

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: P945365

Luminaire Tested: **GALN-SB1B-830-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945365
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-830-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 80 CRI, 3000K, 450mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5043 lumens
Efficiency: N/A
Efficacy: 126.7 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

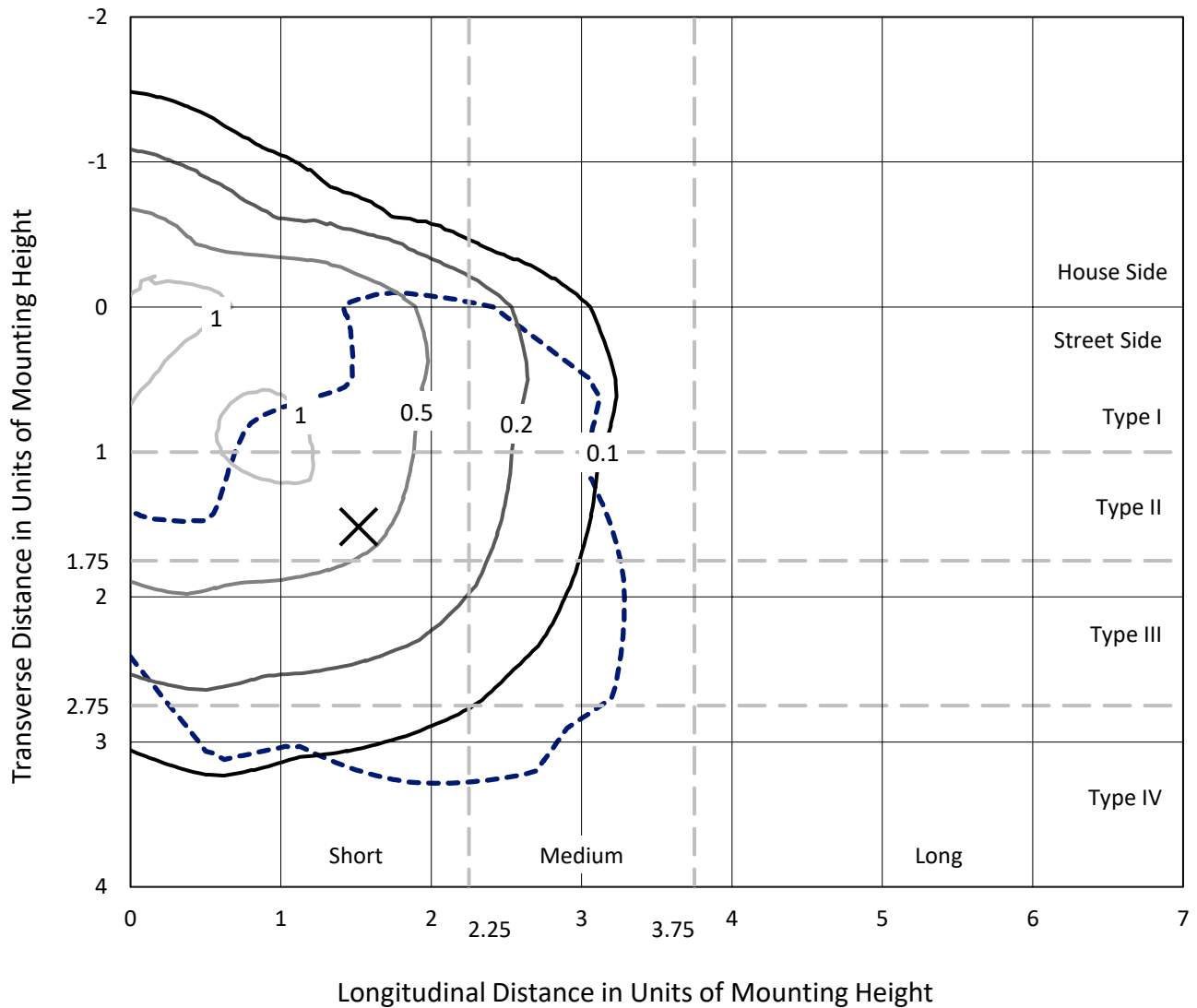
Input Watts (W): 39.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

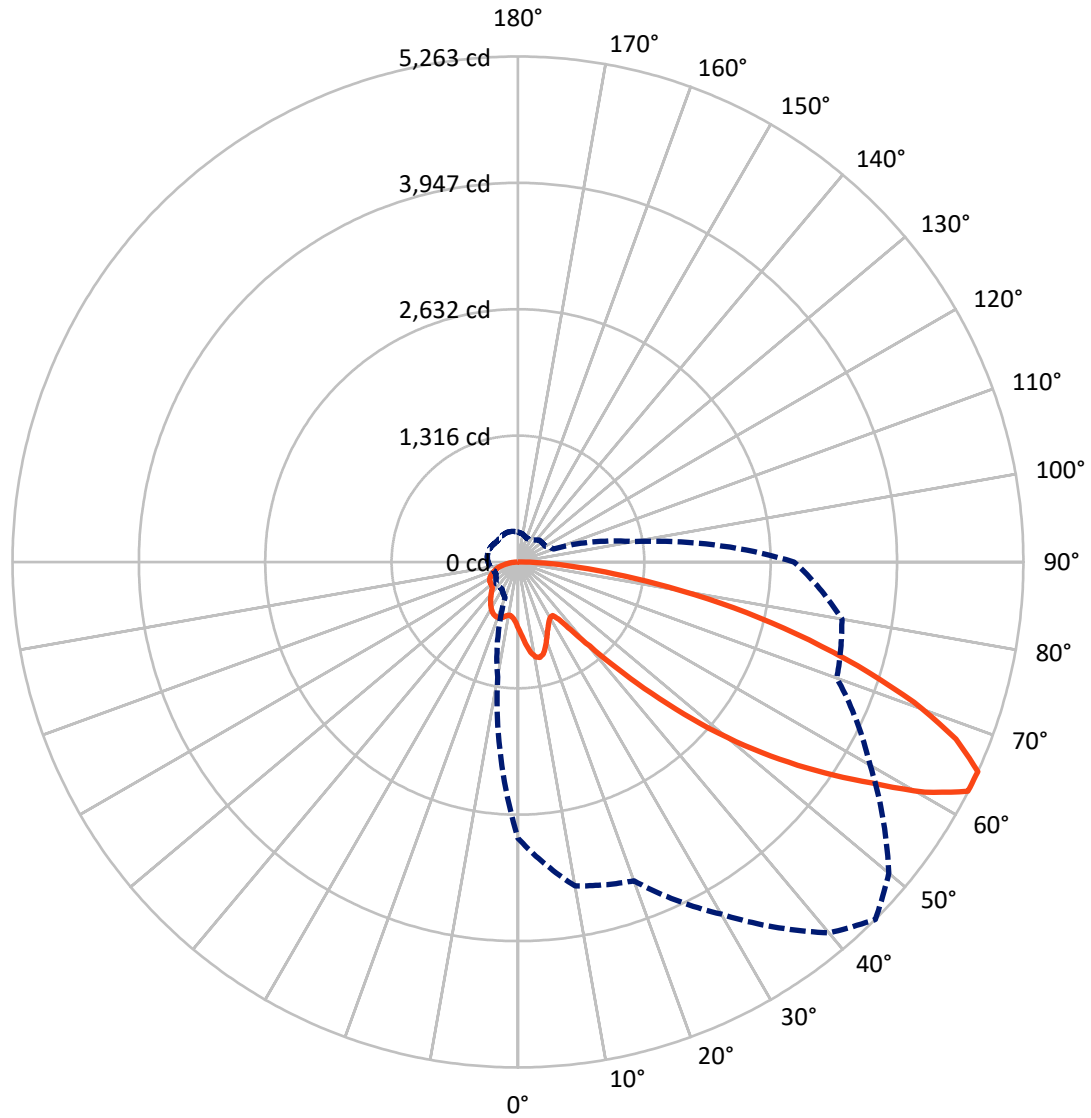
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.5 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

REPORT NUMBER: P945365

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1281.7	0.0	1281.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	3761.3	0.0	3761.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	5043.0	0.0	5043.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.8	1.4
10°-20°	215.9	4.3
20°-30°	333.6	6.6
30°-40°	422.7	8.4
40°-50°	637.6	12.6
50°-60°	1030.1	20.4
60°-70°	1284.1	25.5
70°-80°	842.1	16.7
80°-90°	208.2	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°	5043.0	100.0
0°-180°	5043.0	100.0

Coefficient of Utilization



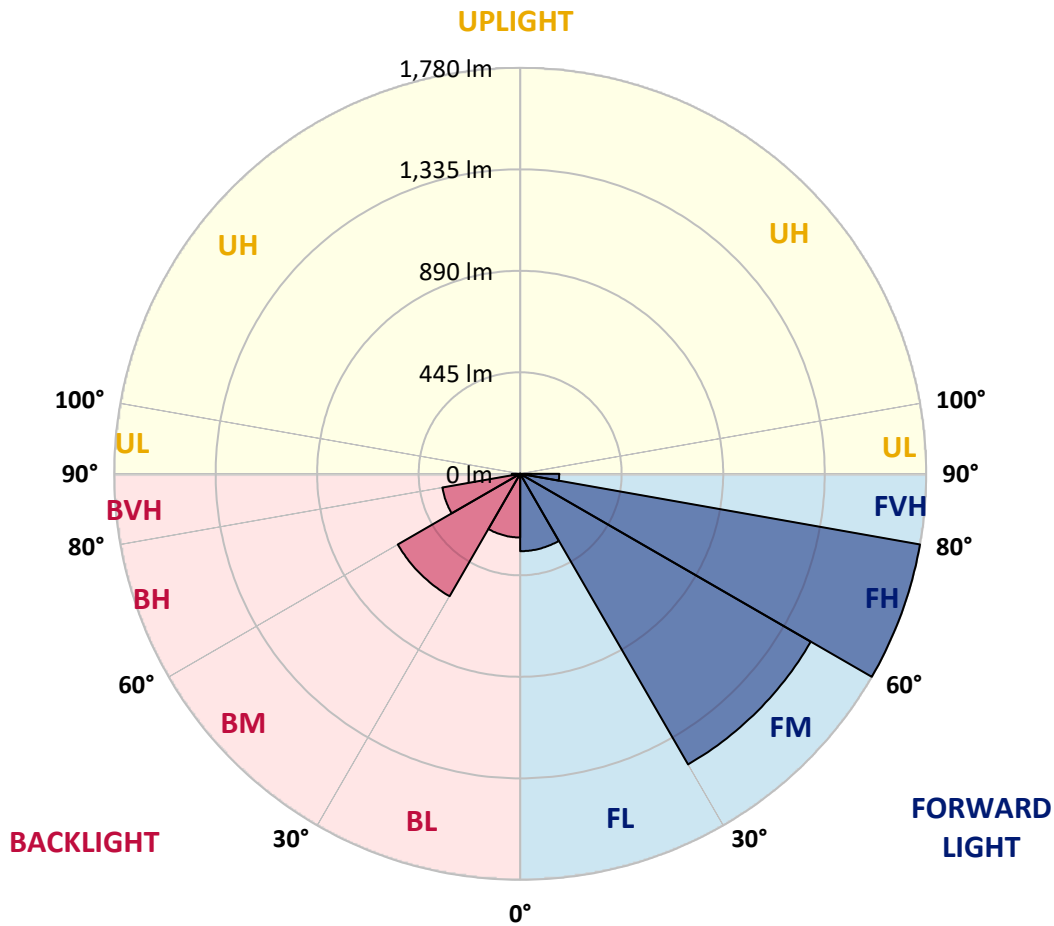
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	339.2	6.7			
FM (30°-60°)	1470.9	29.2			
FH (60°-80°)	1779.7	35.3			G1/1800
FVH (80°-90°)	171.5	3.4			G2/225
BL (0°-30°)	279.1	5.5	B1/500		
BM (30°-60°)	619.4	12.3	B1/1000		
BH (60°-80°)	346.5	6.9	B1/500		G1/500
BVH (80°-90°)	36.7	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°	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5
2.5°	745.7	748.6	751.4	755.4	759.4	761.8	764.2	765.4	766.6	766.1
5°	801.9	811.8	821.7	831.5	841.3	846.6	851.9	855.1	858.4	860.8
7.5°	858.3	874.4	890.4	904.9	919.3	928.0	936.7	941.4	946.1	948.4
10°	901.5	920.5	939.5	956.5	973.4	983.7	993.9	998.5	1003.1	1004.8
12.5°	928.0	948.6	969.2	984.5	999.8	1007.2	1014.7	1017.2	1019.7	1020.0
15°	944.1	961.9	979.6	989.3	998.9	999.2	999.4	996.8	994.1	991.0
17.5°	953.2	965.2	977.2	977.4	977.5	966.7	956.0	946.1	936.2	929.2
20°	963.1	967.3	971.5	958.9	946.3	922.5	898.7	881.3	864.0	853.4
22.5°	974.7	969.2	963.8	937.6	911.4	876.4	841.4	819.7	798.1	786.3
25°	989.6	972.3	955.0	915.3	875.5	833.0	790.5	767.8	745.0	733.9
27.5°	1009.8	978.9	948.0	895.3	842.7	795.6	748.5	726.1	703.7	693.2
