

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: P455135

Luminaire Tested: **GALN-SA6B-740-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P455135
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-SA6B-740-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 4000K, 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: 29085 lumens
Efficiency: N/A
Efficacy: 119.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

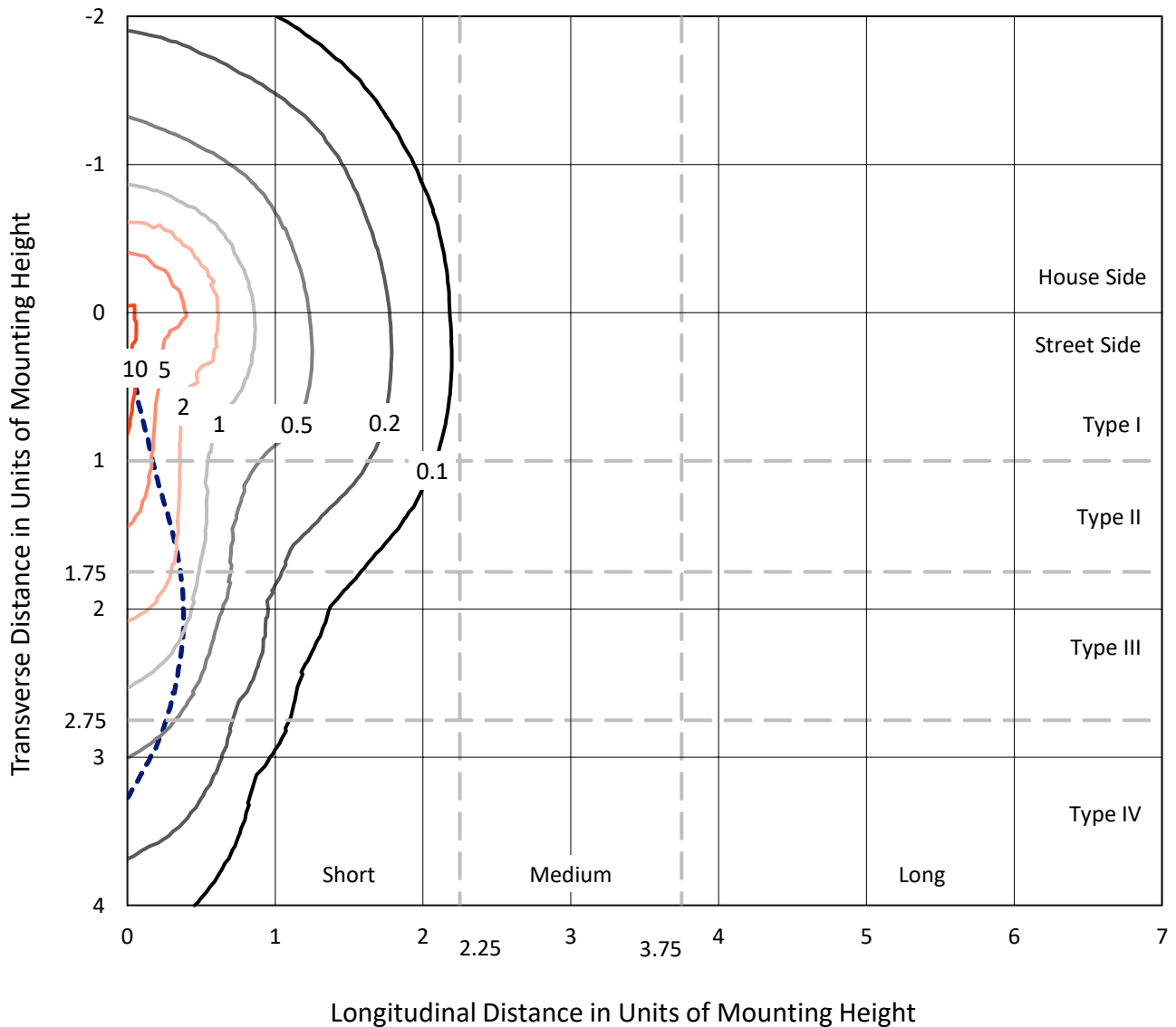
Input Watts (W): 243
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

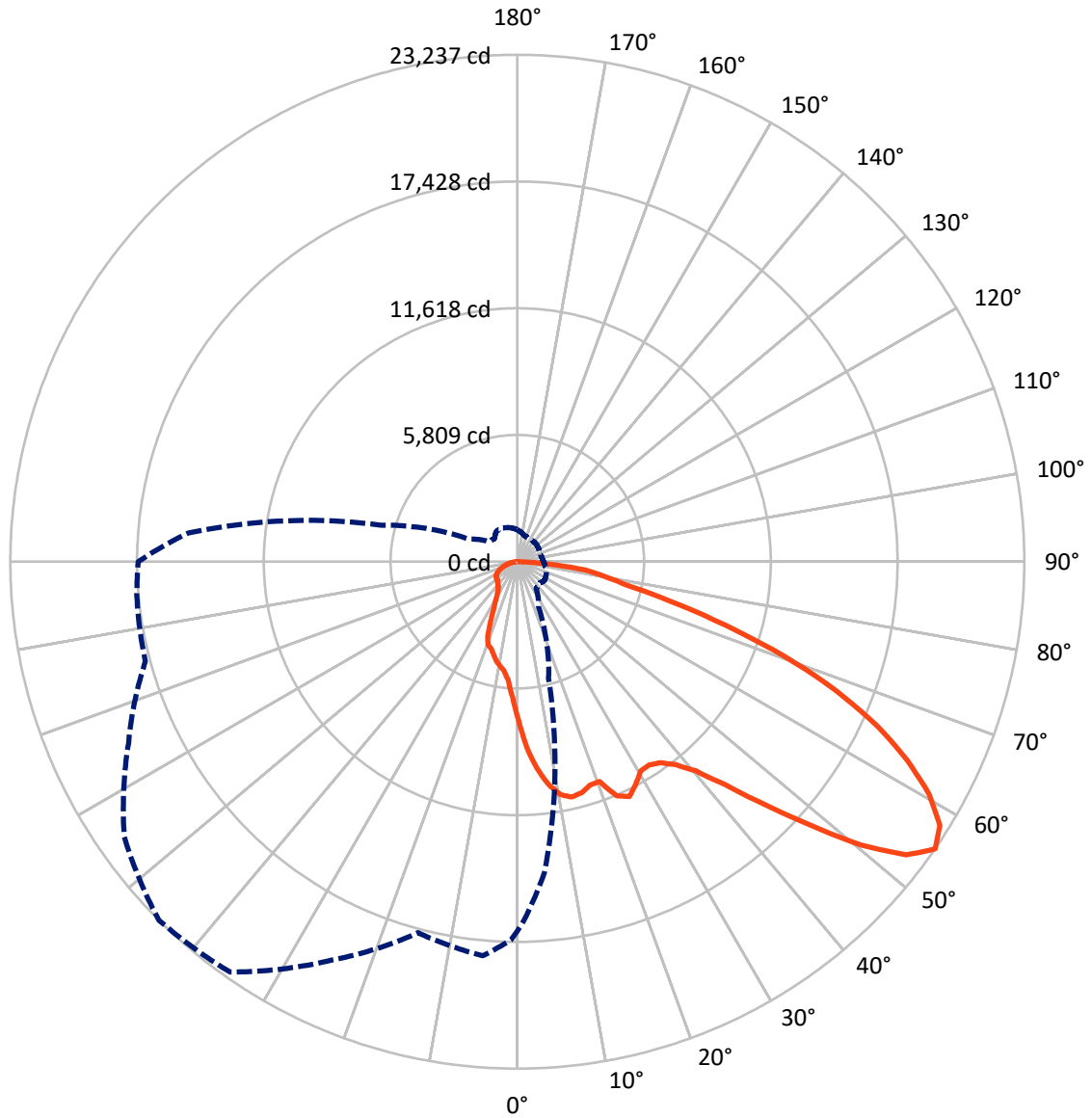
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.5 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	6362.2	0.0	6362.2
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	22722.8	0.0	22722.8
	% Fixture	78.1	0.0	78.1
Total	Lumens	29085.0	0.0	29085.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	618.6	2.1
10°-20°	1641.2	5.6
20°-30°	2835.3	9.7
30°-40°	3295.1	11.3
40°-50°	4597.3	15.8
50°-60°	6238.0	21.4
60°-70°	5934.8	20.4
70°-80°	3206.1	11.0
80°-90°	718.5	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°	29085.0	100.0
0°-180°	29085.0	100.0

Coefficient of Utilization



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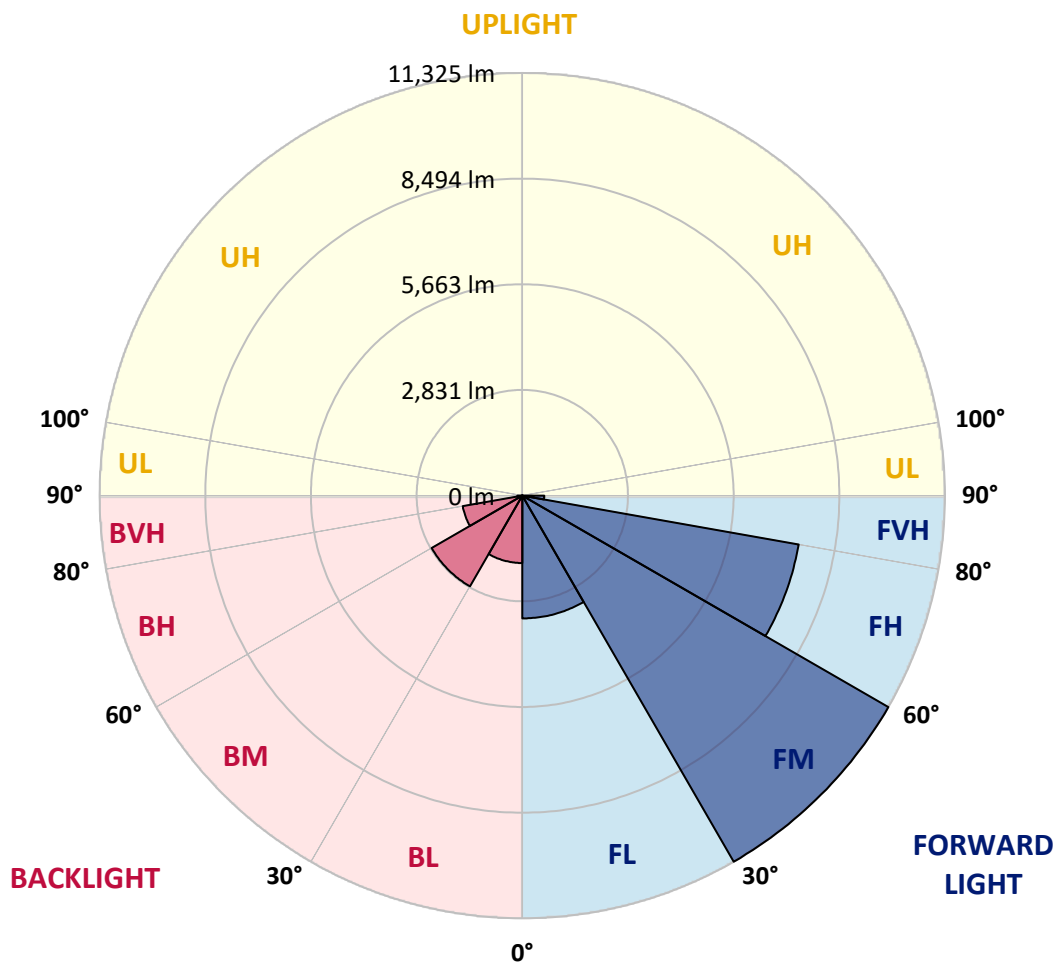
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3289.6	11.3			
FM	(30°-60°)	11325.1	38.9			
FH	(60°-80°)	7520.9	25.9			G4/12000
FVH	(80°-90°)	587.2	2.0			G4/750
BL	(0°-30°)	1805.6	6.2	B3/2500		
BM	(30°-60°)	2805.3	9.6	B3/5000		
BH	(60°-80°)	1620.0	5.6	B3/2500		G3/2500
BVH	(80°-90°)	131.3	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°	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2
