

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: P945283

Luminaire Tested: **GALN-SB1B-740-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945283
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-740-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 4000K, 450mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5938 lumens
Efficiency: N/A
Efficacy: 149.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

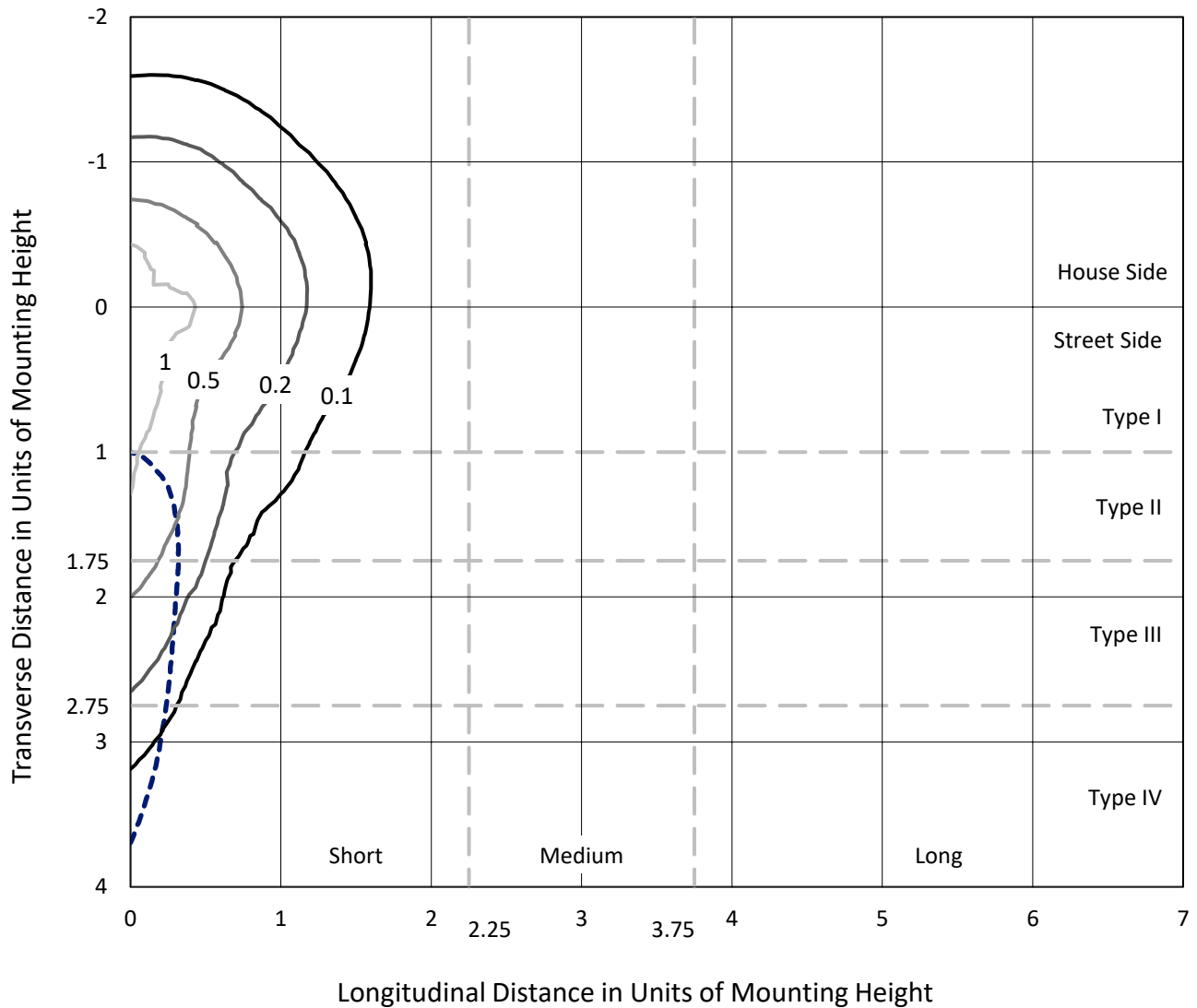
Input Watts (W): 39.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

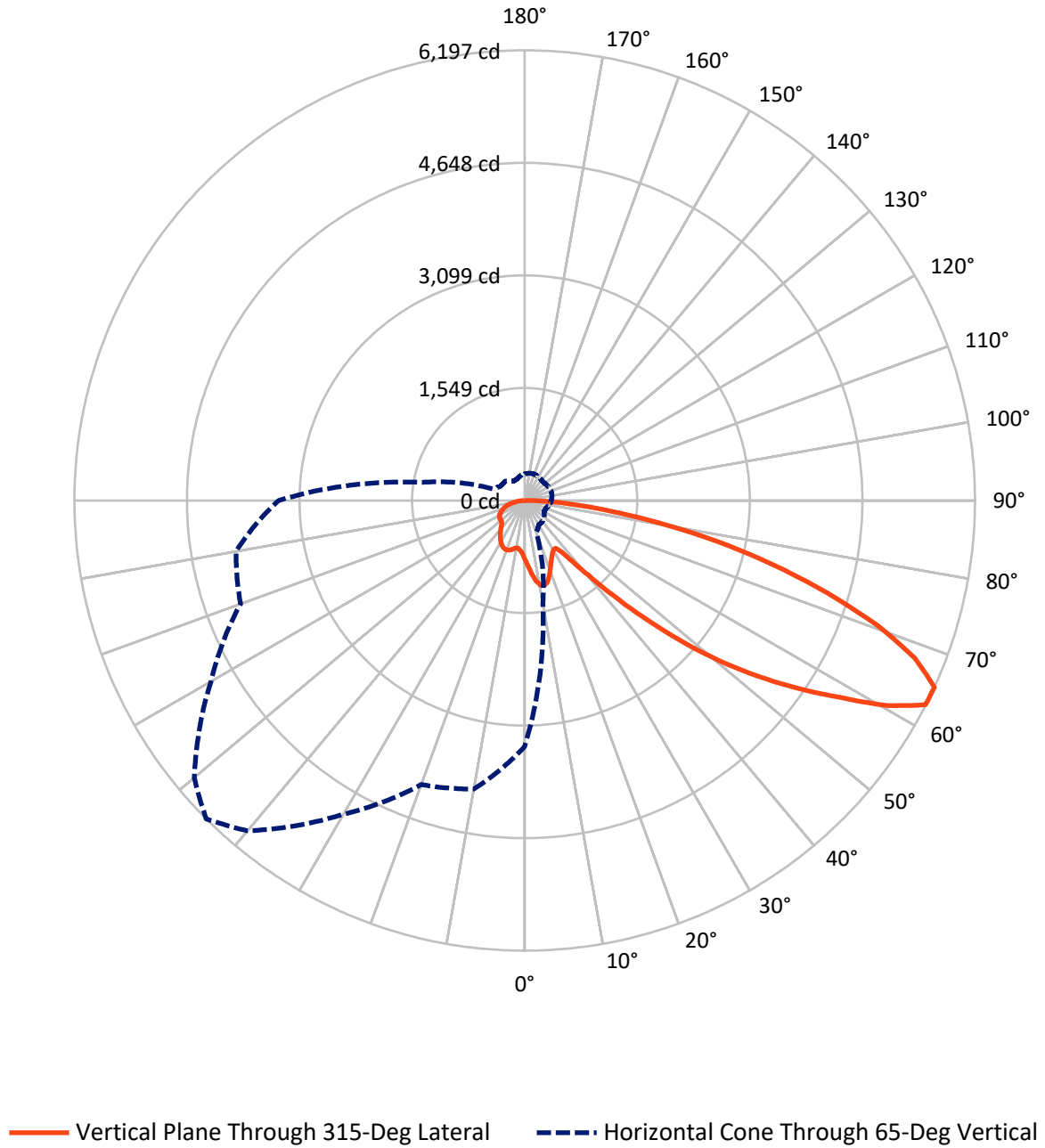
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.6 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	1509.1	0.0	1509.1
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	4428.9	0.0	4428.9
	% Fixture	74.6	0.0	74.6
Total	Lumens	5938.0	0.0	5938.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.0	1.4
10°-20°	254.3	4.3
20°-30°	392.8	6.6
30°-40°	497.7	8.4
40°-50°	750.7	12.6
50°-60°	1212.9	20.4
60°-70°	1512.0	25.5
70°-80°	991.5	16.7
80°-90°	245.1	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°	5938.0	100.0
0°-180°	5938.0	100.0

Coefficient of Utilization



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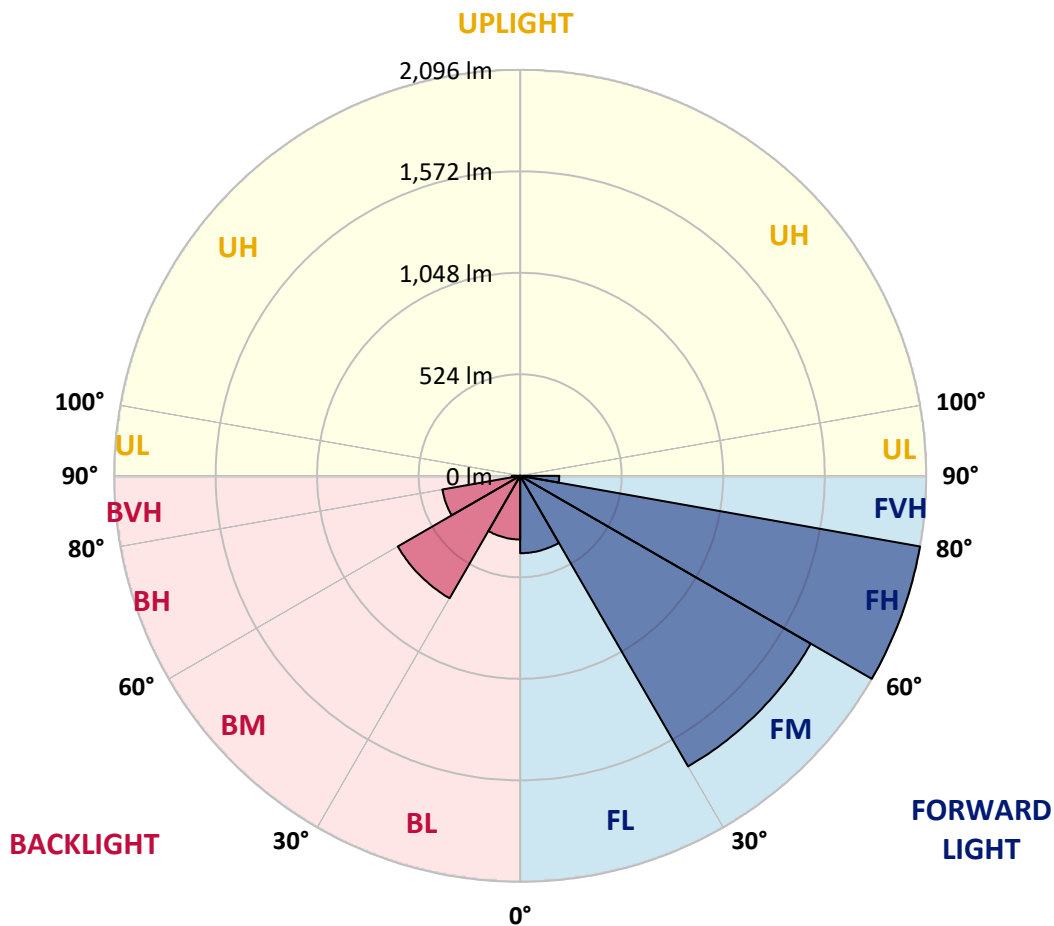
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	399.4	6.7			
FM (30°-60°)	1732.0	29.2			
FH (60°-80°)	2095.5	35.3			G2/5000
FVH (80°-90°)	201.9	3.4			G2/225
BL (0°-30°)	328.6	5.5	B1/500		
BM (30°-60°)	729.3	12.3	B1/1000		
BH (60°-80°)	408.0	6.9	B1/500		G1/500
BVH (80°-90°)	43.2	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°	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5
2.5°	878.1	871.4	864.6	857.4	850.3	843.1	835.9	829.0	822.1	815.4
5°	944.2	929.3	914.4	899.6	884.8	869.8	854.9	841.0	827.0	813.9
7.5°	1010.6	986.1	961.5	938.8	916.2	894.1	872.0	852.5	833.1	815.1
10°	1061.5	1030.5	999.4	969.5	939.5	912.7	885.8	862.8	839.8	817.6
12.5°	1092.7	1058.6	1024.5	990.5	956.6	924.9	893.3	867.3	841.2	817.9
15°	1111.7	1076.1	1040.6	1003.7	966.9	930.4	894.0	863.8	833.7	807.9
17.5°	1122.3	1086.3	1050.2	1010.0	969.8	927.5	885.2	849.0	812.7	782.4
20°	1134.1	1096.6	1059.1	1014.9	970.7	919.5	868.2	823.3	778.4	743.1
22.5°	1147.7	1109.4	1071.1	1021.6	972.0	909.6	847.3	793.2	739.1	698.9
25°	1165.3	1127.7	1090.2	1033.6	976.9	899.9	822.9	759.6	696.2	655.0
27.5°	1189.1	1153.3	1117.5	1052.4	987.3	893.4	799.6	728.8	658.0	620.5
30°	1221.2	1186.6	1152.0	1076.7	1001.5	890.4	779.3	703.1	627.0	595.5
