

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: P648111

Luminaire Tested: **GALN-SA8A-835-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P648111
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-SA8A-835-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 80 CRI, 3500K, 615mA 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: 24923.7 lumens
Efficiency: N/A
Efficacy: 102.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

Input Watts (W): 244
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

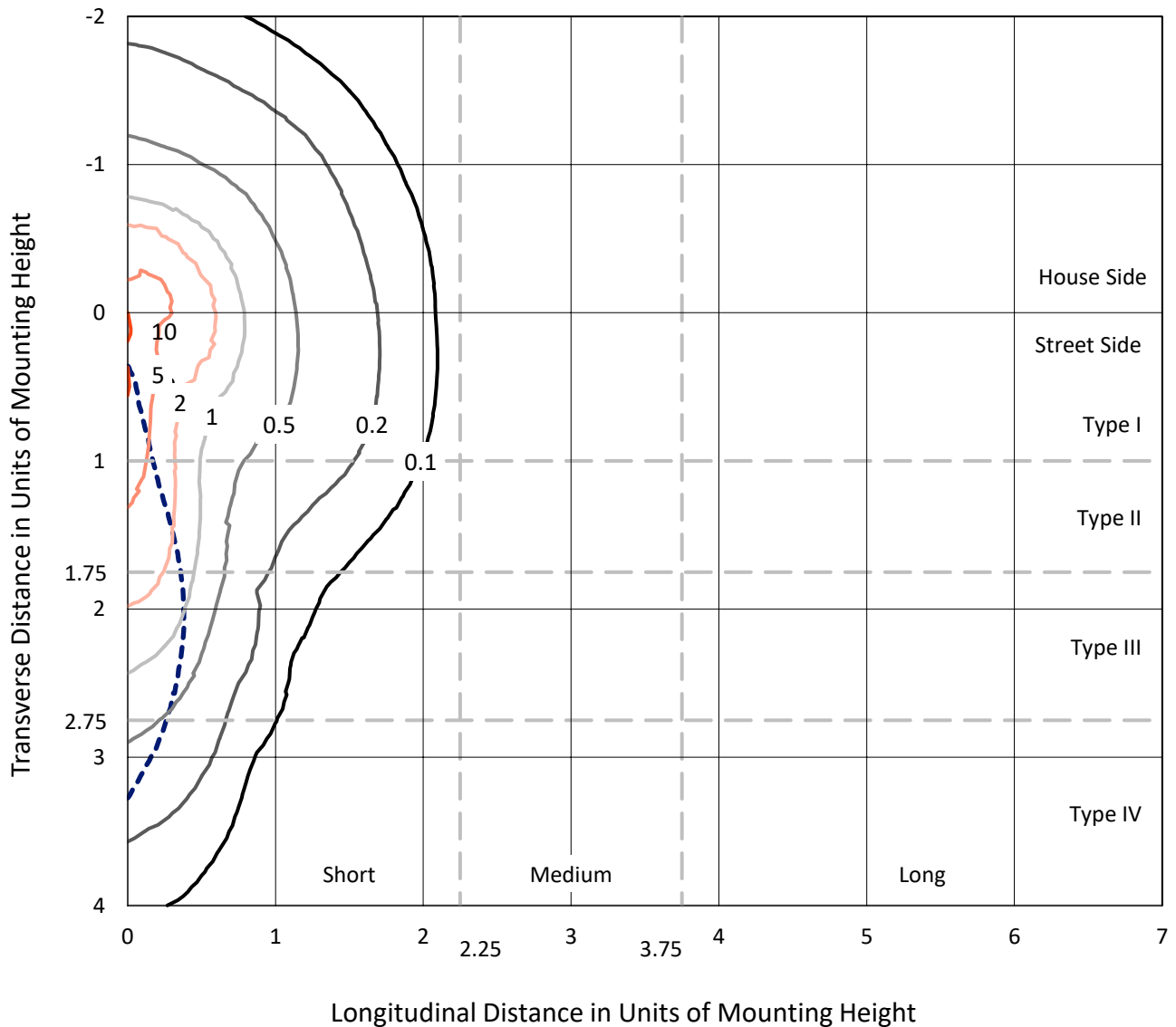




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Iso-Footcandle Lines of Horizontal Illumination

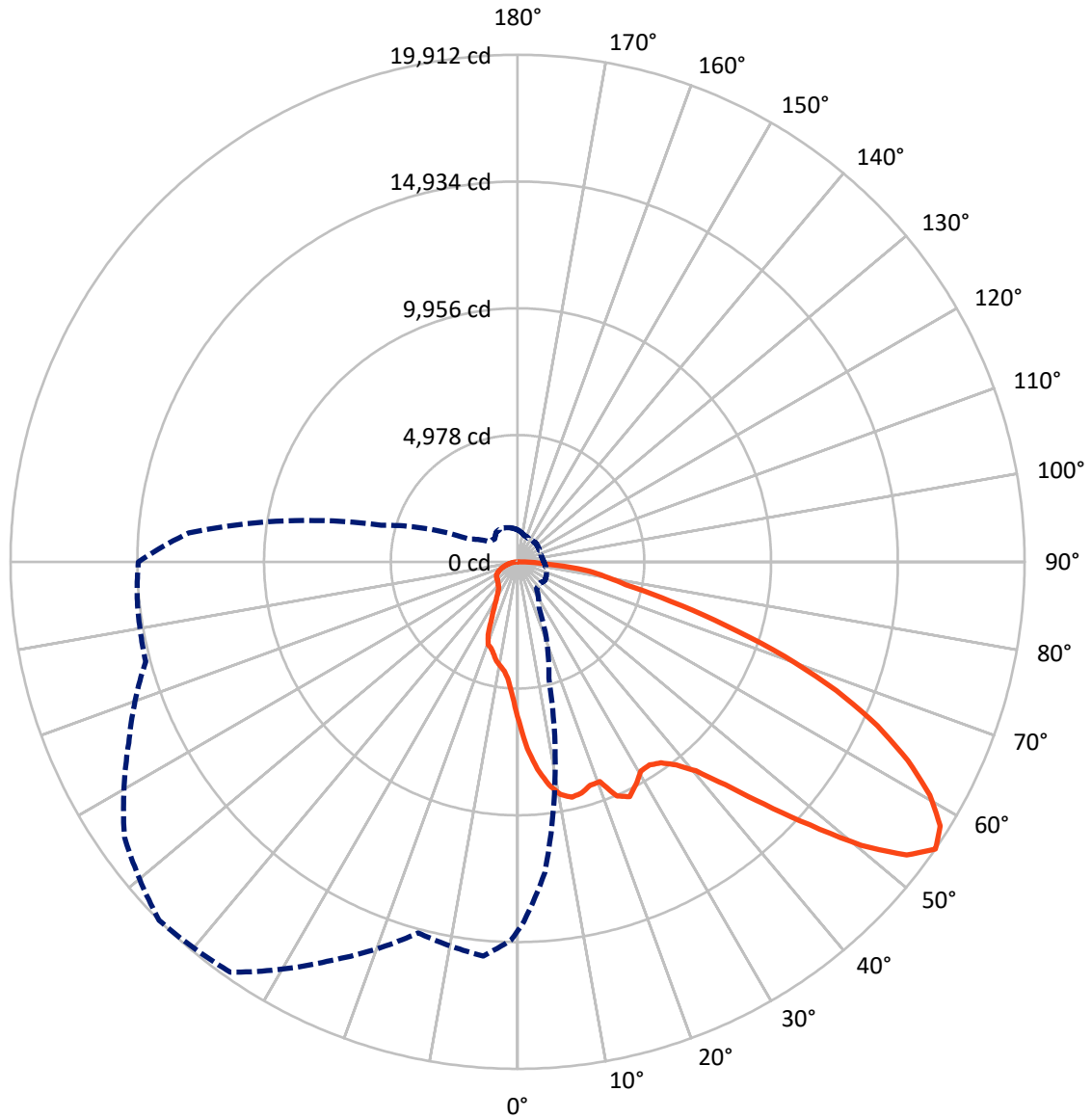
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.7 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	5452.0	0.0	5452.0
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	19471.7	0.0	19471.7
	% Fixture	78.1	0.0	78.1
Total	Lumens	24923.7	0.0	24923.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	530.1	2.1
10°-20°	1406.4	5.6
20°-30°	2429.7	9.7
30°-40°	2823.6	11.3
40°-50°	3939.5	15.8
50°-60°	5345.5	21.4
60°-70°	5085.6	20.4
70°-80°	2747.4	11.0
80°-90°	615.7	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°	24923.7	100.0
0°-180°	24923.7	100.0

Coefficient of Utilization



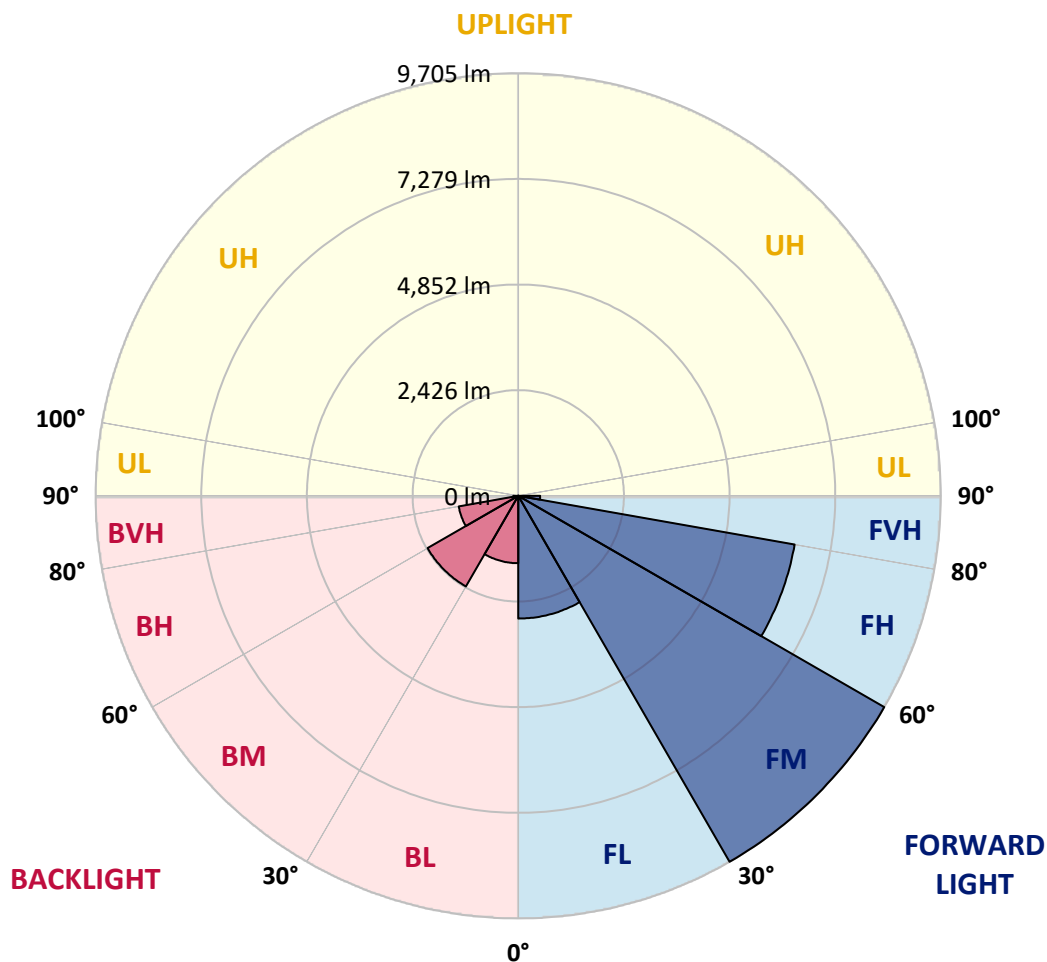
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2818.9	11.3			
FM (30°-60°)	9704.8	38.9			
FH (60°-80°)	6444.8	25.9			G3/7500
FVH (80°-90°)	503.2	2.0			G4/750
BL (0°-30°)	1547.3	6.2	B3/2500		
BM (30°-60°)	2404.0	9.6	B2/2500		
BH (60°-80°)	1388.2	5.6	B3/2500		G3/2500
BVH (80°-90°)	112.5	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-G4