2.5°	8108.9	8078.2	7991.9	7765.5	7537.1	7305.0	7126.5	6903.9	6671.7	6547.0	6387.8
5°	8220.2	8185.7	7982.3	7471.9	7009.5	6524.0	6136.4	5796.8	5658.6	5455.2	5292.1
7.5°	7959.3	7943.9	7638.8	6905.8	6272.6	5637.5	5198.1	4925.6	4678.1	4586.0	4605.2
10°	7721.3	7659.9	7278.1	6320.6	5581.9	5065.7	4751.0	4484.3	4309.7	4263.6	4273.2
12.5°	7523.7	7441.2	6990.3	5927.2	5280.6	4868.1	4467.0	4188.8	4029.5	4073.7	4223.3
15°	7483.4	7372.1	6869.4	5792.9	5115.6	4584.1	4144.7	3824.2	3705.2	3801.2	4041.0
17.5°	7744.4	7604.3	7076.6	5837.1	4958.2	4294.3	3755.1	3388.6	3288.9	3442.4	3755.1
20°	8582.9	8375.7	7723.3	6092.3	4942.9	4150.4	3528.7	3160.3	3202.5	3494.2	3820.4
22.5°	10133.3	9822.4	8855.4	6464.5	5023.5	4114.0	3482.7	3290.8	3523.0	3770.5	3985.4
25°	10440.3	10196.6	9058.8	6548.9	5006.2	4089.0	3613.1	3709.1	3968.1	4090.9	4016.1
27.5°	10613.0	10334.8	9045.3	6130.6	4476.6	3709.1	3453.9	3613.1	3678.4	3559.4	3356.0
30°	11016.0	10726.2	9273.7	5691.2	3686.1	2751.6	2412.0	2346.7	2390.9	2413.9	2341.0
32.5°	11570.5	11284.6	9703.5	5403.4	3187.2	2275.7	1941.8	1849.7	1828.6	1803.7	1774.9
35°	12288.1	11848.7	10125.6	5219.2	2981.8	2104.9	1797.9	1726.9	1698.2	1663.6	1632.9
37.5°	13017.3	12556.8	10659.1	5025.4	2845.6	1986.0	1702.0	1669.4	1619.5	1583.0	1538.9
40°	13792.5	13276.3	11144.5	4856.5	2713.2	1909.2	1632.9	1629.1	1563.8	1521.6	1469.8
42.5°	14464.1	13932.6	11578.2	4752.9	2611.5	1828.6	1590.7	1602.2	1535.1	1471.7	1404.6
45°	14997.5	14475.6	11979.2	4752.9	2529.0	1748.0	1583.0	1575.4	1508.2	1429.5	1352.8
47.5°	15465.7	14926.5	12370.6	4873.8	2477.2	1680.9	1540.8	1554.2	1485.2	1385.4	1310.6
50°	15828.4	15352.5	12898.3	5061.9	2425.4	1627.2	1487.1	1560.0	1466.0	1362.4	1276.0
