

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: P453482

Luminaire Tested: **GALN-SA4C-730-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P453482
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4C-730-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21833 lumens
Efficiency: N/A
Efficacy: 102.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

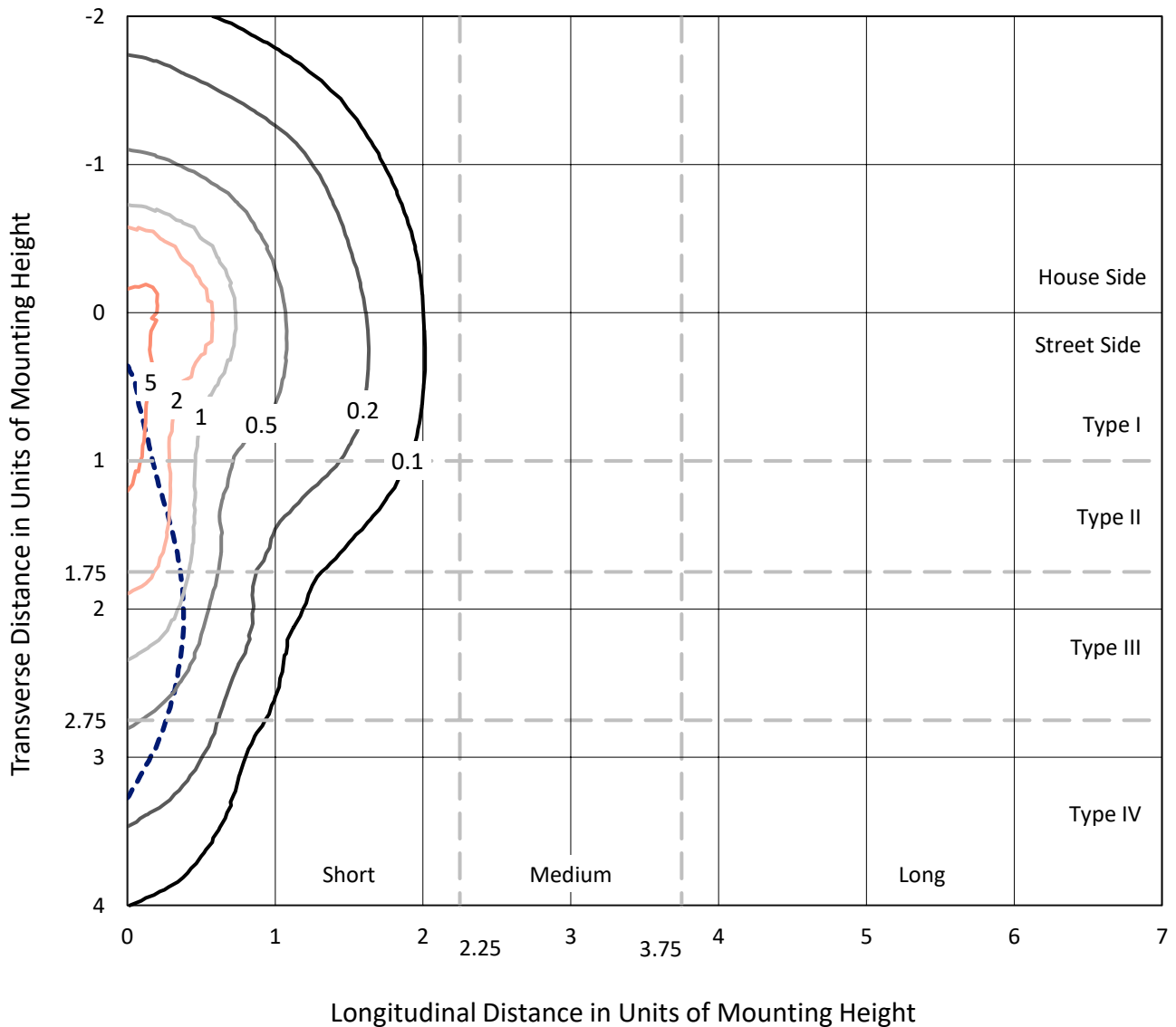
Input Watts (W): 213
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

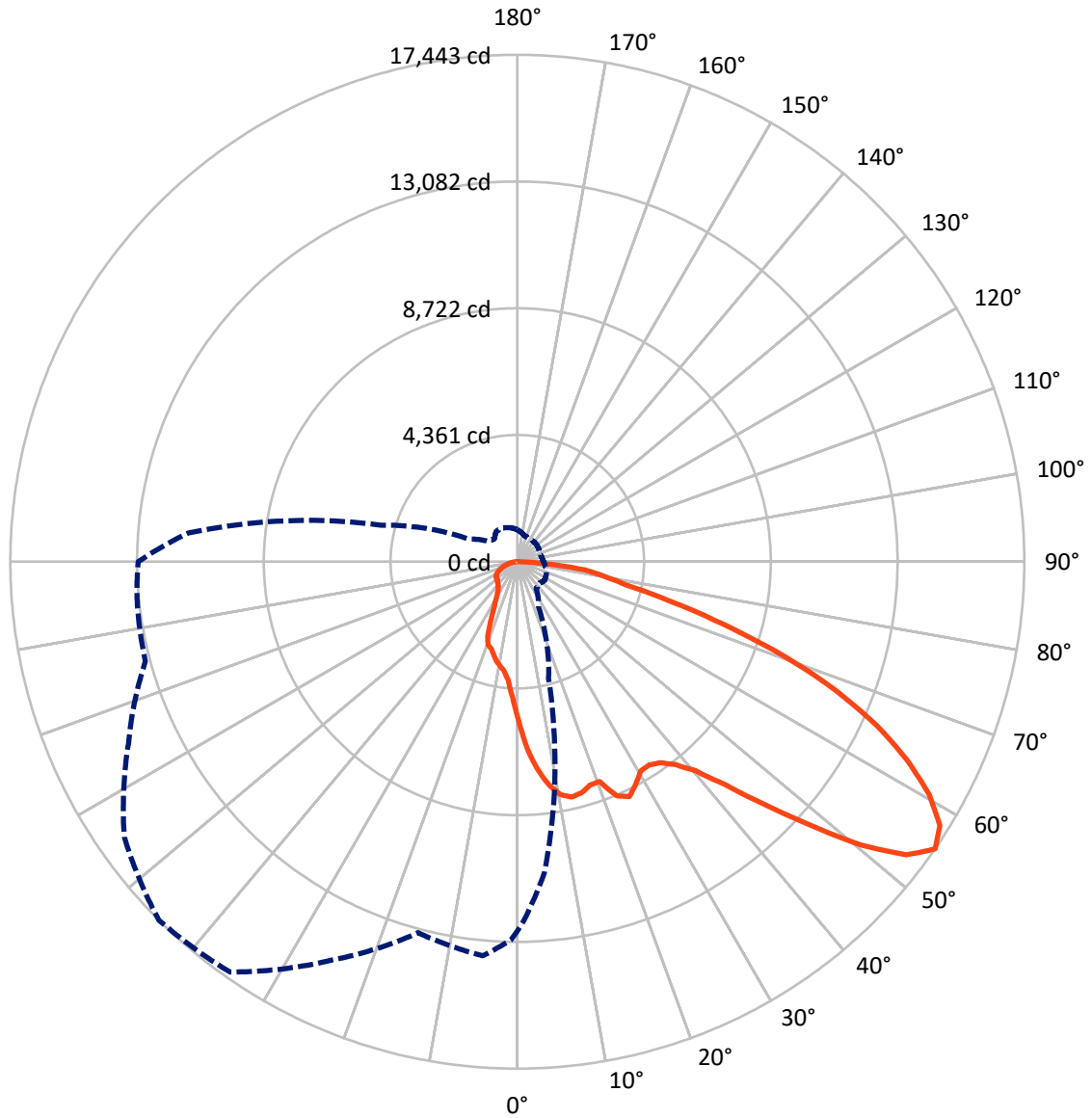
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4775.9	0.0	4775.9
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	17057.1	0.0	17057.1
	% Fixture	78.1	0.0	78.1
Total	Lumens	21833.0	0.0	21833.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	464.4	2.1
10°-20°	1232.0	5.6
20°-30°	2128.4	9.7
30°-40°	2473.5	11.3
40°-50°	3451.0	15.8
50°-60°	4682.7	21.4
60°-70°	4455.0	20.4
70°-80°	2406.7	11.0
80°-90°	539.4	2.5
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°	21833.0	100.0
0°-180°	21833.0	100.0

Coefficient of Utilization



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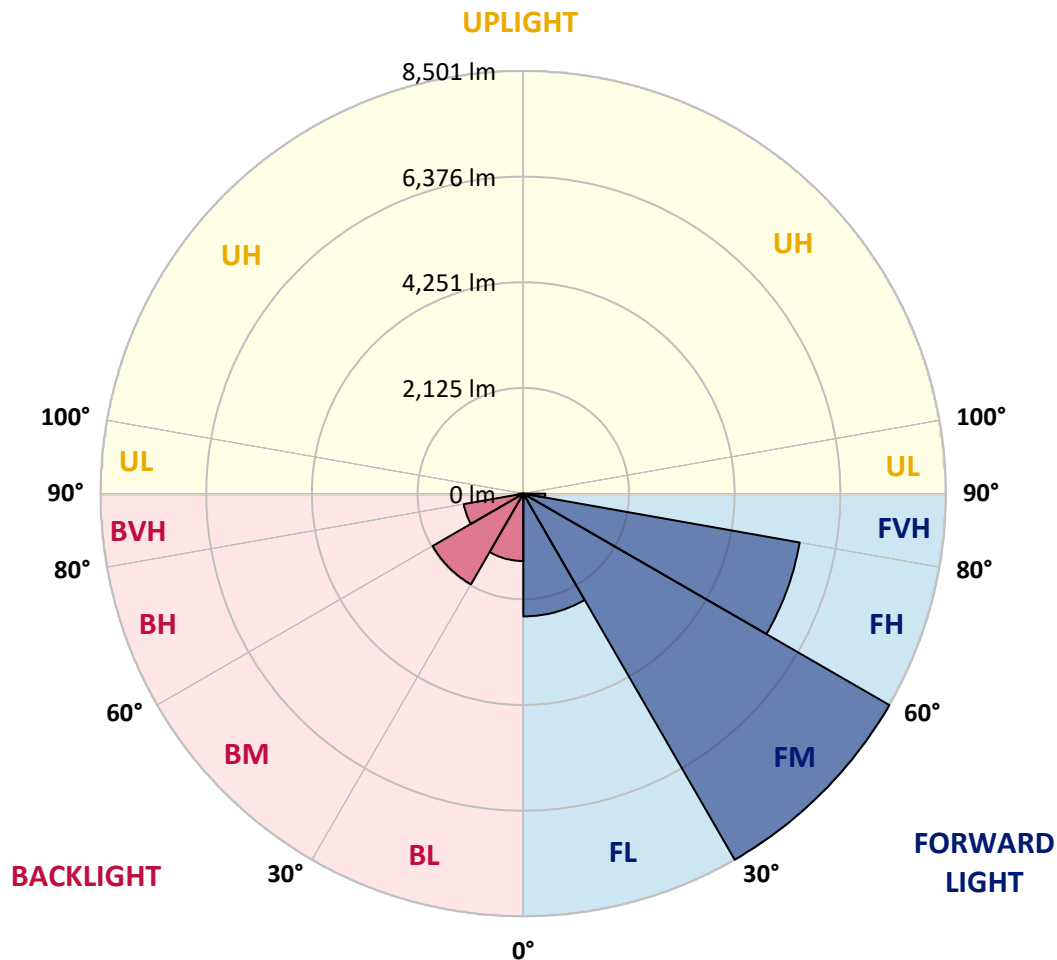
CATALOG NUMBER: GALN-SA4C-730-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2469.4	11.3			
FM	(30°-60°)	8501.3	38.9			
FH	(60°-80°)	5645.6	25.9			G3/7500
FVH	(80°-90°)	440.8	2.0			G3/500
BL	(0°-30°)	1355.4	6.2	B3/2500		
BM	(30°-60°)	2105.8	9.6	B2/2500		
BH	(60°-80°)	1216.0	5.6	B3/2500		G3/2500
BVH	(80°-90°)	98.6	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2
2.5°	6087.1	6064.0	5999.2	5829.2	5657.8	5483.6	5349.6	5182.5	5008.2	4914.6	4795.0