30°	1037.1	991.0	944.9	880.1	815.3	766.2	717.1	696.4	675.6	665.8
32.5°	1069.3	1006.2	943.1	869.7	796.4	750.3	704.2	687.8	671.5	664.5
35°	1108.4	1031.2	953.9	877.5	801.1	769.1	737.0	733.2	729.4	728.8
37.5°	1174.3	1083.4	992.5	923.0	853.6	851.5	849.4	866.8	884.2	893.3
40°	1273.8	1175.0	1076.1	1024.5	972.8	1009.3	1045.7	1088.0	1130.3	1151.4
42.5°	1405.8	1307.7	1209.6	1179.9	1150.1	1229.6	1309.2	1386.1	1463.1	1508.3
45°	1568.8	1480.7	1392.6	1379.4	1366.3	1493.7	1621.1	1747.5	1874.0	1950.8
47.5°	1772.6	1686.9	1601.2	1598.5	1595.9	1779.6	1963.3	2148.5	2333.6	2442.3
50°	2039.8	1933.9	1828.1	1828.5	1829.0	2065.8	2302.6	2547.0	2791.3	2939.1
52.5°	2346.5	2218.3	2090.1	2077.1	2064.1	2347.0	2629.9	2932.3	3234.6	3411.7
55°	2673.0	2546.3	2419.6	2369.1	2318.6	2633.4	2948.3	3308.7	3669.1	3879.7
57.5°	2969.9	2901.0	2832.0	2730.6	2629.3	2947.2	3265.1	3673.3	4081.6	4342.7
60°	3149.4	3256.6	3363.7	3237.8	3112.0	3412.8	3713.7	4150.8	4587.9	4870.2
62.5°	3058.3	3351.0	3643.8	3629.6	3615.4	3891.0	4166.6	4582.5	4998.3	5259.2
65°	2875.9	3150.6	3425.4	3479.7	3534.1	3884.3	4234.6	4637.8	5041.0	5263.2
67.5°	2631.5	2892.8	3154.1	3179.6	3205.0	3570.0	3934.9	4339.8	4744.8	4918.9
70°	2337.8	2622.0	2906.3	2917.7	2929.1	3255.4	3581.8	3930.3	4278.8	4375.5
72.5°	1987.9	2314.1	2640.2	2648.4	2656.6	2911.9	3167.3	3428.3	3689.3	3699.1
75°	1545.2	1882.8	2220.4	2250.7	2281.0	2479.7	2678.3	2862.0	3045.8	2996.5
77.5°	1104.0	1419.2	1734.3	1777.7	1821.1	1972.1	2123.1	2253.4	2383.7	2299.1
80°	722.6	987.7	1252.8	1306.7	1360.6	1474.7	1588.7	1657.1	1725.5	1589.4
82.5°	420.0	601.3	782.5	842.8	903.0	981.5	1060.0	1088.6	1117.1	1010.1
85°	184.8	281.0	377.2	428.4	479.6	544.1	608.6	624.8	641.0	555.4
87.5°	57.2	89.5	121.9	150.5	179.0	211.3	243.5	244.9	246.3	206.8
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°
693.5	0°	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5
766.6	2.5°	765.4	764.2	761.8	759.4	755.4	751.4	748.6	745.7	740.0	734.3
858.4	5°	855.1	851.9	846.6	841.3	831.5	821.7	811.8	801.9	789.3	776.6
946.1	7.5°	941.4	936.7	928.0	919.3	904.9	890.4	874.4	858.3	837.4	816.6
1003.1	10°	998.5	993.9	983.7	973.4	956.5	939.5	920.5	901.5	875.2	848.8
1019.7	12.5°	1017.2	1014.7	1007.2	999.8	984.5	969.2	948.6	928.0	899.0	870.1
994.1	15°	996.8	999.4	999.2	998.9	989.3	979.6	961.9	944.1	913.9	883.7
936.2	17.5°	946.1	956.0	966.7	977.5	977.4	977.2	965.2	953.2	922.5	891.9
864.0	20°	881.3	898.7	922.5	946.3	958.9	971.5	967.3	963.1	931.3	899.5
