

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: P946163

Luminaire Tested: **GALN-SB1D-927-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P946163
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-SB1D-927-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 90 CRI, 2700K, 900mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6174 lumens
Efficiency: N/A
Efficacy: 77.6 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

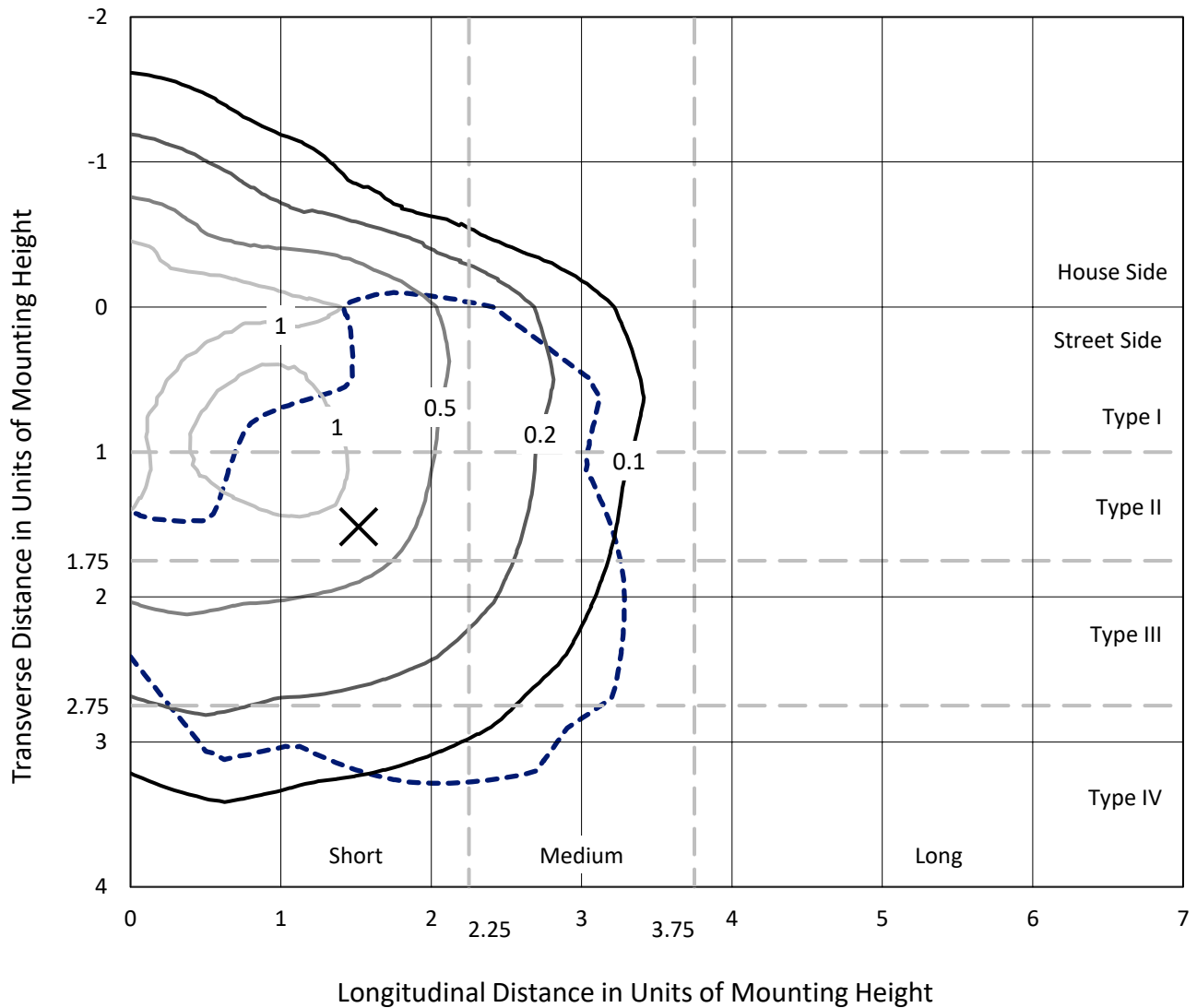
Input Watts (W): 79.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

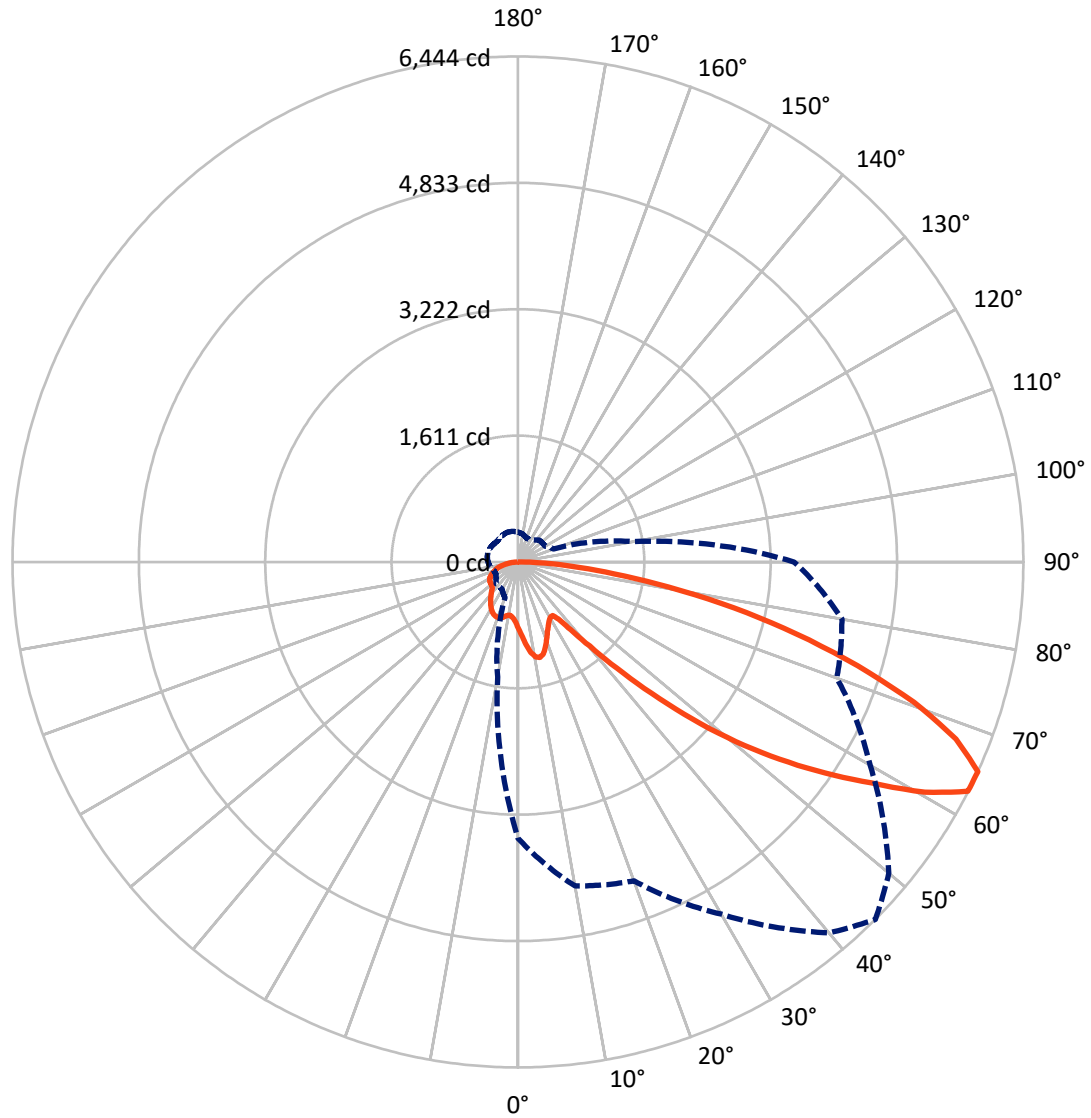
✕ Max cd
 - - - 1/2 Max cd



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



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

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1569.1	0.0	1569.1
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	4604.9	0.0	4604.9
	% Fixture	74.6	0.0	74.6
Total	Lumens	6174.0	0.0	6174.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.2	1.4
10°-20°	264.4	4.3
20°-30°	408.4	6.6
30°-40°	517.5	8.4
40°-50°	780.5	12.6
50°-60°	1261.1	20.4
60°-70°	1572.1	25.5
70°-80°	1030.9	16.7
80°-90°	254.9	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°	6174.0	100.0
0°-180°	6174.0	100.0

Coefficient of Utilization



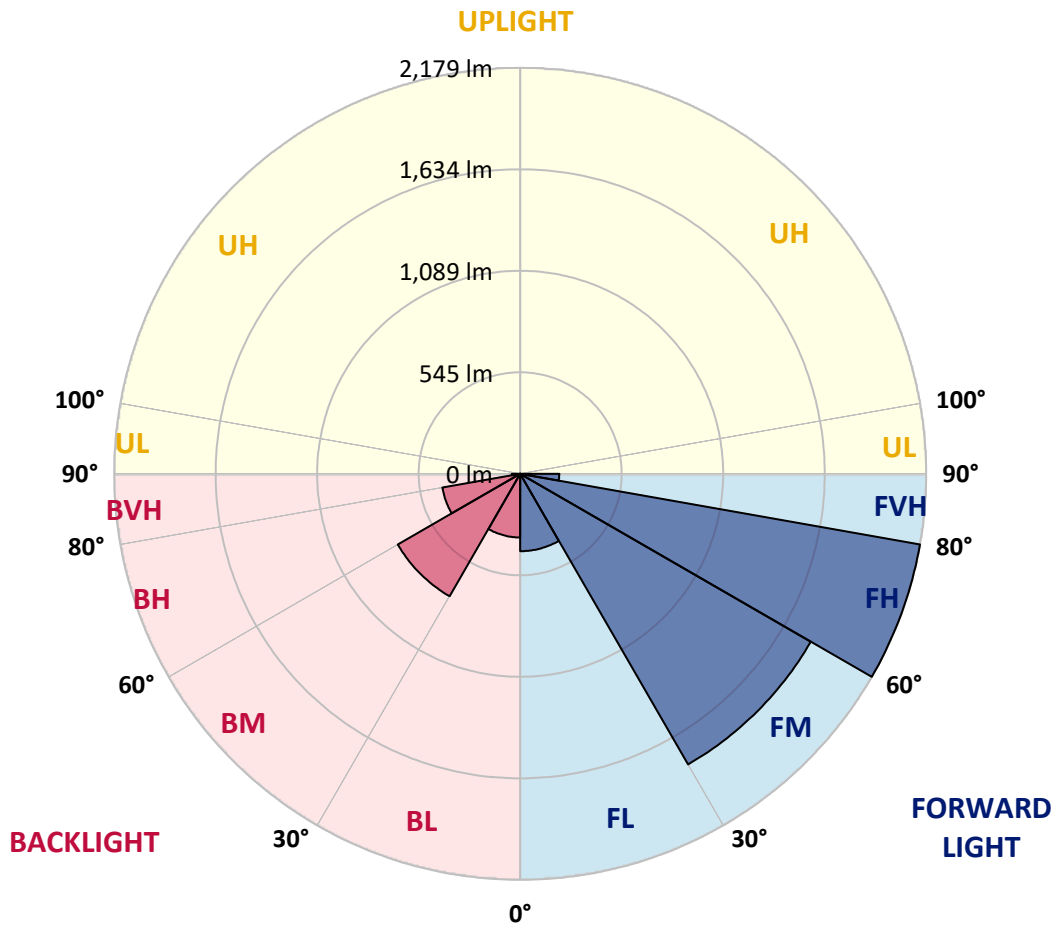
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	415.3	6.7			
FM (30°-60°)	1800.8	29.2			
FH (60°-80°)	2178.8	35.3			G2/5000
FVH (80°-90°)	210.0	3.4			G2/225
BL (0°-30°)	341.7	5.5	B1/500		
BM (30°-60°)	758.3	12.3	B1/1000		
BH (60°-80°)	424.2	6.9	B1/500		G1/500
BVH (80°-90°)	44.9	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°	849.0	849.0	849.0	849.0	849.0	849.0	849.0	849.0	849.0	849.0
2.5°	913.0	916.4	919.9	924.9	929.8	932.7	935.6	937.1	938.6	937.9
5°	981.7	993.8	1005.9	1017.9	1029.9	1036.5	1043.0	1046.9	1050.9	1053.9
7.5°	1050.8	1070.5	1090.1	1107.8	1125.5	1136.2	1146.8	1152.6	1158.3	1161.1
10°	1103.7	1127.0	1150.3	1171.0	1191.8	1204.3	1216.8	1222.5	1228.0	1230.1
12.5°	1136.2	1161.4	1186.5	1205.3	1224.0	1233.1	1242.3	1245.3	1248.4	1248.7
15°	1155.9	1177.6	1199.4	1211.1	1222.9	1223.2	1223.6	1220.3	1217.0	1213.2
17.5°	1166.9	1181.6	1196.3	1196.6	1196.7	1183.6	1170.4	1158.3	1146.2	1137.6
20°	1179.2	1184.3	1189.4	1173.9	1158.5	1129.3	1100.2	1079.0	1057.8	1044.8
22.5°	1193.3	1186.6	1179.9	1147.8	1115.8	1073.0	1030.1	1003.6	977.1	962.7
25°	1211.6	1190.4	1169.2	1120.5	1071.9	1019.8	967.8	939.9	912.1	898.5
