

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: P945260

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

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945260
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-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT 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

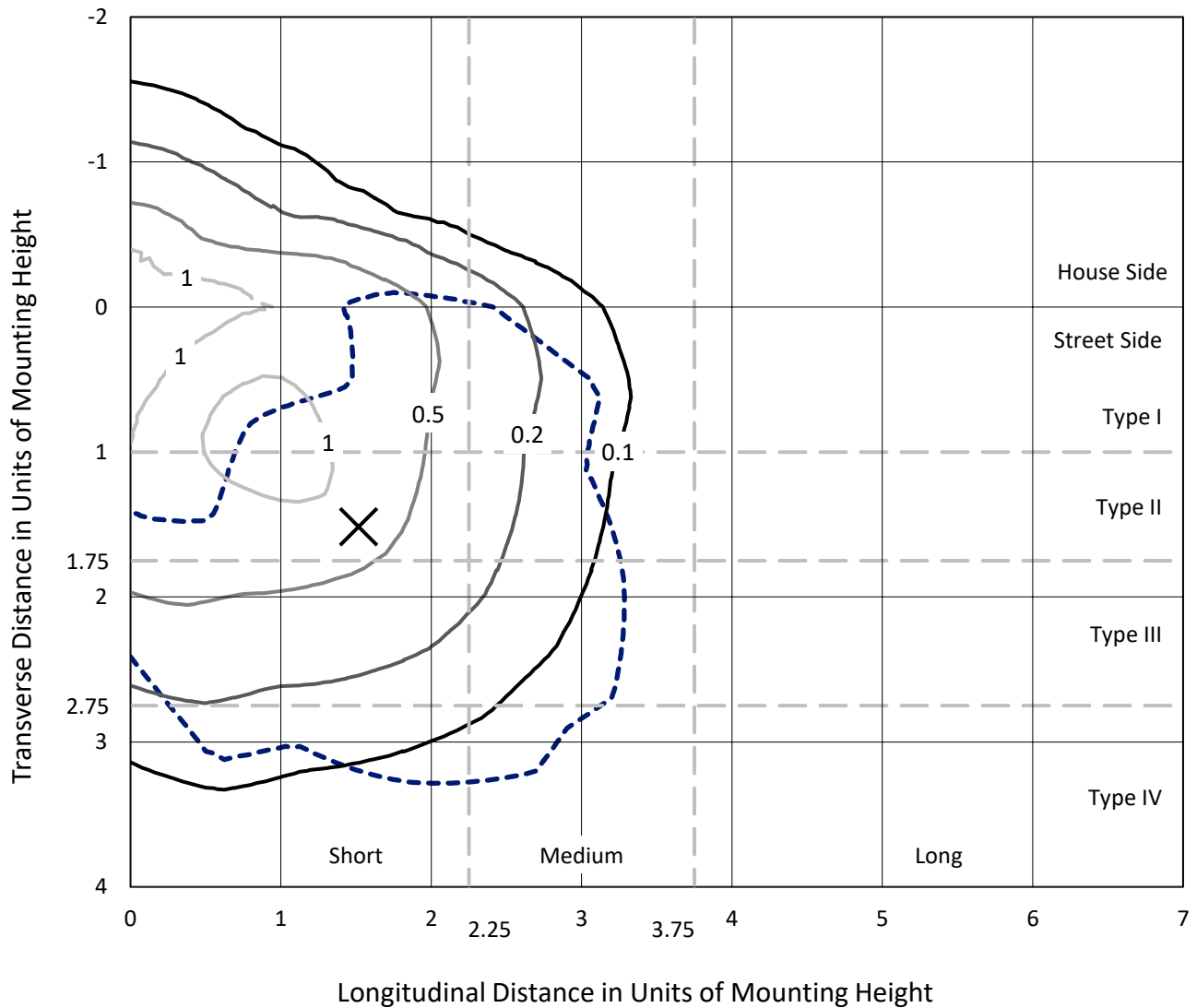
Input Watts (W): 39.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

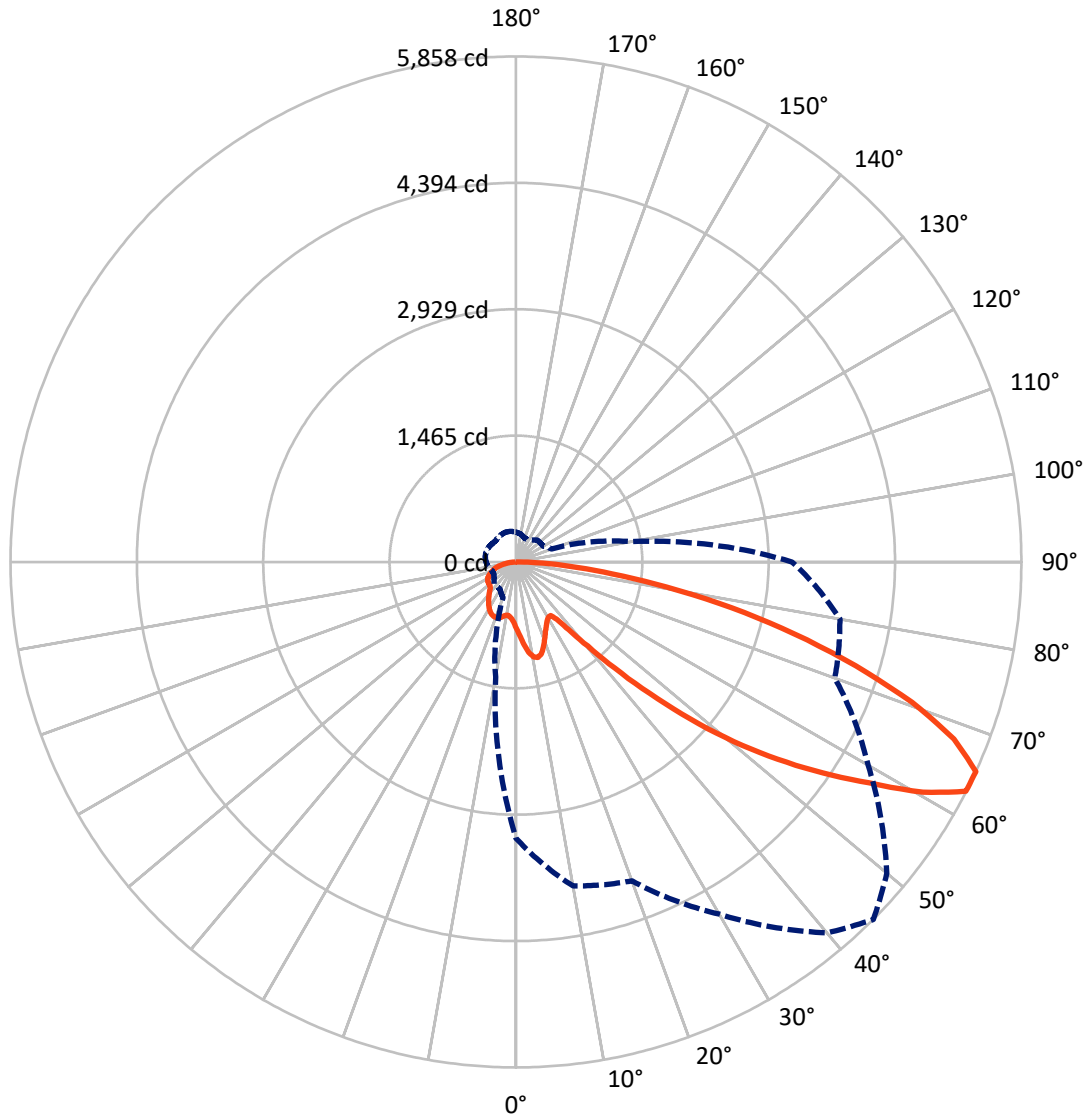
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.7 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	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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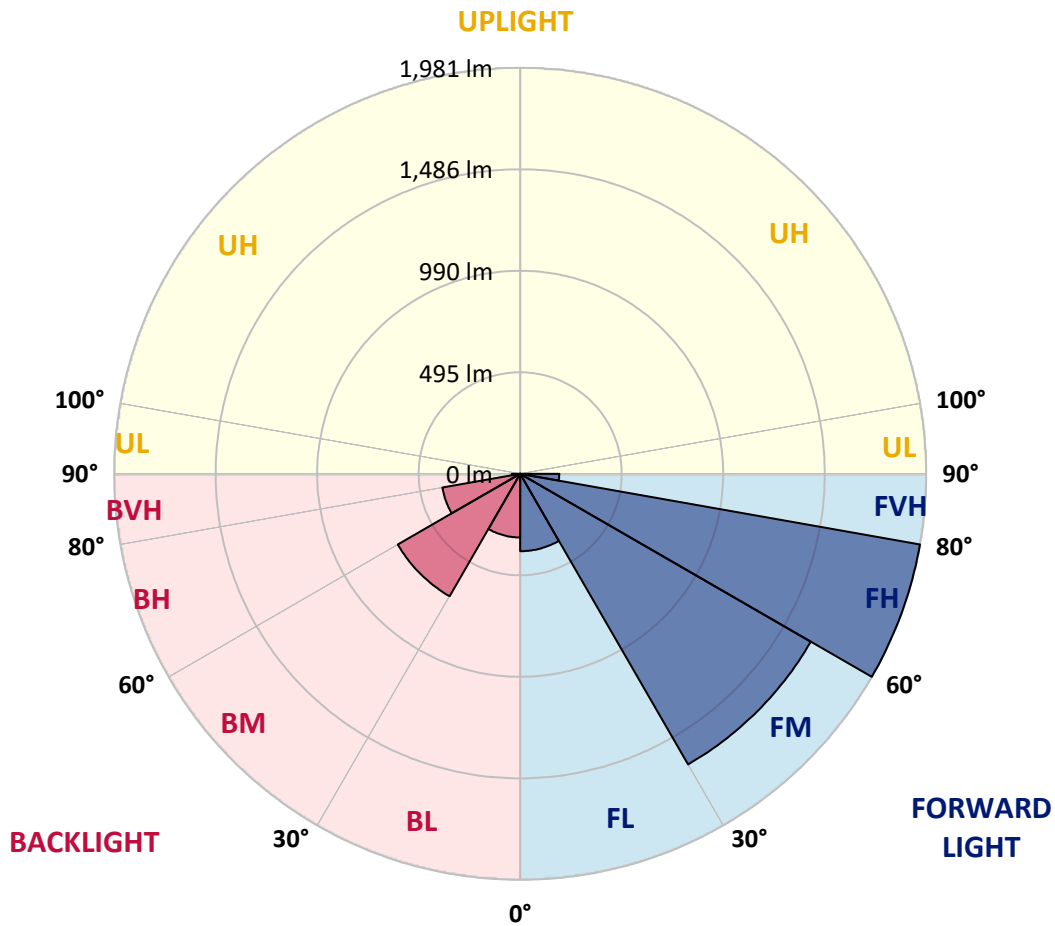
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

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	833.2	836.3	840.8	845.3	848.0	850.6	852.0	853.3	852.7
5°	892.5	903.5	914.5	925.4	936.4	942.3	948.2	951.8	955.4	958.1
7.5°	955.3	973.2	991.1	1007.1	1023.2	1032.9	1042.6	1047.8	1053.1	1055.6
10°	1003.4	1024.6	1045.7	1064.6	1083.5	1094.9	1106.3	1111.4	1116.4	1118.4
12.5°	1032.9	1055.8	1078.7	1095.8	1112.8	1121.1	1129.4	1132.2	1134.9	1135.2
15°	1050.8	1070.6	1090.4	1101.1	1111.8	1112.1	1112.4	1109.4	1106.5	1103.0
17.5°	1060.9	1074.3	1087.6	1087.8	1088.0	1076.0	1064.0	1053.0	1042.0	1034.2
20°	1072.0	1076.7	1081.3	1067.3	1053.2	1026.7	1000.2	981.0	961.7	949.8
22.5°	1084.9	1078.8	1072.7	1043.5	1014.4	975.5	936.5	912.4	888.3	875.2
25°	1101.5	1082.2	1063.0	1018.7	974.5	927.2	879.9	854.5	829.2	816.9
27.5°	1124.0	1089.6	1055.1	996.5	937.9	885.5	833.1	808.1	783.2	771.5
30°	1154.3	1103.0	1051.7	979.6	907.4	852.8	798.2	775.1	751.9	741.0
32.5°	1190.2	1119.9	1049.6	968.0	886.4	835.1	783.7	765.6	747.4	739.6
35°	1233.7	1147.7	1061.7	976.7	891.6	856.0	820.3	816.1	811.9	811.2
37.5°	1307.0	1205.9	1104.7	1027.4	950.1	947.8	945.5	964.8	984.2	994.3
40°	1417.8	1307.8	1197.7	1140.2	1082.8	1123.3	1163.9	1211.0	1258.1	1281.6
42.5°	1564.7	1455.5	1346.4	1313.2	1280.1	1368.6	1457.1	1542.8	1628.4	1678.7
45°	1746.1	1648.0	1550.0	1535.3	1520.7	1662.5	1804.3	1945.1	2085.8	2171.3
47.5°	1973.0	1877.6	1782.2	1779.2	1776.2	1980.8	2185.2	2391.3	2597.3	2718.3
50°	2270.3	2152.5	2034.7	2035.2	2035.7	2299.3	2562.9	2834.9	3106.8	3271.3
52.5°	2611.7	2469.0	2326.3	2311.9	2297.4	2612.3	2927.2	3263.7	3600.2	3797.3
