

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: P946522

Luminaire Tested: **GALN-SB2A-927-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P946522
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-SB2A-927-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 90 CRI, 2700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5441 lumens
Efficiency: N/A
Efficacy: 95.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

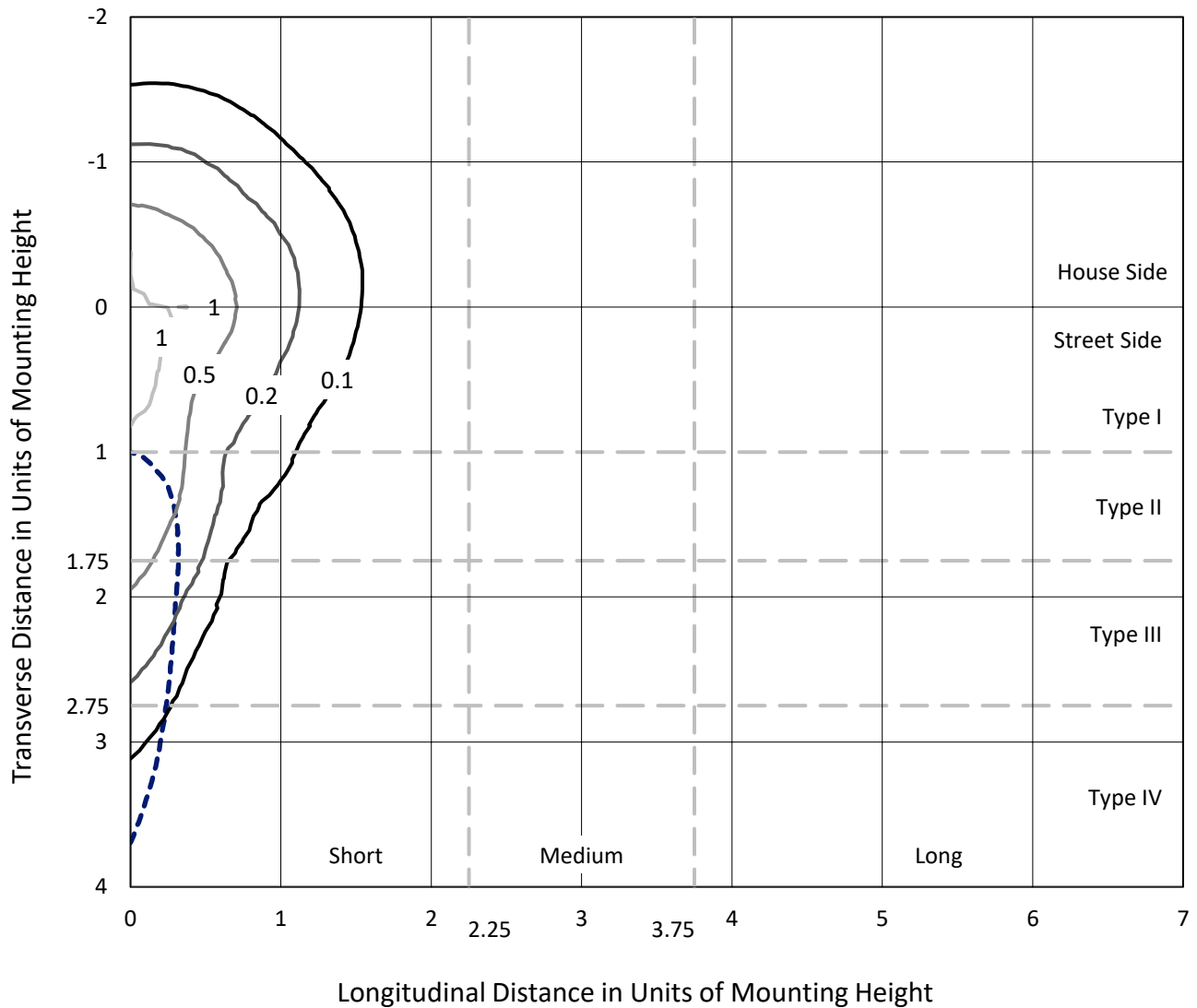
Input Watts (W): 57.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

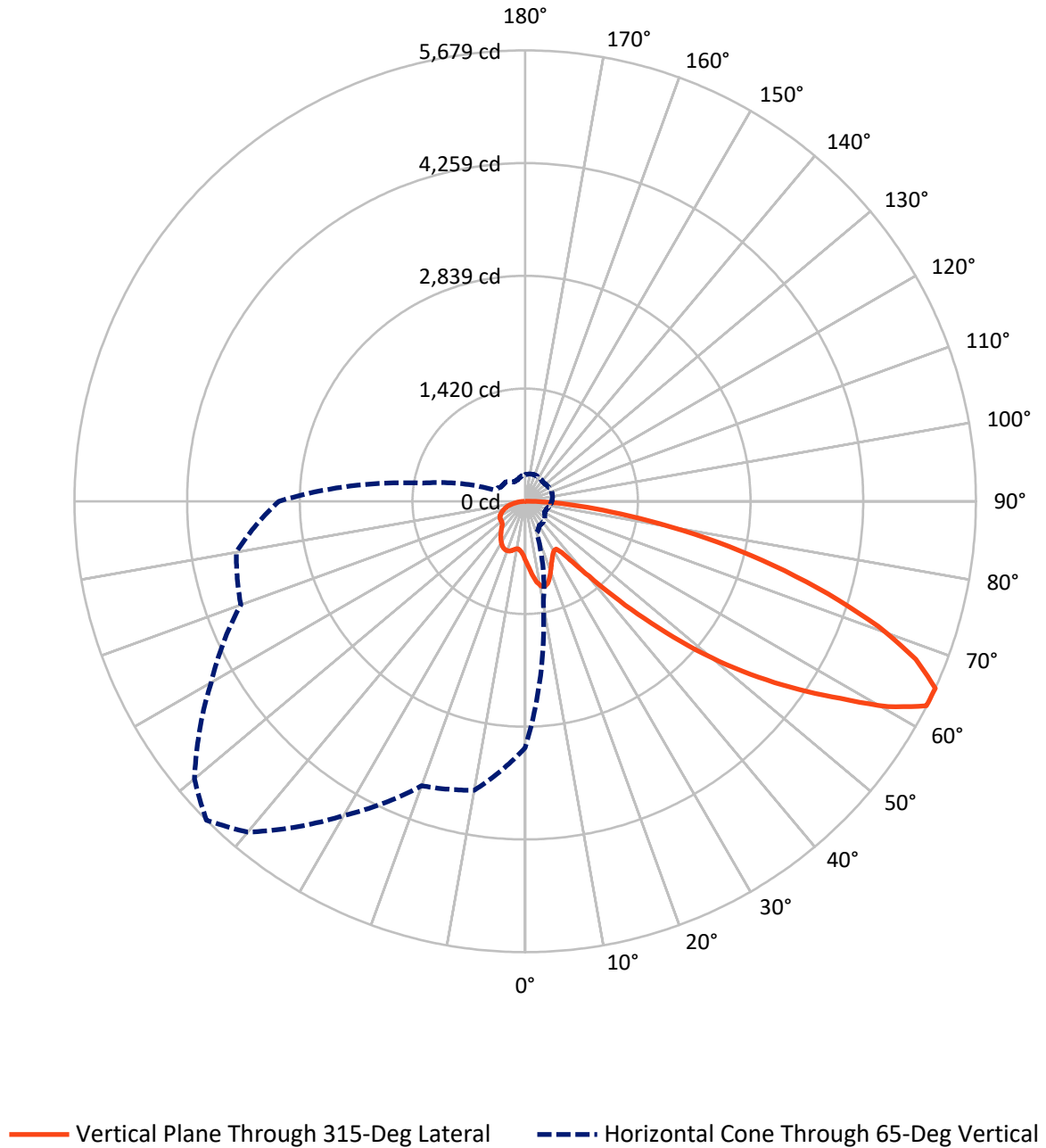
× Max cd
 - - - 1/2 Max cd



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	1382.8	0.0	1382.8
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	4058.2	0.0	4058.2
	% Fixture	74.6	0.0	74.6
Total	Lumens	5441.0	0.0	5441.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.2	1.4
10°-20°	233.0	4.3
20°-30°	359.9	6.6
30°-40°	456.1	8.4
40°-50°	687.9	12.6
50°-60°	1111.4	20.4
60°-70°	1385.5	25.5
70°-80°	908.5	16.7
80°-90°	224.6	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°	5441.0	100.0
0°-180°	5441.0	100.0

Coefficient of Utilization



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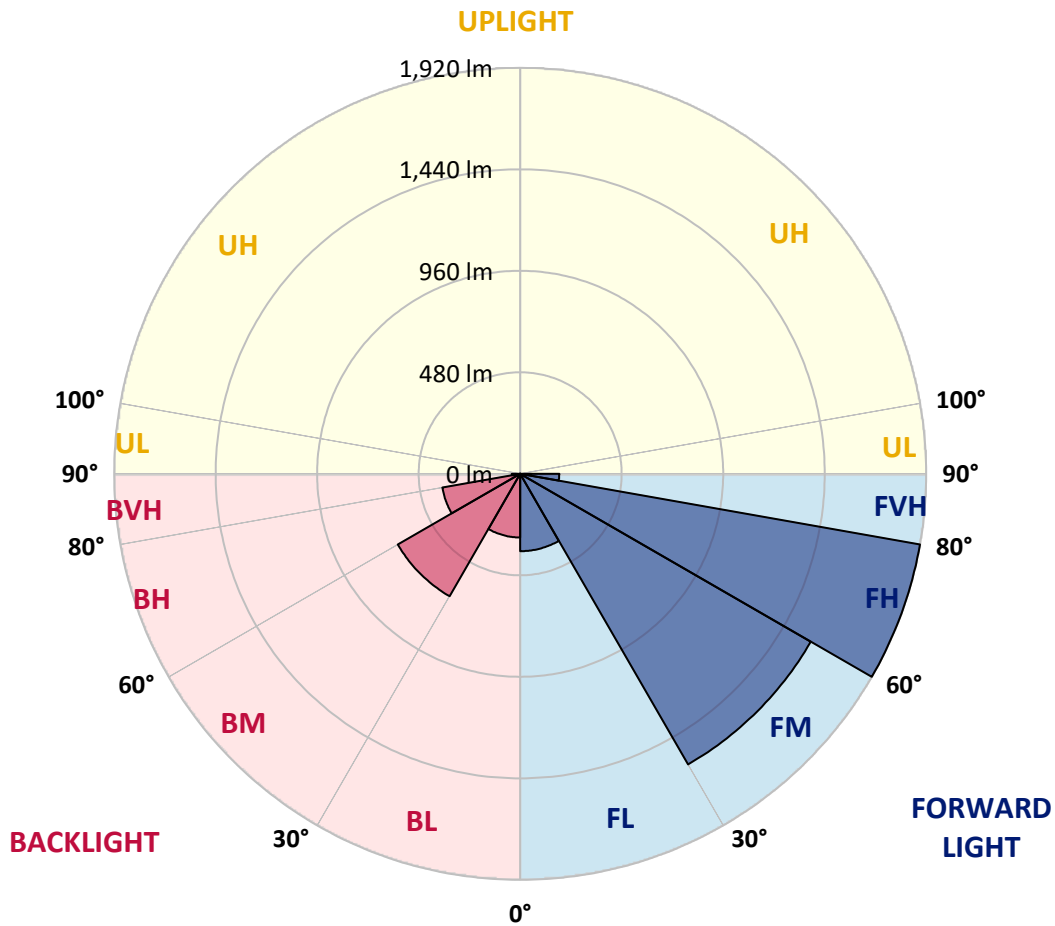
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	366.0	6.7			
FM (30°-60°)	1587.0	29.2			
FH (60°-80°)	1920.2	35.3			G2/5000
FVH (80°-90°)	185.0	3.4			G2/225
BL (0°-30°)	301.1	5.5	B1/500		
BM (30°-60°)	668.3	12.3	B1/1000		
BH (60°-80°)	373.9	6.9	B1/500		G1/500
BVH (80°-90°)	39.6	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°	748.2	748.2	748.2	748.2	748.2	748.2	748.2	748.2	748.2	748.2
2.5°	804.6	798.4	792.3	785.7	779.1	772.5	765.9	759.6	753.3	747.2
5°	865.2	851.5	837.9	824.3	810.7	797.0	783.4	770.6	757.8	745.7
7.5°	926.0	903.5	881.1	860.3	839.5	819.2	799.0	781.2	763.3	746.9
10°	972.7	944.2	915.8	888.3	860.9	836.3	811.7	790.6	769.5	749.2
12.5°	1001.3	970.0	938.8	907.6	876.5	847.5	818.5	794.7	770.8	749.5
15°	1018.6	986.0	953.5	919.7	885.9	852.5	819.2	791.5	763.9	740.3
17.5°	1028.4	995.3	962.3	925.5	888.6	849.9	811.1	777.9	744.7	716.9
20°	1039.2	1004.8	970.5	930.0	889.5	842.5	795.6	754.4	713.2	680.9
22.5°	1051.6	1016.6	981.5	936.1	890.6	833.5	776.4	726.8	677.2	640.4
25°	1067.7	1033.3	999.0	947.1	895.2	824.6	754.1	696.0	637.9	600.2
27.5°	1089.5	1056.8	1023.9	964.3	904.7	818.7	732.7	667.8	603.0	568.6
30°	1119.0	1087.3	1055.6	986.6	917.6	815.9	714.1	644.3	574.5	545.6