5°	6170.6	6144.7	5992.0	5608.9	5261.7	4897.3	4606.4	4351.4	4247.7	4095.0	3972.6
7.5°	5974.7	5963.2	5734.2	5184.0	4708.6	4231.9	3902.0	3697.5	3511.7	3442.5	3456.9
10°	5796.1	5750.0	5463.4	4744.6	4190.1	3802.6	3566.4	3366.2	3235.1	3200.5	3207.7
12.5°	5647.8	5585.8	5247.3	4449.4	3963.9	3654.3	3353.2	3144.4	3024.8	3057.9	3170.3
15°	5617.5	5534.0	5156.6	4348.5	3840.1	3441.1	3111.2	2870.7	2781.4	2853.4	3033.5
17.5°	5813.4	5708.3	5312.1	4381.7	3722.0	3223.6	2818.8	2543.7	2468.8	2584.1	2818.8
20°	6442.8	6287.3	5797.6	4573.2	3710.4	3115.6	2648.9	2372.3	2404.0	2622.9	2867.8
22.5°	7606.7	7373.3	6647.4	4852.7	3770.9	3088.2	2614.3	2470.3	2644.5	2830.4	2991.7
25°	7837.1	7654.2	6800.1	4916.0	3758.0	3069.5	2712.2	2784.3	2978.7	3070.9	3014.7
27.5°	7966.8	7757.9	6790.0	4602.0	3360.4	2784.3	2592.7	2712.2	2761.2	2671.9	2519.2
30°	8269.3	8051.8	6961.4	4272.2	2767.0	2065.5	1810.6	1761.6	1794.7	1812.0	1757.3
32.5°	8685.5	8470.9	7284.0	4056.1	2392.5	1708.3	1457.7	1388.5	1372.7	1354.0	1332.4
35°	9224.2	8894.4	7600.9	3917.9	2238.4	1580.1	1349.6	1296.3	1274.7	1248.8	1225.8
37.5°	9771.6	9425.9	8001.3	3772.4	2136.1	1490.8	1277.6	1253.1	1215.7	1188.3	1155.2
40°	10353.5	9966.0	8365.8	3645.6	2036.7	1433.2	1225.8	1222.9	1173.9	1142.2	1103.3
42.5°	10857.6	10458.6	8691.3	3567.8	1960.4	1372.7	1194.1	1202.7	1152.3	1104.8	1054.4
45°	11258.1	10866.3	8992.3	3567.8	1898.4	1312.2	1188.3	1182.6	1132.1	1073.1	1015.5
47.5°	11609.5	11204.8	9286.2	3658.6	1859.5	1261.8	1156.6	1166.7	1114.9	1040.0	983.8
50°	11881.7	11524.5	9682.3	3799.7	1820.6	1221.4	1116.3	1171.0	1100.5	1022.7	957.9
52.5°	12228.9	11909.1	10159.0	3992.8	1787.5	1176.8	1080.3	1171.0	1099.0	1024.1	953.5