32.5°	1259.1	1224.9	1190.6	1102.2	1013.7	886.6	759.6	681.0	602.4	577.0
35°	1305.2	1272.4	1239.6	1131.1	1022.6	879.6	736.6	659.2	581.8	560.7
37.5°	1382.7	1340.9	1299.1	1163.5	1028.0	867.4	706.9	633.6	560.2	541.7
40°	1499.9	1439.0	1378.1	1204.7	1031.3	850.7	670.2	603.0	535.8	519.0
42.5°	1655.3	1567.4	1479.5	1258.6	1037.7	833.5	629.4	569.2	509.1	493.6
45°	1847.2	1728.6	1610.0	1329.4	1048.9	817.5	586.2	533.4	480.6	465.0
47.5°	2087.2	1920.3	1753.4	1405.0	1056.5	804.3	552.0	505.0	458.1	437.9
50°	2401.8	2150.2	1898.5	1475.0	1051.5	789.9	528.2	486.2	444.2	417.7
52.5°	2762.9	2391.6	2020.3	1520.5	1020.7	765.5	510.4	473.8	437.2	406.7
55°	3147.4	2605.7	2064.0	1510.5	956.9	725.2	493.4	464.8	436.2	407.8
57.5°	3497.0	2757.4	2017.8	1439.9	862.1	668.3	474.4	454.2	434.0	408.9
60°	3708.4	2795.3	1882.2	1308.6	735.0	594.4	453.8	437.9	422.0	405.4
62.5°	3601.0	2635.7	1670.3	1131.0	591.8	506.0	420.1	409.5	399.0	397.0
65°	3386.3	2409.8	1433.3	949.9	466.5	426.4	386.3	381.3	376.4	376.6
67.5°	3098.5	2141.0	1183.5	772.4	361.3	350.0	338.5	341.3	344.1	343.4
70°	2752.7	1847.7	942.6	608.2	273.7	276.9	280.2	293.1	306.0	306.0
72.5°	2340.7	1529.7	718.8	464.9	211.1	220.9	230.8	249.1	267.3	270.4
75°	1819.5	1165.2	511.0	337.5	163.9	172.8	181.7	202.2	222.7	236.9
77.5°	1300.0	815.6	331.1	228.7	126.2	132.3	138.3	158.2	178.1	201.5
80°	850.8	525.4	200.1	147.3	94.6	97.1	99.6	116.5	133.3	161.2
82.5°	494.6	304.1	113.7	90.6	67.6	68.1	68.6	81.0	93.4	117.2
85°	217.6	136.8	56.0	48.4	40.9	40.7	40.4	49.5	58.6	76.3
87.5°	67.4	44.8	22.2	20.1	17.9	17.7	17.5	21.2	24.9	32.3
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°
816.5	0°	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5
808.0	2.5°	802.0	796.0	790.6	785.2	780.5	775.7	771.0	766.2	762.6	758.9
800.9	5°	789.5	778.1	768.6	759.1	750.7	742.3	734.7	727.1	721.2	715.3
798.3	7.5°	783.2	768.1	755.6	743.1	732.5	721.9	712.6	703.3	696.3	689.3
799.5	10°	783.6	767.7	755.2	742.6	731.3	719.9	709.4	698.9	690.5	682.2
801.1	12.5°	788.1	775.1	766.8	758.5	749.5	740.6	729.8	718.9	708.3	697.6
794.4	15°	788.2	782.0	783.1	784.3	781.9	779.6	770.2	760.8	745.6	730.4
774.1	17.5°	776.4	778.6	792.3	805.9	813.2	820.4	812.8	805.2	785.2	765.1
740.9	20°	751.5	762.2	785.9	809.6	824.8	840.0	836.5	833.0	810.0	787.1
703.2	22.5°	718.9	734.7	761.8	788.9	808.7	828.4	830.6	832.7	810.7	788.8
666.6	25°	684.8	702.9	727.3	751.7	771.1	790.6	797.9	805.1	787.1	769.2
634.6	27.5°	652.2	669.7	689.8	709.7	725.3	741.0	749.0	757.2	744.3	731.6
