

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: P945302

Luminaire Tested: **GALN-SB1B-750-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945302
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-750-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 5000K, 450mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT 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

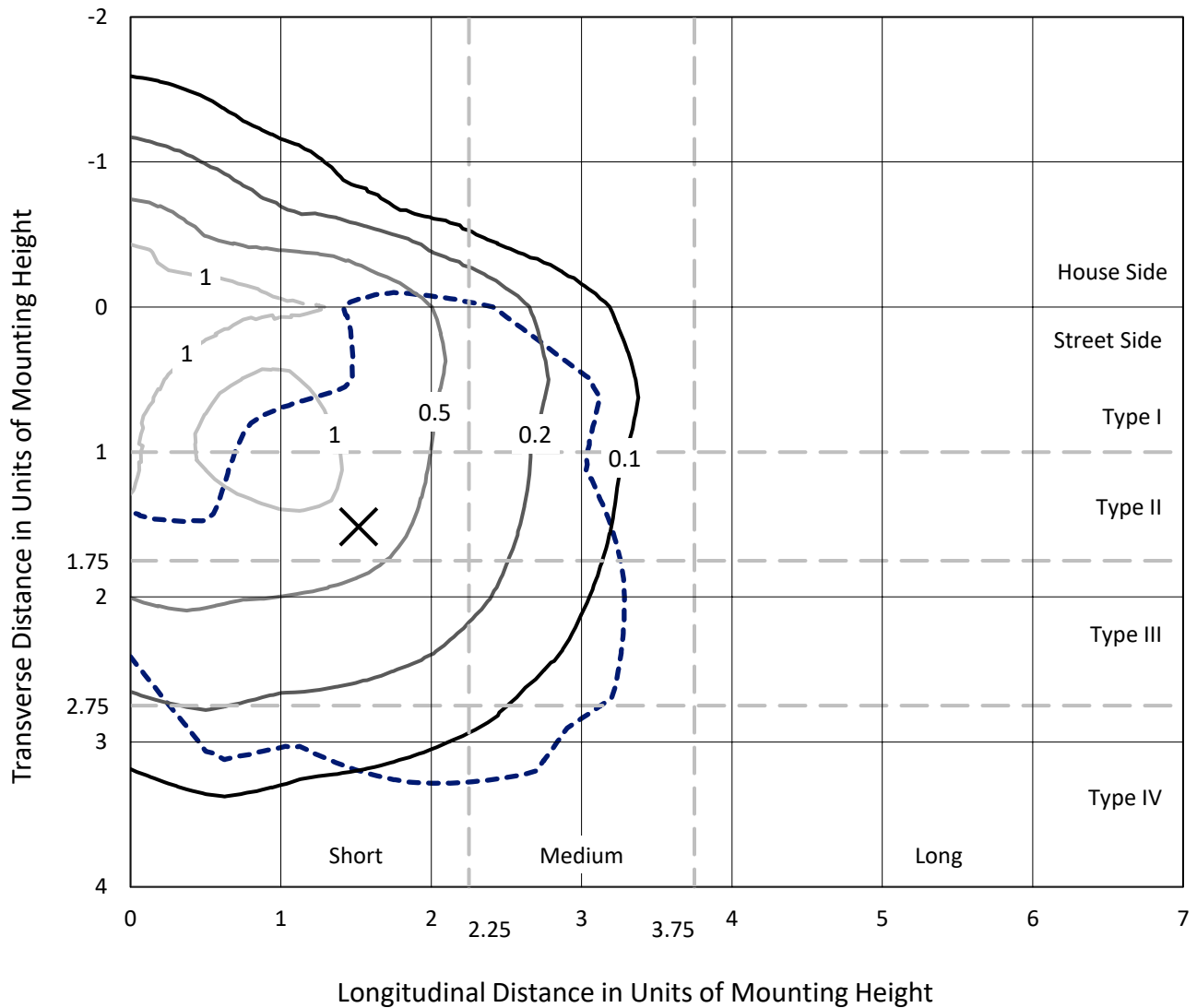
Input Watts (W): 39.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

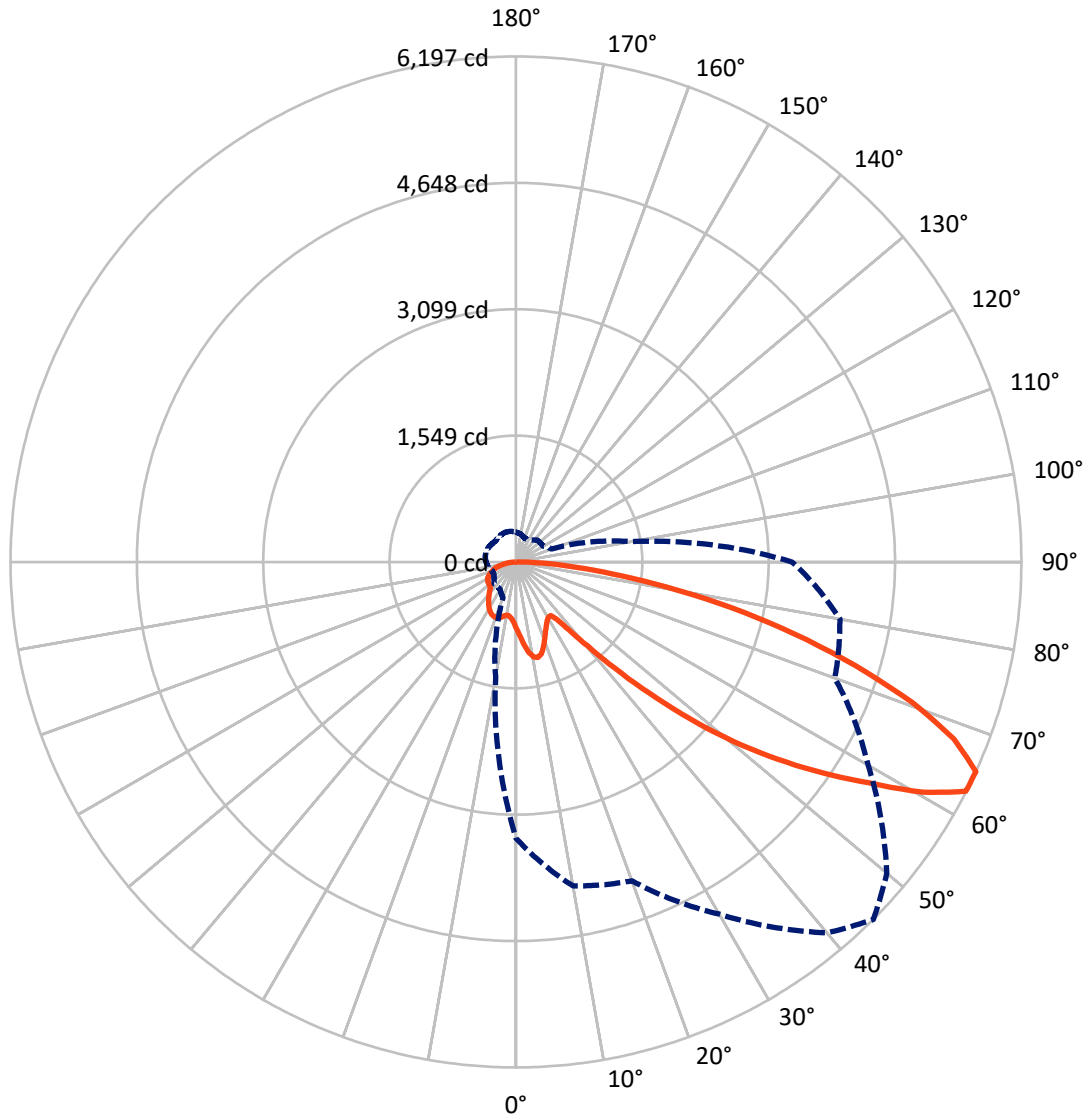
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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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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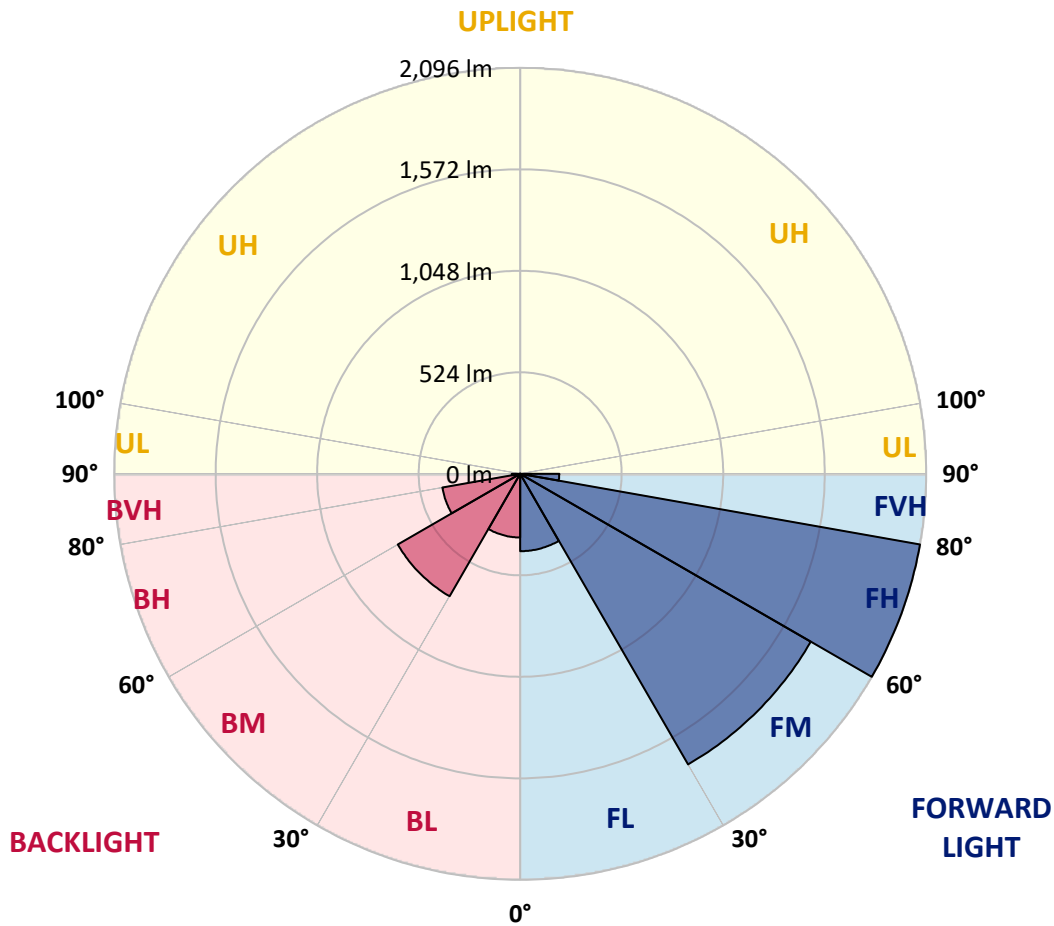
CATALOG NUMBER: GALN-SB1B-750-U-SLL

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	881.4	884.8	889.5	894.2	897.1	899.9	901.3	902.7	902.1
5°	944.2	955.8	967.5	979.0	990.6	996.8	1003.1	1006.9	1010.7	1013.6
7.5°	1010.6	1029.6	1048.4	1065.5	1082.5	1092.7	1103.0	1108.5	1114.0	1116.7
10°	1061.5	1083.9	1106.3	1126.2	1146.2	1158.3	1170.3	1175.7	1181.1	1183.1
12.5°	1092.7	1117.0	1141.2	1159.2	1177.2	1186.0	1194.8	1197.7	1200.7	1201.0
15°	1111.7	1132.6	1153.5	1164.8	1176.2	1176.5	1176.8	1173.7	1170.5	1166.8
17.5°	1122.3	1136.5	1150.6	1150.8	1151.0	1138.3	1125.6	1114.0	1102.3	1094.1
20°	1134.1	1139.0	1144.0	1129.1	1114.2	1086.2	1058.2	1037.8	1017.4	1004.8
22.5°	1147.7	1141.3	1134.8	1104.0	1073.1	1031.9	990.7	965.2	939.7	925.9
25°	1165.3	1144.9	1124.5	1077.7	1030.9	980.9	930.8	904.0	877.2	864.2
27.5°	1189.1	1152.7	1116.2	1054.2	992.2	936.8	881.3	854.9	828.6	816.2
30°	1221.2	1166.9	1112.6	1036.3	960.0	902.2	844.4	819.9	795.5	783.9
32.5°	1259.1	1184.7	1110.4	1024.1	937.7	883.4	829.1	809.9	790.7	782.4
35°	1305.2	1214.2	1123.2	1033.2	943.3	905.5	867.8	863.4	858.9	858.2
37.5°	1382.7	1275.7	1168.6	1086.9	1005.1	1002.6	1000.2	1020.7	1041.2	1051.8
40°	1499.9	1383.5	1267.1	1206.3	1145.5	1188.4	1231.3	1281.1	1330.9	1355.8
42.5°	1655.3	1539.8	1424.3	1389.3	1354.3	1447.9	1541.5	1632.1	1722.7	1775.9
45°	1847.2	1743.5	1639.7	1624.2	1608.8	1758.8	1908.8	2057.7	2206.6	2297.0
47.5°	2087.2	1986.3	1885.3	1882.2	1879.1	2095.5	2311.8	2529.8	2747.7	2875.7
50°	2401.8	2277.1	2152.5	2153.0	2153.5	2432.4	2711.3	2999.0	3286.7	3460.7