27.5°	1236.3	1198.5	1160.6	1096.1	1031.7	974.0	916.3	888.9	861.5	848.7
30°	1269.7	1213.3	1156.8	1077.5	998.1	938.0	878.0	852.5	827.1	815.1
32.5°	1309.1	1231.8	1154.6	1064.8	975.0	918.5	862.1	842.1	822.1	813.5
35°	1357.0	1262.4	1167.8	1074.3	980.8	941.5	902.3	897.7	893.0	892.3
37.5°	1437.7	1326.4	1215.1	1130.1	1045.0	1042.5	1039.9	1061.3	1082.6	1093.6
40°	1559.5	1438.5	1317.4	1254.2	1191.0	1235.6	1280.2	1332.0	1383.8	1409.6
42.5°	1721.1	1601.0	1480.9	1444.5	1408.1	1505.4	1602.8	1697.0	1791.2	1846.5
45°	1920.6	1812.8	1704.9	1688.8	1672.7	1828.7	1984.6	2139.5	2294.3	2388.3
47.5°	2170.2	2065.2	1960.3	1957.0	1953.8	2178.7	2403.7	2630.3	2856.9	2990.0
50°	2497.3	2367.6	2238.0	2238.6	2239.1	2529.1	2819.0	3118.2	3417.3	3598.2
52.5°	2872.7	2715.8	2558.8	2543.0	2527.1	2873.4	3219.7	3589.9	3960.0	4176.8
55°	3272.4	3117.4	2962.3	2900.4	2838.6	3224.0	3609.5	4050.7	4492.0	4749.8
57.5°	3636.0	3551.6	3467.1	3343.0	3218.9	3608.2	3997.4	4497.2	4997.0	5316.7
60°	3855.7	3986.9	4118.1	3964.0	3809.9	4178.2	4546.6	5081.7	5616.8	5962.4
62.5°	3744.2	4102.6	4460.9	4443.6	4426.2	4763.6	5101.0	5610.2	6119.3	6438.7
65°	3520.8	3857.2	4193.6	4260.1	4326.7	4755.5	5184.3	5678.0	6171.6	6443.6
67.5°	3221.6	3541.5	3861.4	3892.7	3923.8	4370.6	4817.3	5313.2	5809.0	6022.0
70°	2862.1	3210.1	3558.1	3572.0	3586.0	3985.5	4385.0	4811.7	5238.4	5356.8
72.5°	2433.7	2833.0	3232.4	3242.4	3252.4	3565.0	3877.6	4197.1	4516.7	4528.6
75°	1891.8	2305.1	2718.4	2755.5	2792.6	3035.8	3279.0	3503.9	3728.9	3668.6
77.5°	1351.7	1737.4	2123.3	2176.4	2229.5	2414.3	2599.2	2758.8	2918.3	2814.7
80°	884.7	1209.2	1533.8	1599.8	1665.8	1805.4	1945.0	2028.8	2112.5	1945.9
82.5°	514.2	736.1	958.0	1031.8	1105.5	1201.6	1297.7	1332.7	1367.6	1236.7
85°	226.3	344.0	461.8	524.5	587.2	666.2	745.1	765.0	784.8	679.9
87.5°	70.0	109.6	149.2	184.2	219.2	258.7	298.2	299.8	301.5	253.1
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°
849.0	0°	849.0	849.0	849.0	849.0	849.0	849.0	849.0	849.0	849.0	849.0
938.6	2.5°	937.1	935.6	932.7	929.8	924.9	919.9	916.4	913.0	906.0	899.0
1050.9	5°	1046.9	1043.0	1036.5	1029.9	1017.9	1005.9	993.8	981.7	966.3	950.8
1158.3	7.5°	1152.6	1146.8	1136.2	1125.5	1107.8	1090.1	1070.5	1050.8	1025.3	999.7
1228.0	10°	1222.5	1216.8	1204.3	1191.8	1171.0	1150.3	1127.0	1103.7	1071.5	1039.2
1248.4	12.5°	1245.3	1242.3	1233.1	1224.0	1205.3	1186.5	1161.4	1136.2	1100.7	1065.2
1217.0	15°	1220.3	1223.6	1223.2	1222.9	1211.1	1199.4	1177.6	1155.9	1118.9	1081.9
1146.2	17.5°	1158.3	1170.4	1183.6	1196.7	1196.6	1196.3	1181.6	1166.9	1129.4	1091.9
