

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: P454178

Luminaire Tested: **GALN-SA5B-730-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P454178
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-SA5B-730-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 70 CRI, 3000K, 800mA 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: 22370 lumens
Efficiency: N/A
Efficacy: 109.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

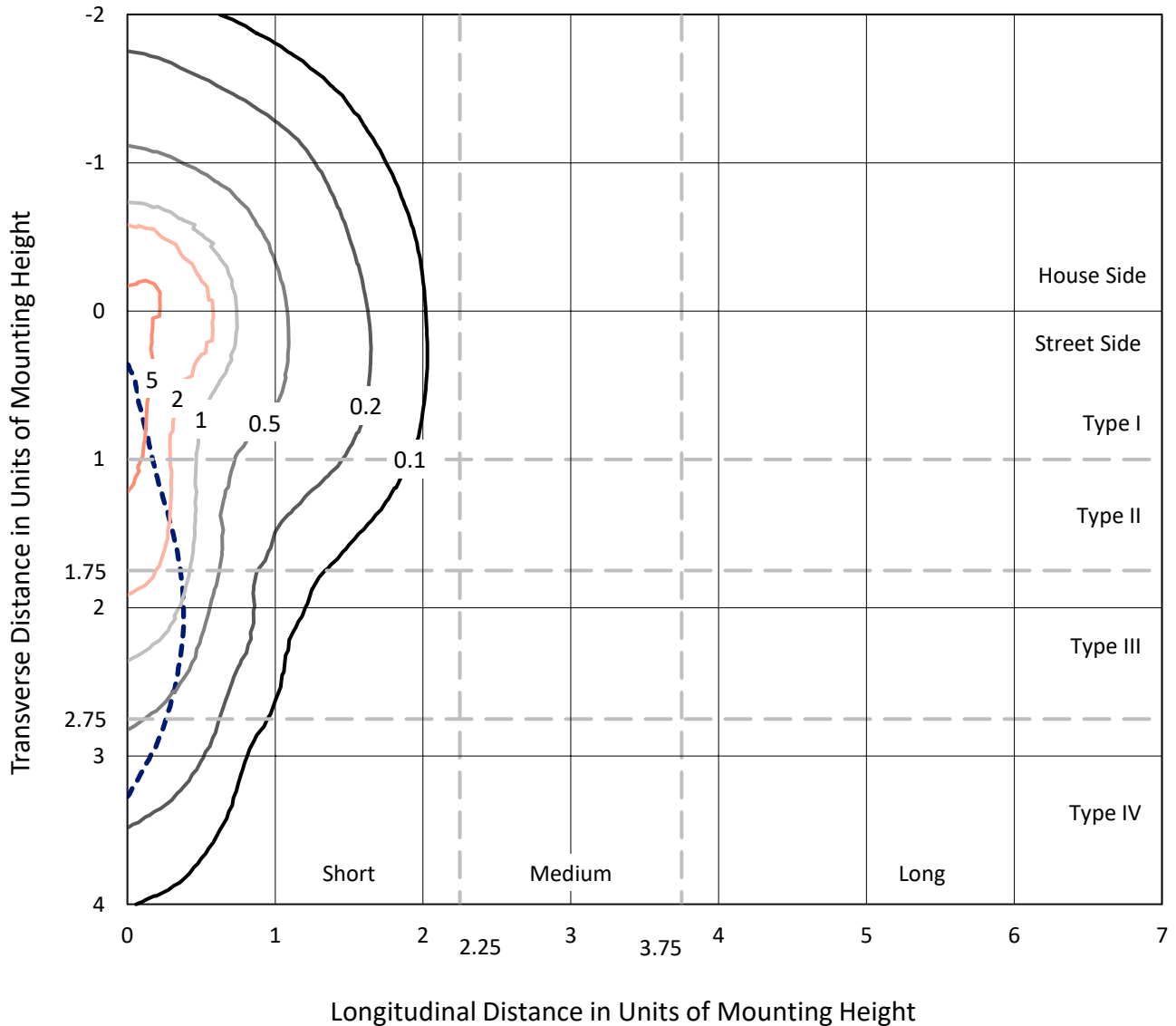
Input Watts (W): 204
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

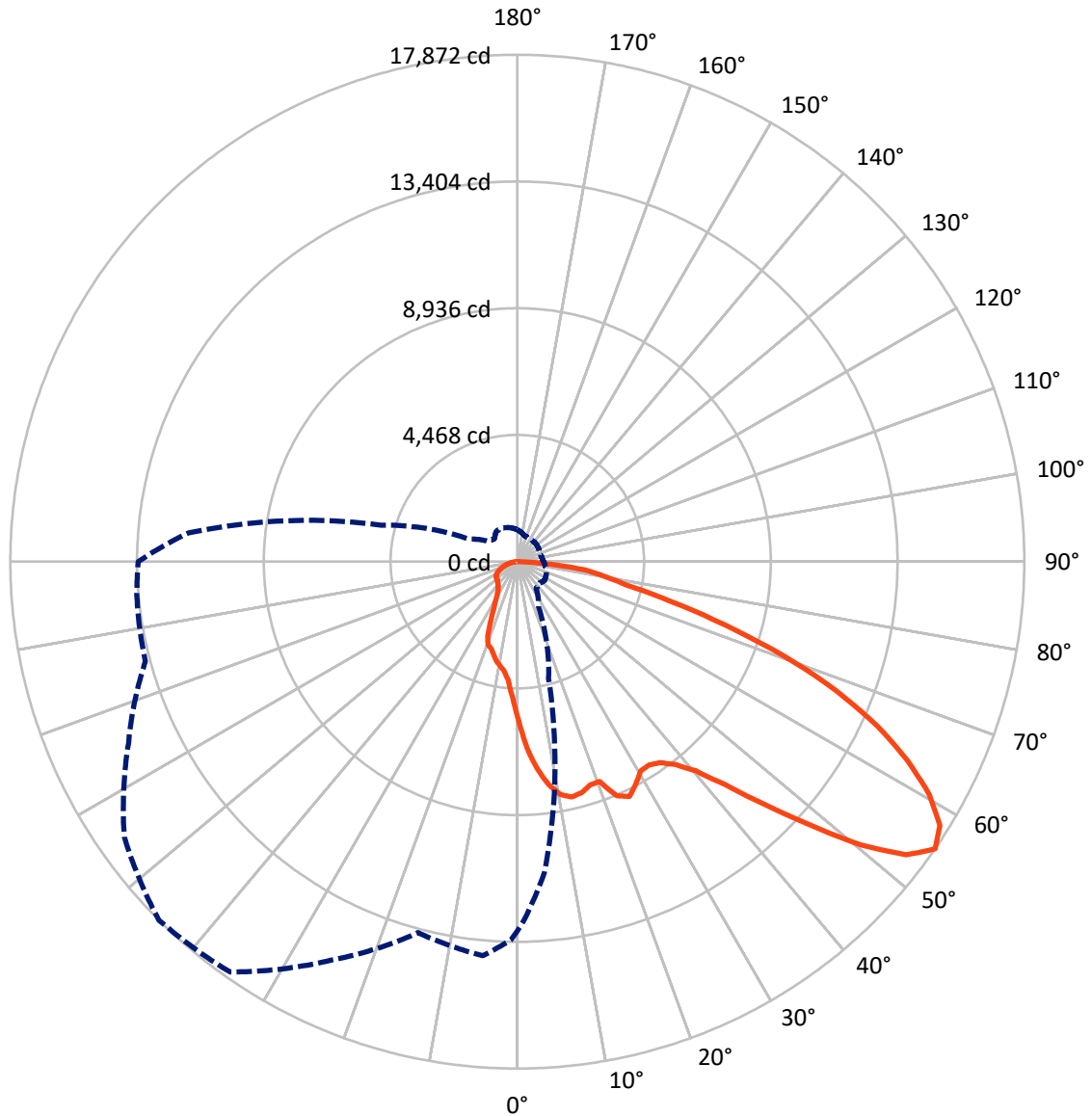
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.6 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	4893.3	0.0	4893.3
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	17476.7	0.0	17476.7
	% Fixture	78.1	0.0	78.1
Total	Lumens	22370.0	0.0	22370.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	475.8	2.1
10°-20°	1262.3	5.6
20°-30°	2180.7	9.7
30°-40°	2534.3	11.3
40°-50°	3535.9	15.8
50°-60°	4797.8	21.4
60°-70°	4564.6	20.4
70°-80°	2465.9	11.0
80°-90°	552.6	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°	22370.0	100.0
0°-180°	22370.0	100.0



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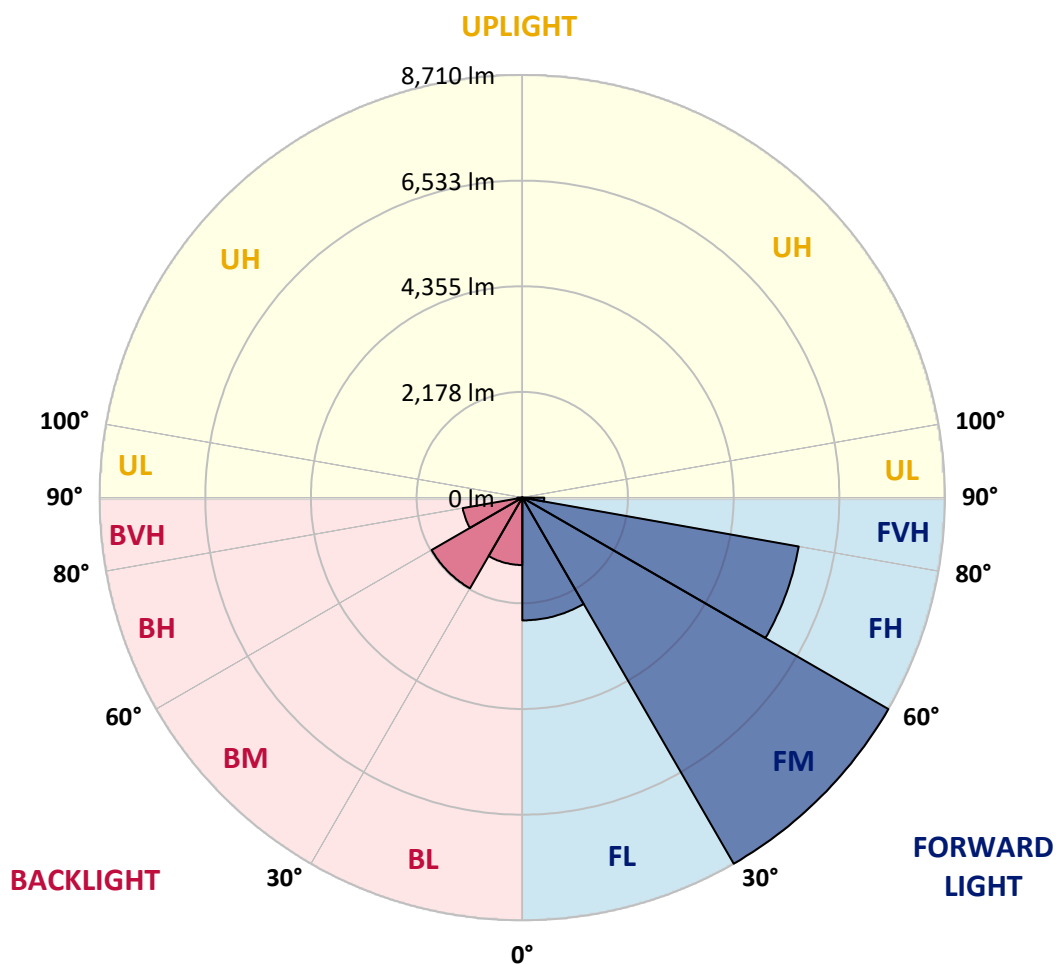
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2530.1	11.3			
FM	(30°-60°)	8710.4	38.9			
FH	(60°-80°)	5784.5	25.9			G3/7500
FVH	(80°-90°)	451.7	2.0			G3/500
BL	(0°-30°)	1388.7	6.2	B3/2500		
BM	(30°-60°)	2157.6	9.6	B2/2500		
BH	(60°-80°)	1246.0	5.6	B3/2500		G3/2500
BVH	(80°-90°)	101.0	0.5			G2/225
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°	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0