52.5°	2762.9	2611.9	2461.0	2445.8	2430.5	2763.6	3096.7	3452.7	3808.6	4017.1
55°	3147.4	2998.2	2849.1	2789.6	2730.1	3100.8	3471.5	3895.9	4320.3	4568.3
57.5°	3497.0	3415.8	3334.6	3215.2	3095.9	3470.2	3844.6	4325.3	4805.9	5113.5
60°	3708.4	3834.5	3960.7	3812.5	3664.3	4018.5	4372.8	4887.4	5402.1	5734.5
62.5°	3601.0	3945.7	4290.4	4273.7	4257.0	4581.5	4906.1	5395.7	5885.3	6192.6
65°	3386.3	3709.8	4033.3	4097.3	4161.3	4573.7	4986.1	5460.9	5935.7	6197.3
67.5°	3098.5	3406.2	3713.8	3743.9	3773.8	4203.5	4633.2	5110.1	5586.9	5791.8
70°	2752.7	3087.4	3422.1	3435.5	3448.9	3833.2	4217.4	4627.8	5038.1	5152.0
72.5°	2340.7	2724.7	3108.8	3118.5	3128.1	3428.7	3729.4	4036.7	4344.0	4355.5
75°	1819.5	2217.0	2614.5	2650.1	2685.8	2919.7	3153.6	3370.0	3586.3	3528.4
77.5°	1300.0	1671.0	2042.1	2093.2	2144.2	2322.1	2499.9	2653.3	2806.8	2707.1
80°	850.8	1163.0	1475.1	1538.6	1602.1	1736.4	1870.6	1951.2	2031.8	1871.5
82.5°	494.6	708.0	921.4	992.3	1063.3	1155.7	1248.1	1281.8	1315.3	1189.4
85°	217.6	330.9	444.1	504.5	564.8	640.7	716.6	735.7	754.8	653.9
87.5°	67.4	105.4	143.5	177.2	210.8	248.8	286.8	288.4	290.0	243.5
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°
816.5	0°	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5
902.7	2.5°	901.3	899.9	897.1	894.2	889.5	884.8	881.4	878.1	871.4	864.6
1010.7	5°	1006.9	1003.1	996.8	990.6	979.0	967.5	955.8	944.2	929.3	914.4
1114.0	7.5°	1108.5	1103.0	1092.7	1082.5	1065.5	1048.4	1029.6	1010.6	986.1	961.5
1181.1	10°	1175.7	1170.3	1158.3	1146.2	1126.2	1106.3	1083.9	1061.5	1030.5	999.4
1200.7	12.5°	1197.7	1194.8	1186.0	1177.2	1159.2	1141.2	1117.0	1092.7	1058.6	1024.5
1170.5	15°	1173.7	1176.8	1176.5	1176.2	1164.8	1153.5	1132.6	1111.7	1076.1	1040.6
1102.3	17.5°	1114.0	1125.6	1138.3	1151.0	1150.8	1150.6	1136.5	1122.3	1086.3	1050.2
1017.4	20°	1037.8	1058.2	1086.2	1114.2	1129.1	1144.0	1139.0	1134.1	1096.6	1059.1
939.7	22.5°	965.2	990.7	1031.9	1073.1	1104.0	1134.8	1141.3	1147.7	1109.4	1071.1
877.2	25°	904.0	930.8	980.9	1030.9	1077.7	1124.5	1144.9	1165.3	1127.7	1090.2
828.6	27.5°	854.9	881.3	936.8	992.2	1054.2	1116.2	1152.7	1189.1	1153.3	1117.5
795.5	30°	819.9	844.4	902.2	960.0	1036.3	1112.6	1166.9	1221.2	1186.6	1152.0
790.7	32.5°	809.9	829.1	883.4	937.7	1024.1	1110.4	1184.7	1259.1	1224.9	1190.6
858.9	35°	863.4	867.8	905.5	943.3	1033.2	1123.2	1214.2	1305.2	1272.4	1239.6
1041.2	37.5°	1020.7	1000.2	1002.6	1005.1	1086.9	1168.6	1275.7	1382.7	1340.9	1299.1