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8
2.5°	6948.7	6922.4	6848.4	6654.4	6458.7	6259.8	6106.9	5916.1	5717.2	5610.3	5473.8
5°	7044.1	7014.5	6840.2	6402.8	6006.5	5590.5	5258.4	4967.4	4849.0	4674.7	4535.0
7.5°	6820.5	6807.3	6545.9	5917.8	5375.1	4831.0	4454.4	4220.9	4008.8	3929.9	3946.3
10°	6616.6	6564.0	6236.8	5416.2	4783.3	4341.0	4071.3	3842.7	3693.1	3653.6	3661.9
12.5°	6447.2	6376.5	5990.1	5079.2	4525.1	4171.6	3827.9	3589.5	3453.0	3490.8	3619.1
15°	6412.7	6317.3	5886.5	4964.1	4383.7	3928.2	3551.7	3277.1	3175.1	3257.4	3462.9
17.5°	6636.3	6516.3	6064.1	5002.0	4248.9	3679.9	3217.9	2903.8	2818.3	2949.9	3217.9
20°	7354.9	7177.3	6618.2	5220.6	4235.7	3556.6	3023.9	2708.2	2744.3	2994.3	3273.8
22.5°	8683.5	8417.1	7588.4	5539.6	4304.8	3525.4	2984.4	2820.0	3018.9	3231.0	3415.2
25°	8946.6	8737.7	7762.7	5611.9	4290.0	3504.0	3096.2	3178.4	3400.4	3505.6	3441.5
27.5°	9094.5	8856.1	7751.2	5253.5	3836.2	3178.4	2959.7	3096.2	3152.1	3050.2	2875.9
30°	9439.8	9191.6	7946.8	4877.0	3158.7	2357.9	2066.9	2011.0	2048.8	2068.5	2006.0
32.5°	9915.1	9670.1	8315.1	4630.3	2731.2	1950.1	1664.0	1585.1	1567.0	1545.6	1521.0
35°	10530.0	10153.5	8676.9	4472.5	2555.2	1803.8	1540.7	1479.9	1455.2	1425.6	1399.3
37.5°	11154.9	10760.2	9134.0	4306.4	2438.5	1701.9	1458.5	1430.5	1387.8	1356.5	1318.7
40°	11819.2	11376.8	9550.0	4161.7	2325.0	1636.1	1399.3	1396.0	1340.1	1303.9	1259.5
42.5°	12394.7	11939.2	9921.6	4072.9	2237.9	1567.0	1363.1	1373.0	1315.4	1261.2	1203.6
45°	12851.8	12404.5	10265.3	4072.9	2167.2	1498.0	1356.5	1350.0	1292.4	1225.0	1159.2
47.5°	13253.0	12790.9	10600.7	4176.5	2122.8	1440.4	1320.4	1331.9	1272.7	1187.2	1123.1
50°	13563.8	13156.0	11052.9	4337.7	2078.4	1394.4	1274.3	1336.8	1256.2	1167.5	1093.5