55°	2975.1	2834.1	2693.1	2636.9	2580.6	2931.1	3281.5	3682.7	4083.8	4318.3
57.5°	3305.6	3228.9	3152.1	3039.2	2926.5	3280.3	3634.1	4088.5	4542.9	4833.6
60°	3505.4	3624.6	3743.9	3603.8	3463.7	3798.6	4133.4	4619.9	5106.4	5420.6
62.5°	3404.0	3729.8	4055.6	4039.8	4024.0	4330.8	4637.5	5100.4	5563.2	5853.6
65°	3200.9	3506.7	3812.5	3873.0	3933.5	4323.3	4713.2	5162.0	5610.8	5858.1
67.5°	2928.9	3219.7	3510.6	3539.0	3567.3	3973.5	4379.6	4830.4	5281.1	5474.8
70°	2602.1	2918.4	3234.8	3247.5	3260.2	3623.4	3986.6	4374.5	4762.4	4870.0
72.5°	2212.6	2575.6	2938.7	2947.8	2956.9	3241.1	3525.2	3815.8	4106.2	4117.1
75°	1719.9	2095.6	2471.4	2505.1	2538.8	2759.9	2981.0	3185.5	3390.0	3335.2
77.5°	1228.8	1579.6	1930.3	1978.6	2026.9	2195.0	2363.0	2508.1	2653.1	2559.0
80°	804.3	1099.3	1394.4	1454.4	1514.4	1641.4	1768.2	1844.4	1920.6	1769.1
82.5°	467.5	669.2	871.0	938.0	1005.1	1092.4	1179.8	1211.6	1243.3	1124.3
85°	205.7	312.8	419.8	476.8	533.9	605.7	677.4	695.5	713.5	618.1
87.5°	63.7	99.7	135.6	167.5	199.3	235.2	271.1	272.6	274.1	230.1
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°
771.8	0°	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8
853.3	2.5°	852.0	850.6	848.0	845.3	840.8	836.3	833.2	830.0	823.7	817.3
955.4	5°	951.8	948.2	942.3	936.4	925.4	914.5	903.5	892.5	878.5	864.4
1053.1	7.5°	1047.8	1042.6	1032.9	1023.2	1007.1	991.1	973.2	955.3	932.1	908.9
1116.4	10°	1111.4	1106.3	1094.9	1083.5	1064.6	1045.7	1024.6	1003.4	974.1	944.7
1134.9	12.5°	1132.2	1129.4	1121.1	1112.8	1095.8	1078.7	1055.8	1032.9	1000.7	968.4
1106.5	15°	1109.4	1112.4	1112.1	1111.8	1101.1	1090.4	1070.6	1050.8	1017.2	983.6
1042.0	17.5°	1053.0	1064.0	1076.0	1088.0	1087.8	1087.6	1074.3	1060.9	1026.8	992.7
961.7	20°	981.0	1000.2	1026.7	1053.2	1067.3	1081.3	1076.7	1072.0	1036.6	1001.1
888.3	22.5°	912.4	936.5	975.5	1014.4	1043.5	1072.7	1078.8	1084.9	1048.7	1012.5
829.2	25°	854.5	879.9	927.2	974.5	1018.7	1063.0	1082.2	1101.5	1066.0	1030.5
783.2	27.5°	808.1	833.1	885.5	937.9	996.5	1055.1	1089.6	1124.0	1090.2	1056.3
751.9	30°	775.1	798.2	852.8	907.4	979.6	1051.7	1103.0	1154.3	1121.6	1089.0
747.4	32.5°	765.6	783.7	835.1	886.4	968.0	1049.6	1119.9	1190.2	1157.8	1125.5
811.9	35°	816.1	820.3	856.0	891.6	976.7	1061.7	1147.7	1233.7	1202.7	1171.7
984.2	37.5°	964.8	945.5	947.8	950.1	1027.4	1104.7	1205.9	1307.0	1267.5	1228.0