32.5°	1153.7	1122.3	1091.0	1009.9	928.8	812.4	696.0	624.0	552.0	528.7
35°	1195.9	1165.9	1135.8	1036.4	937.0	805.9	674.9	604.0	533.1	513.8
37.5°	1267.0	1228.7	1190.4	1066.1	941.9	794.8	647.8	580.5	513.3	496.4
40°	1374.4	1318.5	1262.7	1103.9	945.0	779.5	614.1	552.5	490.9	475.6
42.5°	1516.8	1436.2	1355.6	1153.2	950.8	763.7	576.7	521.6	466.5	452.3
45°	1692.6	1583.9	1475.3	1218.2	961.1	749.1	537.1	488.8	440.4	426.1
47.5°	1912.5	1759.6	1606.6	1287.4	968.1	737.0	505.8	462.8	419.7	401.2
50°	2200.8	1970.2	1739.6	1351.6	963.5	723.8	484.0	445.5	407.1	382.7
52.5°	2531.7	2191.4	1851.2	1393.2	935.2	701.4	467.7	434.2	400.6	372.7
55°	2883.9	2387.6	1891.3	1384.1	876.8	664.5	452.1	425.9	399.7	373.7
57.5°	3204.3	2526.6	1848.9	1319.4	790.0	612.3	434.7	416.2	397.6	374.7
60°	3398.0	2561.3	1724.7	1199.1	673.5	544.6	415.8	401.2	386.7	371.5
62.5°	3299.6	2415.1	1530.5	1036.4	542.3	463.6	384.9	375.3	365.6	363.8
65°	3102.8	2208.1	1313.3	870.4	427.4	390.7	354.0	349.4	344.9	345.1
67.5°	2839.1	1961.8	1084.4	707.8	331.1	320.7	310.2	312.8	315.3	314.7
70°	2522.3	1693.0	863.7	557.3	250.8	253.8	256.7	268.6	280.4	280.4
72.5°	2144.8	1401.7	658.6	426.0	193.4	202.4	211.4	228.2	245.0	247.8
75°	1667.2	1067.7	468.2	309.2	150.2	158.4	166.5	185.3	204.1	217.0
77.5°	1191.2	747.3	303.4	209.5	115.6	121.2	126.8	145.0	163.2	184.6
80°	779.6	481.5	183.3	135.0	86.7	89.0	91.3	106.7	122.2	147.7
82.5°	453.2	278.7	104.2	83.0	62.0	62.4	62.8	74.2	85.6	107.4
85°	199.4	125.3	51.3	44.4	37.5	37.3	37.0	45.4	53.7	69.9
87.5°	61.7	41.1	20.4	18.4	16.4	16.2	16.0	19.4	22.8	29.6
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°
748.2	0°	748.2	748.2	748.2	748.2	748.2	748.2	748.2	748.2	748.2	748.2
740.4	2.5°	734.9	729.4	724.4	719.5	715.1	710.8	706.4	702.1	698.7	695.4
733.8	5°	723.4	713.0	704.3	695.6	687.9	680.2	673.2	666.2	660.8	655.5
731.5	7.5°	717.6	703.8	692.3	680.9	671.2	661.5	652.9	644.4	638.0	631.6
732.6	10°	718.0	703.5	692.0	680.5	670.1	659.6	650.0	640.4	632.7	625.1
734.1	12.5°	722.1	710.2	702.6	695.0	686.8	678.6	668.7	658.8	649.0	639.2
727.9	15°	722.2	716.5	717.6	718.6	716.5	714.4	705.7	697.1	683.2	669.3
709.3	17.5°	711.4	713.4	726.0	738.5	745.1	751.8	744.8	737.8	719.4	701.0
678.8	20°	688.6	698.4	720.1	741.9	755.8	769.7	766.5	763.3	742.2	721.2
644.3	22.5°	658.8	673.2	698.0	722.9	741.0	759.1	761.0	763.0	742.9	722.8
610.8	25°	627.5	644.1	666.4	688.8	706.6	724.4	731.1	737.7	721.2	704.8
581.5	27.5°	597.6	613.7	632.0	650.3	664.6	678.9	686.3	693.8	682.0	670.3