2.5°	6236.8	6213.2	6146.8	5972.6	5797.0	5618.4	5481.2	5310.0	5131.4	5035.5	4913.0
5°	6322.4	6295.8	6139.4	5746.8	5391.1	5017.8	4719.7	4458.4	4352.2	4195.7	4070.3
7.5°	6121.7	6109.9	5875.2	5311.5	4824.4	4335.9	3998.0	3788.4	3598.0	3527.2	3542.0
10°	5938.7	5891.4	5597.8	4861.3	4293.1	3896.1	3654.1	3449.0	3314.7	3279.3	3286.6
12.5°	5786.7	5723.2	5376.4	4558.8	4061.4	3744.1	3435.7	3221.7	3099.2	3133.2	3248.3
15°	5755.7	5670.1	5283.4	4455.5	3934.5	3525.7	3187.8	2941.3	2849.8	2923.6	3108.1
17.5°	5956.4	5848.7	5442.8	4489.4	3813.5	3302.9	2888.2	2606.3	2529.5	2647.6	2888.2
20°	6601.3	6441.9	5940.2	4685.7	3801.7	3192.2	2714.0	2430.7	2463.1	2687.5	2938.3
22.5°	7793.8	7554.7	6810.9	4972.0	3863.7	3164.1	2678.6	2531.0	2709.6	2900.0	3065.3
25°	8029.9	7842.5	6967.3	5037.0	3850.4	3145.0	2779.0	2852.7	3052.0	3146.4	3088.9
27.5°	8162.7	7948.7	6957.0	4715.2	3443.1	2852.7	2656.5	2779.0	2829.1	2737.6	2581.2
30°	8472.6	8249.8	7132.6	4377.3	2835.0	2116.3	1855.1	1804.9	1838.9	1856.6	1800.5
32.5°	8899.2	8679.3	7463.2	4155.9	2451.3	1750.3	1493.5	1422.7	1406.5	1387.3	1365.1
35°	9451.1	9113.2	7787.9	4014.2	2293.4	1619.0	1382.8	1328.2	1306.1	1279.5	1255.9
37.5°	10011.9	9657.7	8198.1	3865.2	2188.6	1527.5	1309.0	1284.0	1245.6	1217.5	1183.6
40°	10608.2	10211.2	8571.5	3735.3	2086.8	1468.4	1255.9	1253.0	1202.8	1170.3	1130.5
42.5°	11124.7	10715.9	8905.1	3655.6	2008.6	1406.5	1223.4	1232.3	1180.7	1131.9	1080.3
45°	11535.0	11133.5	9213.5	3655.6	1945.1	1344.5	1217.5	1211.6	1160.0	1099.5	1040.4
47.5°	11895.1	11480.4	9514.6	3748.6	1905.3	1292.8	1185.1	1195.4	1142.3	1065.5	1008.0
50°	12174.0	11808.0	9920.4	3893.2	1865.4	1251.5	1143.8	1199.8	1127.5	1047.8	981.4