1258.1	40°	1211.0	1163.9	1123.3	1082.8	1140.2	1197.7	1307.8	1417.8	1360.2	1302.6
1628.4	42.5°	1542.8	1457.1	1368.6	1280.1	1313.2	1346.4	1455.5	1564.7	1481.6	1398.5
2085.8	45°	1945.1	1804.3	1662.5	1520.7	1535.3	1550.0	1648.0	1746.1	1634.0	1521.9
2597.3	47.5°	2391.3	2185.2	1980.8	1776.2	1779.2	1782.2	1877.6	1973.0	1815.2	1657.4
3106.8	50°	2834.9	2562.9	2299.3	2035.7	2035.2	2034.7	2152.5	2270.3	2032.5	1794.6
3600.2	52.5°	3263.7	2927.2	2612.3	2297.4	2311.9	2326.3	2469.0	2611.7	2260.7	1909.7
4083.8	55°	3682.7	3281.5	2931.1	2580.6	2636.9	2693.1	2834.1	2975.1	2463.1	1951.1
4542.9	57.5°	4088.5	3634.1	3280.3	2926.5	3039.2	3152.1	3228.9	3305.6	2606.5	1907.3
5106.4	60°	4619.9	4133.4	3798.6	3463.7	3603.8	3743.9	3624.6	3505.4	2642.3	1779.2
5563.2	62.5°	5100.4	4637.5	4330.8	4024.0	4039.8	4055.6	3729.8	3404.0	2491.4	1578.9
5610.8	65°	5162.0	4713.2	4323.3	3933.5	3873.0	3812.5	3506.7	3200.9	2277.9	1354.9
5281.1	67.5°	4830.4	4379.6	3973.5	3567.3	3539.0	3510.6	3219.7	2928.9	2023.8	1118.7
4762.4	70°	4374.5	3986.6	3623.4	3260.2	3247.5	3234.8	2918.4	2602.1	1746.6	891.0
4106.2	72.5°	3815.8	3525.2	3241.1	2956.9	2947.8	2938.7	2575.6	2212.6	1446.0	679.4
3390.0	75°	3185.5	2981.0	2759.9	2538.8	2505.1	2471.4	2095.6	1719.9	1101.5	483.0
2653.1	77.5°	2508.1	2363.0	2195.0	2026.9	1978.6	1930.3	1579.6	1228.8	770.9	313.0
1920.6	80°	1844.4	1768.2	1641.4	1514.4	1454.4	1394.4	1099.3	804.3	496.7	189.1
1243.3	82.5°	1211.6	1179.8	1092.4	1005.1	938.0	871.0	669.2	467.5	287.5	107.5
713.5	85°	695.5	677.4	605.7	533.9	476.8	419.8	312.8	205.7	129.3	53.0
274.1	87.5°	272.6	271.1	235.2	199.3	167.5	135.6	99.7	63.7	42.4	21.0
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):

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
810.5	2.5°	803.8	797.0	790.1	783.6	777.1	770.8	763.8	758.1	752.4	747.3
850.4	5°	836.3	822.2	808.1	794.9	781.8	769.3	757.0	746.3	735.6	726.6
887.5	7.5°	866.0	845.1	824.3	805.9	787.5	770.5	754.6	740.3	726.1	714.2
916.4	10°	888.1	862.7	837.4	815.6	793.8	772.9	755.8	740.7	725.7	713.8
936.3	12.5°	904.2	874.3	844.4	819.8	795.2	773.2	757.3	744.9	732.7	724.8
948.8	15°	913.9	879.5	845.1	816.6	788.1	763.7	751.0	745.1	739.2	740.3
954.7	17.5°	916.7	876.7	836.8	802.5	768.2	739.6	731.7	733.9	736.0	748.9
959.4	20°	917.6	869.2	820.7	778.2	735.8	702.4	700.3	710.4	720.4	742.9
965.7	22.5°	918.8	859.9	800.9	749.8	698.6	660.6	664.7	679.6	694.5	720.1