555.8	30°	568.5	581.3	596.5	611.8	623.6	635.5	641.5	647.6	638.6	629.7
533.2	32.5°	540.8	548.3	560.4	572.6	584.0	595.4	602.1	608.8	600.6	592.3
511.9	35°	514.0	516.1	525.3	534.6	545.8	557.1	565.2	573.2	567.3	561.5
489.6	37.5°	487.3	485.0	491.6	498.3	509.5	520.7	530.7	540.6	537.9	535.2
465.1	40°	459.9	454.7	459.5	464.3	475.2	486.0	497.4	508.9	509.5	510.2
439.1	42.5°	432.2	425.3	429.2	433.2	443.5	453.8	466.1	478.5	481.8	485.1
413.3	45°	406.6	399.9	403.1	406.5	416.2	426.0	438.8	451.6	456.3	461.1
390.2	47.5°	384.6	379.0	382.1	385.1	394.7	404.2	416.9	429.5	435.0	440.4
369.9	50°	364.9	360.0	364.8	369.6	378.7	387.6	399.0	410.3	417.3	424.3
354.8	52.5°	349.9	345.0	352.2	359.5	367.7	376.0	386.5	397.1	405.4	413.7
346.8	55°	339.0	331.2	341.5	351.8	360.7	369.6	378.8	388.0	396.8	405.6
341.9	57.5°	330.6	319.2	330.3	341.4	351.8	362.3	371.4	380.6	389.4	398.3
337.4	60°	322.7	307.9	317.6	327.4	339.4	351.4	360.6	369.9	378.8	387.7
332.1	62.5°	313.7	295.3	301.5	307.6	321.6	335.6	345.5	355.4	363.6	371.7
321.0	65°	301.4	281.8	284.2	286.5	301.5	316.5	326.0	335.5	342.7	349.8
301.1	67.5°	284.8	268.5	267.8	267.0	280.8	294.7	303.7	312.7	318.9	325.1
275.9	70°	264.3	252.7	250.1	247.5	259.7	271.9	279.6	287.4	293.0	298.6
247.8	72.5°	239.9	231.9	228.1	224.4	234.0	243.5	250.5	257.5	263.0	268.5
216.0	75°	209.8	203.7	200.1	196.4	203.6	210.7	217.0	223.4	228.4	233.4
184.0	77.5°	179.1	174.2	170.5	166.9	172.7	178.4	183.9	189.3	194.6	199.8
147.6	80°	143.5	139.4	136.3	133.2	138.0	142.8	147.4	152.0	156.0	160.0
108.6	82.5°	106.6	104.6	102.4	100.2	99.8	99.4	97.8	96.2	104.7	113.2
71.5	85°	69.3	67.2	64.7	62.3	60.2	58.1	53.7	49.2	57.2	65.2
31.6	87.5°	30.7	29.9	29.4	28.9	28.9	28.8	25.4	22.0	25.3	28.7
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
748.2	0°	748.2	748.2	748.2	748.2	748.2	748.2	748.2	748.2	748.2	748.2
692.6	2.5°	689.9	687.8	685.7	683.7	681.7	679.3	681.7	683.7	685.7	687.8
651.7	5°	647.9	645.3	642.6	640.6	638.5	636.5	638.5	640.6	642.6	645.3
627.1	7.5°	622.7	619.6	616.5	614.7	612.9	611.5	612.9	614.7	616.5	619.6
620.1	10°	615.0	612.1	609.2	607.7	606.1	605.5	606.1	607.7	609.2	612.1
632.8	12.5°	626.3	623.1	619.9	618.5	617.2	617.0	617.2	618.5	619.9	623.1
659.5	15°	649.7	645.1	640.7	638.9	637.2	637.1	637.2	638.9	640.7	645.1
686.6	17.5°	672.1	665.4	658.8	656.6	654.4	654.0	654.4	656.6	658.8	665.4
703.5	20°	685.7	677.2	668.7	665.9	663.2	662.3	663.2	665.9	668.7	677.2
704.5	22.5°	686.2	677.2	668.2	665.2	662.2	660.9	662.2	665.2	668.2	677.2