52.5°	12529.7	12202.0	10408.9	4091.0	1831.5	1205.7	1106.9	1199.8	1126.0	1049.3	977.0
55°	13022.6	12677.2	10997.8	4254.8	1776.9	1162.9	1074.4	1165.9	1121.6	1041.9	965.2
57.5°	13367.9	13109.7	11413.9	4364.0	1698.7	1108.3	1044.9	1133.4	1102.4	1013.9	929.8
58°	13384.2	13131.8	11474.5	4389.1	1679.5	1098.0	1037.5	1118.7	1093.6	1002.1	918.0
60°	13198.2	12981.3	11486.3	4353.7	1570.3	1046.4	999.1	1058.2	1046.4	932.7	854.5
62.5°	12522.3	12290.6	11009.6	4065.9	1425.6	982.9	940.1	977.0	950.4	835.3	763.0
65°	11561.5	11135.0	10029.6	3614.3	1322.3	915.0	860.4	863.4	835.3	752.7	689.2
67.5°	10282.0	9805.3	8491.8	3046.1	1244.1	839.7	765.9	758.6	724.6	671.5	619.8
70°	8707.3	8381.1	6900.9	2477.9	1157.0	757.1	659.7	655.3	634.6	594.8	549.0
72.5°	7057.3	6642.6	5572.7	1983.5	1050.8	677.4	560.8	569.7	543.1	515.1	473.7
75°	5208.1	4936.6	4307.9	1590.9	907.6	590.3	467.8	470.8	459.0	429.5	397.0
77.5°	3429.8	3348.6	3081.5	1044.9	698.1	469.3	382.2	385.2	376.3	349.8	315.8
80°	2308.2	2253.6	2088.3	673.0	466.4	339.4	295.2	298.1	296.6	268.6	222.8
82.5°	1422.7	1399.1	1345.9	454.6	323.2	243.5	194.8	203.7	219.9	188.9	152.0
85°	671.5	673.0	813.2	247.9	190.4	156.4	106.3	113.6	113.6	113.6	85.6
87.5°	87.1	91.5	112.2	104.8	69.4	59.0	38.4	32.5	28.0	36.9	26.6
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°	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0
2.5°	4870.2	4840.7	4777.2	4762.5	4753.6	4778.7	4712.3	4730.0	4700.5	4783.1	4769.8
5°	4077.7	4080.6	4132.3	4166.2	4178.0	4166.2	4121.9	4045.2	3986.2	3962.6	3968.5
7.5°	3513.9	3565.6	3654.1	3753.0	3843.0	3869.6	3844.5	3698.4	3539.0	3438.6	3406.2
10°	3326.5	3395.8	3497.7	3575.9	3655.6	3719.1	3732.3	3618.7	3429.8	3192.2	3099.2