798.1	22.5°	819.7	841.4	876.4	911.4	937.6	963.8	969.2	974.7	942.2	909.7
745.0	25°	767.8	790.5	833.0	875.5	915.3	955.0	972.3	989.6	957.7	925.9
703.7	27.5°	726.1	748.5	795.6	842.7	895.3	948.0	978.9	1009.8	979.5	949.0
675.6	30°	696.4	717.1	766.2	815.3	880.1	944.9	991.0	1037.1	1007.7	978.4
671.5	32.5°	687.8	704.2	750.3	796.4	869.7	943.1	1006.2	1069.3	1040.2	1011.2
729.4	35°	733.2	737.0	769.1	801.1	877.5	953.9	1031.2	1108.4	1080.6	1052.7
884.2	37.5°	866.8	849.4	851.5	853.6	923.0	992.5	1083.4	1174.3	1138.8	1103.3
1130.3	40°	1088.0	1045.7	1009.3	972.8	1024.5	1076.1	1175.0	1273.8	1222.1	1170.4
1463.1	42.5°	1386.1	1309.2	1229.6	1150.1	1179.9	1209.6	1307.7	1405.8	1331.1	1256.5
1874.0	45°	1747.5	1621.1	1493.7	1366.3	1379.4	1392.6	1480.7	1568.8	1468.1	1367.4
2333.6	47.5°	2148.5	1963.3	1779.6	1595.9	1598.5	1601.2	1686.9	1772.6	1630.9	1489.1
2791.3	50°	2547.0	2302.6	2065.8	1829.0	1828.5	1828.1	1933.9	2039.8	1826.1	1612.4
3234.6	52.5°	2932.3	2629.9	2347.0	2064.1	2077.1	2090.1	2218.3	2346.5	2031.1	1715.8
3669.1	55°	3308.7	2948.3	2633.4	2318.6	2369.1	2419.6	2546.3	2673.0	2212.9	1752.9
4081.6	57.5°	3673.3	3265.1	2947.2	2629.3	2730.6	2832.0	2901.0	2969.9	2341.8	1713.6
4587.9	60°	4150.8	3713.7	3412.8	3112.0	3237.8	3363.7	3256.6	3149.4	2374.0	1598.5
4998.3	62.5°	4582.5	4166.6	3891.0	3615.4	3629.6	3643.8	3351.0	3058.3	2238.4	1418.5
5041.0	65°	4637.8	4234.6	3884.3	3534.1	3479.7	3425.4	3150.6	2875.9	2046.6	1217.3
4744.8	67.5°	4339.8	3934.9	3570.0	3205.0	3179.6	3154.1	2892.8	2631.5	1818.3	1005.1
4278.8	70°	3930.3	3581.8	3255.4	2929.1	2917.7	2906.3	2622.0	2337.8	1569.2	800.6
3689.3	72.5°	3428.3	3167.3	2911.9	2656.6	2648.4	2640.2	2314.1	1987.9	1299.2	610.4
3045.8	75°	2862.0	2678.3	2479.7	2281.0	2250.7	2220.4	1882.8	1545.2	989.6	434.0
2383.7	77.5°	2253.4	2123.1	1972.1	1821.1	1777.7	1734.3	1419.2	1104.0	692.6	281.2
1725.5	80°	1657.1	1588.7	1474.7	1360.6	1306.7	1252.8	987.7	722.6	446.2	169.9
1117.1	82.5°	1088.6	1060.0	981.5	903.0	842.8	782.5	601.3	420.0	258.3	96.5
641.0	85°	624.8	608.6	544.1	479.6	428.4	377.2	281.0	184.8	116.2	47.6
246.3	87.5°	244.9	243.5	211.3	179.0	150.5	121.9	89.5	57.2	38.1	18.9
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
693.5	0°	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5
728.2	2.5°	722.1	716.0	709.9	704.0	698.2	692.5	686.2	681.1	676.0	671.4
764.0	5°	751.4	738.7	726.1	714.2	702.4	691.2	680.2	670.5	660.9	652.8
797.3	7.5°	778.1	759.3	740.6	724.0	707.5	692.3	678.0	665.1	652.3	641.7