606.5	30°	620.4	634.4	651.0	667.6	680.6	693.5	700.1	706.7	697.0	687.2
581.9	32.5°	590.1	598.4	611.6	624.9	637.3	649.8	657.1	664.4	655.4	646.5
558.7	35°	560.9	563.2	573.3	583.4	595.7	608.0	616.8	625.6	619.2	612.8
534.3	37.5°	531.8	529.3	536.5	543.8	556.0	568.3	579.2	590.0	587.0	584.1
507.6	40°	501.9	496.2	501.5	506.7	518.6	530.4	542.9	555.4	556.1	556.8
479.2	42.5°	471.7	464.2	468.5	472.7	484.0	495.2	508.7	522.2	525.8	529.4
451.0	45°	443.7	436.4	440.0	443.6	454.3	464.9	478.9	492.9	498.0	503.2
425.9	47.5°	419.7	413.6	417.0	420.3	430.8	441.2	454.9	468.7	474.7	480.6
403.7	50°	398.3	392.8	398.1	403.4	413.2	423.1	435.4	447.7	455.4	463.0
387.2	52.5°	381.8	376.5	384.4	392.3	401.3	410.3	421.8	433.3	442.4	451.4
378.4	55°	369.9	361.4	372.7	383.9	393.6	403.3	413.4	423.5	433.0	442.7
373.2	57.5°	360.8	348.4	360.4	372.5	383.9	395.4	405.3	415.3	425.0	434.6
368.2	60°	352.1	336.0	346.7	357.3	370.4	383.4	393.6	403.7	413.4	423.1
362.5	62.5°	342.3	322.3	329.0	335.7	351.0	366.3	377.1	387.9	396.8	405.7
350.3	65°	328.9	307.5	310.1	312.7	329.1	345.4	355.8	366.1	374.0	381.8
328.6	67.5°	310.8	293.0	292.2	291.4	306.5	321.6	331.4	341.2	348.0	354.7
301.1	70°	288.4	275.8	273.0	270.1	283.4	296.7	305.2	313.6	319.7	325.9
270.5	72.5°	261.8	253.1	249.0	244.9	255.3	265.8	273.4	281.1	287.0	293.0
235.7	75°	229.0	222.3	218.4	214.4	222.1	229.9	236.8	243.8	249.2	254.7
200.8	77.5°	195.5	190.1	186.1	182.1	188.4	194.7	200.7	206.6	212.4	218.1
161.1	80°	156.6	152.1	148.8	145.4	150.6	155.9	160.9	165.9	170.3	174.6
118.5	82.5°	116.3	114.1	111.7	109.4	108.9	108.5	106.7	105.0	114.2	123.5
78.0	85°	75.7	73.3	70.7	68.0	65.7	63.4	58.6	53.7	62.4	71.1
34.5	87.5°	33.5	32.6	32.1	31.6	31.5	31.4	27.7	24.0	27.6	31.3
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°
816.5	0°	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5
755.9	2.5°	752.9	750.6	748.3	746.2	744.0	741.3	744.0	746.2	748.3	750.6
711.2	5°	707.1	704.2	701.3	699.1	696.8	694.6	696.8	699.1	701.3	704.2
684.4	7.5°	679.5	676.2	672.9	670.9	668.9	667.4	668.9	670.9	672.9	676.2
676.7	10°	671.2	668.0	664.9	663.2	661.5	660.8	661.5	663.2	664.9	668.0
690.6	12.5°	683.5	680.0	676.5	675.0	673.6	673.3	673.6	675.0	676.5	680.0
719.7	15°	709.0	704.1	699.2	697.3	695.4	695.3	695.4	697.3	699.2	704.1
749.3	17.5°	733.5	726.2	718.9	716.5	714.1	713.8	714.1	716.5	718.9	726.2
767.7	20°	748.4	739.1	729.7	726.8	723.8	722.8	723.8	726.8	729.7	739.1
768.9	22.5°	748.9	739.1	729.3	726.0	722.7	721.3	722.7	726.0	729.3	739.1