1330.9	40°	1281.1	1231.3	1188.4	1145.5	1206.3	1267.1	1383.5	1499.9	1439.0	1378.1
1722.7	42.5°	1632.1	1541.5	1447.9	1354.3	1389.3	1424.3	1539.8	1655.3	1567.4	1479.5
2206.6	45°	2057.7	1908.8	1758.8	1608.8	1624.2	1639.7	1743.5	1847.2	1728.6	1610.0
2747.7	47.5°	2529.8	2311.8	2095.5	1879.1	1882.2	1885.3	1986.3	2087.2	1920.3	1753.4
3286.7	50°	2999.0	2711.3	2432.4	2153.5	2153.0	2152.5	2277.1	2401.8	2150.2	1898.5
3808.6	52.5°	3452.7	3096.7	2763.6	2430.5	2445.8	2461.0	2611.9	2762.9	2391.6	2020.3
4320.3	55°	3895.9	3471.5	3100.8	2730.1	2789.6	2849.1	2998.2	3147.4	2605.7	2064.0
4805.9	57.5°	4325.3	3844.6	3470.2	3095.9	3215.2	3334.6	3415.8	3497.0	2757.4	2017.8
5402.1	60°	4887.4	4372.8	4018.5	3664.3	3812.5	3960.7	3834.5	3708.4	2795.3	1882.2
5885.3	62.5°	5395.7	4906.1	4581.5	4257.0	4273.7	4290.4	3945.7	3601.0	2635.7	1670.3
5935.7	65°	5460.9	4986.1	4573.7	4161.3	4097.3	4033.3	3709.8	3386.3	2409.8	1433.3
5586.9	67.5°	5110.1	4633.2	4203.5	3773.8	3743.9	3713.8	3406.2	3098.5	2141.0	1183.5
5038.1	70°	4627.8	4217.4	3833.2	3448.9	3435.5	3422.1	3087.4	2752.7	1847.7	942.6
4344.0	72.5°	4036.7	3729.4	3428.7	3128.1	3118.5	3108.8	2724.7	2340.7	1529.7	718.8
3586.3	75°	3370.0	3153.6	2919.7	2685.8	2650.1	2614.5	2217.0	1819.5	1165.2	511.0
2806.8	77.5°	2653.3	2499.9	2322.1	2144.2	2093.2	2042.1	1671.0	1300.0	815.6	331.1
2031.8	80°	1951.2	1870.6	1736.4	1602.1	1538.6	1475.1	1163.0	850.8	525.4	200.1
1315.3	82.5°	1281.8	1248.1	1155.7	1063.3	992.3	921.4	708.0	494.6	304.1	113.7
754.8	85°	735.7	716.6	640.7	564.8	504.5	444.1	330.9	217.6	136.8	56.0
290.0	87.5°	288.4	286.8	248.8	210.8	177.2	143.5	105.4	67.4	44.8	22.2
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):

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
857.4	2.5°	850.3	843.1	835.9	829.0	822.1	815.4	808.0	802.0	796.0	790.6
899.6	5°	884.8	869.8	854.9	841.0	827.0	813.9	800.9	789.5	778.1	768.6
938.8	7.5°	916.2	894.1	872.0	852.5	833.1	815.1	798.3	783.2	768.1	755.6
969.5	10°	939.5	912.7	885.8	862.8	839.8	817.6	799.5	783.6	767.7	755.2
990.5	12.5°	956.6	924.9	893.3	867.3	841.2	817.9	801.1	788.1	775.1	766.8
1003.7	15°	966.9	930.4	894.0	863.8	833.7	807.9	794.4	788.2	782.0	783.1
1010.0	17.5°	969.8	927.5	885.2	849.0	812.7	782.4	774.1	776.4	778.6	792.3
1014.9	20°	970.7	919.5	868.2	823.3	778.4	743.1	740.9	751.5	762.2	785.9