688.5	25°	672.3	664.5	656.7	653.9	651.1	649.4	651.1	653.9	656.7	664.5
657.7	27.5°	645.1	639.9	634.6	633.3	632.1	631.6	632.1	633.3	634.6	639.9
620.7	30°	611.6	608.9	606.2	606.2	606.2	606.6	606.2	606.2	606.2	608.9
585.1	32.5°	577.9	576.2	574.4	574.7	574.9	575.3	574.9	574.7	574.4	576.2
554.9	35°	548.2	545.5	542.9	542.3	541.8	541.5	541.8	542.3	542.9	545.5
529.1	37.5°	523.0	518.1	513.3	510.7	508.2	506.7	508.2	510.7	513.3	518.1
505.0	40°	499.8	492.7	485.7	481.0	476.2	473.4	476.2	481.0	485.7	492.7
480.7	42.5°	476.3	467.5	458.8	451.9	444.9	440.4	444.9	451.9	458.8	467.5
457.1	45°	453.2	443.2	433.2	425.1	416.9	411.7	416.9	425.1	433.2	443.2
437.7	47.5°	434.9	426.0	417.1	409.6	402.1	397.1	402.1	409.6	417.1	426.0
424.1	50°	424.0	416.9	409.8	402.8	395.9	391.0	395.9	402.8	409.8	416.9
415.1	52.5°	416.6	410.8	405.0	398.8	392.6	388.2	392.6	398.8	405.0	410.8
407.7	55°	409.8	404.7	399.6	394.2	388.7	384.7	388.7	394.2	399.6	404.7
400.4	57.5°	402.5	397.3	392.2	386.8	381.4	377.3	381.4	386.8	392.2	397.3
390.0	60°	392.3	387.3	382.4	376.8	371.2	366.9	371.2	376.8	382.4	387.3
373.9	62.5°	376.2	371.7	367.1	361.3	355.4	350.3	355.4	361.3	367.1	371.7
352.1	65°	354.3	350.0	345.7	340.0	334.3	329.9	334.3	340.0	345.7	350.0
327.3	67.5°	329.4	325.5	321.5	316.2	310.9	306.9	310.9	316.2	321.5	325.5
300.7	70°	302.8	299.6	296.3	291.3	286.2	281.6	286.2	291.3	296.3	299.6
271.0	72.5°	273.5	270.9	268.2	263.3	258.5	254.1	258.5	263.3	268.2	270.9
236.0	75°	238.6	237.3	236.0	231.9	227.9	223.7	227.9	231.9	236.0	237.3
202.3	77.5°	204.8	202.9	201.0	197.0	192.9	189.5	192.9	197.0	201.0	202.9
163.2	80°	166.5	165.7	164.9	159.5	153.9	147.6	153.9	159.5	164.9	165.7
118.7	82.5°	124.3	124.0	123.6	119.0	114.3	110.2	114.3	119.0	123.6	124.0
72.1	85°	79.0	78.4	77.8	74.2	70.6	66.9	70.6	74.2	77.8	78.4
31.4	87.5°	34.2	33.5	32.8	30.9	29.1	27.3	29.1	30.9	32.8	33.5
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
748.2	0°	748.2	748.2	748.2	748.2	748.2	748.2	748.2	748.2	748.2	748.2
689.9	2.5°	692.6	695.4	698.7	702.1	706.4	710.8	715.1	719.5	724.4	729.4
647.9	5°	651.7	655.5	660.8	666.2	673.2	680.2	687.9	695.6	704.3	713.0
622.7	7.5°	627.1	631.6	638.0	644.4	652.9	661.5	671.2	680.9	692.3	703.8
615.0	10°	620.1	625.1	632.7	640.4	650.0	659.6	670.1	680.5	692.0	703.5
626.3	12.5°	632.8	639.2	649.0	658.8	668.7	678.6	686.8	695.0	702.6	710.2
649.7	15°	659.5	669.3	683.2	697.1	705.7	714.4	716.5	718.6	717.6	716.5