52.5°	16290.8	15864.8	13533.5	5319.0	2381.3	1567.7	1439.1	1560.0	1464.1	1364.3	1270.3
55°	16931.7	16482.7	14299.1	5532.0	2310.3	1512.0	1396.9	1515.9	1458.3	1354.7	1254.9
57.5°	17380.7	17044.9	14840.2	5674.0	2208.6	1441.0	1358.5	1473.7	1433.4	1318.2	1208.9
58°	17401.8	17073.7	14918.8	5706.6	2183.6	1427.6	1348.9	1454.5	1421.8	1302.9	1193.5
60°	17160.0	16878.0	14934.2	5660.5	2041.6	1360.4	1299.0	1375.8	1360.4	1212.7	1111.0
62.5°	16281.2	15979.9	14314.4	5286.4	1853.6	1277.9	1222.3	1270.3	1235.7	1086.1	992.0
65°	15032.1	14477.5	13040.3	4699.2	1719.3	1189.7	1118.7	1122.5	1086.1	978.6	896.1
67.5°	13368.4	12748.7	11040.9	3960.4	1617.6	1091.8	995.9	986.3	942.1	873.1	805.9
70°	11321.0	10897.0	8972.4	3221.7	1504.4	984.4	857.7	852.0	825.1	773.3	713.8
72.5°	9175.8	8636.6	7245.5	2578.9	1366.2	880.7	729.2	740.7	706.1	669.7	615.9
75°	6771.5	6418.5	5601.0	2068.5	1180.1	767.5	608.3	612.1	596.8	558.4	516.2
77.5°	4459.3	4353.8	4006.5	1358.5	907.6	610.2	497.0	500.8	489.3	454.8	410.6
80°	3001.0	2930.0	2715.1	875.0	606.3	441.3	383.8	387.6	385.7	349.2	289.7
82.5°	1849.7	1819.0	1750.0	591.0	420.2	316.6	253.3	264.8	285.9	245.6	197.6
85°	873.1	875.0	1057.3	322.4	247.5	203.4	138.2	147.7	147.7	147.7	111.3
87.5°	113.2	119.0	145.8	136.2	90.2	76.8	49.9	42.2	36.5	48.0	34.5
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2
2.5°	6332.1	6293.7	6211.2	6192.0	6180.5	6213.1	6126.8	6149.8	6111.4	6218.9	6201.6
5°	5301.7	5305.5	5372.7	5416.8	5432.2	5416.8	5359.3	5259.5	5182.7	5152.0	5159.7
7.5°	4568.7	4635.9	4751.0	4879.6	4996.6	5031.2	4998.5	4808.6	4601.3	4470.9	4428.6
10°	4325.0	4415.2	4547.6	4649.3	4752.9	4835.4	4852.7	4705.0	4459.3	4150.4	4029.5
12.5°	4338.5	4461.3	4587.9	4620.5	4610.9	4643.5	4628.2	4603.3	4442.1	4048.7	3847.2
