631.1	643.3	655.6	661.8	668.0	658.8	649.6
550.1	32.5°	557.8	565.6	578.2	590.7	602.5	614.2	621.1	628.0	619.6	611.1
528.1	35°	530.2	532.4	541.9	551.5	563.1	574.7	583.0	591.3	585.3	579.3
505.0	37.5°	502.7	500.3	507.2	514.0	525.6	537.2	547.5	557.7	554.9	552.1
479.8	40°	474.4	469.1	474.0	479.0	490.2	501.4	513.2	525.0	525.7	526.3
453.0	42.5°	445.9	438.8	442.8	446.9	457.5	468.1	480.8	493.6	497.0	500.4
426.3	45°	419.4	412.5	415.9	419.3	429.4	439.5	452.7	465.9	470.8	475.7
402.6	47.5°	396.8	391.0	394.2	397.3	407.2	417.0	430.0	443.1	448.7	454.3
381.6	50°	376.5	371.3	376.3	381.3	390.6	399.9	411.6	423.2	430.5	437.7
366.0	52.5°	360.9	355.9	363.3	370.8	379.3	387.8	398.7	409.6	418.2	426.7
357.7	55°	349.7	341.6	352.3	362.9	372.1	381.2	390.8	400.3	409.3	418.4
352.7	57.5°	341.0	329.3	340.7	352.2	362.9	373.7	383.1	392.6	401.7	410.9
348.1	60°	332.9	317.6	327.7	337.7	350.1	362.5	372.0	381.6	390.8	400.0
342.6	62.5°	323.6	304.6	311.0	317.4	331.8	346.2	356.4	366.7	375.1	383.5
331.1	65°	310.9	290.7	293.2	295.6	311.0	326.5	336.3	346.1	353.5	360.9
310.6	67.5°	293.8	277.0	276.2	275.4	289.7	304.0	313.3	322.5	328.9	335.3
284.6	70°	272.7	260.7	258.0	255.4	267.9	280.5	288.5	296.5	302.2	308.0
255.7	72.5°	247.5	239.3	235.3	231.5	241.4	251.2	258.4	265.7	271.3	277.0
222.8	75°	216.5	210.1	206.4	202.6	210.0	217.3	223.9	230.4	235.6	240.7
189.8	77.5°	184.8	179.7	175.9	172.1	178.1	184.1	189.7	195.3	200.7	206.1
152.3	80°	148.1	143.8	140.6	137.4	142.4	147.3	152.1	156.8	160.9	165.0
112.0	82.5°	109.9	107.9	105.6	103.4	103.0	102.5	100.9	99.2	108.0	116.8
73.7	85°	71.5	69.3	66.8	64.3	62.1	60.0	55.4	50.8	59.0	67.2
32.6	87.5°	31.7	30.8	30.3	29.9	29.8	29.7	26.2	22.7	26.1	29.6
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°
771.8	0°	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8
714.5	2.5°	711.7	709.5	707.3	705.3	703.3	700.8	703.3	705.3	707.3	709.5
672.3	5°	668.4	665.7	662.9	660.8	658.7	656.6	658.7	660.8	662.9	665.7
647.0	7.5°	642.3	639.2	636.0	634.1	632.3	630.9	632.3	634.1	636.0	639.2
639.7	10°	634.5	631.5	628.5	626.9	625.3	624.6	625.3	626.9	628.5	631.5
652.8	12.5°	646.1	642.8	639.4	638.1	636.7	636.5	636.7	638.1	639.4	642.8
680.3	15°	670.2	665.5	660.9	659.1	657.4	657.2	657.4	659.1	660.9	665.5
708.3	17.5°	693.3	686.5	679.6	677.3	675.0	674.7	675.0	677.3	679.6	686.5
725.7	20°	707.4	698.6	689.8	687.0	684.2	683.3	684.2	687.0	689.8	698.6
726.8	22.5°	707.9	698.7	689.4	686.2	683.1	681.8	683.1	686.2	689.4	698.7