672.1	17.5°	686.6	701.0	719.4	737.8	744.8	751.8	745.1	738.5	726.0	713.4
685.7	20°	703.5	721.2	742.2	763.3	766.5	769.7	755.8	741.9	720.1	698.4
686.2	22.5°	704.5	722.8	742.9	763.0	761.0	759.1	741.0	722.9	698.0	673.2
672.3	25°	688.5	704.8	721.2	737.7	731.1	724.4	706.6	688.8	666.4	644.1
645.1	27.5°	657.7	670.3	682.0	693.8	686.3	678.9	664.6	650.3	632.0	613.7
611.6	30°	620.7	629.7	638.6	647.6	641.5	635.5	623.6	611.8	596.5	581.3
577.9	32.5°	585.1	592.3	600.6	608.8	602.1	595.4	584.0	572.6	560.4	548.3
548.2	35°	554.9	561.5	567.3	573.2	565.2	557.1	545.8	534.6	525.3	516.1
523.0	37.5°	529.1	535.2	537.9	540.6	530.7	520.7	509.5	498.3	491.6	485.0
499.8	40°	505.0	510.2	509.5	508.9	497.4	486.0	475.2	464.3	459.5	454.7
476.3	42.5°	480.7	485.1	481.8	478.5	466.1	453.8	443.5	433.2	429.2	425.3
453.2	45°	457.1	461.1	456.3	451.6	438.8	426.0	416.2	406.5	403.1	399.9
434.9	47.5°	437.7	440.4	435.0	429.5	416.9	404.2	394.7	385.1	382.1	379.0
424.0	50°	424.1	424.3	417.3	410.3	399.0	387.6	378.7	369.6	364.8	360.0
416.6	52.5°	415.1	413.7	405.4	397.1	386.5	376.0	367.7	359.5	352.2	345.0
409.8	55°	407.7	405.6	396.8	388.0	378.8	369.6	360.7	351.8	341.5	331.2
402.5	57.5°	400.4	398.3	389.4	380.6	371.4	362.3	351.8	341.4	330.3	319.2
392.3	60°	390.0	387.7	378.8	369.9	360.6	351.4	339.4	327.4	317.6	307.9
376.2	62.5°	373.9	371.7	363.6	355.4	345.5	335.6	321.6	307.6	301.5	295.3
354.3	65°	352.1	349.8	342.7	335.5	326.0	316.5	301.5	286.5	284.2	281.8
329.4	67.5°	327.3	325.1	318.9	312.7	303.7	294.7	280.8	267.0	267.8	268.5
302.8	70°	300.7	298.6	293.0	287.4	279.6	271.9	259.7	247.5	250.1	252.7
273.5	72.5°	271.0	268.5	263.0	257.5	250.5	243.5	234.0	224.4	228.1	231.9
238.6	75°	236.0	233.4	228.4	223.4	217.0	210.7	203.6	196.4	200.1	203.7
204.8	77.5°	202.3	199.8	194.6	189.3	183.9	178.4	172.7	166.9	170.5	174.2
166.5	80°	163.2	160.0	156.0	152.0	147.4	142.8	138.0	133.2	136.3	139.4
124.3	82.5°	118.7	113.2	104.7	96.2	97.8	99.4	99.8	100.2	102.4	104.6
79.0	85°	72.1	65.2	57.2	49.2	53.7	58.1	60.2	62.3	64.7	67.2
34.2	87.5°	31.4	28.7	25.3	22.0	25.4	28.8	28.9	28.9	29.4	29.9
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
748.2	0°	748.2	748.2	748.2	748.2	748.2	748.2	748.2	748.2	748.2	748.2
734.9	2.5°	740.4	747.2	753.3	759.6	765.9	772.5	779.1	785.7	792.3	798.4
723.4	5°	733.8	745.7	757.8	770.6	783.4	797.0	810.7	824.3	837.9	851.5
717.6	7.5°	731.5	746.9	763.3	781.2	799.0	819.2	839.5	860.3	881.1	903.5
718.0	10°	732.6	749.2	769.5	790.6	811.7	836.3	860.9	888.3	915.8	944.2