977.0	25°	923.5	850.7	777.9	718.0	658.1	619.2	630.1	647.3	664.5	687.5
994.8	27.5°	933.3	844.5	755.8	688.9	622.0	586.6	599.9	616.5	633.1	652.0
1017.8	30°	946.6	841.7	736.7	664.6	592.6	562.9	573.3	586.5	599.7	615.4
1041.8	32.5°	958.2	838.1	718.0	643.7	569.4	545.4	550.1	557.8	565.6	578.2
1069.2	35°	966.7	831.4	696.3	623.1	550.0	530.0	528.1	530.2	532.4	541.9
1099.9	37.5°	971.7	820.0	668.2	598.9	529.6	512.1	505.0	502.7	500.3	507.2
1138.8	40°	974.9	804.2	633.5	570.0	506.5	490.6	479.8	474.4	469.1	474.0
1189.7	42.5°	980.9	787.9	595.0	538.1	481.2	466.6	453.0	445.9	438.8	442.8
1256.7	45°	991.5	772.8	554.1	504.2	454.3	439.5	426.3	419.4	412.5	415.9
1328.1	47.5°	998.7	760.3	521.8	477.4	433.0	413.9	402.6	396.8	391.0	394.2
1394.3	50°	994.0	746.6	499.3	459.6	419.9	394.8	381.6	376.5	371.3	376.3
1437.3	52.5°	964.8	723.6	482.5	447.9	413.3	384.4	366.0	360.9	355.9	363.3
1427.8	55°	904.5	685.5	466.4	439.4	412.3	385.5	357.7	349.7	341.6	352.3
1361.1	57.5°	814.9	631.7	448.4	429.3	410.2	386.5	352.7	341.0	329.3	340.7
1237.0	60°	694.8	561.8	428.9	413.9	398.9	383.3	348.1	332.9	317.6	327.7
1069.1	62.5°	559.4	478.3	397.1	387.1	377.2	375.3	342.6	323.6	304.6	311.0
897.9	65°	440.9	403.1	365.2	360.5	355.8	356.0	331.1	310.9	290.7	293.2
730.1	67.5°	341.6	330.8	320.0	322.7	325.3	324.6	310.6	293.8	277.0	276.2
574.9	70°	258.7	261.8	264.8	277.0	289.2	289.2	284.6	272.7	260.7	258.0
439.5	72.5°	199.6	208.8	218.1	235.4	252.7	255.6	255.7	247.5	239.3	235.3
319.0	75°	155.0	163.4	171.8	191.2	210.5	223.9	222.8	216.5	210.1	206.4
216.1	77.5°	119.3	125.0	130.8	149.6	168.4	190.4	189.8	184.8	179.7	175.9
139.3	80°	89.4	91.8	94.2	110.1	126.0	152.4	152.3	148.1	143.8	140.6
85.7	82.5°	63.9	64.3	64.8	76.5	88.3	110.8	112.0	109.9	107.9	105.6
45.8	85°	38.7	38.4	38.2	46.8	55.4	72.1	73.7	71.5	69.3	66.8
19.0	87.5°	16.9	16.7	16.5	20.0	23.5	30.5	32.6	31.7	30.8	30.3
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):

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
742.2	2.5°	737.7	733.3	728.8	724.3	720.8	717.3	714.5	711.7	709.5	707.3
717.6	5°	709.6	701.7	694.5	687.3	681.7	676.2	672.3	668.4	665.7	662.9
702.4	7.5°	692.4	682.4	673.6	664.8	658.2	651.6	647.0	642.3	639.2	636.0
702.0	10°	691.2	680.5	670.5	660.6	652.7	644.8	639.7	634.5	631.5	628.5
717.0	12.5°	708.5	700.1	689.8	679.6	669.5	659.4	652.8	646.1	642.8	639.4