12.5°	3336.8	3431.3	3528.7	3553.8	3546.4	3571.5	3559.7	3540.5	3416.5	3114.0	2959.0
15°	3239.4	3351.6	3419.5	3406.2	3382.6	3360.4	3329.4	3280.7	3236.5	3023.9	2852.7
17.5°	3015.1	3130.2	3186.3	3190.7	3190.7	3184.8	3109.5	3091.8	3085.9	2982.6	2877.8
20°	3056.4	3119.9	3094.8	3053.5	3065.3	3105.1	3060.8	3052.0	3085.9	3131.7	3112.5
22.5°	3080.0	3057.9	2869.0	2686.0	2644.7	2768.6	2793.7	2892.6	3029.8	3195.1	3302.9
25°	2933.9	2755.3	2417.4	2210.8	2094.2	2209.3	2359.8	2542.8	2748.0	2960.5	3085.9
27.5°	2452.8	2317.0	2075.0	1889.0	1787.2	1804.9	1933.3	2100.1	2290.5	2433.6	2525.1
30°	1847.7	1787.2	1661.8	1598.3	1536.3	1521.6	1576.2	1639.6	1723.8	1741.5	1765.1
32.5°	1360.7	1351.8	1359.2	1338.6	1326.8	1325.3	1309.0	1323.8	1332.7	1343.0	1322.3
35°	1230.8	1219.0	1198.4	1192.5	1185.1	1188.0	1180.7	1173.3	1179.2	1188.0	1193.9
37.5°	1164.4	1146.7	1117.2	1106.9	1106.9	1111.3	1099.5	1096.5	1106.9	1134.9	1149.7
40°	1112.8	1092.1	1058.2	1044.9	1053.7	1065.5	1049.3	1043.4	1068.5	1098.0	1121.6
42.5°	1064.1	1047.8	1015.4	1000.6	1008.0	1030.1	1006.5	1002.1	1034.5	1067.0	1095.1
45°	1022.7	1006.5	977.0	969.6	972.6	993.2	977.0	977.0	1008.0	1043.4	1068.5
47.5°	990.3	969.6	950.4	944.5	947.5	959.3	956.3	956.3	985.8	1022.7	1047.8
50°	957.8	940.1	915.0	918.0	925.3	941.6	940.1	944.5	974.0	1019.8	1046.4
52.5°	943.0	916.5	888.4	891.4	913.5	932.7	926.8	931.2	965.2	1050.8	1089.2
55°	926.8	891.4	858.9	863.4	888.4	916.5	909.1	915.0	954.9	1071.4	1124.6
57.5°	895.8	854.5	819.1	822.0	858.9	888.4	876.6	884.0	931.2	1049.3	1105.4
58°	882.5	847.1	813.2	814.6	850.1	882.5	869.3	875.2	923.9	1043.4	1096.5
60°	826.5	805.8	776.3	777.8	811.7	839.7	832.4	838.3	885.5	1000.6	1040.4
62.5°	749.7	737.9	730.5	730.5	751.2	777.8	785.1	792.5	835.3	904.7	940.1