15°	4211.8	4357.6	4445.9	4428.6	4397.9	4369.2	4328.9	4265.5	4208.0	3931.7	3709.1
17.5°	3920.2	4069.8	4142.7	4148.5	4148.5	4140.8	4043.0	4019.9	4012.3	3877.9	3741.7
20°	3973.9	4056.4	4023.8	3970.0	3985.4	4037.2	3979.6	3968.1	4012.3	4071.7	4046.8
22.5°	4004.6	3975.8	3730.2	3492.3	3438.5	3599.7	3632.3	3760.9	3939.3	4154.2	4294.3
25°	3814.6	3582.4	3143.0	2874.4	2722.8	2872.5	3068.2	3306.1	3572.8	3849.2	4012.3
27.5°	3189.1	3012.6	2697.9	2456.1	2323.7	2346.7	2513.7	2730.5	2978.0	3164.1	3283.1
30°	2402.4	2323.7	2160.6	2078.1	1997.5	1978.3	2049.3	2131.8	2241.2	2264.2	2294.9
32.5°	1769.2	1757.6	1767.2	1740.4	1725.0	1723.1	1702.0	1721.2	1732.7	1746.1	1719.3
35°	1600.3	1584.9	1558.1	1550.4	1540.8	1544.7	1535.1	1525.5	1533.1	1544.7	1552.3
37.5°	1514.0	1490.9	1452.5	1439.1	1439.1	1444.9	1429.5	1425.7	1439.1	1475.6	1494.8
40°	1446.8	1419.9	1375.8	1358.5	1370.0	1385.4	1364.3	1356.6	1389.2	1427.6	1458.3
42.5°	1383.5	1362.4	1320.1	1301.0	1310.6	1339.3	1308.6	1302.9	1345.1	1387.3	1423.8
45°	1329.7	1308.6	1270.3	1260.7	1264.5	1291.4	1270.3	1270.3	1310.6	1356.6	1389.2
47.5°	1287.5	1260.7	1235.7	1228.0	1231.9	1247.2	1243.4	1243.4	1281.8	1329.7	1362.4
50°	1245.3	1222.3	1189.7	1193.5	1203.1	1224.2	1222.3	1228.0	1266.4	1325.9	1360.4
52.5°	1226.1	1191.6	1155.1	1159.0	1187.8	1212.7	1205.0	1210.8	1254.9	1366.2	1416.1
55°	1205.0	1159.0	1116.8	1122.5	1155.1	1191.6	1182.0	1189.7	1241.5	1393.1	1462.1
57.5°	1164.7	1111.0	1064.9	1068.8	1116.8	1155.1	1139.8	1149.4	1210.8	1364.3	1437.2
58°	1147.5	1101.4	1057.3	1059.2	1105.2	1147.5	1130.2	1137.9	1201.2	1356.6	1425.7
60°	1074.5	1047.7	1009.3	1011.2	1055.4	1091.8	1082.2	1089.9	1151.3	1301.0	1352.8
62.5°	974.8	959.4	949.8	949.8	976.7	1011.2	1020.8	1030.4	1086.1	1176.2	1222.3