710.3	25°	693.6	685.5	677.5	674.6	671.7	670.0	671.7	674.6	677.5	685.5
678.5	27.5°	665.5	660.1	654.7	653.4	652.0	651.6	652.0	653.4	654.7	660.1
640.3	30°	630.9	628.2	625.4	625.4	625.4	625.8	625.4	625.4	625.4	628.2
603.6	32.5°	596.2	594.4	592.6	592.8	593.1	593.5	593.1	592.8	592.6	594.4
572.4	35°	565.5	562.8	560.1	559.5	558.9	558.6	558.9	559.5	560.1	562.8
545.8	37.5°	539.5	534.5	529.5	526.9	524.2	522.8	524.2	526.9	529.5	534.5
520.9	40°	515.6	508.3	501.1	496.2	491.3	488.4	491.3	496.2	501.1	508.3
495.9	42.5°	491.4	482.3	473.3	466.2	459.0	454.3	459.0	466.2	473.3	482.3
471.6	45°	467.5	457.2	446.9	438.5	430.1	424.7	430.1	438.5	446.9	457.2
451.5	47.5°	448.6	439.5	430.3	422.5	414.8	409.6	414.8	422.5	430.3	439.5
437.5	50°	437.4	430.0	422.7	415.5	408.4	403.4	408.4	415.5	422.7	430.0
428.3	52.5°	429.8	423.8	417.8	411.4	405.0	400.4	405.0	411.4	417.8	423.8
420.6	55°	422.7	417.5	412.3	406.7	401.0	396.9	401.0	406.7	412.3	417.5
413.0	57.5°	415.2	409.9	404.6	399.1	393.5	389.2	393.5	399.1	404.6	409.9
402.4	60°	404.7	399.6	394.4	388.7	383.0	378.5	383.0	388.7	394.4	399.6
385.8	62.5°	388.1	383.4	378.8	372.7	366.7	361.3	366.7	372.7	378.8	383.4
363.2	65°	365.5	361.1	356.6	350.7	344.9	340.3	344.9	350.7	356.6	361.1
337.6	67.5°	339.9	335.7	331.7	326.2	320.8	316.6	320.8	326.2	331.7	335.7
310.2	70°	312.4	309.1	305.7	300.5	295.3	290.5	295.3	300.5	305.7	309.1
279.6	72.5°	282.2	279.4	276.6	271.7	266.7	262.1	266.7	271.7	276.6	279.4
243.5	75°	246.2	244.8	243.5	239.3	235.1	230.7	235.1	239.3	243.5	244.8
208.7	77.5°	211.2	209.3	207.4	203.2	199.0	195.5	199.0	203.2	207.4	209.3
168.4	80°	171.8	171.0	170.2	164.5	158.8	152.2	158.8	164.5	170.2	171.0
122.5	82.5°	128.2	127.9	127.5	122.7	117.9	113.7	117.9	122.7	127.5	127.9
74.3	85°	81.4	80.9	80.3	76.5	72.8	69.0	72.8	76.5	80.3	80.9
32.4	87.5°	35.3	34.6	33.8	31.9	30.0	28.1	30.0	31.9	33.8	34.6
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°
771.8	0°	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8
711.7	2.5°	714.5	717.3	720.8	724.3	728.8	733.3	737.7	742.2	747.3	752.4
668.4	5°	672.3	676.2	681.7	687.3	694.5	701.7	709.6	717.6	726.6	735.6
642.3	7.5°	647.0	651.6	658.2	664.8	673.6	682.4	692.4	702.4	714.2	726.1
634.5	10°	639.7	644.8	652.7	660.6	670.5	680.5	691.2	702.0	713.8	725.7
646.1	12.5°	652.8	659.4	669.5	679.6	689.8	700.1	708.5	717.0	724.8	732.7
670.2	15°	680.3	690.4	704.8	719.1	728.0	736.9	739.1	741.3	740.3	739.2
693.3	17.5°	708.3	723.2	742.2	761.2	768.3	775.5	768.7	761.8	748.9	736.0