1057.8	20°	1079.0	1100.2	1129.3	1158.5	1173.9	1189.4	1184.3	1179.2	1140.2	1101.2
977.1	22.5°	1003.6	1030.1	1073.0	1115.8	1147.8	1179.9	1186.6	1193.3	1153.5	1113.7
912.1	25°	939.9	967.8	1019.8	1071.9	1120.5	1169.2	1190.4	1211.6	1172.5	1133.5
861.5	27.5°	888.9	916.3	974.0	1031.7	1096.1	1160.6	1198.5	1236.3	1199.1	1161.9
827.1	30°	852.5	878.0	938.0	998.1	1077.5	1156.8	1213.3	1269.7	1233.8	1197.8
822.1	32.5°	842.1	862.1	918.5	975.0	1064.8	1154.6	1231.8	1309.1	1273.5	1238.0
893.0	35°	897.7	902.3	941.5	980.8	1074.3	1167.8	1262.4	1357.0	1323.0	1288.8
1082.6	37.5°	1061.3	1039.9	1042.5	1045.0	1130.1	1215.1	1326.4	1437.7	1394.2	1350.7
1383.8	40°	1332.0	1280.2	1235.6	1191.0	1254.2	1317.4	1438.5	1559.5	1496.2	1432.8
1791.2	42.5°	1697.0	1602.8	1505.4	1408.1	1444.5	1480.9	1601.0	1721.1	1629.7	1538.3
2294.3	45°	2139.5	1984.6	1828.7	1672.7	1688.8	1704.9	1812.8	1920.6	1797.3	1674.0
2856.9	47.5°	2630.3	2403.7	2178.7	1953.8	1957.0	1960.3	2065.2	2170.2	1996.6	1823.1
3417.3	50°	3118.2	2819.0	2529.1	2239.1	2238.6	2238.0	2367.6	2497.3	2235.6	1974.0
3960.0	52.5°	3589.9	3219.7	2873.4	2527.1	2543.0	2558.8	2715.8	2872.7	2486.7	2100.6
4492.0	55°	4050.7	3609.5	3224.0	2838.6	2900.4	2962.3	3117.4	3272.4	2709.2	2146.1
4997.0	57.5°	4497.2	3997.4	3608.2	3218.9	3343.0	3467.1	3551.6	3636.0	2867.0	2097.9
5616.8	60°	5081.7	4546.6	4178.2	3809.9	3964.0	4118.1	3986.9	3855.7	2906.4	1957.0
6119.3	62.5°	5610.2	5101.0	4763.6	4426.2	4443.6	4460.9	4102.6	3744.2	2740.4	1736.7
6171.6	65°	5678.0	5184.3	4755.5	4326.7	4260.1	4193.6	3857.2	3520.8	2505.6	1490.3
5809.0	67.5°	5313.2	4817.3	4370.6	3923.8	3892.7	3861.4	3541.5	3221.6	2226.1	1230.5
5238.4	70°	4811.7	4385.0	3985.5	3586.0	3572.0	3558.1	3210.1	2862.1	1921.1	980.1
4516.7	72.5°	4197.1	3877.6	3565.0	3252.4	3242.4	3232.4	2833.0	2433.7	1590.5	747.3
3728.9	75°	3503.9	3279.0	3035.8	2792.6	2755.5	2718.4	2305.1	1891.8	1211.5	531.3
2918.3	77.5°	2758.8	2599.2	2414.3	2229.5	2176.4	2123.3	1737.4	1351.7	848.0	344.3
2112.5	80°	2028.8	1945.0	1805.4	1665.8	1599.8	1533.8	1209.2	884.7	546.3	208.0
1367.6	82.5°	1332.7	1297.7	1201.6	1105.5	1031.8	958.0	736.1	514.2	316.2	118.2
784.8	85°	765.0	745.1	666.2	587.2	524.5	461.8	344.0	226.3	142.2	58.2
301.5	87.5°	299.8	298.2	258.7	219.2	184.2	149.2	109.6	70.0	46.6	23.1
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
849.0	0°	849.0	849.0	849.0	849.0	849.0	849.0	849.0	849.0	849.0	849.0
891.5	2.5°	884.1	876.6	869.1	861.9	854.8	847.8	840.1	833.9	827.6	822.0