751.4	25°	733.7	725.2	716.7	713.6	710.6	708.7	710.6	713.6	716.7	725.2
717.8	27.5°	704.0	698.3	692.6	691.2	689.8	689.3	689.8	691.2	692.6	698.3
677.3	30°	667.4	664.5	661.6	661.6	661.6	662.1	661.6	661.6	661.6	664.5
638.6	32.5°	630.7	628.8	626.9	627.2	627.4	627.9	627.4	627.2	626.9	628.8
605.5	35°	598.3	595.4	592.5	591.9	591.2	590.9	591.2	591.9	592.5	595.4
577.4	37.5°	570.7	565.4	560.2	557.4	554.6	553.0	554.6	557.4	560.2	565.4
551.1	40°	545.4	537.7	530.1	524.9	519.7	516.7	519.7	524.9	530.1	537.7
524.6	42.5°	519.8	510.3	500.7	493.1	485.6	480.6	485.6	493.1	500.7	510.3
498.9	45°	494.6	483.6	472.7	463.9	455.0	449.3	455.0	463.9	472.7	483.6
477.6	47.5°	474.6	464.9	455.2	447.0	438.8	433.3	438.8	447.0	455.2	464.9
462.8	50°	462.7	454.9	447.2	439.6	432.0	426.7	432.0	439.6	447.2	454.9
453.1	52.5°	454.7	448.4	442.0	435.2	428.5	423.6	428.5	435.2	442.0	448.4
444.9	55°	447.2	441.7	436.1	430.2	424.2	419.9	424.2	430.2	436.1	441.7
436.9	57.5°	439.2	433.6	428.1	422.2	416.3	411.7	416.3	422.2	428.1	433.6
425.7	60°	428.2	422.7	417.3	411.2	405.1	400.4	405.1	411.2	417.3	422.7
408.1	62.5°	410.5	405.6	400.7	394.3	387.9	382.3	387.9	394.3	400.7	405.6
384.3	65°	386.7	382.0	377.2	371.0	364.9	360.0	364.9	371.0	377.2	382.0
357.2	67.5°	359.5	355.2	350.9	345.1	339.3	334.9	339.3	345.1	350.9	355.2
328.2	70°	330.5	327.0	323.4	317.9	312.4	307.4	312.4	317.9	323.4	327.0
295.8	72.5°	298.5	295.6	292.6	287.4	282.1	277.3	282.1	287.4	292.6	295.6
257.6	75°	260.4	259.0	257.6	253.1	248.7	244.1	248.7	253.1	257.6	259.0
220.8	77.5°	223.5	221.5	219.4	214.9	210.5	206.8	210.5	214.9	219.4	221.5
178.2	80°	181.7	180.9	180.0	174.0	168.0	161.0	168.0	174.0	180.0	180.9
129.6	82.5°	135.7	135.3	134.9	129.8	124.8	120.3	124.8	129.8	134.9	135.3
78.6	85°	86.2	85.5	84.9	81.0	77.0	73.0	77.0	81.0	84.9	85.5
34.3	87.5°	37.3	36.6	35.8	33.8	31.7	29.8	31.7	33.8	35.8	36.6
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°
816.5	0°	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5
752.9	2.5°	755.9	758.9	762.6	766.2	771.0	775.7	780.5	785.2	790.6	796.0
707.1	5°	711.2	715.3	721.2	727.1	734.7	742.3	750.7	759.1	768.6	778.1
679.5	7.5°	684.4	689.3	696.3	703.3	712.6	721.9	732.5	743.1	755.6	768.1
671.2	10°	676.7	682.2	690.5	698.9	709.4	719.9	731.3	742.6	755.2	767.7
683.5	12.5°	690.6	697.6	708.3	718.9	729.8	740.6	749.5	758.5	766.8	775.1
709.0	15°	719.7	730.4	745.6	760.8	770.2	779.6	781.9	784.3	783.1	782.0
733.5	17.5°	749.3	765.1	785.2	805.2	812.8	820.4	813.2	805.9	792.3	778.6