707.4	20°	725.7	744.0	765.7	787.4	790.7	794.0	779.7	765.3	742.9	720.4
707.9	22.5°	726.8	745.6	766.4	787.1	785.1	783.1	764.4	745.7	720.1	694.5
693.6	25°	710.3	727.1	744.0	761.0	754.2	747.3	728.9	710.5	687.5	664.5
665.5	27.5°	678.5	691.5	703.6	715.7	708.0	700.4	685.6	670.9	652.0	633.1
630.9	30°	640.3	649.6	658.8	668.0	661.8	655.6	643.3	631.1	615.4	599.7
596.2	32.5°	603.6	611.1	619.6	628.0	621.1	614.2	602.5	590.7	578.2	565.6
565.5	35°	572.4	579.3	585.3	591.3	583.0	574.7	563.1	551.5	541.9	532.4
539.5	37.5°	545.8	552.1	554.9	557.7	547.5	537.2	525.6	514.0	507.2	500.3
515.6	40°	520.9	526.3	525.7	525.0	513.2	501.4	490.2	479.0	474.0	469.1
491.4	42.5°	495.9	500.4	497.0	493.6	480.8	468.1	457.5	446.9	442.8	438.8
467.5	45°	471.6	475.7	470.8	465.9	452.7	439.5	429.4	419.3	415.9	412.5
448.6	47.5°	451.5	454.3	448.7	443.1	430.0	417.0	407.2	397.3	394.2	391.0
437.4	50°	437.5	437.7	430.5	423.2	411.6	399.9	390.6	381.3	376.3	371.3
429.8	52.5°	428.3	426.7	418.2	409.6	398.7	387.8	379.3	370.8	363.3	355.9
422.7	55°	420.6	418.4	409.3	400.3	390.8	381.2	372.1	362.9	352.3	341.6
415.2	57.5°	413.0	410.9	401.7	392.6	383.1	373.7	362.9	352.2	340.7	329.3
404.7	60°	402.4	400.0	390.8	381.6	372.0	362.5	350.1	337.7	327.7	317.6
388.1	62.5°	385.8	383.5	375.1	366.7	356.4	346.2	331.8	317.4	311.0	304.6
365.5	65°	363.2	360.9	353.5	346.1	336.3	326.5	311.0	295.6	293.2	290.7
339.9	67.5°	337.6	335.3	328.9	322.5	313.3	304.0	289.7	275.4	276.2	277.0
312.4	70°	310.2	308.0	302.2	296.5	288.5	280.5	267.9	255.4	258.0	260.7
282.2	72.5°	279.6	277.0	271.3	265.7	258.4	251.2	241.4	231.5	235.3	239.3
246.2	75°	243.5	240.7	235.6	230.4	223.9	217.3	210.0	202.6	206.4	210.1
211.2	77.5°	208.7	206.1	200.7	195.3	189.7	184.1	178.1	172.1	175.9	179.7
171.8	80°	168.4	165.0	160.9	156.8	152.1	147.3	142.4	137.4	140.6	143.8
128.2	82.5°	122.5	116.8	108.0	99.2	100.9	102.5	103.0	103.4	105.6	107.9
81.4	85°	74.3	67.2	59.0	50.8	55.4	60.0	62.1	64.3	66.8	69.3
35.3	87.5°	32.4	29.6	26.1	22.7	26.2	29.7	29.8	29.9	30.3	30.8
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°
771.8	0°	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8
758.1	2.5°	763.8	770.8	777.1	783.6	790.1	797.0	803.8	810.5	817.3	823.7
746.3	5°	757.0	769.3	781.8	794.9	808.1	822.2	836.3	850.4	864.4	878.5
740.3	7.5°	754.6	770.5	787.5	805.9	824.3	845.1	866.0	887.5	908.9	932.1
740.7	10°	755.8	772.9	793.8	815.6	837.4	862.7	888.1	916.4	944.7	974.1
744.9	12.5°	757.3	773.2	795.2	819.8	844.4	874.3	904.2	936.3	968.4	1000.7