65°	667.1	667.1	668.5	668.5	681.8	715.8	720.2	739.4	779.2	813.2	839.7
67.5°	611.0	608.0	611.0	603.6	609.5	630.2	652.3	670.0	711.3	735.0	743.8
70°	538.7	537.2	538.7	528.3	535.7	553.4	568.2	597.7	640.5	658.2	662.6
72.5°	467.8	467.8	470.8	463.4	463.4	482.6	492.9	525.4	565.2	575.6	577.0
75°	394.0	398.5	398.5	388.1	391.1	402.9	416.2	442.7	479.6	487.0	487.0
77.5°	312.9	329.1	329.1	318.8	323.2	324.7	342.4	355.7	383.7	386.7	374.9
80°	227.3	243.5	256.8	247.9	255.3	246.5	256.8	265.6	293.7	280.4	261.2
82.5°	162.3	174.1	184.5	186.0	178.6	162.3	175.6	177.1	190.4	172.7	162.3
85°	90.0	100.4	113.6	107.7	95.9	85.6	90.0	93.0	91.5	87.1	81.2
87.5°	23.6	25.1	28.0	20.7	19.2	16.2	22.1	22.1	25.1	26.6	25.1
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°	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0
2.5°	4780.2	4845.1	4985.3	5091.6	5221.4	5379.3	5565.3	5752.7	5954.9	6018.4	6106.9
5°	3955.2	4117.5	4185.4	4378.7	4570.6	4858.4	5165.3	5521.0	5910.6	6098.1	6278.1
7.5°	3379.6	3466.7	3537.5	3679.2	3909.4	4259.2	4644.4	5088.6	5640.6	5913.6	6177.8
10°	3069.7	3078.5	3165.6	3341.2	3542.0	3850.4	4214.9	4712.3	5327.7	5659.7	5969.7
12.5°	2864.6	2826.2	2920.6	3103.6	3330.9	3615.7	3950.8	4424.5	5101.9	5442.8	5817.7
15°	2684.5	2624.0	2694.8	2882.3	3106.6	3441.6	3801.7	4303.5	5013.3	5410.3	5826.5
17.5°	2688.9	2522.2	2547.3	2705.2	2928.0	3268.9	3705.8	4299.0	5147.6	5605.1	6098.1
20°	3021.0	2753.9	2640.2	2669.7	2885.2	3257.1	3750.0	4505.7	5588.9	6256.0	6782.8
22.5°	3347.1	3186.3	3003.3	2942.8	3060.8	3450.5	4031.9	4994.2	6548.2	7553.2	8505.1
25°	3233.5	3370.8	3325.0	3239.4	3266.0	3589.2	4223.8	5395.6	7293.5	8425.4	9319.8
27.5°	2587.1	2836.5	2886.7	2885.2	2895.5	3161.2	3798.7	5125.5	7386.4	8592.2	9446.7