748.4	20°	767.7	787.1	810.0	833.0	836.5	840.0	824.8	809.6	785.9	762.2
748.9	22.5°	768.9	788.8	810.7	832.7	830.6	828.4	808.7	788.9	761.8	734.7
733.7	25°	751.4	769.2	787.1	805.1	797.9	790.6	771.1	751.7	727.3	702.9
704.0	27.5°	717.8	731.6	744.3	757.2	749.0	741.0	725.3	709.7	689.8	669.7
667.4	30°	677.3	687.2	697.0	706.7	700.1	693.5	680.6	667.6	651.0	634.4
630.7	32.5°	638.6	646.5	655.4	664.4	657.1	649.8	637.3	624.9	611.6	598.4
598.3	35°	605.5	612.8	619.2	625.6	616.8	608.0	595.7	583.4	573.3	563.2
570.7	37.5°	577.4	584.1	587.0	590.0	579.2	568.3	556.0	543.8	536.5	529.3
545.4	40°	551.1	556.8	556.1	555.4	542.9	530.4	518.6	506.7	501.5	496.2
519.8	42.5°	524.6	529.4	525.8	522.2	508.7	495.2	484.0	472.7	468.5	464.2
494.6	45°	498.9	503.2	498.0	492.9	478.9	464.9	454.3	443.6	440.0	436.4
474.6	47.5°	477.6	480.6	474.7	468.7	454.9	441.2	430.8	420.3	417.0	413.6
462.7	50°	462.8	463.0	455.4	447.7	435.4	423.1	413.2	403.4	398.1	392.8
454.7	52.5°	453.1	451.4	442.4	433.3	421.8	410.3	401.3	392.3	384.4	376.5
447.2	55°	444.9	442.7	433.0	423.5	413.4	403.3	393.6	383.9	372.7	361.4
439.2	57.5°	436.9	434.6	425.0	415.3	405.3	395.4	383.9	372.5	360.4	348.4
428.2	60°	425.7	423.1	413.4	403.7	393.6	383.4	370.4	357.3	346.7	336.0
410.5	62.5°	408.1	405.7	396.8	387.9	377.1	366.3	351.0	335.7	329.0	322.3
386.7	65°	384.3	381.8	374.0	366.1	355.8	345.4	329.1	312.7	310.1	307.5
359.5	67.5°	357.2	354.7	348.0	341.2	331.4	321.6	306.5	291.4	292.2	293.0
330.5	70°	328.2	325.9	319.7	313.6	305.2	296.7	283.4	270.1	273.0	275.8
298.5	72.5°	295.8	293.0	287.0	281.1	273.4	265.8	255.3	244.9	249.0	253.1
260.4	75°	257.6	254.7	249.2	243.8	236.8	229.9	222.1	214.4	218.4	222.3
223.5	77.5°	220.8	218.1	212.4	206.6	200.7	194.7	188.4	182.1	186.1	190.1
181.7	80°	178.2	174.6	170.3	165.9	160.9	155.9	150.6	145.4	148.8	152.1
135.7	82.5°	129.6	123.5	114.2	105.0	106.7	108.5	108.9	109.4	111.7	114.1
86.2	85°	78.6	71.1	62.4	53.7	58.6	63.4	65.7	68.0	70.7	73.3
37.3	87.5°	34.3	31.3	27.6	24.0	27.7	31.4	31.5	31.6	32.1	32.6
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
816.5	0°	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5
802.0	2.5°	808.0	815.4	822.1	829.0	835.9	843.1	850.3	857.4	864.6	871.4
789.5	5°	800.9	813.9	827.0	841.0	854.9	869.8	884.8	899.6	914.4	929.3
783.2	7.5°	798.3	815.1	833.1	852.5	872.0	894.1	916.2	938.8	961.5	986.1
783.6	10°	799.5	817.6	839.8	862.8	885.8	912.7	939.5	969.5	999.4	1030.5
788.1	12.5°	801.1	817.9	841.2	867.3	893.3	924.9	956.6	990.5	1024.5	1058.6