741.3	15°	739.1	736.9	728.0	719.1	704.8	690.4	680.3	670.2	665.5	660.9
761.8	17.5°	768.7	775.5	768.3	761.2	742.2	723.2	708.3	693.3	686.5	679.6
765.3	20°	779.7	794.0	790.7	787.4	765.7	744.0	725.7	707.4	698.6	689.8
745.7	22.5°	764.4	783.1	785.1	787.1	766.4	745.6	726.8	707.9	698.7	689.4
710.5	25°	728.9	747.3	754.2	761.0	744.0	727.1	710.3	693.6	685.5	677.5
670.9	27.5°	685.6	700.4	708.0	715.7	703.6	691.5	678.5	665.5	660.1	654.7
631.1	30°	643.3	655.6	661.8	668.0	658.8	649.6	640.3	630.9	628.2	625.4
590.7	32.5°	602.5	614.2	621.1	628.0	619.6	611.1	603.6	596.2	594.4	592.6
551.5	35°	563.1	574.7	583.0	591.3	585.3	579.3	572.4	565.5	562.8	560.1
514.0	37.5°	525.6	537.2	547.5	557.7	554.9	552.1	545.8	539.5	534.5	529.5
479.0	40°	490.2	501.4	513.2	525.0	525.7	526.3	520.9	515.6	508.3	501.1
446.9	42.5°	457.5	468.1	480.8	493.6	497.0	500.4	495.9	491.4	482.3	473.3
419.3	45°	429.4	439.5	452.7	465.9	470.8	475.7	471.6	467.5	457.2	446.9
397.3	47.5°	407.2	417.0	430.0	443.1	448.7	454.3	451.5	448.6	439.5	430.3
381.3	50°	390.6	399.9	411.6	423.2	430.5	437.7	437.5	437.4	430.0	422.7
370.8	52.5°	379.3	387.8	398.7	409.6	418.2	426.7	428.3	429.8	423.8	417.8
362.9	55°	372.1	381.2	390.8	400.3	409.3	418.4	420.6	422.7	417.5	412.3
352.2	57.5°	362.9	373.7	383.1	392.6	401.7	410.9	413.0	415.2	409.9	404.6
337.7	60°	350.1	362.5	372.0	381.6	390.8	400.0	402.4	404.7	399.6	394.4
317.4	62.5°	331.8	346.2	356.4	366.7	375.1	383.5	385.8	388.1	383.4	378.8
295.6	65°	311.0	326.5	336.3	346.1	353.5	360.9	363.2	365.5	361.1	356.6
275.4	67.5°	289.7	304.0	313.3	322.5	328.9	335.3	337.6	339.9	335.7	331.7
255.4	70°	267.9	280.5	288.5	296.5	302.2	308.0	310.2	312.4	309.1	305.7
231.5	72.5°	241.4	251.2	258.4	265.7	271.3	277.0	279.6	282.2	279.4	276.6
202.6	75°	210.0	217.3	223.9	230.4	235.6	240.7	243.5	246.2	244.8	243.5
172.1	77.5°	178.1	184.1	189.7	195.3	200.7	206.1	208.7	211.2	209.3	207.4
137.4	80°	142.4	147.3	152.1	156.8	160.9	165.0	168.4	171.8	171.0	170.2
103.4	82.5°	103.0	102.5	100.9	99.2	108.0	116.8	122.5	128.2	127.9	127.5
64.3	85°	62.1	60.0	55.4	50.8	59.0	67.2	74.3	81.4	80.9	80.3
29.9	87.5°	29.8	29.7	26.2	22.7	26.1	29.6	32.4	35.3	34.6	33.8
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
705.3	2.5°	703.3	700.8	703.3	705.3	707.3	709.5	711.7	714.5	717.3	720.8
660.8	5°	658.7	656.6	658.7	660.8	662.9	665.7	668.4	672.3	676.2	681.7