745.1	15°	751.0	763.7	788.1	816.6	845.1	879.5	913.9	948.8	983.6	1017.2
733.9	17.5°	731.7	739.6	768.2	802.5	836.8	876.7	916.7	954.7	992.7	1026.8
710.4	20°	700.3	702.4	735.8	778.2	820.7	869.2	917.6	959.4	1001.1	1036.6
679.6	22.5°	664.7	660.6	698.6	749.8	800.9	859.9	918.8	965.7	1012.5	1048.7
647.3	25°	630.1	619.2	658.1	718.0	777.9	850.7	923.5	977.0	1030.5	1066.0
616.5	27.5°	599.9	586.6	622.0	688.9	755.8	844.5	933.3	994.8	1056.3	1090.2
586.5	30°	573.3	562.9	592.6	664.6	736.7	841.7	946.6	1017.8	1089.0	1121.6
557.8	32.5°	550.1	545.4	569.4	643.7	718.0	838.1	958.2	1041.8	1125.5	1157.8
530.2	35°	528.1	530.0	550.0	623.1	696.3	831.4	966.7	1069.2	1171.7	1202.7
502.7	37.5°	505.0	512.1	529.6	598.9	668.2	820.0	971.7	1099.9	1228.0	1267.5
474.4	40°	479.8	490.6	506.5	570.0	633.5	804.2	974.9	1138.8	1302.6	1360.2
445.9	42.5°	453.0	466.6	481.2	538.1	595.0	787.9	980.9	1189.7	1398.5	1481.6
419.4	45°	426.3	439.5	454.3	504.2	554.1	772.8	991.5	1256.7	1521.9	1634.0
396.8	47.5°	402.6	413.9	433.0	477.4	521.8	760.3	998.7	1328.1	1657.4	1815.2
376.5	50°	381.6	394.8	419.9	459.6	499.3	746.6	994.0	1394.3	1794.6	2032.5
360.9	52.5°	366.0	384.4	413.3	447.9	482.5	723.6	964.8	1437.3	1909.7	2260.7
349.7	55°	357.7	385.5	412.3	439.4	466.4	685.5	904.5	1427.8	1951.1	2463.1
341.0	57.5°	352.7	386.5	410.2	429.3	448.4	631.7	814.9	1361.1	1907.3	2606.5
332.9	60°	348.1	383.3	398.9	413.9	428.9	561.8	694.8	1237.0	1779.2	2642.3
323.6	62.5°	342.6	375.3	377.2	387.1	397.1	478.3	559.4	1069.1	1578.9	2491.4
310.9	65°	331.1	356.0	355.8	360.5	365.2	403.1	440.9	897.9	1354.9	2277.9
293.8	67.5°	310.6	324.6	325.3	322.7	320.0	330.8	341.6	730.1	1118.7	2023.8
272.7	70°	284.6	289.2	289.2	277.0	264.8	261.8	258.7	574.9	891.0	1746.6
247.5	72.5°	255.7	255.6	252.7	235.4	218.1	208.8	199.6	439.5	679.4	1446.0
216.5	75°	222.8	223.9	210.5	191.2	171.8	163.4	155.0	319.0	483.0	1101.5
184.8	77.5°	189.8	190.4	168.4	149.6	130.8	125.0	119.3	216.1	313.0	770.9
148.1	80°	152.3	152.4	126.0	110.1	94.2	91.8	89.4	139.3	189.1	496.7
109.9	82.5°	112.0	110.8	88.3	76.5	64.8	64.3	63.9	85.7	107.5	287.5
71.5	85°	73.7	72.1	55.4	46.8	38.2	38.4	38.7	45.8	53.0	129.3
31.7	87.5°	32.6	30.5	23.5	20.0	16.5	16.7	16.9	19.0	21.0	42.4
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
771.8	0°	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8
830.0	2.5°	833.2	836.3	840.8	845.3	848.0	850.6	852.0	853.3	852.7	853.3
892.5	5°	903.5	914.5	925.4	936.4	942.3	948.2	951.8	955.4	958.1	955.4