788.2	15°	794.4	807.9	833.7	863.8	894.0	930.4	966.9	1003.7	1040.6	1076.1
776.4	17.5°	774.1	782.4	812.7	849.0	885.2	927.5	969.8	1010.0	1050.2	1086.3
751.5	20°	740.9	743.1	778.4	823.3	868.2	919.5	970.7	1014.9	1059.1	1096.6
718.9	22.5°	703.2	698.9	739.1	793.2	847.3	909.6	972.0	1021.6	1071.1	1109.4
684.8	25°	666.6	655.0	696.2	759.6	822.9	899.9	976.9	1033.6	1090.2	1127.7
652.2	27.5°	634.6	620.5	658.0	728.8	799.6	893.4	987.3	1052.4	1117.5	1153.3
620.4	30°	606.5	595.5	627.0	703.1	779.3	890.4	1001.5	1076.7	1152.0	1186.6
590.1	32.5°	581.9	577.0	602.4	681.0	759.6	886.6	1013.7	1102.2	1190.6	1224.9
560.9	35°	558.7	560.7	581.8	659.2	736.6	879.6	1022.6	1131.1	1239.6	1272.4
531.8	37.5°	534.3	541.7	560.2	633.6	706.9	867.4	1028.0	1163.5	1299.1	1340.9
501.9	40°	507.6	519.0	535.8	603.0	670.2	850.7	1031.3	1204.7	1378.1	1439.0
471.7	42.5°	479.2	493.6	509.1	569.2	629.4	833.5	1037.7	1258.6	1479.5	1567.4
443.7	45°	451.0	465.0	480.6	533.4	586.2	817.5	1048.9	1329.4	1610.0	1728.6
419.7	47.5°	425.9	437.9	458.1	505.0	552.0	804.3	1056.5	1405.0	1753.4	1920.3
398.3	50°	403.7	417.7	444.2	486.2	528.2	789.9	1051.5	1475.0	1898.5	2150.2
381.8	52.5°	387.2	406.7	437.2	473.8	510.4	765.5	1020.7	1520.5	2020.3	2391.6
369.9	55°	378.4	407.8	436.2	464.8	493.4	725.2	956.9	1510.5	2064.0	2605.7
360.8	57.5°	373.2	408.9	434.0	454.2	474.4	668.3	862.1	1439.9	2017.8	2757.4
352.1	60°	368.2	405.4	422.0	437.9	453.8	594.4	735.0	1308.6	1882.2	2795.3
342.3	62.5°	362.5	397.0	399.0	409.5	420.1	506.0	591.8	1131.0	1670.3	2635.7
328.9	65°	350.3	376.6	376.4	381.3	386.3	426.4	466.5	949.9	1433.3	2409.8
310.8	67.5°	328.6	343.4	344.1	341.3	338.5	350.0	361.3	772.4	1183.5	2141.0
288.4	70°	301.1	306.0	306.0	293.1	280.2	276.9	273.7	608.2	942.6	1847.7
261.8	72.5°	270.5	270.4	267.3	249.1	230.8	220.9	211.1	464.9	718.8	1529.7
229.0	75°	235.7	236.9	222.7	202.2	181.7	172.8	163.9	337.5	511.0	1165.2
195.5	77.5°	200.8	201.5	178.1	158.2	138.3	132.3	126.2	228.7	331.1	815.6
156.6	80°	161.1	161.2	133.3	116.5	99.6	97.1	94.6	147.3	200.1	525.4
116.3	82.5°	118.5	117.2	93.4	81.0	68.6	68.1	67.6	90.6	113.7	304.1
75.7	85°	78.0	76.3	58.6	49.5	40.4	40.7	40.9	48.4	56.0	136.8
33.5	87.5°	34.5	32.3	24.9	21.2	17.5	17.7	17.9	20.1	22.2	44.8
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
816.5	0°	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5
878.1	2.5°	881.4	884.8	889.5	894.2	897.1	899.9	901.3	902.7	902.1	902.7
944.2	5°	955.8	967.5	979.0	990.6	996.8	1003.1	1006.9	1010.7	1013.6	1010.7