823.3	10°	797.9	775.1	752.3	732.8	713.2	694.4	679.0	665.5	652.0	641.4
841.2	12.5°	812.4	785.5	758.7	736.5	714.4	694.7	680.4	669.3	658.3	651.2
852.4	15°	821.1	790.2	759.2	733.6	708.0	686.1	674.7	669.4	664.1	665.1
857.8	17.5°	823.6	787.7	751.8	721.0	690.2	664.5	657.4	659.3	661.3	672.9
862.0	20°	824.4	780.9	737.4	699.2	661.0	631.1	629.2	638.2	647.3	667.4
867.6	22.5°	825.5	772.5	719.6	673.6	627.7	593.5	597.2	610.6	624.0	646.9
877.8	25°	829.7	764.3	698.9	645.1	591.3	556.3	566.1	581.6	597.0	617.7
893.8	27.5°	838.5	758.8	679.1	619.0	558.9	527.0	539.0	553.9	568.8	585.8
914.5	30°	850.5	756.2	661.8	597.2	532.5	505.7	515.1	526.9	538.8	552.9
936.0	32.5°	860.9	753.0	645.1	578.3	511.6	490.0	494.2	501.2	508.2	519.5
960.6	35°	868.5	747.0	625.5	559.8	494.1	476.2	474.5	476.4	478.3	486.9
988.2	37.5°	873.0	736.7	600.4	538.1	475.8	460.1	453.8	451.6	449.5	455.7
1023.1	40°	875.9	722.5	569.2	512.1	455.0	440.8	431.1	426.3	421.4	425.9
1068.9	42.5°	881.3	707.9	534.5	483.5	432.4	419.2	407.0	400.6	394.2	397.8
1129.1	45°	890.8	694.3	497.8	453.0	408.2	394.9	383.1	376.8	370.6	373.7
1193.2	47.5°	897.3	683.1	468.8	428.9	389.0	371.9	361.7	356.5	351.3	354.1
1252.7	50°	893.0	670.8	448.6	412.9	377.3	354.7	342.9	338.2	333.6	338.1
1291.3	52.5°	866.8	650.1	433.5	402.4	371.3	345.4	328.8	324.3	319.7	326.5
1282.8	55°	812.7	615.9	419.1	394.8	370.5	346.3	321.4	314.2	306.9	316.5
1222.9	57.5°	732.2	567.5	402.9	385.7	368.5	347.3	316.9	306.4	295.8	306.1
1111.4	60°	624.2	504.8	385.4	371.9	358.4	344.3	312.7	299.1	285.4	294.4
960.6	62.5°	502.6	429.7	356.8	347.8	338.9	337.1	307.8	290.7	273.7	279.4
806.7	65°	396.2	362.1	328.1	323.9	319.6	319.9	297.5	279.4	261.2	263.4
656.0	67.5°	306.9	297.2	287.5	289.9	292.2	291.6	279.1	264.0	248.9	248.2
516.5	70°	232.4	235.2	237.9	248.9	259.8	259.8	255.7	245.0	234.2	231.8
394.9	72.5°	179.3	187.6	196.0	211.5	227.0	229.6	229.7	222.3	215.0	211.4
286.6	75°	139.2	146.8	154.3	171.7	189.1	201.2	200.2	194.5	188.8	185.4
194.2	77.5°	107.2	112.3	117.5	134.4	151.3	171.1	170.6	166.0	161.5	158.1
125.1	80°	80.4	82.5	84.6	98.9	113.2	136.9	136.8	133.0	129.2	126.3
77.0	82.5°	57.4	57.8	58.2	68.8	79.3	99.5	100.6	98.8	96.9	94.9
41.1	85°	34.7	34.5	34.3	42.0	49.8	64.8	66.3	64.3	62.3	60.0
17.1	87.5°	15.2	15.0	14.8	18.0	21.2	27.4	29.3	28.5	27.7	27.2
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
693.5	0°	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5