1021.6	22.5°	972.0	909.6	847.3	793.2	739.1	698.9	703.2	718.9	734.7	761.8
1033.6	25°	976.9	899.9	822.9	759.6	696.2	655.0	666.6	684.8	702.9	727.3
1052.4	27.5°	987.3	893.4	799.6	728.8	658.0	620.5	634.6	652.2	669.7	689.8
1076.7	30°	1001.5	890.4	779.3	703.1	627.0	595.5	606.5	620.4	634.4	651.0
1102.2	32.5°	1013.7	886.6	759.6	681.0	602.4	577.0	581.9	590.1	598.4	611.6
1131.1	35°	1022.6	879.6	736.6	659.2	581.8	560.7	558.7	560.9	563.2	573.3
1163.5	37.5°	1028.0	867.4	706.9	633.6	560.2	541.7	534.3	531.8	529.3	536.5
1204.7	40°	1031.3	850.7	670.2	603.0	535.8	519.0	507.6	501.9	496.2	501.5
1258.6	42.5°	1037.7	833.5	629.4	569.2	509.1	493.6	479.2	471.7	464.2	468.5
1329.4	45°	1048.9	817.5	586.2	533.4	480.6	465.0	451.0	443.7	436.4	440.0
1405.0	47.5°	1056.5	804.3	552.0	505.0	458.1	437.9	425.9	419.7	413.6	417.0
1475.0	50°	1051.5	789.9	528.2	486.2	444.2	417.7	403.7	398.3	392.8	398.1
1520.5	52.5°	1020.7	765.5	510.4	473.8	437.2	406.7	387.2	381.8	376.5	384.4
1510.5	55°	956.9	725.2	493.4	464.8	436.2	407.8	378.4	369.9	361.4	372.7
1439.9	57.5°	862.1	668.3	474.4	454.2	434.0	408.9	373.2	360.8	348.4	360.4
1308.6	60°	735.0	594.4	453.8	437.9	422.0	405.4	368.2	352.1	336.0	346.7
1131.0	62.5°	591.8	506.0	420.1	409.5	399.0	397.0	362.5	342.3	322.3	329.0
949.9	65°	466.5	426.4	386.3	381.3	376.4	376.6	350.3	328.9	307.5	310.1
772.4	67.5°	361.3	350.0	338.5	341.3	344.1	343.4	328.6	310.8	293.0	292.2
608.2	70°	273.7	276.9	280.2	293.1	306.0	306.0	301.1	288.4	275.8	273.0
464.9	72.5°	211.1	220.9	230.8	249.1	267.3	270.4	270.5	261.8	253.1	249.0
337.5	75°	163.9	172.8	181.7	202.2	222.7	236.9	235.7	229.0	222.3	218.4
228.7	77.5°	126.2	132.3	138.3	158.2	178.1	201.5	200.8	195.5	190.1	186.1
147.3	80°	94.6	97.1	99.6	116.5	133.3	161.2	161.1	156.6	152.1	148.8
90.6	82.5°	67.6	68.1	68.6	81.0	93.4	117.2	118.5	116.3	114.1	111.7
48.4	85°	40.9	40.7	40.4	49.5	58.6	76.3	78.0	75.7	73.3	70.7
20.1	87.5°	17.9	17.7	17.5	21.2	24.9	32.3	34.5	33.5	32.6	32.1
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):

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
785.2	2.5°	780.5	775.7	771.0	766.2	762.6	758.9	755.9	752.9	750.6	748.3
759.1	5°	750.7	742.3	734.7	727.1	721.2	715.3	711.2	707.1	704.2	701.3
743.1	7.5°	732.5	721.9	712.6	703.3	696.3	689.3	684.4	679.5	676.2	672.9
742.6	10°	731.3	719.9	709.4	698.9	690.5	682.2	676.7	671.2	668.0	664.9
758.5	12.5°	749.5	740.6	729.8	718.9	708.3	697.6	690.6	683.5	680.0	676.5