935.3	5°	919.9	904.4	888.9	874.4	859.9	846.2	832.7	820.9	809.1	799.2
976.2	7.5°	952.6	929.6	906.6	886.4	866.2	847.5	830.0	814.3	798.6	785.6
1008.0	10°	976.8	949.0	921.0	897.1	873.2	850.1	831.3	814.8	798.2	785.2
1029.9	12.5°	994.6	961.7	928.8	901.7	874.6	850.4	832.9	819.4	805.9	797.2
1043.6	15°	1005.3	967.4	929.5	898.2	866.8	840.0	826.0	819.5	813.1	814.3
1050.1	17.5°	1008.3	964.4	920.4	882.7	845.0	813.5	804.8	807.2	809.6	823.8
1055.3	20°	1009.3	956.0	902.7	856.0	809.3	772.6	770.3	781.4	792.5	817.1
1062.2	22.5°	1010.6	945.8	881.0	824.7	768.4	726.6	731.1	747.5	763.9	792.0
1074.7	25°	1015.8	935.7	855.7	789.8	723.9	681.0	693.1	712.0	730.9	756.2
1094.2	27.5°	1026.5	929.0	831.4	757.8	684.2	645.2	659.9	678.1	696.4	717.2
1119.5	30°	1041.3	925.8	810.3	731.1	651.9	619.1	630.6	645.1	659.6	676.9
1146.0	32.5°	1054.0	921.9	789.8	708.0	626.3	599.9	605.0	613.6	622.2	636.0
1176.1	35°	1063.3	914.5	765.8	685.4	605.0	583.0	580.9	583.2	585.6	596.1
1209.8	37.5°	1068.8	901.9	735.0	658.8	582.5	563.3	555.5	552.9	550.3	557.9
1252.6	40°	1072.3	884.6	696.8	627.0	557.1	539.7	527.8	521.9	516.0	521.4
1308.6	42.5°	1078.9	866.6	654.4	591.9	529.3	513.3	498.3	490.5	482.6	487.1
1382.3	45°	1090.5	850.0	609.5	554.6	499.7	483.5	469.0	461.3	453.7	457.5
1460.8	47.5°	1098.5	836.2	574.0	525.1	476.3	455.3	442.8	436.4	430.0	433.5
1533.6	50°	1093.3	821.3	549.2	505.5	461.9	434.3	419.8	414.1	408.5	413.9
1580.9	52.5°	1061.2	795.9	530.7	492.6	454.6	422.9	402.6	397.0	391.4	399.7
1570.5	55°	994.9	754.0	513.0	483.3	453.5	424.0	393.5	384.6	375.8	387.5
1497.1	57.5°	896.4	694.8	493.2	472.2	451.2	425.1	388.0	375.1	362.2	374.8
1360.6	60°	764.2	618.0	471.8	455.3	438.8	421.6	382.9	366.1	349.4	360.4
1176.0	62.5°	615.3	526.1	436.8	425.8	414.9	412.8	376.9	355.9	335.1	342.1
987.6	65°	485.0	443.4	401.7	396.5	391.3	391.6	364.2	342.0	319.8	322.5
803.1	67.5°	375.7	363.9	352.0	354.9	357.8	357.1	341.7	323.2	304.7	303.8
632.3	70°	284.6	288.0	291.3	304.7	318.1	318.1	313.1	299.9	286.8	283.8
483.4	72.5°	219.5	229.7	239.9	259.0	278.0	281.1	281.2	272.2	263.2	258.9
350.9	75°	170.4	179.7	189.0	210.3	231.6	246.3	245.1	238.1	231.1	227.0
237.8	77.5°	131.2	137.5	143.8	164.5	185.2	209.5	208.8	203.3	197.7	193.5
153.2	80°	98.4	101.0	103.6	121.1	138.6	167.6	167.5	162.9	158.2	154.7
94.2	82.5°	70.3	70.8	71.3	84.2	97.1	121.8	123.2	120.9	118.6	116.2
50.4	85°	42.5	42.3	42.0	51.5	60.9	79.3	81.1	78.7	76.2	73.5
20.9	87.5°	18.6	18.4	18.2	22.0	25.9	33.6	35.8	34.9	33.9	33.4
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