634.1	7.5°	632.3	630.9	632.3	634.1	636.0	639.2	642.3	647.0	651.6	658.2
626.9	10°	625.3	624.6	625.3	626.9	628.5	631.5	634.5	639.7	644.8	652.7
638.1	12.5°	636.7	636.5	636.7	638.1	639.4	642.8	646.1	652.8	659.4	669.5
659.1	15°	657.4	657.2	657.4	659.1	660.9	665.5	670.2	680.3	690.4	704.8
677.3	17.5°	675.0	674.7	675.0	677.3	679.6	686.5	693.3	708.3	723.2	742.2
687.0	20°	684.2	683.3	684.2	687.0	689.8	698.6	707.4	725.7	744.0	765.7
686.2	22.5°	683.1	681.8	683.1	686.2	689.4	698.7	707.9	726.8	745.6	766.4
674.6	25°	671.7	670.0	671.7	674.6	677.5	685.5	693.6	710.3	727.1	744.0
653.4	27.5°	652.0	651.6	652.0	653.4	654.7	660.1	665.5	678.5	691.5	703.6
625.4	30°	625.4	625.8	625.4	625.4	625.4	628.2	630.9	640.3	649.6	658.8
592.8	32.5°	593.1	593.5	593.1	592.8	592.6	594.4	596.2	603.6	611.1	619.6
559.5	35°	558.9	558.6	558.9	559.5	560.1	562.8	565.5	572.4	579.3	585.3
526.9	37.5°	524.2	522.8	524.2	526.9	529.5	534.5	539.5	545.8	552.1	554.9
496.2	40°	491.3	488.4	491.3	496.2	501.1	508.3	515.6	520.9	526.3	525.7
466.2	42.5°	459.0	454.3	459.0	466.2	473.3	482.3	491.4	495.9	500.4	497.0
438.5	45°	430.1	424.7	430.1	438.5	446.9	457.2	467.5	471.6	475.7	470.8
422.5	47.5°	414.8	409.6	414.8	422.5	430.3	439.5	448.6	451.5	454.3	448.7
415.5	50°	408.4	403.4	408.4	415.5	422.7	430.0	437.4	437.5	437.7	430.5
411.4	52.5°	405.0	400.4	405.0	411.4	417.8	423.8	429.8	428.3	426.7	418.2
406.7	55°	401.0	396.9	401.0	406.7	412.3	417.5	422.7	420.6	418.4	409.3
399.1	57.5°	393.5	389.2	393.5	399.1	404.6	409.9	415.2	413.0	410.9	401.7
388.7	60°	383.0	378.5	383.0	388.7	394.4	399.6	404.7	402.4	400.0	390.8
372.7	62.5°	366.7	361.3	366.7	372.7	378.8	383.4	388.1	385.8	383.5	375.1
350.7	65°	344.9	340.3	344.9	350.7	356.6	361.1	365.5	363.2	360.9	353.5
326.2	67.5°	320.8	316.6	320.8	326.2	331.7	335.7	339.9	337.6	335.3	328.9
300.5	70°	295.3	290.5	295.3	300.5	305.7	309.1	312.4	310.2	308.0	302.2
271.7	72.5°	266.7	262.1	266.7	271.7	276.6	279.4	282.2	279.6	277.0	271.3
239.3	75°	235.1	230.7	235.1	239.3	243.5	244.8	246.2	243.5	240.7	235.6
203.2	77.5°	199.0	195.5	199.0	203.2	207.4	209.3	211.2	208.7	206.1	200.7
164.5	80°	158.8	152.2	158.8	164.5	170.2	171.0	171.8	168.4	165.0	160.9
122.7	82.5°	117.9	113.7	117.9	122.7	127.5	127.9	128.2	122.5	116.8	108.0
76.5	85°	72.8	69.0	72.8	76.5	80.3	80.9	81.4	74.3	67.2	59.0
31.9	87.5°	30.0	28.1	30.0	31.9	33.8	34.6	35.3	32.4	29.6	26.1