666.8	2.5°	662.8	658.8	654.8	650.7	647.6	644.5	642.0	639.4	637.5	635.5
644.7	5°	637.6	630.4	624.0	617.5	612.5	607.5	604.0	600.5	598.1	595.6
631.1	7.5°	622.1	613.1	605.2	597.3	591.3	585.4	581.3	577.1	574.3	571.4
630.7	10°	621.1	611.4	602.4	593.5	586.5	579.4	574.7	570.0	567.4	564.7
644.2	12.5°	636.6	629.0	619.8	610.6	601.5	592.5	586.5	580.5	577.5	574.5
666.0	15°	664.1	662.1	654.1	646.1	633.2	620.3	611.2	602.1	598.0	593.8
684.5	17.5°	690.6	696.8	690.3	683.9	666.8	649.8	636.4	622.9	616.8	610.6
687.6	20°	700.5	713.4	710.4	707.4	687.9	668.4	652.0	635.6	627.7	619.7
670.0	22.5°	686.8	703.6	705.4	707.2	688.5	669.9	653.0	636.0	627.7	619.3
638.4	25°	654.9	671.4	677.6	683.7	668.5	653.2	638.2	623.2	615.9	608.7
602.8	27.5°	616.0	629.3	636.1	643.0	632.1	621.3	609.6	597.9	593.1	588.2
567.0	30°	578.0	589.0	594.6	600.2	591.9	583.6	575.3	566.8	564.4	561.9
530.7	32.5°	541.3	551.8	558.0	564.3	556.7	549.0	542.3	535.7	534.0	532.4
495.5	35°	505.9	516.4	523.8	531.3	525.8	520.4	514.3	508.1	505.6	503.2
461.8	37.5°	472.2	482.7	491.9	501.1	498.6	496.1	490.4	484.7	480.2	475.7
430.3	40°	440.4	450.5	461.0	471.7	472.3	472.9	468.0	463.2	456.7	450.2
401.5	42.5°	411.0	420.6	432.0	443.5	446.5	449.6	445.5	441.5	433.3	425.2
376.7	45°	385.8	394.8	406.7	418.6	423.0	427.4	423.7	420.0	410.8	401.5
357.0	47.5°	365.8	374.7	386.4	398.1	403.1	408.2	405.6	403.1	394.8	386.6
342.6	50°	351.0	359.3	369.8	380.3	386.7	393.2	393.1	393.0	386.4	379.8
333.2	52.5°	340.8	348.5	358.2	368.0	375.7	383.4	384.8	386.2	380.8	375.4
326.0	55°	334.3	342.5	351.1	359.6	367.8	375.9	377.9	379.8	375.1	370.4
316.4	57.5°	326.1	335.8	344.2	352.7	360.9	369.1	371.1	373.0	368.3	363.5
303.4	60°	314.5	325.7	334.2	342.9	351.1	359.4	361.5	363.6	359.0	354.4
285.1	62.5°	298.1	311.1	320.3	329.4	337.0	344.5	346.6	348.6	344.5	340.3
265.6	65°	279.5	293.4	302.2	310.9	317.6	324.2	326.3	328.4	324.4	320.4
247.5	67.5°	260.3	273.2	281.5	289.8	295.5	301.3	303.3	305.3	301.7	298.0
229.4	70°	240.7	252.0	259.2	266.4	271.6	276.7	278.7	280.7	277.7	274.7
208.0	72.5°	216.8	225.7	232.2	238.7	243.8	248.9	251.2	253.5	251.0	248.5
182.1	75°	188.7	195.3	201.1	207.0	211.7	216.3	218.7	221.2	220.0	218.7
154.7	77.5°	160.0	165.4	170.4	175.5	180.4	185.2	187.5	189.8	188.1	186.3
123.5	80°	127.9	132.4	136.6	140.9	144.6	148.3	151.3	154.3	153.6	152.9
92.9	82.5°	92.5	92.1	90.6	89.1	97.0	104.9	110.1	115.2	114.9	114.6
57.7	85°	55.8	53.9	49.8	45.6	53.0	60.4	66.8	73.2	72.6	72.1
26.8	87.5°	26.7	26.7	23.5	20.4	23.4	26.6	29.1	31.7	31.1	30.4