65°	867.3	867.3	869.2	869.2	886.5	930.6	936.4	961.3	1013.1	1057.3	1091.8
67.5°	794.4	790.6	794.4	784.8	792.5	819.3	848.1	871.1	924.9	955.6	967.1
70°	700.4	698.5	700.4	686.9	696.5	719.6	738.7	777.1	832.8	855.8	861.6
72.5°	608.3	608.3	612.1	602.5	602.5	627.5	640.9	683.1	734.9	748.3	750.3
75°	512.3	518.1	518.1	504.7	508.5	523.8	541.1	575.6	623.6	633.2	633.2
77.5°	406.8	427.9	427.9	414.5	420.2	422.1	445.2	462.4	498.9	502.7	487.4
80°	295.5	316.6	333.9	322.4	332.0	320.4	333.9	345.4	381.8	364.6	339.6
82.5°	211.1	226.4	239.9	241.8	232.2	211.1	228.3	230.3	247.5	224.5	211.1
85°	117.0	130.5	147.7	140.1	124.7	111.3	117.0	120.9	119.0	113.2	105.5
87.5°	30.7	32.6	36.5	26.9	24.9	21.1	28.8	28.8	32.6	34.5	32.6
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2
2.5°	6215.1	6299.5	6481.8	6619.9	6788.8	6994.1	7235.9	7479.6	7742.4	7825.0	7940.1
5°	5142.4	5353.5	5441.8	5693.1	5942.6	6316.8	6715.9	7178.3	7684.9	7928.6	8162.7
7.5°	4394.1	4507.3	4599.4	4783.6	5083.0	5537.7	6038.5	6616.1	7333.7	7688.7	8032.2
10°	3991.1	4002.7	4115.9	4344.2	4605.2	5006.2	5480.2	6126.8	6926.9	7358.7	7761.6
12.5°	3724.4	3674.5	3797.3	4035.3	4330.8	4701.1	5136.7	5752.6	6633.4	7076.6	7564.0
15°	3490.3	3411.7	3503.8	3747.5	4039.1	4474.7	4942.9	5595.3	6518.2	7034.4	7575.5
17.5°	3496.1	3279.3	3311.9	3517.2	3806.9	4250.2	4818.2	5589.5	6692.9	7287.7	7928.6
20°	3927.8	3580.5	3432.8	3471.1	3751.3	4234.8	4875.7	5858.2	7266.6	8133.9	8818.9
22.5°	4351.9	4142.7	3904.8	3826.1	3979.6	4486.2	5242.2	6493.3	8513.8	9820.5	11058.2
25°	4204.1	4382.6	4323.1	4211.8	4246.4	4666.6	5491.7	7015.2	9482.8	10954.6	12117.4
27.5°	3363.7	3688.0	3753.2	3751.3	3764.7	4110.1	4939.0	6664.1	9603.7	11171.4	12282.4