849.0	0°	849.0	849.0	849.0	849.0	849.0	849.0	849.0	849.0	849.0	849.0
816.4	2.5°	811.5	806.6	801.6	796.7	792.9	789.0	785.9	782.8	780.4	778.0
789.3	5°	780.6	771.8	763.9	756.0	749.9	743.8	739.5	735.2	732.2	729.2
772.6	7.5°	761.6	750.6	740.9	731.2	723.9	716.7	711.6	706.5	703.1	699.6
772.2	10°	760.3	748.5	737.6	726.6	718.0	709.3	703.6	697.9	694.6	691.3
788.6	12.5°	779.3	770.1	758.8	747.5	736.4	725.3	718.0	710.7	707.0	703.4
815.4	15°	813.0	810.6	800.8	791.0	775.2	759.5	748.3	737.2	732.1	727.0
838.0	17.5°	845.5	853.1	845.1	837.3	816.4	795.5	779.1	762.6	755.1	747.5
841.8	20°	857.6	873.4	869.8	866.1	842.2	818.4	798.2	778.1	768.4	758.7
820.2	22.5°	840.8	861.4	863.6	865.8	843.0	820.1	799.4	778.7	768.5	758.2
781.5	25°	801.8	822.0	829.6	837.1	818.4	799.7	781.3	762.9	754.0	745.2
738.0	27.5°	754.2	770.4	778.8	787.2	773.9	760.6	746.3	732.0	726.1	720.1
694.2	30°	707.6	721.1	728.0	734.8	724.7	714.5	704.3	694.0	690.9	687.9
649.8	32.5°	662.7	675.6	683.2	690.8	681.5	672.1	664.0	655.8	653.8	651.8
606.6	35°	619.4	632.2	641.3	650.4	643.8	637.2	629.6	622.1	619.0	616.0
565.4	37.5°	578.1	590.9	602.2	613.4	610.4	607.3	600.4	593.4	587.9	582.4
526.8	40°	539.2	551.5	564.4	577.4	578.2	578.9	573.0	567.1	559.1	551.2
491.5	42.5°	503.2	514.9	528.9	542.9	546.7	550.4	545.4	540.5	530.5	520.6
461.2	45°	472.3	483.4	497.9	512.4	517.8	523.2	518.7	514.2	502.9	491.5
437.0	47.5°	447.9	458.7	473.0	487.4	493.6	499.7	496.6	493.5	483.4	473.3
419.4	50°	429.7	439.9	452.7	465.5	473.5	481.4	481.2	481.1	473.0	465.0
407.9	52.5°	417.3	426.6	438.6	450.6	460.0	469.4	471.1	472.8	466.2	459.6
399.1	55°	409.2	419.3	429.8	440.3	450.3	460.3	462.6	465.0	459.2	453.5
387.4	57.5°	399.2	411.1	421.4	431.8	441.9	451.9	454.3	456.7	450.9	445.1
371.5	60°	385.1	398.7	409.2	419.8	429.9	440.0	442.6	445.2	439.5	433.9
349.1	62.5°	364.9	380.8	392.1	403.3	412.6	421.8	424.3	426.8	421.7	416.6
325.1	65°	342.1	359.2	369.9	380.7	388.8	397.0	399.5	402.1	397.2	392.2
303.0	67.5°	318.7	334.4	344.6	354.8	361.8	368.8	371.4	373.8	369.3	364.8
280.9	70°	294.7	308.5	317.3	326.1	332.5	338.8	341.2	343.6	339.9	336.3
254.6	72.5°	265.5	276.3	284.3	292.2	298.4	304.7	307.5	310.4	307.3	304.3
222.9	75°	231.0	239.1	246.3	253.5	259.1	264.8	267.8	270.8	269.3	267.8
189.3	77.5°	195.9	202.5	208.7	214.9	220.8	226.7	229.5	232.3	230.3	228.1
151.2	80°	156.6	162.1	167.3	172.5	177.0	181.5	185.2	189.0	188.0	187.2
113.7	82.5°	113.2	112.8	111.0	109.1	118.8	128.4	134.7	141.1	140.7	140.2
70.7	85°	68.3	66.0	60.9	55.9	64.9	74.0	81.8	89.6	88.9	88.3