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°
771.8	0°	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8	771.8
724.3	2.5°	728.8	733.3	737.7	742.2	747.3	752.4	758.1	763.8	770.8	777.1
687.3	5°	694.5	701.7	709.6	717.6	726.6	735.6	746.3	757.0	769.3	781.8
664.8	7.5°	673.6	682.4	692.4	702.4	714.2	726.1	740.3	754.6	770.5	787.5
660.6	10°	670.5	680.5	691.2	702.0	713.8	725.7	740.7	755.8	772.9	793.8
679.6	12.5°	689.8	700.1	708.5	717.0	724.8	732.7	744.9	757.3	773.2	795.2
719.1	15°	728.0	736.9	739.1	741.3	740.3	739.2	745.1	751.0	763.7	788.1
761.2	17.5°	768.3	775.5	768.7	761.8	748.9	736.0	733.9	731.7	739.6	768.2
787.4	20°	790.7	794.0	779.7	765.3	742.9	720.4	710.4	700.3	702.4	735.8
787.1	22.5°	785.1	783.1	764.4	745.7	720.1	694.5	679.6	664.7	660.6	698.6
761.0	25°	754.2	747.3	728.9	710.5	687.5	664.5	647.3	630.1	619.2	658.1
715.7	27.5°	708.0	700.4	685.6	670.9	652.0	633.1	616.5	599.9	586.6	622.0
668.0	30°	661.8	655.6	643.3	631.1	615.4	599.7	586.5	573.3	562.9	592.6
628.0	32.5°	621.1	614.2	602.5	590.7	578.2	565.6	557.8	550.1	545.4	569.4
591.3	35°	583.0	574.7	563.1	551.5	541.9	532.4	530.2	528.1	530.0	550.0
557.7	37.5°	547.5	537.2	525.6	514.0	507.2	500.3	502.7	505.0	512.1	529.6
525.0	40°	513.2	501.4	490.2	479.0	474.0	469.1	474.4	479.8	490.6	506.5
493.6	42.5°	480.8	468.1	457.5	446.9	442.8	438.8	445.9	453.0	466.6	481.2
465.9	45°	452.7	439.5	429.4	419.3	415.9	412.5	419.4	426.3	439.5	454.3
443.1	47.5°	430.0	417.0	407.2	397.3	394.2	391.0	396.8	402.6	413.9	433.0
423.2	50°	411.6	399.9	390.6	381.3	376.3	371.3	376.5	381.6	394.8	419.9
409.6	52.5°	398.7	387.8	379.3	370.8	363.3	355.9	360.9	366.0	384.4	413.3
400.3	55°	390.8	381.2	372.1	362.9	352.3	341.6	349.7	357.7	385.5	412.3
392.6	57.5°	383.1	373.7	362.9	352.2	340.7	329.3	341.0	352.7	386.5	410.2
381.6	60°	372.0	362.5	350.1	337.7	327.7	317.6	332.9	348.1	383.3	398.9
366.7	62.5°	356.4	346.2	331.8	317.4	311.0	304.6	323.6	342.6	375.3	377.2
346.1	65°	336.3	326.5	311.0	295.6	293.2	290.7	310.9	331.1	356.0	355.8
322.5	67.5°	313.3	304.0	289.7	275.4	276.2	277.0	293.8	310.6	324.6	325.3
296.5	70°	288.5	280.5	267.9	255.4	258.0	260.7	272.7	284.6	289.2	289.2
265.7	72.5°	258.4	251.2	241.4	231.5	235.3	239.3	247.5	255.7	255.6	252.7
230.4	75°	223.9	217.3	210.0	202.6	206.4	210.1	216.5	222.8	223.9	210.5
195.3	77.5°	189.7	184.1	178.1	172.1	175.9	179.7	184.8	189.8	190.4	168.4