784.3	15°	781.9	779.6	770.2	760.8	745.6	730.4	719.7	709.0	704.1	699.2
805.9	17.5°	813.2	820.4	812.8	805.2	785.2	765.1	749.3	733.5	726.2	718.9
809.6	20°	824.8	840.0	836.5	833.0	810.0	787.1	767.7	748.4	739.1	729.7
788.9	22.5°	808.7	828.4	830.6	832.7	810.7	788.8	768.9	748.9	739.1	729.3
751.7	25°	771.1	790.6	797.9	805.1	787.1	769.2	751.4	733.7	725.2	716.7
709.7	27.5°	725.3	741.0	749.0	757.2	744.3	731.6	717.8	704.0	698.3	692.6
667.6	30°	680.6	693.5	700.1	706.7	697.0	687.2	677.3	667.4	664.5	661.6
624.9	32.5°	637.3	649.8	657.1	664.4	655.4	646.5	638.6	630.7	628.8	626.9
583.4	35°	595.7	608.0	616.8	625.6	619.2	612.8	605.5	598.3	595.4	592.5
543.8	37.5°	556.0	568.3	579.2	590.0	587.0	584.1	577.4	570.7	565.4	560.2
506.7	40°	518.6	530.4	542.9	555.4	556.1	556.8	551.1	545.4	537.7	530.1
472.7	42.5°	484.0	495.2	508.7	522.2	525.8	529.4	524.6	519.8	510.3	500.7
443.6	45°	454.3	464.9	478.9	492.9	498.0	503.2	498.9	494.6	483.6	472.7
420.3	47.5°	430.8	441.2	454.9	468.7	474.7	480.6	477.6	474.6	464.9	455.2
403.4	50°	413.2	423.1	435.4	447.7	455.4	463.0	462.8	462.7	454.9	447.2
392.3	52.5°	401.3	410.3	421.8	433.3	442.4	451.4	453.1	454.7	448.4	442.0
383.9	55°	393.6	403.3	413.4	423.5	433.0	442.7	444.9	447.2	441.7	436.1
372.5	57.5°	383.9	395.4	405.3	415.3	425.0	434.6	436.9	439.2	433.6	428.1
357.3	60°	370.4	383.4	393.6	403.7	413.4	423.1	425.7	428.2	422.7	417.3
335.7	62.5°	351.0	366.3	377.1	387.9	396.8	405.7	408.1	410.5	405.6	400.7
312.7	65°	329.1	345.4	355.8	366.1	374.0	381.8	384.3	386.7	382.0	377.2
291.4	67.5°	306.5	321.6	331.4	341.2	348.0	354.7	357.2	359.5	355.2	350.9
270.1	70°	283.4	296.7	305.2	313.6	319.7	325.9	328.2	330.5	327.0	323.4
244.9	72.5°	255.3	265.8	273.4	281.1	287.0	293.0	295.8	298.5	295.6	292.6
214.4	75°	222.1	229.9	236.8	243.8	249.2	254.7	257.6	260.4	259.0	257.6
182.1	77.5°	188.4	194.7	200.7	206.6	212.4	218.1	220.8	223.5	221.5	219.4
145.4	80°	150.6	155.9	160.9	165.9	170.3	174.6	178.2	181.7	180.9	180.0
109.4	82.5°	108.9	108.5	106.7	105.0	114.2	123.5	129.6	135.7	135.3	134.9
68.0	85°	65.7	63.4	58.6	53.7	62.4	71.1	78.6	86.2	85.5	84.9
31.6	87.5°	31.5	31.4	27.7	24.0	27.6	31.3	34.3	37.3	36.6	35.8
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°
816.5	0°	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5	816.5
746.2	2.5°	744.0	741.3	744.0	746.2	748.3	750.6	752.9	755.9	758.9	762.6