52.5°	13960.0	13595.0	11597.2	4558.0	2040.6	1343.4	1233.2	1336.8	1254.6	1169.1	1088.5
55°	14509.2	14124.5	12253.2	4740.5	1979.7	1295.7	1197.1	1299.0	1249.7	1160.9	1075.4
57.5°	14894.0	14606.2	12716.9	4862.2	1892.6	1234.9	1164.2	1262.8	1228.3	1129.6	1035.9
58°	14912.1	14630.9	12784.4	4890.1	1871.2	1223.4	1155.9	1246.4	1218.4	1116.5	1022.8
60°	14704.9	14463.2	12797.5	4850.7	1749.5	1165.8	1113.2	1179.0	1165.8	1039.2	952.0
62.5°	13951.8	13693.7	12266.4	4530.0	1588.4	1095.1	1047.4	1088.5	1058.9	930.7	850.1
65°	12881.4	12406.2	11174.6	4026.9	1473.3	1019.5	958.6	961.9	930.7	838.6	767.9
67.5°	11455.8	10924.7	9461.2	3393.8	1386.1	935.6	853.4	845.2	807.4	748.2	690.6
70°	9701.3	9337.9	7688.7	2760.8	1289.1	843.5	735.0	730.1	707.0	662.7	611.7
72.5°	7863.0	7400.9	6208.8	2209.9	1170.7	754.7	624.8	634.7	605.1	573.9	527.8
75°	5802.7	5500.1	4799.7	1772.6	1011.2	657.7	521.2	524.5	511.4	478.5	442.3
77.5°	3821.4	3730.9	3433.3	1164.2	777.8	522.9	425.9	429.2	419.3	389.7	351.9
80°	2571.7	2510.8	2326.7	749.8	519.6	378.2	328.9	332.1	330.5	299.3	248.3
82.5°	1585.1	1558.8	1499.6	506.4	360.1	271.3	217.0	226.9	245.0	210.5	169.4
85°	748.2	749.8	906.0	276.2	212.1	174.3	118.4	126.6	126.6	126.6	95.4
87.5°	97.0	101.9	125.0	116.7	77.3	65.8	42.8	36.2	31.2	41.1	29.6
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°	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8
2.5°	5426.1	5393.2	5322.5	5306.1	5296.2	5324.2	5250.2	5269.9	5237.0	5329.1	5314.3
5°	4543.2	4546.5	4604.0	4641.9	4655.0	4641.9	4592.5	4507.0	4441.3	4414.9	4421.5
7.5°	3915.1	3972.6	4071.3	4181.5	4281.8	4311.4	4283.4	4120.6	3943.0	3831.2	3795.0
10°	3706.3	3783.5	3897.0	3984.1	4072.9	4143.6	4158.4	4031.8	3821.4	3556.6	3453.0