32.8	87.5°	32.7	32.6	28.8	24.9	28.7	32.5	35.7	38.8	38.1	37.2
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
849.0	0°	849.0	849.0	849.0	849.0	849.0	849.0	849.0	849.0	849.0	849.0
775.8	2.5°	773.6	770.8	773.6	775.8	778.0	780.4	782.8	785.9	789.0	792.9
726.8	5°	724.5	722.3	724.5	726.8	729.2	732.2	735.2	739.5	743.8	749.9
697.5	7.5°	695.5	693.9	695.5	697.5	699.6	703.1	706.5	711.6	716.7	723.9
689.5	10°	687.8	687.1	687.8	689.5	691.3	694.6	697.9	703.6	709.3	718.0
701.9	12.5°	700.4	700.1	700.4	701.9	703.4	707.0	710.7	718.0	725.3	736.4
725.0	15°	723.1	722.9	723.1	725.0	727.0	732.1	737.2	748.3	759.5	775.2
745.0	17.5°	742.5	742.1	742.5	745.0	747.5	755.1	762.6	779.1	795.5	816.4
755.6	20°	752.5	751.6	752.5	755.6	758.7	768.4	778.1	798.2	818.4	842.2
754.8	22.5°	751.4	749.9	751.4	754.8	758.2	768.5	778.7	799.4	820.1	843.0
742.0	25°	738.8	736.9	738.8	742.0	745.2	754.0	762.9	781.3	799.7	818.4
718.7	27.5°	717.2	716.7	717.2	718.7	720.1	726.1	732.0	746.3	760.6	773.9
687.9	30°	687.9	688.4	687.9	687.9	687.9	690.9	694.0	704.3	714.5	724.7
652.1	32.5°	652.4	652.9	652.4	652.1	651.8	653.8	655.8	664.0	672.1	681.5
615.4	35°	614.7	614.4	614.7	615.4	616.0	619.0	622.1	629.6	637.2	643.8
579.5	37.5°	576.6	575.0	576.6	579.5	582.4	587.9	593.4	600.4	607.3	610.4
545.7	40°	540.4	537.2	540.4	545.7	551.2	559.1	567.1	573.0	578.9	578.2
512.7	42.5°	504.9	499.7	504.9	512.7	520.6	530.5	540.5	545.4	550.4	546.7
482.3	45°	473.1	467.2	473.1	482.3	491.5	502.9	514.2	518.7	523.2	517.8
464.8	47.5°	456.3	450.6	456.3	464.8	473.3	483.4	493.5	496.6	499.7	493.6
457.1	50°	449.2	443.7	449.2	457.1	465.0	473.0	481.1	481.2	481.4	473.5
452.5	52.5°	445.5	440.5	445.5	452.5	459.6	466.2	472.8	471.1	469.4	460.0
447.3	55°	441.1	436.5	441.1	447.3	453.5	459.2	465.0	462.6	460.3	450.3
439.0	57.5°	432.8	428.1	432.8	439.0	445.1	450.9	456.7	454.3	451.9	441.9
427.6	60°	421.2	416.3	421.2	427.6	433.9	439.5	445.2	442.6	440.0	429.9
410.0	62.5°	403.3	397.4	403.3	410.0	416.6	421.7	426.8	424.3	421.8	412.6
385.8	65°	379.4	374.3	379.4	385.8	392.2	397.2	402.1	399.5	397.0	388.8
358.8	67.5°	352.8	348.3	352.8	358.8	364.8	369.3	373.8	371.4	368.8	361.8
330.5	70°	324.8	319.6	324.8	330.5	336.3	339.9	343.6	341.2	338.8	332.5
298.8	72.5°	293.4	288.3	293.4	298.8	304.3	307.3	310.4	307.5	304.7	298.4
263.2	75°	258.6	253.8	258.6	263.2	267.8	269.3	270.8	267.8	264.8	259.1
223.5	77.5°	218.9	215.0	218.9	223.5	228.1	230.3	232.3	229.5	226.7	220.8
180.9	80°	174.7	167.5	174.7	180.9	187.2	188.0	189.0	185.2	181.5	177.0