1010.6	7.5°	1029.6	1048.4	1065.5	1082.5	1092.7	1103.0	1108.5	1114.0	1116.7	1114.0
1061.5	10°	1083.9	1106.3	1126.2	1146.2	1158.3	1170.3	1175.7	1181.1	1183.1	1181.1
1092.7	12.5°	1117.0	1141.2	1159.2	1177.2	1186.0	1194.8	1197.7	1200.7	1201.0	1200.7
1111.7	15°	1132.6	1153.5	1164.8	1176.2	1176.5	1176.8	1173.7	1170.5	1166.8	1170.5
1122.3	17.5°	1136.5	1150.6	1150.8	1151.0	1138.3	1125.6	1114.0	1102.3	1094.1	1102.3
1134.1	20°	1139.0	1144.0	1129.1	1114.2	1086.2	1058.2	1037.8	1017.4	1004.8	1017.4
1147.7	22.5°	1141.3	1134.8	1104.0	1073.1	1031.9	990.7	965.2	939.7	925.9	939.7
1165.3	25°	1144.9	1124.5	1077.7	1030.9	980.9	930.8	904.0	877.2	864.2	877.2
1189.1	27.5°	1152.7	1116.2	1054.2	992.2	936.8	881.3	854.9	828.6	816.2	828.6
1221.2	30°	1166.9	1112.6	1036.3	960.0	902.2	844.4	819.9	795.5	783.9	795.5
1259.1	32.5°	1184.7	1110.4	1024.1	937.7	883.4	829.1	809.9	790.7	782.4	790.7
1305.2	35°	1214.2	1123.2	1033.2	943.3	905.5	867.8	863.4	858.9	858.2	858.9
1382.7	37.5°	1275.7	1168.6	1086.9	1005.1	1002.6	1000.2	1020.7	1041.2	1051.8	1041.2
1499.9	40°	1383.5	1267.1	1206.3	1145.5	1188.4	1231.3	1281.1	1330.9	1355.8	1330.9
1655.3	42.5°	1539.8	1424.3	1389.3	1354.3	1447.9	1541.5	1632.1	1722.7	1775.9	1722.7
1847.2	45°	1743.5	1639.7	1624.2	1608.8	1758.8	1908.8	2057.7	2206.6	2297.0	2206.6
2087.2	47.5°	1986.3	1885.3	1882.2	1879.1	2095.5	2311.8	2529.8	2747.7	2875.7	2747.7
2401.8	50°	2277.1	2152.5	2153.0	2153.5	2432.4	2711.3	2999.0	3286.7	3460.7	3286.7
2762.9	52.5°	2611.9	2461.0	2445.8	2430.5	2763.6	3096.7	3452.7	3808.6	4017.1	3808.6
3147.4	55°	2998.2	2849.1	2789.6	2730.1	3100.8	3471.5	3895.9	4320.3	4568.3	4320.3
3497.0	57.5°	3415.8	3334.6	3215.2	3095.9	3470.2	3844.6	4325.3	4805.9	5113.5	4805.9
3708.4	60°	3834.5	3960.7	3812.5	3664.3	4018.5	4372.8	4887.4	5402.1	5734.5	5402.1
3601.0	62.5°	3945.7	4290.4	4273.7	4257.0	4581.5	4906.1	5395.7	5885.3	6192.6	5885.3
3386.3	65°	3709.8	4033.3	4097.3	4161.3	4573.7	4986.1	5460.9	5935.7	6197.3	5935.7
3098.5	67.5°	3406.2	3713.8	3743.9	3773.8	4203.5	4633.2	5110.1	5586.9	5791.8	5586.9
2752.7	70°	3087.4	3422.1	3435.5	3448.9	3833.2	4217.4	4627.8	5038.1	5152.0	5038.1
2340.7	72.5°	2724.7	3108.8	3118.5	3128.1	3428.7	3729.4	4036.7	4344.0	4355.5	4344.0
1819.5	75°	2217.0	2614.5	2650.1	2685.8	2919.7	3153.6	3370.0	3586.3	3528.4	3586.3
1300.0	77.5°	1671.0	2042.1	2093.2	2144.2	2322.1	2499.9	2653.3	2806.8	2707.1	2806.8
850.8	80°	1163.0	1475.1	1538.6	1602.1	1736.4	1870.6	1951.2	2031.8	1871.5	2031.8
494.6	82.5°	708.0	921.4	992.3	1063.3	1155.7	1248.1	1281.8	1315.3	1189.4	1315.3