55°	12710.0	12372.9	10733.8	4152.6	1734.2	1135.0	1048.6	1137.9	1094.7	1016.9	942.0
57.5°	13047.0	12795.0	11139.9	4259.2	1657.9	1081.7	1019.8	1106.2	1076.0	989.5	907.4
58°	13062.9	12816.6	11199.0	4283.7	1639.2	1071.6	1012.6	1091.8	1067.3	978.0	895.9
60°	12881.4	12669.6	11210.5	4249.1	1532.6	1021.2	975.1	1032.8	1021.2	910.3	834.0
62.5°	12221.7	11995.5	10745.3	3968.3	1391.4	959.3	917.5	953.5	927.6	815.3	744.7
65°	11284.0	10867.7	9788.9	3527.5	1290.6	893.0	839.7	842.6	815.3	734.6	672.7
67.5°	10035.2	9569.9	8288.0	2973.0	1214.2	819.6	747.6	740.4	707.2	655.4	605.0
70°	8498.3	8180.0	6735.2	2418.4	1129.3	738.9	643.9	639.5	619.4	580.5	535.8
72.5°	6887.9	6483.2	5438.9	1935.9	1025.6	661.1	547.3	556.0	530.1	502.7	462.4
75°	5083.1	4818.1	4204.5	1552.7	885.8	576.2	456.6	459.5	448.0	419.2	387.5
77.5°	3347.5	3268.2	3007.5	1019.8	681.3	458.0	373.1	375.9	367.3	341.4	308.2
80°	2252.8	2199.5	2038.1	656.8	455.2	331.3	288.1	291.0	289.5	262.2	217.5
82.5°	1388.5	1365.5	1313.6	443.6	315.4	237.7	190.1	198.8	214.6	184.4	148.4
85°	655.4	656.8	793.7	242.0	185.8	152.7	103.7	110.9	110.9	110.9	83.5
87.5°	85.0	89.3	109.5	102.3	67.7	57.6	37.5	31.7	27.4	36.0	25.9
90°	0.0	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2
2.5°	4753.3	4724.5	4662.5	4648.1	4639.5	4664.0	4599.2	4616.4	4587.6	4668.3	4655.3
5°	3979.8	3982.7	4033.1	4066.2	4077.7	4066.2	4023.0	3948.1	3890.5	3867.4	3873.2
7.5°	3429.6	3480.0	3566.4	3662.9	3750.8	3776.7	3752.2	3609.6	3454.0	3356.1	3324.4
10°	3246.6	3314.3	3413.7	3490.1	3567.8	3629.8	3642.7	3531.8	3347.5	3115.6	3024.8
12.5°	3256.7	3348.9	3444.0	3468.5	3461.2	3485.7	3474.2	3455.5	3334.5	3039.2	2888.0
15°	3161.6	3271.1	3337.4	3324.4	3301.4	3279.8	3249.5	3202.0	3158.8	2951.4	2784.3