12.5°	3717.8	3823.0	3931.5	3959.5	3951.3	3979.2	3966.1	3944.7	3806.6	3469.5	3296.8
15°	3609.2	3734.2	3809.8	3795.0	3768.7	3744.1	3709.5	3655.3	3605.9	3369.2	3178.4
17.5°	3359.3	3487.6	3550.0	3555.0	3555.0	3548.4	3464.5	3444.8	3438.2	3323.1	3206.4
20°	3405.3	3476.1	3448.1	3402.1	3415.2	3459.6	3410.3	3400.4	3438.2	3489.2	3467.8
22.5°	3431.7	3407.0	3196.5	2992.6	2946.6	3084.7	3112.7	3222.8	3375.7	3559.9	3679.9
25°	3268.9	3069.9	2693.4	2463.2	2333.3	2461.5	2629.2	2833.1	3061.7	3298.5	3438.2
27.5°	2732.8	2581.6	2311.9	2104.7	1991.2	2011.0	2154.0	2339.8	2552.0	2711.5	2813.4
30°	2058.7	1991.2	1851.5	1780.8	1711.7	1695.3	1756.1	1826.8	1920.5	1940.3	1966.6
32.5°	1516.0	1506.2	1514.4	1491.4	1478.2	1476.6	1458.5	1474.9	1484.8	1496.3	1473.3
35°	1371.3	1358.2	1335.2	1328.6	1320.4	1323.7	1315.4	1307.2	1313.8	1323.7	1330.2
37.5°	1297.4	1277.6	1244.7	1233.2	1233.2	1238.2	1225.0	1221.7	1233.2	1264.5	1280.9
40°	1239.8	1216.8	1179.0	1164.2	1174.0	1187.2	1169.1	1162.5	1190.5	1223.4	1249.7
42.5°	1185.5	1167.5	1131.3	1114.8	1123.1	1147.7	1121.4	1116.5	1152.7	1188.8	1220.1
45°	1139.5	1121.4	1088.5	1080.3	1083.6	1106.6	1088.5	1088.5	1123.1	1162.5	1190.5
47.5°	1103.3	1080.3	1058.9	1052.4	1055.6	1068.8	1065.5	1065.5	1098.4	1139.5	1167.5
50°	1067.2	1047.4	1019.5	1022.8	1031.0	1049.1	1047.4	1052.4	1085.2	1136.2	1165.8
52.5°	1050.7	1021.1	989.9	993.2	1017.8	1039.2	1032.6	1037.6	1075.4	1170.7	1213.5
55°	1032.6	993.2	957.0	961.9	989.9	1021.1	1012.9	1019.5	1063.9	1193.8	1253.0
57.5°	998.1	952.0	912.6	915.9	957.0	989.9	976.7	984.9	1037.6	1169.1	1231.6
58°	983.3	943.8	906.0	907.7	947.1	983.3	968.5	975.1	1029.3	1162.5	1221.7
60°	920.8	897.8	864.9	866.5	904.4	935.6	927.4	934.0	986.6	1114.8	1159.2