699.1	5°	696.8	694.6	696.8	699.1	701.3	704.2	707.1	711.2	715.3	721.2
670.9	7.5°	668.9	667.4	668.9	670.9	672.9	676.2	679.5	684.4	689.3	696.3
663.2	10°	661.5	660.8	661.5	663.2	664.9	668.0	671.2	676.7	682.2	690.5
675.0	12.5°	673.6	673.3	673.6	675.0	676.5	680.0	683.5	690.6	697.6	708.3
697.3	15°	695.4	695.3	695.4	697.3	699.2	704.1	709.0	719.7	730.4	745.6
716.5	17.5°	714.1	713.8	714.1	716.5	718.9	726.2	733.5	749.3	765.1	785.2
726.8	20°	723.8	722.8	723.8	726.8	729.7	739.1	748.4	767.7	787.1	810.0
726.0	22.5°	722.7	721.3	722.7	726.0	729.3	739.1	748.9	768.9	788.8	810.7
713.6	25°	710.6	708.7	710.6	713.6	716.7	725.2	733.7	751.4	769.2	787.1
691.2	27.5°	689.8	689.3	689.8	691.2	692.6	698.3	704.0	717.8	731.6	744.3
661.6	30°	661.6	662.1	661.6	661.6	661.6	664.5	667.4	677.3	687.2	697.0
627.2	32.5°	627.4	627.9	627.4	627.2	626.9	628.8	630.7	638.6	646.5	655.4
591.9	35°	591.2	590.9	591.2	591.9	592.5	595.4	598.3	605.5	612.8	619.2
557.4	37.5°	554.6	553.0	554.6	557.4	560.2	565.4	570.7	577.4	584.1	587.0
524.9	40°	519.7	516.7	519.7	524.9	530.1	537.7	545.4	551.1	556.8	556.1
493.1	42.5°	485.6	480.6	485.6	493.1	500.7	510.3	519.8	524.6	529.4	525.8
463.9	45°	455.0	449.3	455.0	463.9	472.7	483.6	494.6	498.9	503.2	498.0
447.0	47.5°	438.8	433.3	438.8	447.0	455.2	464.9	474.6	477.6	480.6	474.7
439.6	50°	432.0	426.7	432.0	439.6	447.2	454.9	462.7	462.8	463.0	455.4
435.2	52.5°	428.5	423.6	428.5	435.2	442.0	448.4	454.7	453.1	451.4	442.4
430.2	55°	424.2	419.9	424.2	430.2	436.1	441.7	447.2	444.9	442.7	433.0
422.2	57.5°	416.3	411.7	416.3	422.2	428.1	433.6	439.2	436.9	434.6	425.0
411.2	60°	405.1	400.4	405.1	411.2	417.3	422.7	428.2	425.7	423.1	413.4
394.3	62.5°	387.9	382.3	387.9	394.3	400.7	405.6	410.5	408.1	405.7	396.8
371.0	65°	364.9	360.0	364.9	371.0	377.2	382.0	386.7	384.3	381.8	374.0
345.1	67.5°	339.3	334.9	339.3	345.1	350.9	355.2	359.5	357.2	354.7	348.0
317.9	70°	312.4	307.4	312.4	317.9	323.4	327.0	330.5	328.2	325.9	319.7
287.4	72.5°	282.1	277.3	282.1	287.4	292.6	295.6	298.5	295.8	293.0	287.0
253.1	75°	248.7	244.1	248.7	253.1	257.6	259.0	260.4	257.6	254.7	249.2
214.9	77.5°	210.5	206.8	210.5	214.9	219.4	221.5	223.5	220.8	218.1	212.4
174.0	80°	168.0	161.0	168.0	174.0	180.0	180.9	181.7	178.2	174.6	170.3
129.8	82.5°	124.8	120.3	124.8	129.8	134.9	135.3	135.7	129.6	123.5	114.2
81.0	85°	77.0	73.0	77.0	81.0	84.9	85.5	86.2	78.6	71.1	62.4
33.8	87.5°	31.7	29.8	31.7	33.8	35.8	36.6	37.3	34.3	31.3	27.6