17.5°	2942.7	3055.1	3109.8	3114.1	3114.1	3108.4	3034.9	3017.6	3011.8	2911.0	2808.8
20°	2983.0	3045.0	3020.5	2980.2	2991.7	3030.6	2987.4	2978.7	3011.8	3056.5	3037.8
22.5°	3006.1	2984.5	2800.1	2621.5	2581.2	2702.2	2726.7	2823.2	2957.1	3118.4	3223.6
25°	2863.5	2689.2	2359.4	2157.7	2043.9	2156.3	2303.2	2481.8	2682.0	2889.4	3011.8
27.5°	2393.9	2261.4	2025.2	1843.7	1744.3	1761.6	1886.9	2049.7	2235.5	2375.2	2464.5
30°	1803.4	1744.3	1621.9	1559.9	1499.4	1485.0	1538.3	1600.3	1682.4	1699.7	1722.7
32.5°	1328.0	1319.4	1326.6	1306.4	1294.9	1293.5	1277.6	1292.0	1300.7	1310.8	1290.6
35°	1201.3	1189.8	1169.6	1163.8	1156.6	1159.5	1152.3	1145.1	1150.9	1159.5	1165.3
37.5°	1136.5	1119.2	1090.4	1080.3	1080.3	1084.6	1073.1	1070.2	1080.3	1107.7	1122.1
40°	1086.1	1065.9	1032.8	1019.8	1028.4	1040.0	1024.1	1018.4	1042.8	1071.6	1094.7
42.5°	1038.5	1022.7	991.0	976.6	983.8	1005.4	982.3	978.0	1009.7	1041.4	1068.8
45°	998.2	982.3	953.5	946.3	949.2	969.4	953.5	953.5	983.8	1018.4	1042.8
47.5°	966.5	946.3	927.6	921.8	924.7	936.3	933.4	933.4	962.2	998.2	1022.7
50°	934.8	917.5	893.0	895.9	903.1	919.0	917.5	921.8	950.7	995.3	1021.2
52.5°	920.4	894.5	867.1	870.0	891.6	910.3	904.6	908.9	942.0	1025.6	1063.0
55°	904.6	870.0	838.3	842.6	867.1	894.5	887.3	893.0	931.9	1045.7	1097.6
57.5°	874.3	834.0	799.4	802.3	838.3	867.1	855.6	862.8	908.9	1024.1	1078.8
58°	861.4	826.8	793.7	795.1	829.7	861.4	848.4	854.1	901.7	1018.4	1070.2
60°	806.6	786.5	757.6	759.1	792.2	819.6	812.4	818.1	864.2	976.6	1015.5
62.5°	731.7	720.2	713.0	713.0	733.2	759.1	766.3	773.5	815.3	883.0	917.5
65°	651.1	651.1	652.5	652.5	665.5	698.6	702.9	721.6	760.5	793.7	819.6