62.5°	835.3	822.2	813.9	813.9	836.9	866.5	874.8	883.0	930.7	1008.0	1047.4
65°	743.2	743.2	744.9	744.9	759.7	797.5	802.4	823.8	868.2	906.0	935.6
67.5°	680.7	677.5	680.7	672.5	679.1	702.1	726.8	746.5	792.6	818.9	828.7
70°	600.2	598.5	600.2	588.7	596.9	616.6	633.1	665.9	713.6	733.4	738.3
72.5°	521.2	521.2	524.5	516.3	516.3	537.7	549.2	585.4	629.8	641.3	642.9
75°	439.0	444.0	444.0	432.5	435.7	448.9	463.7	493.3	534.4	542.6	542.6
77.5°	348.6	366.7	366.7	355.2	360.1	361.7	381.5	396.3	427.5	430.8	417.7
80°	253.2	271.3	286.1	276.2	284.5	274.6	286.1	296.0	327.2	312.4	291.0
82.5°	180.9	194.0	205.5	207.2	199.0	180.9	195.7	197.3	212.1	192.4	180.9
85°	100.3	111.8	126.6	120.0	106.9	95.4	100.3	103.6	101.9	97.0	90.4
87.5°	26.3	28.0	31.2	23.0	21.4	18.1	24.7	24.7	28.0	29.6	28.0
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°	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8
2.5°	5325.8	5398.2	5554.4	5672.8	5817.5	5993.4	6200.6	6409.4	6634.7	6705.4	6804.0
5°	4406.7	4587.6	4663.2	4878.6	5092.3	5413.0	5755.0	6151.2	6585.3	6794.2	6994.8
7.5°	3765.4	3862.5	3941.4	4099.2	4355.8	4745.4	5174.5	5669.5	6284.4	6588.6	6883.0
10°	3420.1	3430.0	3527.0	3722.7	3946.3	4290.0	4696.1	5250.2	5935.8	6305.8	6651.1
12.5°	3191.6	3148.8	3254.1	3458.0	3711.2	4028.5	4401.8	4929.6	5684.3	6064.1	6481.8
15°	2991.0	2923.6	3002.5	3211.3	3461.3	3834.5	4235.7	4794.8	5585.6	6027.9	6491.6
17.5°	2995.9	2810.1	2838.1	3014.0	3262.3	3642.1	4128.8	4789.8	5735.2	6245.0	6794.2
20°	3365.9	3068.3	2941.7	2974.5	3214.6	3629.0	4178.2	5020.0	6226.9	6970.1	7557.1
22.5°	3729.3	3550.0	3346.2	3278.7	3410.3	3844.4	4492.2	5564.2	7295.7	8415.4	9476.0
25°	3602.7	3755.6	3704.6	3609.2	3638.8	3998.9	4706.0	6011.5	8126.1	9387.2	10383.7