156.8	80°	152.1	147.3	142.4	137.4	140.6	143.8	148.1	152.3	152.4	126.0
99.2	82.5°	100.9	102.5	103.0	103.4	105.6	107.9	109.9	112.0	110.8	88.3
50.8	85°	55.4	60.0	62.1	64.3	66.8	69.3	71.5	73.7	72.1	55.4
22.7	87.5°	26.2	29.7	29.8	29.9	30.3	30.8	31.7	32.6	30.5	23.5
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):

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
783.6	2.5°	790.1	797.0	803.8	810.5	817.3	823.7	830.0
794.9	5°	808.1	822.2	836.3	850.4	864.4	878.5	892.5
805.9	7.5°	824.3	845.1	866.0	887.5	908.9	932.1	955.3
815.6	10°	837.4	862.7	888.1	916.4	944.7	974.1	1003.4
819.8	12.5°	844.4	874.3	904.2	936.3	968.4	1000.7	1032.9
816.6	15°	845.1	879.5	913.9	948.8	983.6	1017.2	1050.8
802.5	17.5°	836.8	876.7	916.7	954.7	992.7	1026.8	1060.9
778.2	20°	820.7	869.2	917.6	959.4	1001.1	1036.6	1072.0
749.8	22.5°	800.9	859.9	918.8	965.7	1012.5	1048.7	1084.9
718.0	25°	777.9	850.7	923.5	977.0	1030.5	1066.0	1101.5
688.9	27.5°	755.8	844.5	933.3	994.8	1056.3	1090.2	1124.0
664.6	30°	736.7	841.7	946.6	1017.8	1089.0	1121.6	1154.3
643.7	32.5°	718.0	838.1	958.2	1041.8	1125.5	1157.8	1190.2
623.1	35°	696.3	831.4	966.7	1069.2	1171.7	1202.7	1233.7
598.9	37.5°	668.2	820.0	971.7	1099.9	1228.0	1267.5	1307.0
570.0	40°	633.5	804.2	974.9	1138.8	1302.6	1360.2	1417.8
538.1	42.5°	595.0	787.9	980.9	1189.7	1398.5	1481.6	1564.7
504.2	45°	554.1	772.8	991.5	1256.7	1521.9	1634.0	1746.1
477.4	47.5°	521.8	760.3	998.7	1328.1	1657.4	1815.2	1973.0
459.6	50°	499.3	746.6	994.0	1394.3	1794.6	2032.5	2270.3
447.9	52.5°	482.5	723.6	964.8	1437.3	1909.7	2260.7	2611.7
439.4	55°	466.4	685.5	904.5	1427.8	1951.1	2463.1	2975.1
429.3	57.5°	448.4	631.7	814.9	1361.1	1907.3	2606.5	3305.6
413.9	60°	428.9	561.8	694.8	1237.0	1779.2	2642.3	3505.4
387.1	62.5°	397.1	478.3	559.4	1069.1	1578.9	2491.4	3404.0
360.5	65°	365.2	403.1	440.9	897.9	1354.9	2277.9	3200.9
322.7	67.5°	320.0	330.8	341.6	730.1	1118.7	2023.8	2928.9
277.0	70°	264.8	261.8	258.7	574.9	891.0	1746.6	2602.1
235.4	72.5°	218.1	208.8	199.6	439.5	679.4	1446.0	2212.6
191.2	75°	171.8	163.4	155.0	319.0	483.0	1101.5	1719.9
149.6	77.5°	130.8	125.0	119.3	216.1	313.0	770.9	1228.8
110.1	80°	94.2	91.8	89.4	139.3	189.1	496.7	804.3
76.5	82.5°	64.8	64.3	63.9	85.7	107.5	287.5	467.5
46.8	85°	38.2	38.4	38.7	45.8	53.0	129.3	205.7
20.0	87.5°	16.5	16.7	16.9	19.0	21.0	42.4	63.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)