67.5°	596.3	593.4	596.3	589.1	594.9	615.0	636.7	653.9	694.3	717.3	726.0
70°	525.7	524.3	525.7	515.7	522.9	540.1	554.5	583.4	625.1	642.4	646.7
72.5°	456.6	456.6	459.5	452.3	452.3	471.0	481.1	512.8	551.7	561.8	563.2
75°	384.6	388.9	388.9	378.8	381.7	393.2	406.2	432.1	468.1	475.3	475.3
77.5°	305.4	321.2	321.2	311.1	315.4	316.9	334.2	347.1	374.5	377.4	365.9
80°	221.8	237.7	250.6	242.0	249.2	240.5	250.6	259.3	286.6	273.7	254.9
82.5°	158.4	170.0	180.0	181.5	174.3	158.4	171.4	172.8	185.8	168.5	158.4
85°	87.9	97.9	110.9	105.1	93.6	83.5	87.9	90.7	89.3	85.0	79.2
87.5°	23.0	24.5	27.4	20.2	18.7	15.8	21.6	21.6	24.5	25.9	24.5
90°	0.0	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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2
2.5°	4665.4	4728.8	4865.6	4969.3	5096.1	5250.2	5431.7	5614.6	5812.0	5873.9	5960.3
5°	3860.2	4018.7	4084.9	4273.6	4460.9	4741.8	5041.4	5388.5	5768.7	5951.7	6127.4
7.5°	3298.5	3383.5	3452.6	3590.9	3815.6	4157.0	4532.9	4966.5	5505.2	5771.6	6029.5
10°	2996.0	3004.6	3089.6	3261.0	3456.9	3758.0	4113.7	4599.2	5199.8	5523.9	5826.4
12.5°	2795.8	2758.3	2850.5	3029.1	3251.0	3528.9	3855.9	4318.3	4979.4	5312.1	5678.0
15°	2620.1	2561.0	2630.1	2813.1	3032.0	3359.0	3710.4	4200.2	4893.0	5280.5	5686.6
17.5°	2624.4	2461.6	2486.1	2640.2	2857.7	3190.5	3616.8	4195.8	5024.1	5470.6	5951.7
20°	2948.5	2687.8	2576.9	2605.7	2816.0	3178.9	3660.0	4397.5	5454.7	6105.8	6620.0
22.5°	3266.8	3109.8	2931.2	2872.1	2987.4	3367.6	3935.1	4874.3	6391.0	7371.9	8300.9
25°	3155.9	3289.8	3245.2	3161.6	3187.6	3503.0	4122.4	5266.1	7118.4	8223.2	9096.0
27.5°	2525.0	2768.4	2817.4	2816.0	2826.0	3085.3	3707.6	5002.5	7209.1	8385.9	9219.9