27.5°	2882.5	3160.3	3216.3	3214.6	3226.1	3522.1	4232.4	5710.6	8229.6	9573.0	10525.1
30°	2025.8	2050.4	2080.0	2137.6	2190.2	2454.9	3311.6	5013.4	8183.6	9656.9	10610.6
32.5°	1461.8	1494.7	1535.8	1614.7	1739.7	2076.8	2897.3	4791.5	8427.0	10003.8	10860.5
35°	1336.8	1374.6	1414.1	1504.5	1622.9	1935.3	2732.8	4699.4	8826.5	10566.2	11309.4
37.5°	1297.4	1340.1	1374.6	1440.4	1535.8	1833.4	2583.2	4636.9	9236.0	11161.4	11911.2
40°	1269.4	1318.7	1346.7	1399.3	1465.1	1739.7	2450.0	4587.6	9632.2	11705.7	12394.7
42.5°	1244.7	1295.7	1331.9	1369.7	1424.0	1655.8	2331.6	4538.3	9975.9	12233.5	12876.4
45°	1215.1	1279.3	1325.3	1354.9	1402.6	1585.1	2241.2	4498.8	10367.2	12702.1	13363.1
47.5°	1190.5	1261.2	1318.7	1353.3	1371.3	1535.8	2168.8	4553.1	10837.5	13192.1	13815.3
50°	1192.1	1259.5	1331.9	1386.1	1338.5	1494.7	2124.4	4768.5	11449.2	13774.2	14172.1
52.5°	1244.7	1327.0	1384.5	1397.7	1292.4	1445.3	2101.4	5144.9	12172.7	14288.9	14532.2
55°	1303.9	1389.4	1451.9	1443.7	1267.8	1382.9	2096.5	5546.1	12965.2	14889.1	15000.9
57.5°	1282.6	1407.5	1502.9	1460.1	1269.4	1322.0	2075.1	5870.1	13627.9	15337.9	15464.5
58°	1276.0	1400.9	1509.5	1456.8	1264.5	1303.9	2070.2	5898.0	13720.0	15369.1	15530.3
60°	1211.8	1343.4	1504.5	1432.2	1236.5	1254.6	2015.9	5988.5	13695.3	15208.0	15569.7
62.5°	1095.1	1203.6	1391.1	1312.2	1151.0	1188.8	1894.2	5876.6	13027.7	14431.9	14992.6
65°	963.6	1044.1	1169.1	1154.3	1029.3	1121.4	1728.2	5434.3	11690.9	13172.4	13762.7
67.5°	864.9	930.7	1009.6	988.2	925.7	1031.0	1548.9	4686.3	10191.3	11659.7	12402.9
70°	764.6	815.6	855.0	840.2	820.5	942.2	1389.4	3803.3	8754.2	10222.5	10942.7
72.5°	662.7	710.3	743.2	721.8	710.3	848.5	1259.5	2951.5	6914.2	8433.5	9359.3
75°	554.1	601.8	624.8	600.2	593.6	748.2	1067.2	2205.0	5187.7	6501.5	7300.6