30°	1818.2	1840.3	1866.9	1918.6	1965.8	2203.4	2972.3	4499.8	7345.1	8667.5	9523.4
32.5°	1312.0	1341.5	1378.4	1449.2	1561.4	1864.0	2600.4	4300.5	7563.5	8978.9	9747.8
35°	1199.8	1233.8	1269.2	1350.4	1456.6	1737.0	2452.8	4217.9	7922.2	9483.6	10150.6
37.5°	1164.4	1202.8	1233.8	1292.8	1378.4	1645.5	2318.5	4161.8	8289.6	10017.8	10690.8
40°	1139.3	1183.6	1208.7	1255.9	1315.0	1561.4	2199.0	4117.5	8645.3	10506.3	11124.7
42.5°	1117.2	1162.9	1195.4	1229.4	1278.1	1486.1	2092.7	4073.2	8953.8	10980.1	11557.1
45°	1090.6	1148.2	1189.5	1216.1	1258.9	1422.7	2011.5	4037.8	9305.0	11400.7	11993.9
47.5°	1068.5	1131.9	1183.6	1214.6	1230.8	1378.4	1946.6	4086.5	9727.1	11840.5	12399.8
50°	1070.0	1130.5	1195.4	1244.1	1201.3	1341.5	1906.8	4279.9	10276.1	12362.9	12720.0
52.5°	1117.2	1191.0	1242.6	1254.4	1160.0	1297.2	1886.1	4617.8	10925.5	12824.8	13043.2
55°	1170.3	1247.1	1303.1	1295.8	1137.9	1241.2	1881.7	4977.9	11636.8	13363.5	13463.9
57.5°	1151.1	1263.3	1348.9	1310.5	1139.3	1186.6	1862.5	5268.7	12231.5	13766.4	13880.0
58°	1145.2	1257.4	1354.8	1307.6	1134.9	1170.3	1858.0	5293.7	12314.2	13794.4	13939.1
60°	1087.7	1205.7	1350.4	1285.4	1109.8	1126.0	1809.3	5374.9	12292.1	13649.8	13974.5
62.5°	982.9	1080.3	1248.5	1177.7	1033.1	1067.0	1700.1	5274.6	11692.9	12953.2	13456.5
65°	864.8	937.1	1049.3	1036.0	923.9	1006.5	1551.1	4877.6	10493.0	11822.7	12352.6
67.5°	776.3	835.3	906.1	887.0	830.9	925.3	1390.2	4206.1	9147.1	10465.0	11132.1
70°	686.3	732.0	767.4	754.1	736.4	845.6	1247.1	3413.6	7857.2	9175.1	9821.5
72.5°	594.8	637.6	667.1	647.9	637.6	761.5	1130.5	2649.1	6205.8	7569.4	8400.3
75°	497.3	540.1	560.8	538.7	532.8	671.5	957.8	1979.1	4656.2	5835.4	6552.6