722.1	12.5°	734.1	749.5	770.8	794.7	818.5	847.5	876.5	907.6	938.8	970.0
722.2	15°	727.9	740.3	763.9	791.5	819.2	852.5	885.9	919.7	953.5	986.0
711.4	17.5°	709.3	716.9	744.7	777.9	811.1	849.9	888.6	925.5	962.3	995.3
688.6	20°	678.8	680.9	713.2	754.4	795.6	842.5	889.5	930.0	970.5	1004.8
658.8	22.5°	644.3	640.4	677.2	726.8	776.4	833.5	890.6	936.1	981.5	1016.6
627.5	25°	610.8	600.2	637.9	696.0	754.1	824.6	895.2	947.1	999.0	1033.3
597.6	27.5°	581.5	568.6	603.0	667.8	732.7	818.7	904.7	964.3	1023.9	1056.8
568.5	30°	555.8	545.6	574.5	644.3	714.1	815.9	917.6	986.6	1055.6	1087.3
540.8	32.5°	533.2	528.7	552.0	624.0	696.0	812.4	928.8	1009.9	1091.0	1122.3
514.0	35°	511.9	513.8	533.1	604.0	674.9	805.9	937.0	1036.4	1135.8	1165.9
487.3	37.5°	489.6	496.4	513.3	580.5	647.8	794.8	941.9	1066.1	1190.4	1228.7
459.9	40°	465.1	475.6	490.9	552.5	614.1	779.5	945.0	1103.9	1262.7	1318.5
432.2	42.5°	439.1	452.3	466.5	521.6	576.7	763.7	950.8	1153.2	1355.6	1436.2
406.6	45°	413.3	426.1	440.4	488.8	537.1	749.1	961.1	1218.2	1475.3	1583.9
384.6	47.5°	390.2	401.2	419.7	462.8	505.8	737.0	968.1	1287.4	1606.6	1759.6
364.9	50°	369.9	382.7	407.1	445.5	484.0	723.8	963.5	1351.6	1739.6	1970.2
349.9	52.5°	354.8	372.7	400.6	434.2	467.7	701.4	935.2	1393.2	1851.2	2191.4
339.0	55°	346.8	373.7	399.7	425.9	452.1	664.5	876.8	1384.1	1891.3	2387.6
330.6	57.5°	341.9	374.7	397.6	416.2	434.7	612.3	790.0	1319.4	1848.9	2526.6
322.7	60°	337.4	371.5	386.7	401.2	415.8	544.6	673.5	1199.1	1724.7	2561.3
313.7	62.5°	332.1	363.8	365.6	375.3	384.9	463.6	542.3	1036.4	1530.5	2415.1
301.4	65°	321.0	345.1	344.9	349.4	354.0	390.7	427.4	870.4	1313.3	2208.1
284.8	67.5°	301.1	314.7	315.3	312.8	310.2	320.7	331.1	707.8	1084.4	1961.8
264.3	70°	275.9	280.4	280.4	268.6	256.7	253.8	250.8	557.3	863.7	1693.0
239.9	72.5°	247.8	247.8	245.0	228.2	211.4	202.4	193.4	426.0	658.6	1401.7
209.8	75°	216.0	217.0	204.1	185.3	166.5	158.4	150.2	309.2	468.2	1067.7
179.1	77.5°	184.0	184.6	163.2	145.0	126.8	121.2	115.6	209.5	303.4	747.3
143.5	80°	147.6	147.7	122.2	106.7	91.3	89.0	86.7	135.0	183.3	481.5
106.6	82.5°	108.6	107.4	85.6	74.2	62.8	62.4	62.0	83.0	104.2	278.7
69.3	85°	71.5	69.9	53.7	45.4	37.0	37.3	37.5	44.4	51.3	125.3
30.7	87.5°	31.6	29.6	22.8	19.4	16.0	16.2	16.4	18.4	20.4	41.1
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°
748.2	0°	748.2	748.2	748.2	748.2	748.2	748.2	748.2	748.2	748.2	748.2
804.6	2.5°	807.6	810.7	815.1	819.4	822.0	824.6	825.8	827.1	826.6	827.1