955.3	7.5°	973.2	991.1	1007.1	1023.2	1032.9	1042.6	1047.8	1053.1	1055.6	1053.1
1003.4	10°	1024.6	1045.7	1064.6	1083.5	1094.9	1106.3	1111.4	1116.4	1118.4	1116.4
1032.9	12.5°	1055.8	1078.7	1095.8	1112.8	1121.1	1129.4	1132.2	1134.9	1135.2	1134.9
1050.8	15°	1070.6	1090.4	1101.1	1111.8	1112.1	1112.4	1109.4	1106.5	1103.0	1106.5
1060.9	17.5°	1074.3	1087.6	1087.8	1088.0	1076.0	1064.0	1053.0	1042.0	1034.2	1042.0
1072.0	20°	1076.7	1081.3	1067.3	1053.2	1026.7	1000.2	981.0	961.7	949.8	961.7
1084.9	22.5°	1078.8	1072.7	1043.5	1014.4	975.5	936.5	912.4	888.3	875.2	888.3
1101.5	25°	1082.2	1063.0	1018.7	974.5	927.2	879.9	854.5	829.2	816.9	829.2
1124.0	27.5°	1089.6	1055.1	996.5	937.9	885.5	833.1	808.1	783.2	771.5	783.2
1154.3	30°	1103.0	1051.7	979.6	907.4	852.8	798.2	775.1	751.9	741.0	751.9
1190.2	32.5°	1119.9	1049.6	968.0	886.4	835.1	783.7	765.6	747.4	739.6	747.4
1233.7	35°	1147.7	1061.7	976.7	891.6	856.0	820.3	816.1	811.9	811.2	811.9
1307.0	37.5°	1205.9	1104.7	1027.4	950.1	947.8	945.5	964.8	984.2	994.3	984.2
1417.8	40°	1307.8	1197.7	1140.2	1082.8	1123.3	1163.9	1211.0	1258.1	1281.6	1258.1
1564.7	42.5°	1455.5	1346.4	1313.2	1280.1	1368.6	1457.1	1542.8	1628.4	1678.7	1628.4
1746.1	45°	1648.0	1550.0	1535.3	1520.7	1662.5	1804.3	1945.1	2085.8	2171.3	2085.8
1973.0	47.5°	1877.6	1782.2	1779.2	1776.2	1980.8	2185.2	2391.3	2597.3	2718.3	2597.3
2270.3	50°	2152.5	2034.7	2035.2	2035.7	2299.3	2562.9	2834.9	3106.8	3271.3	3106.8
2611.7	52.5°	2469.0	2326.3	2311.9	2297.4	2612.3	2927.2	3263.7	3600.2	3797.3	3600.2
2975.1	55°	2834.1	2693.1	2636.9	2580.6	2931.1	3281.5	3682.7	4083.8	4318.3	4083.8
3305.6	57.5°	3228.9	3152.1	3039.2	2926.5	3280.3	3634.1	4088.5	4542.9	4833.6	4542.9
3505.4	60°	3624.6	3743.9	3603.8	3463.7	3798.6	4133.4	4619.9	5106.4	5420.6	5106.4
3404.0	62.5°	3729.8	4055.6	4039.8	4024.0	4330.8	4637.5	5100.4	5563.2	5853.6	5563.2
3200.9	65°	3506.7	3812.5	3873.0	3933.5	4323.3	4713.2	5162.0	5610.8	5858.1	5610.8
2928.9	67.5°	3219.7	3510.6	3539.0	3567.3	3973.5	4379.6	4830.4	5281.1	5474.8	5281.1
2602.1	70°	2918.4	3234.8	3247.5	3260.2	3623.4	3986.6	4374.5	4762.4	4870.0	4762.4
2212.6	72.5°	2575.6	2938.7	2947.8	2956.9	3241.1	3525.2	3815.8	4106.2	4117.1	4106.2
1719.9	75°	2095.6	2471.4	2505.1	2538.8	2759.9	2981.0	3185.5	3390.0	3335.2	3390.0
1228.8	77.5°	1579.6	1930.3	1978.6	2026.9	2195.0	2363.0	2508.1	2653.1	2559.0	2653.1
804.3	80°	1099.3	1394.4	1454.4	1514.4	1641.4	1768.2	1844.4	1920.6	1769.1	1920.6