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
693.5	0°	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5
633.7	2.5°	631.9	629.6	631.9	633.7	635.5	637.5	639.4	642.0	644.5	647.6
593.7	5°	591.8	589.9	591.8	593.7	595.6	598.1	600.5	604.0	607.5	612.5
569.7	7.5°	568.1	566.8	568.1	569.7	571.4	574.3	577.1	581.3	585.4	591.3
563.2	10°	561.8	561.2	561.8	563.2	564.7	567.4	570.0	574.7	579.4	586.5
573.3	12.5°	572.1	571.8	572.1	573.3	574.5	577.5	580.5	586.5	592.5	601.5
592.2	15°	590.6	590.5	590.6	592.2	593.8	598.0	602.1	611.2	620.3	633.2
608.5	17.5°	606.5	606.2	606.5	608.5	610.6	616.8	622.9	636.4	649.8	666.8
617.2	20°	614.7	613.9	614.7	617.2	619.7	627.7	635.6	652.0	668.4	687.9
616.6	22.5°	613.8	612.6	613.8	616.6	619.3	627.7	636.0	653.0	669.9	688.5
606.1	25°	603.5	601.9	603.5	606.1	608.7	615.9	623.2	638.2	653.2	668.5
587.0	27.5°	585.8	585.4	585.8	587.0	588.2	593.1	597.9	609.6	621.3	632.1
561.9	30°	561.9	562.3	561.9	561.9	561.9	564.4	566.8	575.3	583.6	591.9
532.6	32.5°	532.9	533.3	532.9	532.6	532.4	534.0	535.7	542.3	549.0	556.7
502.7	35°	502.1	501.9	502.1	502.7	503.2	505.6	508.1	514.3	520.4	525.8
473.4	37.5°	471.0	469.7	471.0	473.4	475.7	480.2	484.7	490.4	496.1	498.6
445.8	40°	441.4	438.8	441.4	445.8	450.2	456.7	463.2	468.0	472.9	472.3
418.8	42.5°	412.4	408.2	412.4	418.8	425.2	433.3	441.5	445.5	449.6	446.5
394.0	45°	386.4	381.6	386.4	394.0	401.5	410.8	420.0	423.7	427.4	423.0
379.6	47.5°	372.7	368.0	372.7	379.6	386.6	394.8	403.1	405.6	408.2	403.1
373.3	50°	366.9	362.4	366.9	373.3	379.8	386.4	393.0	393.1	393.2	386.7
369.6	52.5°	363.9	359.8	363.9	369.6	375.4	380.8	386.2	384.8	383.4	375.7
365.4	55°	360.3	356.6	360.3	365.4	370.4	375.1	379.8	377.9	375.9	367.8
358.5	57.5°	353.5	349.7	353.5	358.5	363.5	368.3	373.0	371.1	369.1	360.9
349.2	60°	344.1	340.1	344.1	349.2	354.4	359.0	363.6	361.5	359.4	351.1
334.9	62.5°	329.4	324.6	329.4	334.9	340.3	344.5	348.6	346.6	344.5	337.0
315.1	65°	309.9	305.7	309.9	315.1	320.4	324.4	328.4	326.3	324.2	317.6
293.1	67.5°	288.2	284.5	288.2	293.1	298.0	301.7	305.3	303.3	301.3	295.5
270.0	70°	265.3	261.0	265.3	270.0	274.7	277.7	280.7	278.7	276.7	271.6
244.1	72.5°	239.6	235.5	239.6	244.1	248.5	251.0	253.5	251.2	248.9	243.8
215.0	75°	211.2	207.3	211.2	215.0	218.7	220.0	221.2	218.7	216.3	211.7
182.5	77.5°	178.8	175.6	178.8	182.5	186.3	188.1	189.8	187.5	185.2	180.4
147.8	80°	142.7	136.8	142.7	147.8	152.9	153.6	154.3	151.3	148.3	144.6