135.0	82.5°	129.7	125.1	129.7	135.0	140.2	140.7	141.1	134.7	128.4	118.8
84.2	85°	80.1	75.9	80.1	84.2	88.3	88.9	89.6	81.8	74.0	64.9
35.1	87.5°	33.0	30.9	33.0	35.1	37.2	38.1	38.8	35.7	32.5	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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
849.0	0°	849.0	849.0	849.0	849.0	849.0	849.0	849.0	849.0	849.0	849.0
796.7	2.5°	801.6	806.6	811.5	816.4	822.0	827.6	833.9	840.1	847.8	854.8
756.0	5°	763.9	771.8	780.6	789.3	799.2	809.1	820.9	832.7	846.2	859.9
731.2	7.5°	740.9	750.6	761.6	772.6	785.6	798.6	814.3	830.0	847.5	866.2
726.6	10°	737.6	748.5	760.3	772.2	785.2	798.2	814.8	831.3	850.1	873.2
747.5	12.5°	758.8	770.1	779.3	788.6	797.2	805.9	819.4	832.9	850.4	874.6
791.0	15°	800.8	810.6	813.0	815.4	814.3	813.1	819.5	826.0	840.0	866.8
837.3	17.5°	845.1	853.1	845.5	838.0	823.8	809.6	807.2	804.8	813.5	845.0
866.1	20°	869.8	873.4	857.6	841.8	817.1	792.5	781.4	770.3	772.6	809.3
865.8	22.5°	863.6	861.4	840.8	820.2	792.0	763.9	747.5	731.1	726.6	768.4
837.1	25°	829.6	822.0	801.8	781.5	756.2	730.9	712.0	693.1	681.0	723.9
787.2	27.5°	778.8	770.4	754.2	738.0	717.2	696.4	678.1	659.9	645.2	684.2
734.8	30°	728.0	721.1	707.6	694.2	676.9	659.6	645.1	630.6	619.1	651.9
690.8	32.5°	683.2	675.6	662.7	649.8	636.0	622.2	613.6	605.0	599.9	626.3
650.4	35°	641.3	632.2	619.4	606.6	596.1	585.6	583.2	580.9	583.0	605.0
613.4	37.5°	602.2	590.9	578.1	565.4	557.9	550.3	552.9	555.5	563.3	582.5
577.4	40°	564.4	551.5	539.2	526.8	521.4	516.0	521.9	527.8	539.7	557.1
542.9	42.5°	528.9	514.9	503.2	491.5	487.1	482.6	490.5	498.3	513.3	529.3
512.4	45°	497.9	483.4	472.3	461.2	457.5	453.7	461.3	469.0	483.5	499.7
487.4	47.5°	473.0	458.7	447.9	437.0	433.5	430.0	436.4	442.8	455.3	476.3
465.5	50°	452.7	439.9	429.7	419.4	413.9	408.5	414.1	419.8	434.3	461.9
450.6	52.5°	438.6	426.6	417.3	407.9	399.7	391.4	397.0	402.6	422.9	454.6
440.3	55°	429.8	419.3	409.2	399.1	387.5	375.8	384.6	393.5	424.0	453.5
431.8	57.5°	421.4	411.1	399.2	387.4	374.8	362.2	375.1	388.0	425.1	451.2
419.8	60°	409.2	398.7	385.1	371.5	360.4	349.4	366.1	382.9	421.6	438.8
403.3	62.5°	392.1	380.8	364.9	349.1	342.1	335.1	355.9	376.9	412.8	414.9
380.7	65°	369.9	359.2	342.1	325.1	322.5	319.8	342.0	364.2	391.6	391.3
354.8	67.5°	344.6	334.4	318.7	303.0	303.8	304.7	323.2	341.7	357.1	357.8
326.1	70°	317.3	308.5	294.7	280.9	283.8	286.8	299.9	313.1	318.1	318.1
292.2	72.5°	284.3	276.3	265.5	254.6	258.9	263.2	272.2	281.2	281.1	278.0
253.5	75°	246.3	239.1	231.0	222.9	227.0	231.1	238.1	245.1	246.3	231.6