30°	1774.6	1796.2	1822.1	1872.5	1918.6	2150.5	2900.9	4391.7	7168.8	8459.4	9294.8
32.5°	1280.5	1309.3	1345.3	1414.5	1523.9	1819.2	2538.0	4197.3	7382.0	8763.3	9513.8
35°	1171.0	1204.2	1238.7	1318.0	1421.7	1695.3	2393.9	4116.6	7732.0	9255.9	9907.0
37.5°	1136.5	1173.9	1204.2	1261.8	1345.3	1606.0	2262.8	4061.9	8090.7	9777.3	10434.2
40°	1112.0	1155.2	1179.7	1225.8	1283.4	1523.9	2146.2	4018.7	8437.8	10254.1	10857.6
42.5°	1090.4	1135.0	1166.7	1199.8	1247.4	1450.5	2042.5	3975.5	8738.8	10716.5	11279.7
45°	1064.4	1120.6	1161.0	1186.9	1228.6	1388.5	1963.2	3940.9	9081.6	11127.0	11706.0
47.5°	1042.8	1104.8	1155.2	1185.4	1201.3	1345.3	1899.9	3988.4	9493.6	11556.2	12102.1
50°	1044.3	1103.3	1166.7	1214.2	1172.5	1309.3	1861.0	4177.1	10029.4	12066.1	12414.7
52.5°	1090.4	1162.4	1212.8	1224.3	1132.1	1266.1	1840.8	4507.0	10663.2	12517.0	12730.1
55°	1142.2	1217.1	1271.9	1264.7	1110.5	1211.4	1836.5	4858.4	11357.4	13042.7	13140.6
57.5°	1123.5	1233.0	1316.5	1279.1	1112.0	1158.1	1817.8	5142.2	11937.9	13435.9	13546.8
58°	1117.7	1227.2	1322.3	1276.2	1107.7	1142.2	1813.4	5166.7	12018.6	13463.3	13604.5
60°	1061.6	1176.8	1318.0	1254.6	1083.2	1099.0	1765.9	5245.9	11997.0	13322.1	13639.0
62.5°	959.3	1054.4	1218.6	1149.4	1008.3	1041.4	1659.3	5147.9	11412.2	12642.3	13133.4
65°	844.1	914.6	1024.1	1011.2	901.7	982.3	1513.8	4760.5	10241.1	11538.9	12056.0
67.5°	757.6	815.3	884.4	865.7	810.9	903.1	1356.8	4105.1	8927.5	10213.8	10864.8
70°	669.8	714.4	749.0	736.0	718.8	825.3	1217.1	3331.6	7668.6	8954.9	9585.8
72.5°	580.5	622.2	651.1	632.3	622.2	743.2	1103.3	2585.5	6056.8	7387.7	8198.7
75°	485.4	527.2	547.3	525.7	520.0	655.4	934.8	1931.6	4544.4	5695.3	6395.3
77.5°	375.9	420.6	446.5	439.3	442.2	538.7	754.8	1322.3	3249.5	3881.8	4619.3