110.3	82.5°	106.0	102.2	106.0	110.3	114.6	114.9	115.2	110.1	104.9	97.0
68.8	85°	65.4	62.0	65.4	68.8	72.1	72.6	73.2	66.8	60.4	53.0
28.7	87.5°	26.9	25.3	26.9	28.7	30.4	31.1	31.7	29.1	26.6	23.4
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
693.5	0°	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5	693.5
650.7	2.5°	654.8	658.8	662.8	666.8	671.4	676.0	681.1	686.2	692.5	698.2
617.5	5°	624.0	630.4	637.6	644.7	652.8	660.9	670.5	680.2	691.2	702.4
597.3	7.5°	605.2	613.1	622.1	631.1	641.7	652.3	665.1	678.0	692.3	707.5
593.5	10°	602.4	611.4	621.1	630.7	641.4	652.0	665.5	679.0	694.4	713.2
610.6	12.5°	619.8	629.0	636.6	644.2	651.2	658.3	669.3	680.4	694.7	714.4
646.1	15°	654.1	662.1	664.1	666.0	665.1	664.1	669.4	674.7	686.1	708.0
683.9	17.5°	690.3	696.8	690.6	684.5	672.9	661.3	659.3	657.4	664.5	690.2
707.4	20°	710.4	713.4	700.5	687.6	667.4	647.3	638.2	629.2	631.1	661.0
707.2	22.5°	705.4	703.6	686.8	670.0	646.9	624.0	610.6	597.2	593.5	627.7
683.7	25°	677.6	671.4	654.9	638.4	617.7	597.0	581.6	566.1	556.3	591.3
643.0	27.5°	636.1	629.3	616.0	602.8	585.8	568.8	553.9	539.0	527.0	558.9
600.2	30°	594.6	589.0	578.0	567.0	552.9	538.8	526.9	515.1	505.7	532.5
564.3	32.5°	558.0	551.8	541.3	530.7	519.5	508.2	501.2	494.2	490.0	511.6
531.3	35°	523.8	516.4	505.9	495.5	486.9	478.3	476.4	474.5	476.2	494.1
501.1	37.5°	491.9	482.7	472.2	461.8	455.7	449.5	451.6	453.8	460.1	475.8
471.7	40°	461.0	450.5	440.4	430.3	425.9	421.4	426.3	431.1	440.8	455.0
443.5	42.5°	432.0	420.6	411.0	401.5	397.8	394.2	400.6	407.0	419.2	432.4
418.6	45°	406.7	394.8	385.8	376.7	373.7	370.6	376.8	383.1	394.9	408.2
398.1	47.5°	386.4	374.7	365.8	357.0	354.1	351.3	356.5	361.7	371.9	389.0
380.3	50°	369.8	359.3	351.0	342.6	338.1	333.6	338.2	342.9	354.7	377.3
368.0	52.5°	358.2	348.5	340.8	333.2	326.5	319.7	324.3	328.8	345.4	371.3
359.6	55°	351.1	342.5	334.3	326.0	316.5	306.9	314.2	321.4	346.3	370.5
352.7	57.5°	344.2	335.8	326.1	316.4	306.1	295.8	306.4	316.9	347.3	368.5
342.9	60°	334.2	325.7	314.5	303.4	294.4	285.4	299.1	312.7	344.3	358.4
329.4	62.5°	320.3	311.1	298.1	285.1	279.4	273.7	290.7	307.8	337.1	338.9
310.9	65°	302.2	293.4	279.5	265.6	263.4	261.2	279.4	297.5	319.9	319.6
289.8	67.5°	281.5	273.2	260.3	247.5	248.2	248.9	264.0	279.1	291.6	292.2
266.4	70°	259.2	252.0	240.7	229.4	231.8	234.2	245.0	255.7	259.8	259.8
238.7	72.5°	232.2	225.7	216.8	208.0	211.4	215.0	222.3	229.7	229.6	227.0
207.0	75°	201.1	195.3	188.7	182.1	185.4	188.8	194.5	200.2	201.2	189.1