30°	2364.0	2392.8	2427.3	2494.5	2555.9	2864.8	3864.5	5850.5	9550.0	11269.2	12382.2
32.5°	1705.8	1744.2	1792.2	1884.3	2030.1	2423.5	3381.0	5591.4	9834.0	11674.1	12673.8
35°	1560.0	1604.1	1650.2	1755.7	1893.9	2258.5	3189.1	5484.0	10300.2	12330.4	13197.7
37.5°	1514.0	1563.8	1604.1	1680.9	1792.2	2139.5	3014.5	5411.1	10778.0	13025.0	13899.9
40°	1481.3	1538.9	1571.5	1632.9	1709.7	2030.1	2859.0	5353.5	11240.5	13660.1	14464.1
42.5°	1452.5	1512.0	1554.2	1598.4	1661.7	1932.3	2720.9	5295.9	11641.5	14276.0	15026.3
45°	1418.0	1492.8	1546.6	1581.1	1636.8	1849.7	2615.4	5249.9	12098.2	14822.9	15594.3
47.5°	1389.2	1471.7	1538.9	1579.2	1600.3	1792.2	2530.9	5313.2	12647.0	15394.7	16121.9
50°	1391.1	1469.8	1554.2	1617.6	1561.9	1744.2	2479.1	5564.6	13360.8	16074.0	16538.3
52.5°	1452.5	1548.5	1615.6	1631.0	1508.2	1686.6	2452.3	6004.0	14205.0	16674.6	16958.5
55°	1521.6	1621.4	1694.3	1684.7	1479.4	1613.7	2446.5	6472.2	15129.9	17374.9	17505.4
57.5°	1496.7	1642.5	1753.8	1703.9	1481.3	1542.7	2421.6	6850.2	15903.2	17898.8	18046.5
58°	1489.0	1634.8	1761.5	1700.1	1475.6	1521.6	2415.8	6882.8	16010.7	17935.2	18123.3
60°	1414.2	1567.7	1755.7	1671.3	1443.0	1464.1	2352.5	6988.3	15981.9	17747.2	18169.3
62.5°	1277.9	1404.6	1623.3	1531.2	1343.2	1387.3	2210.5	6857.9	15202.8	16841.5	17495.8
65°	1124.4	1218.5	1364.3	1347.0	1201.2	1308.6	2016.7	6341.7	13642.8	15371.7	16060.5
67.5°	1009.3	1086.1	1178.2	1153.2	1080.3	1203.1	1807.5	5468.6	11892.9	13606.4	14473.7
70°	892.3	951.7	997.8	980.5	957.5	1099.5	1621.4	4438.2	10215.8	11929.3	12769.8
72.5°	773.3	828.9	867.3	842.4	828.9	990.1	1469.8	3444.3	8068.6	9841.6	10921.9
75°	646.6	702.3	729.2	700.4	692.7	873.1	1245.3	2573.1	6053.9	7587.0	8519.6