80°	263.6	312.6	329.8	322.6	342.8	410.5	532.9	839.7	2241.2	2519.2	3039.2
82.5°	162.8	208.9	211.7	218.9	233.3	303.9	401.9	511.3	1407.3	1454.8	1832.2
85°	82.1	99.4	106.6	118.1	131.1	185.8	229.0	316.9	906.0	685.6	1024.1
87.5°	27.4	28.8	34.6	43.2	53.3	76.3	97.9	129.6	224.7	123.9	316.9
90°	0.0	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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2	5479.2
2.5°	6134.6	6257.0	6346.3	6428.4	6349.2	6342.0	6264.2	6138.9	6087.1	6087.1
5°	6496.1	6782.8	7014.7	7163.0	7099.7	6947.0	6694.9	6373.7	6200.9	6170.6
7.5°	6595.5	7161.6	7592.3	7745.0	7638.4	7301.3	6818.8	6277.2	6029.5	5974.7
10°	6535.0	7271.1	7903.4	8145.4	7997.0	7487.1	6828.9	6164.9	5859.5	5796.1
12.5°	6471.7	7285.5	7961.0	8311.0	8214.5	7636.9	6902.3	6091.4	5738.5	5647.8
15°	6517.7	7291.2	7890.4	8252.0	8313.9	7817.0	7023.3	6144.7	5714.0	5617.5
17.5°	6808.7	7400.7	7789.6	8082.0	8299.5	8061.8	7367.6	6399.6	5933.0	5813.4
20°	7416.5	7662.9	7847.2	8073.4	8423.4	8561.7	8071.9	7099.7	6548.0	6442.8
22.5°	9176.7	9132.1	8754.7	8750.3	9257.4	9811.9	9778.8	8522.8	7693.1	7606.7
25°	9836.4	9629.0	9083.1	8950.6	9173.8	10029.4	9905.5	8813.7	8047.4	7837.1
27.5°	9578.6	9064.4	8705.7	8675.4	8602.0	9410.0	9708.2	8931.8	8171.3	7966.8
30°	9562.7	8806.5	8293.7	8354.2	8424.8	9196.9	9817.7	9302.0	8488.2	8269.3
32.5°	9601.6	8842.5	8324.0	8335.5	8545.8	9228.6	9938.7	9705.3	8904.5	8685.5
35°	9758.6	9047.1	8517.0	8489.6	8818.0	9436.0	10144.6	10339.1	9473.4	9224.2
37.5°	10012.1	9454.7	8869.9	8862.7	9339.5	9810.5	10401.0	10978.6	10039.5	9771.6
40°	10385.2	9931.5	9497.9	9459.0	10048.1	10419.8	10733.8	11659.9	10697.8	10353.5