77.5°	429.2	480.1	509.7	501.5	504.8	615.0	861.6	1509.5	3709.5	4431.4	5273.2
80°	300.9	356.8	376.5	368.3	391.3	468.6	608.4	958.6	2558.5	2875.9	3469.5
82.5°	185.8	238.4	241.7	249.9	266.4	346.9	458.8	583.7	1606.5	1660.7	2091.5
85°	93.7	113.5	121.7	134.8	149.6	212.1	261.4	361.7	1034.3	782.7	1169.1
87.5°	31.2	32.9	39.5	49.3	60.8	87.1	111.8	148.0	256.5	141.4	361.7
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°	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8	6254.8
2.5°	7003.0	7142.8	7244.7	7338.4	7248.0	7239.8	7151.0	7007.9	6948.7	6948.7
5°	7415.7	7742.9	8007.7	8177.0	8104.7	7930.4	7642.6	7275.9	7078.6	7044.1
7.5°	7529.2	8175.4	8667.0	8841.3	8719.6	8334.9	7784.0	7165.8	6883.0	6820.5
10°	7460.1	8300.3	9022.2	9298.4	9129.1	8547.0	7795.5	7037.5	6688.9	6616.6
12.5°	7387.8	8316.8	9088.0	9487.5	9377.4	8718.0	7879.4	6953.7	6550.8	6447.2
15°	7440.4	8323.4	9007.4	9420.1	9490.8	8923.5	8017.5	7014.5	6522.9	6412.7
17.5°	7772.5	8448.3	8892.3	9226.1	9474.4	9203.1	8410.5	7305.5	6772.8	6636.3
20°	8466.4	8747.6	8958.1	9216.2	9615.8	9773.6	9214.6	8104.7	7474.9	7354.9
22.5°	10475.8	10424.8	9994.0	9989.0	10567.8	11200.9	11163.1	9729.2	8782.1	8683.5
25°	11228.8	10992.1	10368.9	10217.6	10472.5	11449.2	11307.8	10061.4	9186.6	8946.6
27.5°	10934.5	10347.5	9938.1	9903.5	9819.7	10742.1	11082.5	10196.2	9328.0	9094.5
30°	10916.4	10053.2	9467.8	9536.9	9617.4	10498.8	11207.5	10618.8	9689.8	9439.8
32.5°	10960.8	10094.3	9502.3	9515.5	9755.6	10535.0	11345.6	11079.2	10165.0	9915.1
35°	11140.1	10327.8	9722.7	9691.4	10066.3	10771.7	11580.7	11802.7	10814.5	10530.0
37.5°	11429.5	10793.1	10125.5	10117.3	10661.6	11199.2	11873.4	12532.8	11460.7	11154.9
40°	11855.3	11337.4	10842.4	10798.0	11470.6	11894.8	12253.2	13310.5	12212.1	11819.2