217.6	85°	330.9	444.1	504.5	564.8	640.7	716.6	735.7	754.8	653.9	754.8
67.4	87.5°	105.4	143.5	177.2	210.8	248.8	286.8	288.4	290.0	243.5	290.0
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):

325°		330°	335°	340°	345°	350°	355°	360°
816.5	0°	816.5	816.5	816.5	816.5	816.5	816.5	816.5
901.3	2.5°	899.9	897.1	894.2	889.5	884.8	881.4	878.1
1006.9	5°	1003.1	996.8	990.6	979.0	967.5	955.8	944.2
1108.5	7.5°	1103.0	1092.7	1082.5	1065.5	1048.4	1029.6	1010.6
1175.7	10°	1170.3	1158.3	1146.2	1126.2	1106.3	1083.9	1061.5
1197.7	12.5°	1194.8	1186.0	1177.2	1159.2	1141.2	1117.0	1092.7
1173.7	15°	1176.8	1176.5	1176.2	1164.8	1153.5	1132.6	1111.7
1114.0	17.5°	1125.6	1138.3	1151.0	1150.8	1150.6	1136.5	1122.3
1037.8	20°	1058.2	1086.2	1114.2	1129.1	1144.0	1139.0	1134.1
965.2	22.5°	990.7	1031.9	1073.1	1104.0	1134.8	1141.3	1147.7
904.0	25°	930.8	980.9	1030.9	1077.7	1124.5	1144.9	1165.3
854.9	27.5°	881.3	936.8	992.2	1054.2	1116.2	1152.7	1189.1
819.9	30°	844.4	902.2	960.0	1036.3	1112.6	1166.9	1221.2
809.9	32.5°	829.1	883.4	937.7	1024.1	1110.4	1184.7	1259.1
863.4	35°	867.8	905.5	943.3	1033.2	1123.2	1214.2	1305.2
1020.7	37.5°	1000.2	1002.6	1005.1	1086.9	1168.6	1275.7	1382.7
1281.1	40°	1231.3	1188.4	1145.5	1206.3	1267.1	1383.5	1499.9
1632.1	42.5°	1541.5	1447.9	1354.3	1389.3	1424.3	1539.8	1655.3
2057.7	45°	1908.8	1758.8	1608.8	1624.2	1639.7	1743.5	1847.2
2529.8	47.5°	2311.8	2095.5	1879.1	1882.2	1885.3	1986.3	2087.2
2999.0	50°	2711.3	2432.4	2153.5	2153.0	2152.5	2277.1	2401.8
3452.7	52.5°	3096.7	2763.6	2430.5	2445.8	2461.0	2611.9	2762.9
3895.9	55°	3471.5	3100.8	2730.1	2789.6	2849.1	2998.2	3147.4
4325.3	57.5°	3844.6	3470.2	3095.9	3215.2	3334.6	3415.8	3497.0
4887.4	60°	4372.8	4018.5	3664.3	3812.5	3960.7	3834.5	3708.4
5395.7	62.5°	4906.1	4581.5	4257.0	4273.7	4290.4	3945.7	3601.0
5460.9	65°	4986.1	4573.7	4161.3	4097.3	4033.3	3709.8	3386.3
5110.1	67.5°	4633.2	4203.5	3773.8	3743.9	3713.8	3406.2	3098.5
4627.8	70°	4217.4	3833.2	3448.9	3435.5	3422.1	3087.4	2752.7
4036.7	72.5°	3729.4	3428.7	3128.1	3118.5	3108.8	2724.7	2340.7
3370.0	75°	3153.6	2919.7	2685.8	2650.1	2614.5	2217.0	1819.5
2653.3	77.5°	2499.9	2322.1	2144.2	2093.2	2042.1	1671.0	1300.0
1951.2	80°	1870.6	1736.4	1602.1	1538.6	1475.1	1163.0	850.8
1281.8	82.5°	1248.1	1155.7	1063.3	992.3	921.4	708.0	494.6
735.7	85°	716.6	640.7	564.8	504.5	444.1	330.9	217.6
288.4	87.5°	286.8	248.8	210.8	177.2	143.5	105.4	67.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)