42.5°	10836.0	10503.3	10326.1	10480.3	11046.3	11103.9	11252.3	12289.4	11258.1	10857.6
45°	11253.7	11237.9	11484.2	11893.3	12223.1	11877.4	11793.9	12711.4	11693.1	11258.1
47.5°	11750.7	12179.9	12923.1	13522.3	13868.0	12777.7	12256.2	12986.5	12009.9	11609.5
50°	12254.8	13307.7	14494.6	15330.0	15403.5	13755.7	12574.6	13245.8	12298.0	11881.7
52.5°	12784.9	14208.0	15788.1	16758.9	16616.3	14607.0	12882.8	13421.5	12594.7	12228.9
55°	13245.8	14759.6	16511.2	17443.1	17234.2	15125.5	13215.5	13611.7	13018.2	12710.0
57.5°	13503.6	14805.7	16331.1	17144.9	16918.8	15024.7	13368.2	13752.8	13289.0	13047.0
58°	13541.1	14743.8	16171.2	16972.1	16741.6	14939.7	13366.8	13747.0	13306.3	13062.9
60°	13507.9	14341.9	15576.3	16289.3	16047.3	14406.7	13312.1	13639.0	13087.4	12881.4
62.5°	13201.1	13644.8	14549.3	15067.9	14998.7	13574.2	13087.4	13231.4	12420.5	12221.7
65°	12797.8	12694.1	13234.3	13601.6	13653.4	12950.5	12864.1	12349.9	11564.9	11284.0
67.5°	12308.1	11616.7	11615.3	11824.1	11910.6	11991.2	12398.8	11392.0	10331.9	10035.2
70°	11477.0	9956.0	9497.9	9744.2	9672.2	10353.5	11567.7	10046.7	8845.4	8498.3
72.5°	9953.1	7900.5	7167.4	7484.2	7302.8	8119.5	10121.6	8267.8	7314.3	6887.9
75°	8067.6	5909.9	5153.7	5444.7	5332.3	6159.1	8421.9	6005.0	5245.9	5083.1
77.5°	6264.2	4282.3	3843.0	3802.6	3886.2	4583.3	6177.8	4054.7	3458.4	3347.5
80°	4024.4	3065.1	3091.1	3039.2	3082.4	2889.4	3750.8	2586.9	2342.1	2252.8
82.5°	2648.9	2136.1	2546.6	2350.7	2232.6	1943.1	2460.2	1693.9	1437.5	1388.5
85°	1804.8	1572.9	1431.7	1094.7	1289.1	1496.6	1845.1	911.8	723.1	655.4
87.5°	815.3	547.3	401.9	247.7	391.8	452.3	895.9	106.6	82.1	85.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)