42.5°	12370.0	11990.2	11787.9	11963.8	12610.1	12675.8	12845.2	14029.1	12851.8	12394.7
45°	12846.8	12828.8	13109.9	13576.9	13953.5	13558.8	13463.5	14510.9	13348.3	12851.8
47.5°	13414.1	13904.1	14752.6	15436.5	15831.2	14586.5	13991.3	14824.9	13710.1	13253.0
50°	13989.6	15191.5	16546.4	17500.1	17584.0	15702.9	14354.7	15120.8	14039.0	13563.8
52.5°	14594.7	16219.2	18023.0	19131.3	18968.5	16674.7	14706.5	15321.4	14377.7	13960.0
55°	15120.8	16849.0	18848.5	19912.3	19673.9	17266.6	15086.3	15538.5	14861.1	14509.2
57.5°	15415.2	16901.6	18642.9	19571.9	19313.8	17151.5	15260.6	15699.6	15170.2	14894.0
58°	15457.9	16830.9	18460.4	19374.6	19111.5	17054.5	15258.9	15693.0	15189.9	14912.1
60°	15420.1	16372.1	17781.3	18595.2	18319.0	16446.1	15196.5	15569.7	14940.0	14704.9
62.5°	15069.9	15576.3	16608.9	17200.9	17121.9	15495.7	14940.0	15104.4	14178.7	13951.8
65°	14609.5	14491.1	15107.7	15527.0	15586.2	14783.8	14685.2	14098.1	13202.0	12881.4
67.5°	14050.5	13261.2	13259.6	13498.0	13596.6	13688.7	14154.1	13004.7	11794.5	11455.8
70°	13101.7	11365.3	10842.4	11123.6	11041.4	11819.2	13205.3	11468.9	10097.6	9701.3
72.5°	11362.0	9018.9	8182.0	8543.7	8336.5	9268.8	11554.4	9438.2	8349.7	7863.0
75°	9209.6	6746.5	5883.2	6215.4	6087.1	7030.9	9614.1	6855.0	5988.5	5802.7
77.5°	7151.0	4888.5	4387.0	4341.0	4436.3	5232.1	7052.3	4628.7	3948.0	3821.4
80°	4594.2	3499.1	3528.7	3469.5	3518.8	3298.5	4281.8	2953.2	2673.6	2571.7
82.5°	3023.9	2438.5	2907.1	2683.5	2548.7	2218.2	2808.5	1933.7	1641.0	1585.1
85°	2060.3	1795.6	1634.4	1249.7	1471.6	1708.4	2106.3	1040.8	825.4	748.2
87.5°	930.7	624.8	458.8	282.8	447.2	516.3	1022.8	121.7	93.7	97.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)