77.5°	385.2	430.9	457.5	450.1	453.1	552.0	773.3	1354.8	3329.4	3977.3	4732.9
80°	270.1	320.3	338.0	330.6	351.2	420.6	546.1	860.4	2296.4	2581.2	3114.0
82.5°	166.8	214.0	216.9	224.3	239.1	311.4	411.8	523.9	1441.9	1490.6	1877.2
85°	84.1	101.8	109.2	121.0	134.3	190.4	234.7	324.7	928.3	702.5	1049.3
87.5°	28.0	29.5	35.4	44.3	54.6	78.2	100.4	132.8	230.2	126.9	324.7
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°	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0	5614.0
2.5°	6285.5	6410.9	6502.4	6586.6	6505.4	6498.0	6418.3	6289.9	6236.8	6236.8
5°	6655.9	6949.6	7187.2	7339.2	7274.3	7117.9	6859.6	6530.5	6353.4	6322.4
7.5°	6757.8	7337.7	7779.0	7935.5	7826.2	7480.9	6986.5	6431.6	6177.8	6121.7
10°	6695.8	7449.9	8097.8	8345.7	8193.7	7671.3	6996.8	6316.5	6003.6	5938.7
12.5°	6630.8	7464.7	8156.8	8515.4	8416.6	7824.8	7072.1	6241.2	5879.6	5786.7
15°	6678.1	7470.6	8084.5	8454.9	8518.4	8009.2	7196.1	6295.8	5854.6	5755.7
17.5°	6976.2	7582.7	7981.2	8280.8	8503.6	8260.1	7548.8	6557.0	6078.9	5956.4
20°	7599.0	7851.3	8040.2	8271.9	8630.6	8772.2	8270.5	7274.3	6709.1	6601.3
22.5°	9402.4	9356.7	8970.0	8965.6	9485.1	10053.2	10019.3	8732.4	7882.3	7793.8
25°	10078.3	9865.8	9306.5	9170.7	9399.5	10276.1	10149.2	9030.5	8245.4	8029.9
27.5°	9814.2	9287.3	8919.8	8888.8	8813.6	9641.5	9947.0	9151.5	8372.3	8162.7
30°	9797.9	9023.1	8497.7	8559.7	8632.0	9423.1	10059.1	9530.8	8697.0	8472.6
32.5°	9837.8	9060.0	8528.7	8540.5	8756.0	9455.5	10183.1	9944.0	9123.5	8899.2
35°	9998.6	9269.6	8726.5	8698.4	9034.9	9668.1	10394.2	10593.4	9706.4	9451.1
37.5°	10258.4	9687.2	9088.1	9080.7	9569.2	10051.8	10656.9	11248.7	10286.4	10011.9
40°	10640.6	10175.7	9731.5	9691.7	10295.3	10676.0	10997.8	11946.7	10960.9	10608.2