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):

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
766.2	2.5°	771.0	775.7	780.5	785.2	790.6	796.0	802.0	808.0	815.4	822.1
727.1	5°	734.7	742.3	750.7	759.1	768.6	778.1	789.5	800.9	813.9	827.0
703.3	7.5°	712.6	721.9	732.5	743.1	755.6	768.1	783.2	798.3	815.1	833.1
698.9	10°	709.4	719.9	731.3	742.6	755.2	767.7	783.6	799.5	817.6	839.8
718.9	12.5°	729.8	740.6	749.5	758.5	766.8	775.1	788.1	801.1	817.9	841.2
760.8	15°	770.2	779.6	781.9	784.3	783.1	782.0	788.2	794.4	807.9	833.7
805.2	17.5°	812.8	820.4	813.2	805.9	792.3	778.6	776.4	774.1	782.4	812.7
833.0	20°	836.5	840.0	824.8	809.6	785.9	762.2	751.5	740.9	743.1	778.4
832.7	22.5°	830.6	828.4	808.7	788.9	761.8	734.7	718.9	703.2	698.9	739.1
805.1	25°	797.9	790.6	771.1	751.7	727.3	702.9	684.8	666.6	655.0	696.2
757.2	27.5°	749.0	741.0	725.3	709.7	689.8	669.7	652.2	634.6	620.5	658.0
706.7	30°	700.1	693.5	680.6	667.6	651.0	634.4	620.4	606.5	595.5	627.0
664.4	32.5°	657.1	649.8	637.3	624.9	611.6	598.4	590.1	581.9	577.0	602.4
625.6	35°	616.8	608.0	595.7	583.4	573.3	563.2	560.9	558.7	560.7	581.8
590.0	37.5°	579.2	568.3	556.0	543.8	536.5	529.3	531.8	534.3	541.7	560.2
555.4	40°	542.9	530.4	518.6	506.7	501.5	496.2	501.9	507.6	519.0	535.8
522.2	42.5°	508.7	495.2	484.0	472.7	468.5	464.2	471.7	479.2	493.6	509.1
492.9	45°	478.9	464.9	454.3	443.6	440.0	436.4	443.7	451.0	465.0	480.6
468.7	47.5°	454.9	441.2	430.8	420.3	417.0	413.6	419.7	425.9	437.9	458.1
447.7	50°	435.4	423.1	413.2	403.4	398.1	392.8	398.3	403.7	417.7	444.2
433.3	52.5°	421.8	410.3	401.3	392.3	384.4	376.5	381.8	387.2	406.7	437.2
423.5	55°	413.4	403.3	393.6	383.9	372.7	361.4	369.9	378.4	407.8	436.2
415.3	57.5°	405.3	395.4	383.9	372.5	360.4	348.4	360.8	373.2	408.9	434.0
403.7	60°	393.6	383.4	370.4	357.3	346.7	336.0	352.1	368.2	405.4	422.0
387.9	62.5°	377.1	366.3	351.0	335.7	329.0	322.3	342.3	362.5	397.0	399.0
366.1	65°	355.8	345.4	329.1	312.7	310.1	307.5	328.9	350.3	376.6	376.4
341.2	67.5°	331.4	321.6	306.5	291.4	292.2	293.0	310.8	328.6	343.4	344.1
313.6	70°	305.2	296.7	283.4	270.1	273.0	275.8	288.4	301.1	306.0	306.0
281.1	72.5°	273.4	265.8	255.3	244.9	249.0	253.1	261.8	270.5	270.4	267.3
243.8	75°	236.8	229.9	222.1	214.4	218.4	222.3	229.0	235.7	236.9	222.7
206.6	77.5°	200.7	194.7	188.4	182.1	186.1	190.1	195.5	200.8	201.5	178.1