214.9	77.5°	208.7	202.5	195.9	189.3	193.5	197.7	203.3	208.8	209.5	185.2
172.5	80°	167.3	162.1	156.6	151.2	154.7	158.2	162.9	167.5	167.6	138.6
109.1	82.5°	111.0	112.8	113.2	113.7	116.2	118.6	120.9	123.2	121.8	97.1
55.9	85°	60.9	66.0	68.3	70.7	73.5	76.2	78.7	81.1	79.3	60.9
24.9	87.5°	28.8	32.6	32.7	32.8	33.4	33.9	34.9	35.8	33.6	25.9
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°
849.0	0°	849.0	849.0	849.0	849.0	849.0	849.0	849.0
861.9	2.5°	869.1	876.6	884.1	891.5	899.0	906.0	913.0
874.4	5°	888.9	904.4	919.9	935.3	950.8	966.3	981.7
886.4	7.5°	906.6	929.6	952.6	976.2	999.7	1025.3	1050.8
897.1	10°	921.0	949.0	976.8	1008.0	1039.2	1071.5	1103.7
901.7	12.5°	928.8	961.7	994.6	1029.9	1065.2	1100.7	1136.2
898.2	15°	929.5	967.4	1005.3	1043.6	1081.9	1118.9	1155.9
882.7	17.5°	920.4	964.4	1008.3	1050.1	1091.9	1129.4	1166.9
856.0	20°	902.7	956.0	1009.3	1055.3	1101.2	1140.2	1179.2
824.7	22.5°	881.0	945.8	1010.6	1062.2	1113.7	1153.5	1193.3
789.8	25°	855.7	935.7	1015.8	1074.7	1133.5	1172.5	1211.6
757.8	27.5°	831.4	929.0	1026.5	1094.2	1161.9	1199.1	1236.3
731.1	30°	810.3	925.8	1041.3	1119.5	1197.8	1233.8	1269.7
708.0	32.5°	789.8	921.9	1054.0	1146.0	1238.0	1273.5	1309.1
685.4	35°	765.8	914.5	1063.3	1176.1	1288.8	1323.0	1357.0
658.8	37.5°	735.0	901.9	1068.8	1209.8	1350.7	1394.2	1437.7
627.0	40°	696.8	884.6	1072.3	1252.6	1432.8	1496.2	1559.5
591.9	42.5°	654.4	866.6	1078.9	1308.6	1538.3	1629.7	1721.1
554.6	45°	609.5	850.0	1090.5	1382.3	1674.0	1797.3	1920.6
525.1	47.5°	574.0	836.2	1098.5	1460.8	1823.1	1996.6	2170.2
505.5	50°	549.2	821.3	1093.3	1533.6	1974.0	2235.6	2497.3
492.6	52.5°	530.7	795.9	1061.2	1580.9	2100.6	2486.7	2872.7
483.3	55°	513.0	754.0	994.9	1570.5	2146.1	2709.2	3272.4
472.2	57.5°	493.2	694.8	896.4	1497.1	2097.9	2867.0	3636.0
455.3	60°	471.8	618.0	764.2	1360.6	1957.0	2906.4	3855.7
425.8	62.5°	436.8	526.1	615.3	1176.0	1736.7	2740.4	3744.2
396.5	65°	401.7	443.4	485.0	987.6	1490.3	2505.6	3520.8
354.9	67.5°	352.0	363.9	375.7	803.1	1230.5	2226.1	3221.6
304.7	70°	291.3	288.0	284.6	632.3	980.1	1921.1	2862.1
259.0	72.5°	239.9	229.7	219.5	483.4	747.3	1590.5	2433.7
210.3	75°	189.0	179.7	170.4	350.9	531.3	1211.5	1891.8
164.5	77.5°	143.8	137.5	131.2	237.8	344.3	848.0	1351.7
121.1	80°	103.6	101.0	98.4	153.2	208.0	546.3	884.7
84.2	82.5°	71.3	70.8	70.3	94.2	118.2	316.2	514.2
51.5	85°	42.0	42.3	42.5	50.4	58.2	142.2	226.3
22.0	87.5°	18.2	18.4	18.6	20.9	23.1	46.6	70.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)