467.5	82.5°	669.2	871.0	938.0	1005.1	1092.4	1179.8	1211.6	1243.3	1124.3	1243.3
205.7	85°	312.8	419.8	476.8	533.9	605.7	677.4	695.5	713.5	618.1	713.5
63.7	87.5°	99.7	135.6	167.5	199.3	235.2	271.1	272.6	274.1	230.1	274.1
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°
771.8	0°	771.8	771.8	771.8	771.8	771.8	771.8	771.8
852.0	2.5°	850.6	848.0	845.3	840.8	836.3	833.2	830.0
951.8	5°	948.2	942.3	936.4	925.4	914.5	903.5	892.5
1047.8	7.5°	1042.6	1032.9	1023.2	1007.1	991.1	973.2	955.3
1111.4	10°	1106.3	1094.9	1083.5	1064.6	1045.7	1024.6	1003.4
1132.2	12.5°	1129.4	1121.1	1112.8	1095.8	1078.7	1055.8	1032.9
1109.4	15°	1112.4	1112.1	1111.8	1101.1	1090.4	1070.6	1050.8
1053.0	17.5°	1064.0	1076.0	1088.0	1087.8	1087.6	1074.3	1060.9
981.0	20°	1000.2	1026.7	1053.2	1067.3	1081.3	1076.7	1072.0
912.4	22.5°	936.5	975.5	1014.4	1043.5	1072.7	1078.8	1084.9
854.5	25°	879.9	927.2	974.5	1018.7	1063.0	1082.2	1101.5
808.1	27.5°	833.1	885.5	937.9	996.5	1055.1	1089.6	1124.0
775.1	30°	798.2	852.8	907.4	979.6	1051.7	1103.0	1154.3
765.6	32.5°	783.7	835.1	886.4	968.0	1049.6	1119.9	1190.2
816.1	35°	820.3	856.0	891.6	976.7	1061.7	1147.7	1233.7
964.8	37.5°	945.5	947.8	950.1	1027.4	1104.7	1205.9	1307.0
1211.0	40°	1163.9	1123.3	1082.8	1140.2	1197.7	1307.8	1417.8
1542.8	42.5°	1457.1	1368.6	1280.1	1313.2	1346.4	1455.5	1564.7
1945.1	45°	1804.3	1662.5	1520.7	1535.3	1550.0	1648.0	1746.1
2391.3	47.5°	2185.2	1980.8	1776.2	1779.2	1782.2	1877.6	1973.0
2834.9	50°	2562.9	2299.3	2035.7	2035.2	2034.7	2152.5	2270.3
3263.7	52.5°	2927.2	2612.3	2297.4	2311.9	2326.3	2469.0	2611.7
3682.7	55°	3281.5	2931.1	2580.6	2636.9	2693.1	2834.1	2975.1
4088.5	57.5°	3634.1	3280.3	2926.5	3039.2	3152.1	3228.9	3305.6
4619.9	60°	4133.4	3798.6	3463.7	3603.8	3743.9	3624.6	3505.4
5100.4	62.5°	4637.5	4330.8	4024.0	4039.8	4055.6	3729.8	3404.0
5162.0	65°	4713.2	4323.3	3933.5	3873.0	3812.5	3506.7	3200.9
4830.4	67.5°	4379.6	3973.5	3567.3	3539.0	3510.6	3219.7	2928.9
4374.5	70°	3986.6	3623.4	3260.2	3247.5	3234.8	2918.4	2602.1
3815.8	72.5°	3525.2	3241.1	2956.9	2947.8	2938.7	2575.6	2212.6
3185.5	75°	2981.0	2759.9	2538.8	2505.1	2471.4	2095.6	1719.9
2508.1	77.5°	2363.0	2195.0	2026.9	1978.6	1930.3	1579.6	1228.8
1844.4	80°	1768.2	1641.4	1514.4	1454.4	1394.4	1099.3	804.3
1211.6	82.5°	1179.8	1092.4	1005.1	938.0	871.0	669.2	467.5
695.5	85°	677.4	605.7	533.9	476.8	419.8	312.8	205.7
272.6	87.5°	271.1	235.2	199.3	167.5	135.6	99.7	63.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)