77.5°	500.8	560.3	594.8	585.2	589.1	717.6	1005.5	1761.5	4328.9	5171.2	6153.7
80°	351.1	416.4	439.4	429.8	456.7	546.9	710.0	1118.7	2985.7	3356.0	4048.7
82.5°	216.8	278.2	282.1	291.7	310.8	404.9	535.4	681.2	1874.7	1938.0	2440.7
85°	109.4	132.4	142.0	157.3	174.6	247.5	305.1	422.1	1206.9	913.4	1364.3
87.5°	36.5	38.4	46.1	57.6	71.0	101.7	130.5	172.7	299.3	165.0	422.1
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2	7299.2
2.5°	8172.3	8335.4	8454.3	8563.7	8458.2	8448.6	8345.0	8178.0	8108.9	8108.9
5°	8653.9	9035.7	9344.7	9542.3	9457.9	9254.5	8918.7	8490.8	8260.5	8220.2
7.5°	8786.3	9540.4	10114.1	10317.5	10175.5	9726.5	9083.7	8362.2	8032.2	7959.3
10°	8705.7	9686.2	10528.6	10850.9	10653.3	9974.0	9097.1	8212.6	7805.8	7721.3
12.5°	8621.3	9705.4	10605.3	11071.6	10943.0	10173.6	9195.0	8114.7	7644.6	7523.7
15°	8682.7	9713.1	10511.3	10992.9	11075.4	10413.4	9356.2	8185.7	7612.0	7483.4
17.5°	9070.3	9858.9	10377.0	10766.5	11056.3	10739.6	9814.8	8525.3	7903.6	7744.4
20°	9880.0	10208.1	10453.7	10755.0	11221.3	11405.5	10753.1	9457.9	8723.0	8582.9
22.5°	12224.8	12165.3	11662.6	11656.8	12332.3	13071.0	13026.9	11353.7	10248.4	10133.3
25°	13103.6	12827.3	12100.1	11923.6	12221.0	13360.8	13195.7	11741.3	10720.5	10440.3
27.5°	12760.2	12075.1	11597.4	11557.1	11459.2	12535.7	12932.9	11898.6	10885.5	10613.0
30°	12739.1	11731.7	11048.6	11129.2	11223.2	12251.7	13078.7	12391.8	11307.6	11016.0
32.5°	12790.9	11779.6	11088.9	11104.2	11384.4	12293.9	13239.9	12929.0	11862.2	11570.5
35°	13000.0	12052.1	11346.0	11309.5	11747.0	12570.2	13514.3	13773.3	12620.1	12288.1
37.5°	13337.7	12595.1	11816.1	11806.5	12441.6	13069.1	13855.8	14625.3	13374.2	13017.3
40°	13834.7	13230.3	12652.7	12600.9	13385.7	13880.8	14299.1	15532.9	14251.1	13792.5