165.9	80°	160.9	155.9	150.6	145.4	148.8	152.1	156.6	161.1	161.2	133.3
105.0	82.5°	106.7	108.5	108.9	109.4	111.7	114.1	116.3	118.5	117.2	93.4
53.7	85°	58.6	63.4	65.7	68.0	70.7	73.3	75.7	78.0	76.3	58.6
24.0	87.5°	27.7	31.4	31.5	31.6	32.1	32.6	33.5	34.5	32.3	24.9
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):

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
829.0	2.5°	835.9	843.1	850.3	857.4	864.6	871.4	878.1
841.0	5°	854.9	869.8	884.8	899.6	914.4	929.3	944.2
852.5	7.5°	872.0	894.1	916.2	938.8	961.5	986.1	1010.6
862.8	10°	885.8	912.7	939.5	969.5	999.4	1030.5	1061.5
867.3	12.5°	893.3	924.9	956.6	990.5	1024.5	1058.6	1092.7
863.8	15°	894.0	930.4	966.9	1003.7	1040.6	1076.1	1111.7
849.0	17.5°	885.2	927.5	969.8	1010.0	1050.2	1086.3	1122.3
823.3	20°	868.2	919.5	970.7	1014.9	1059.1	1096.6	1134.1
793.2	22.5°	847.3	909.6	972.0	1021.6	1071.1	1109.4	1147.7
759.6	25°	822.9	899.9	976.9	1033.6	1090.2	1127.7	1165.3
728.8	27.5°	799.6	893.4	987.3	1052.4	1117.5	1153.3	1189.1
703.1	30°	779.3	890.4	1001.5	1076.7	1152.0	1186.6	1221.2
681.0	32.5°	759.6	886.6	1013.7	1102.2	1190.6	1224.9	1259.1
659.2	35°	736.6	879.6	1022.6	1131.1	1239.6	1272.4	1305.2
633.6	37.5°	706.9	867.4	1028.0	1163.5	1299.1	1340.9	1382.7
603.0	40°	670.2	850.7	1031.3	1204.7	1378.1	1439.0	1499.9
569.2	42.5°	629.4	833.5	1037.7	1258.6	1479.5	1567.4	1655.3
533.4	45°	586.2	817.5	1048.9	1329.4	1610.0	1728.6	1847.2
505.0	47.5°	552.0	804.3	1056.5	1405.0	1753.4	1920.3	2087.2
486.2	50°	528.2	789.9	1051.5	1475.0	1898.5	2150.2	2401.8
473.8	52.5°	510.4	765.5	1020.7	1520.5	2020.3	2391.6	2762.9
464.8	55°	493.4	725.2	956.9	1510.5	2064.0	2605.7	3147.4
454.2	57.5°	474.4	668.3	862.1	1439.9	2017.8	2757.4	3497.0
437.9	60°	453.8	594.4	735.0	1308.6	1882.2	2795.3	3708.4
409.5	62.5°	420.1	506.0	591.8	1131.0	1670.3	2635.7	3601.0
381.3	65°	386.3	426.4	466.5	949.9	1433.3	2409.8	3386.3
341.3	67.5°	338.5	350.0	361.3	772.4	1183.5	2141.0	3098.5
293.1	70°	280.2	276.9	273.7	608.2	942.6	1847.7	2752.7
249.1	72.5°	230.8	220.9	211.1	464.9	718.8	1529.7	2340.7
202.2	75°	181.7	172.8	163.9	337.5	511.0	1165.2	1819.5
158.2	77.5°	138.3	132.3	126.2	228.7	331.1	815.6	1300.0
116.5	80°	99.6	97.1	94.6	147.3	200.1	525.4	850.8
81.0	82.5°	68.6	68.1	67.6	90.6	113.7	304.1	494.6
49.5	85°	40.4	40.7	40.9	48.4	56.0	136.8	217.6
21.2	87.5°	17.5	17.7	17.9	20.1	22.2	44.8	67.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)