42.5°	11102.5	10761.6	10580.1	10738.0	11318.0	11377.0	11529.1	12591.6	11535.0	11124.7
45°	11530.5	11514.3	11766.7	12185.8	12523.8	12169.6	12084.0	13024.1	11980.7	11535.0
47.5°	12039.7	12479.5	13241.0	13854.9	14209.1	13091.9	12557.7	13305.9	12305.3	11895.1
50°	12556.2	13635.0	14851.1	15707.1	15782.4	14094.0	12883.9	13571.6	12600.5	12174.0
52.5°	13099.3	14557.4	16176.4	17171.1	17025.0	14966.2	13199.7	13751.6	12904.5	12529.7
55°	13571.6	15122.7	16917.3	17872.1	17658.1	15497.5	13540.6	13946.4	13338.4	13022.6
57.5°	13835.8	15169.9	16732.8	17566.6	17334.9	15394.2	13697.0	14091.1	13615.9	13367.9
58°	13874.1	15106.4	16569.0	17389.5	17153.4	15307.1	13695.6	14085.2	13633.6	13384.2
60°	13840.2	14694.7	15959.5	16690.0	16442.0	14761.1	13639.5	13974.5	13409.2	13198.2
62.5°	13525.8	13980.4	14907.2	15438.5	15367.7	13908.1	13409.2	13556.8	12725.9	12522.3
65°	13112.6	13006.3	13559.8	13936.1	13989.2	13269.0	13180.5	12653.6	11849.3	11561.5
67.5°	12610.8	11902.4	11901.0	12115.0	12203.5	12286.2	12703.8	11672.2	10586.0	10282.0
70°	11759.3	10200.8	9731.5	9983.9	9910.1	10608.2	11852.3	10293.8	9063.0	8707.3
72.5°	10197.9	8094.8	7343.7	7668.3	7482.4	8319.2	10370.5	8471.2	7494.2	7057.3
75°	8266.0	6055.3	5280.5	5578.6	5463.5	6310.6	8629.1	6152.7	5374.9	5208.1
77.5°	6418.3	4387.6	3937.5	3896.1	3981.7	4696.0	6329.8	4154.4	3543.4	3429.8
80°	4123.4	3140.5	3167.1	3114.0	3158.2	2960.5	3843.0	2650.6	2399.7	2308.2
82.5°	2714.0	2188.6	2609.2	2408.5	2287.5	1990.9	2520.7	1735.6	1472.9	1422.7
85°	1849.2	1611.6	1467.0	1121.6	1320.9	1533.4	1890.5	934.2	740.9	671.5
87.5°	835.3	560.8	411.8	253.8	401.4	463.4	918.0	109.2	84.1	87.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)