865.2	5°	875.8	886.5	897.1	907.7	913.4	919.2	922.6	926.1	928.8	926.1
926.0	7.5°	943.4	960.7	976.3	991.9	1001.3	1010.7	1015.7	1020.8	1023.2	1020.8
972.7	10°	993.2	1013.7	1032.0	1050.3	1061.4	1072.4	1077.3	1082.2	1084.1	1082.2
1001.3	12.5°	1023.5	1045.7	1062.2	1078.7	1086.7	1094.8	1097.5	1100.2	1100.5	1100.2
1018.6	15°	1037.8	1057.0	1067.3	1077.7	1078.0	1078.3	1075.4	1072.6	1069.2	1072.6
1028.4	17.5°	1041.3	1054.3	1054.5	1054.7	1043.0	1031.4	1020.8	1010.1	1002.6	1010.1
1039.2	20°	1043.7	1048.2	1034.6	1020.9	995.3	969.6	950.9	932.2	920.7	932.2
1051.6	22.5°	1045.7	1039.8	1011.6	983.3	945.6	907.8	884.4	861.1	848.4	861.1
1067.7	25°	1049.1	1030.4	987.5	944.6	898.8	852.9	828.3	803.8	791.8	803.8
1089.5	27.5°	1056.2	1022.8	966.0	909.2	858.4	807.6	783.4	759.2	747.9	759.2
1119.0	30°	1069.2	1019.5	949.6	879.6	826.7	773.7	751.3	728.9	718.3	728.9
1153.7	32.5°	1085.6	1017.5	938.4	859.2	809.5	759.7	742.1	724.5	716.9	724.5
1195.9	35°	1112.5	1029.2	946.7	864.3	829.7	795.2	791.1	787.0	786.4	787.0
1267.0	37.5°	1168.9	1070.8	995.9	921.0	918.7	916.5	935.3	954.0	963.8	954.0
1374.4	40°	1267.7	1161.0	1105.3	1049.6	1088.9	1128.2	1173.9	1219.5	1242.3	1219.5
1516.8	42.5°	1410.9	1305.1	1273.0	1240.9	1326.7	1412.5	1495.5	1578.5	1627.3	1578.5
1692.6	45°	1597.5	1502.5	1488.3	1474.1	1611.6	1749.0	1885.4	2021.9	2104.7	2021.9
1912.5	47.5°	1820.0	1727.5	1724.7	1721.8	1920.1	2118.3	2318.0	2517.7	2635.0	2517.7
2200.8	50°	2086.5	1972.3	1972.8	1973.3	2228.8	2484.3	2748.0	3011.6	3171.0	3011.6
2531.7	52.5°	2393.3	2255.0	2241.1	2227.0	2532.3	2837.5	3163.7	3489.9	3680.9	3489.9
2883.9	55°	2747.3	2610.6	2556.1	2501.6	2841.3	3180.9	3569.8	3958.7	4185.9	3958.7
3204.3	57.5°	3129.9	3055.5	2946.1	2836.8	3179.8	3522.8	3963.3	4403.7	4685.5	4403.7
3398.0	60°	3513.6	3629.2	3493.4	3357.6	3682.2	4006.8	4478.4	4950.0	5254.5	4950.0
3299.6	62.5°	3615.5	3931.3	3916.0	3900.7	4198.0	4495.4	4944.1	5392.8	5674.3	5392.8
3102.8	65°	3399.3	3695.7	3754.4	3813.0	4190.9	4568.8	5003.8	5438.9	5678.6	5438.9
2839.1	67.5°	3121.1	3403.0	3430.5	3458.0	3851.7	4245.4	4682.4	5119.3	5307.1	5119.3
2522.3	70°	2829.0	3135.7	3147.9	3160.3	3512.4	3864.4	4240.4	4616.4	4720.8	4616.4
2144.8	72.5°	2496.7	2848.6	2857.5	2866.3	3141.7	3417.2	3698.8	3980.4	3991.0	3980.4
1667.2	75°	2031.4	2395.6	2428.3	2461.0	2675.3	2889.7	3087.9	3286.2	3233.0	3286.2
1191.2	77.5°	1531.2	1871.2	1918.0	1964.8	2127.7	2290.6	2431.2	2571.8	2480.5	2571.8
779.6	80°	1065.7	1351.7	1409.8	1468.0	1591.1	1714.0	1787.9	1861.7	1714.9	1861.7