42.5°	14435.3	13992.0	13756.0	13961.3	14715.4	14792.2	14989.8	16371.4	14997.5	14464.1
45°	14991.8	14970.6	15298.8	15843.7	16283.1	15822.6	15711.3	16933.6	15577.0	14997.5
47.5°	15653.7	16225.6	17215.7	18013.9	18474.4	17021.9	16327.3	17300.1	15999.1	15465.7
50°	16325.3	17728.0	19309.1	20422.0	20519.9	18324.8	16751.3	17645.5	16382.9	15828.4
52.5°	17031.5	18927.3	21032.2	22325.5	22135.5	19458.8	17161.9	17879.6	16778.2	16290.8
55°	17645.5	19662.2	21995.5	23236.9	22958.7	20149.5	17605.2	18132.9	17342.3	16931.7
57.5°	17989.0	19723.6	21755.6	22839.7	22538.5	20015.2	17808.6	18320.9	17703.1	17380.7
58°	18038.8	19641.1	21542.6	22609.5	22302.5	19902.0	17806.7	18313.2	17726.1	17401.8
60°	17994.7	19105.7	20750.1	21700.0	21377.6	19192.1	17733.8	18169.3	17434.4	17160.0
62.5°	17586.0	18177.0	19382.0	20072.8	19980.7	18083.0	17434.4	17626.3	16546.0	16281.2
65°	17048.7	16910.6	17630.1	18119.4	18188.5	17252.1	17137.0	16452.0	15406.2	15032.1
67.5°	16396.3	15475.3	15473.4	15751.6	15866.7	15974.2	16517.2	15176.0	13763.7	13368.4
70°	15289.2	13262.9	12652.7	12980.8	12884.9	13792.5	15410.1	13383.8	11783.5	11321.0
72.5°	13259.1	10524.7	9548.1	9970.2	9728.4	10816.4	13483.6	11014.0	9743.8	9175.8
75°	10747.3	7872.9	6865.5	7253.1	7103.5	8204.9	11219.4	7999.6	6988.3	6771.5
77.5°	8345.0	5704.7	5119.4	5065.7	5177.0	6105.7	8229.8	5401.5	4607.1	4459.3
80°	5361.2	4083.3	4117.8	4048.7	4106.3	3849.2	4996.6	3446.2	3120.0	3001.0
82.5°	3528.7	2845.6	3392.5	3131.5	2974.2	2588.5	3277.3	2256.5	1915.0	1849.7
85°	2404.3	2095.4	1907.3	1458.3	1717.3	1993.7	2458.0	1214.6	963.2	873.1
87.5°	1086.1	729.2	535.4	330.0	521.9	602.5	1193.5	142.0	109.4	113.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)