175.5	77.5°	170.4	165.4	160.0	154.7	158.1	161.5	166.0	170.6	171.1	151.3
140.9	80°	136.6	132.4	127.9	123.5	126.3	129.2	133.0	136.8	136.9	113.2
89.1	82.5°	90.6	92.1	92.5	92.9	94.9	96.9	98.8	100.6	99.5	79.3
45.6	85°	49.8	53.9	55.8	57.7	60.0	62.3	64.3	66.3	64.8	49.8
20.4	87.5°	23.5	26.7	26.7	26.8	27.2	27.7	28.5	29.3	27.4	21.2
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):

325°		330°	335°	340°	345°	350°	355°	360°
693.5	0°	693.5	693.5	693.5	693.5	693.5	693.5	693.5
704.0	2.5°	709.9	716.0	722.1	728.2	734.3	740.0	745.7
714.2	5°	726.1	738.7	751.4	764.0	776.6	789.3	801.9
724.0	7.5°	740.6	759.3	778.1	797.3	816.6	837.4	858.3
732.8	10°	752.3	775.1	797.9	823.3	848.8	875.2	901.5
736.5	12.5°	758.7	785.5	812.4	841.2	870.1	899.0	928.0
733.6	15°	759.2	790.2	821.1	852.4	883.7	913.9	944.1
721.0	17.5°	751.8	787.7	823.6	857.8	891.9	922.5	953.2
699.2	20°	737.4	780.9	824.4	862.0	899.5	931.3	963.1
673.6	22.5°	719.6	772.5	825.5	867.6	909.7	942.2	974.7
645.1	25°	698.9	764.3	829.7	877.8	925.9	957.7	989.6
619.0	27.5°	679.1	758.8	838.5	893.8	949.0	979.5	1009.8
597.2	30°	661.8	756.2	850.5	914.5	978.4	1007.7	1037.1
578.3	32.5°	645.1	753.0	860.9	936.0	1011.2	1040.2	1069.3
559.8	35°	625.5	747.0	868.5	960.6	1052.7	1080.6	1108.4
538.1	37.5°	600.4	736.7	873.0	988.2	1103.3	1138.8	1174.3
512.1	40°	569.2	722.5	875.9	1023.1	1170.4	1222.1	1273.8
483.5	42.5°	534.5	707.9	881.3	1068.9	1256.5	1331.1	1405.8
453.0	45°	497.8	694.3	890.8	1129.1	1367.4	1468.1	1568.8
428.9	47.5°	468.8	683.1	897.3	1193.2	1489.1	1630.9	1772.6
412.9	50°	448.6	670.8	893.0	1252.7	1612.4	1826.1	2039.8
402.4	52.5°	433.5	650.1	866.8	1291.3	1715.8	2031.1	2346.5
394.8	55°	419.1	615.9	812.7	1282.8	1752.9	2212.9	2673.0
385.7	57.5°	402.9	567.5	732.2	1222.9	1713.6	2341.8	2969.9
371.9	60°	385.4	504.8	624.2	1111.4	1598.5	2374.0	3149.4
347.8	62.5°	356.8	429.7	502.6	960.6	1418.5	2238.4	3058.3
323.9	65°	328.1	362.1	396.2	806.7	1217.3	2046.6	2875.9
289.9	67.5°	287.5	297.2	306.9	656.0	1005.1	1818.3	2631.5
248.9	70°	237.9	235.2	232.4	516.5	800.6	1569.2	2337.8
211.5	72.5°	196.0	187.6	179.3	394.9	610.4	1299.2	1987.9
171.7	75°	154.3	146.8	139.2	286.6	434.0	989.6	1545.2
134.4	77.5°	117.5	112.3	107.2	194.2	281.2	692.6	1104.0
98.9	80°	84.6	82.5	80.4	125.1	169.9	446.2	722.6
68.8	82.5°	58.2	57.8	57.4	77.0	96.5	258.3	420.0
42.0	85°	34.3	34.5	34.7	41.1	47.6	116.2	184.8
18.0	87.5°	14.8	15.0	15.2	17.1	18.9	38.1	57.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)