453.2	82.5°	648.7	844.3	909.3	974.3	1059.0	1143.7	1174.5	1205.2	1089.8	1205.2
199.4	85°	303.2	407.0	462.2	517.5	587.1	656.7	674.1	691.6	599.2	691.6
61.7	87.5°	96.6	131.5	162.3	193.2	228.0	262.8	264.2	265.7	223.1	265.7
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°
748.2	0°	748.2	748.2	748.2	748.2	748.2	748.2	748.2
825.8	2.5°	824.6	822.0	819.4	815.1	810.7	807.6	804.6
922.6	5°	919.2	913.4	907.7	897.1	886.5	875.8	865.2
1015.7	7.5°	1010.7	1001.3	991.9	976.3	960.7	943.4	926.0
1077.3	10°	1072.4	1061.4	1050.3	1032.0	1013.7	993.2	972.7
1097.5	12.5°	1094.8	1086.7	1078.7	1062.2	1045.7	1023.5	1001.3
1075.4	15°	1078.3	1078.0	1077.7	1067.3	1057.0	1037.8	1018.6
1020.8	17.5°	1031.4	1043.0	1054.7	1054.5	1054.3	1041.3	1028.4
950.9	20°	969.6	995.3	1020.9	1034.6	1048.2	1043.7	1039.2
884.4	22.5°	907.8	945.6	983.3	1011.6	1039.8	1045.7	1051.6
828.3	25°	852.9	898.8	944.6	987.5	1030.4	1049.1	1067.7
783.4	27.5°	807.6	858.4	909.2	966.0	1022.8	1056.2	1089.5
751.3	30°	773.7	826.7	879.6	949.6	1019.5	1069.2	1119.0
742.1	32.5°	759.7	809.5	859.2	938.4	1017.5	1085.6	1153.7
791.1	35°	795.2	829.7	864.3	946.7	1029.2	1112.5	1195.9
935.3	37.5°	916.5	918.7	921.0	995.9	1070.8	1168.9	1267.0
1173.9	40°	1128.2	1088.9	1049.6	1105.3	1161.0	1267.7	1374.4
1495.5	42.5°	1412.5	1326.7	1240.9	1273.0	1305.1	1410.9	1516.8
1885.4	45°	1749.0	1611.6	1474.1	1488.3	1502.5	1597.5	1692.6
2318.0	47.5°	2118.3	1920.1	1721.8	1724.7	1727.5	1820.0	1912.5
2748.0	50°	2484.3	2228.8	1973.3	1972.8	1972.3	2086.5	2200.8
3163.7	52.5°	2837.5	2532.3	2227.0	2241.1	2255.0	2393.3	2531.7
3569.8	55°	3180.9	2841.3	2501.6	2556.1	2610.6	2747.3	2883.9
3963.3	57.5°	3522.8	3179.8	2836.8	2946.1	3055.5	3129.9	3204.3
4478.4	60°	4006.8	3682.2	3357.6	3493.4	3629.2	3513.6	3398.0
4944.1	62.5°	4495.4	4198.0	3900.7	3916.0	3931.3	3615.5	3299.6
5003.8	65°	4568.8	4190.9	3813.0	3754.4	3695.7	3399.3	3102.8
4682.4	67.5°	4245.4	3851.7	3458.0	3430.5	3403.0	3121.1	2839.1
4240.4	70°	3864.4	3512.4	3160.3	3147.9	3135.7	2829.0	2522.3
3698.8	72.5°	3417.2	3141.7	2866.3	2857.5	2848.6	2496.7	2144.8
3087.9	75°	2889.7	2675.3	2461.0	2428.3	2395.6	2031.4	1667.2
2431.2	77.5°	2290.6	2127.7	1964.8	1918.0	1871.2	1531.2	1191.2
1787.9	80°	1714.0	1591.1	1468.0	1409.8	1351.7	1065.7	779.6
1174.5	82.5°	1143.7	1059.0	974.3	909.3	844.3	648.7	453.2
674.1	85°	656.7	587.1	517.5	462.2	407.0	303.2	199.4
264.2	87.5°	262.8	228.0	193.2	162.3	131.5	96.6	61.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)