

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: P534034

Luminaire Tested: **GALN-SA9C-730-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P534034
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA9C-730-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 43229 lumens
Efficiency: N/A
Efficacy: 89.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B4 - U0 - G3

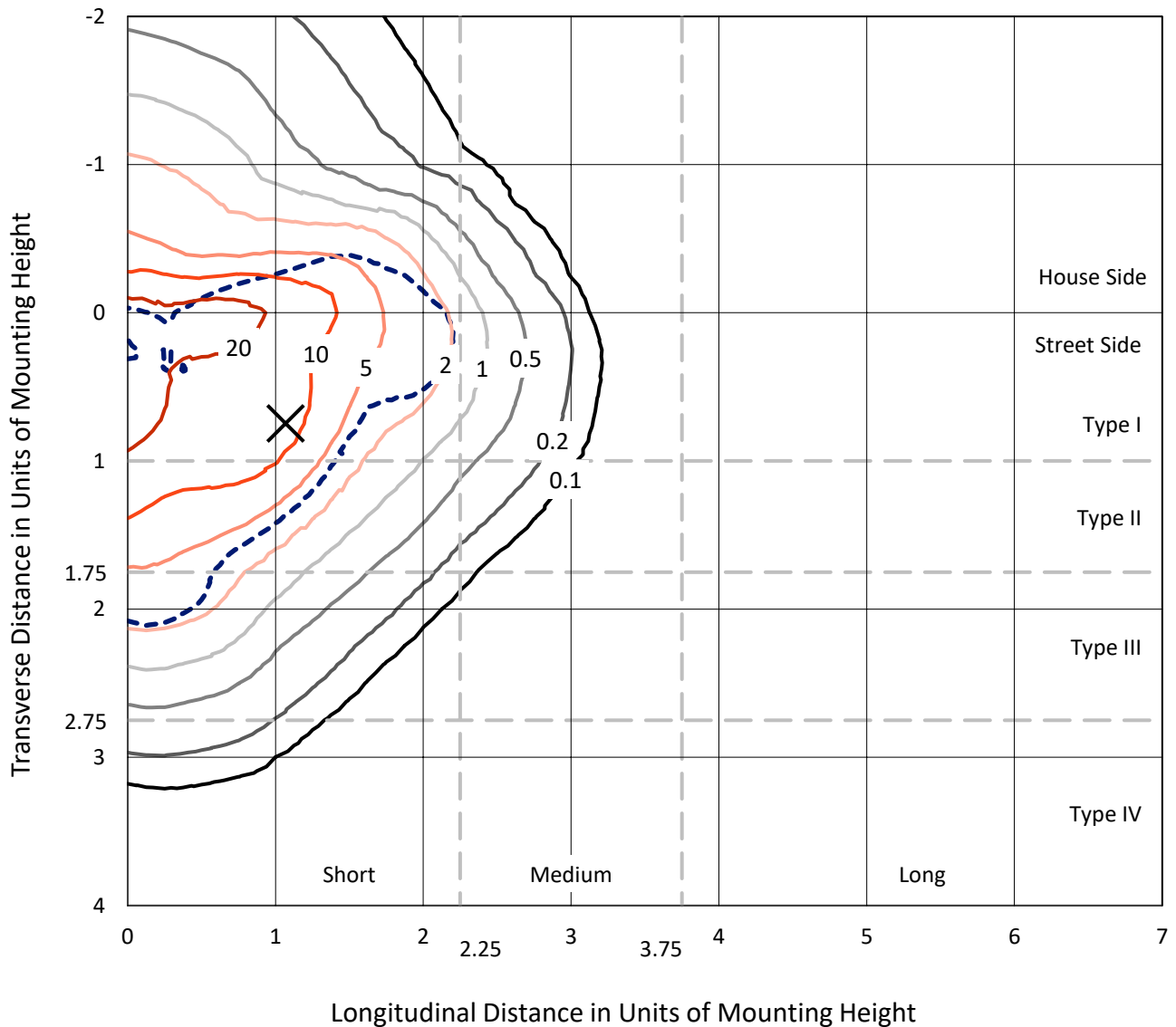
Input Watts (W): 481
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

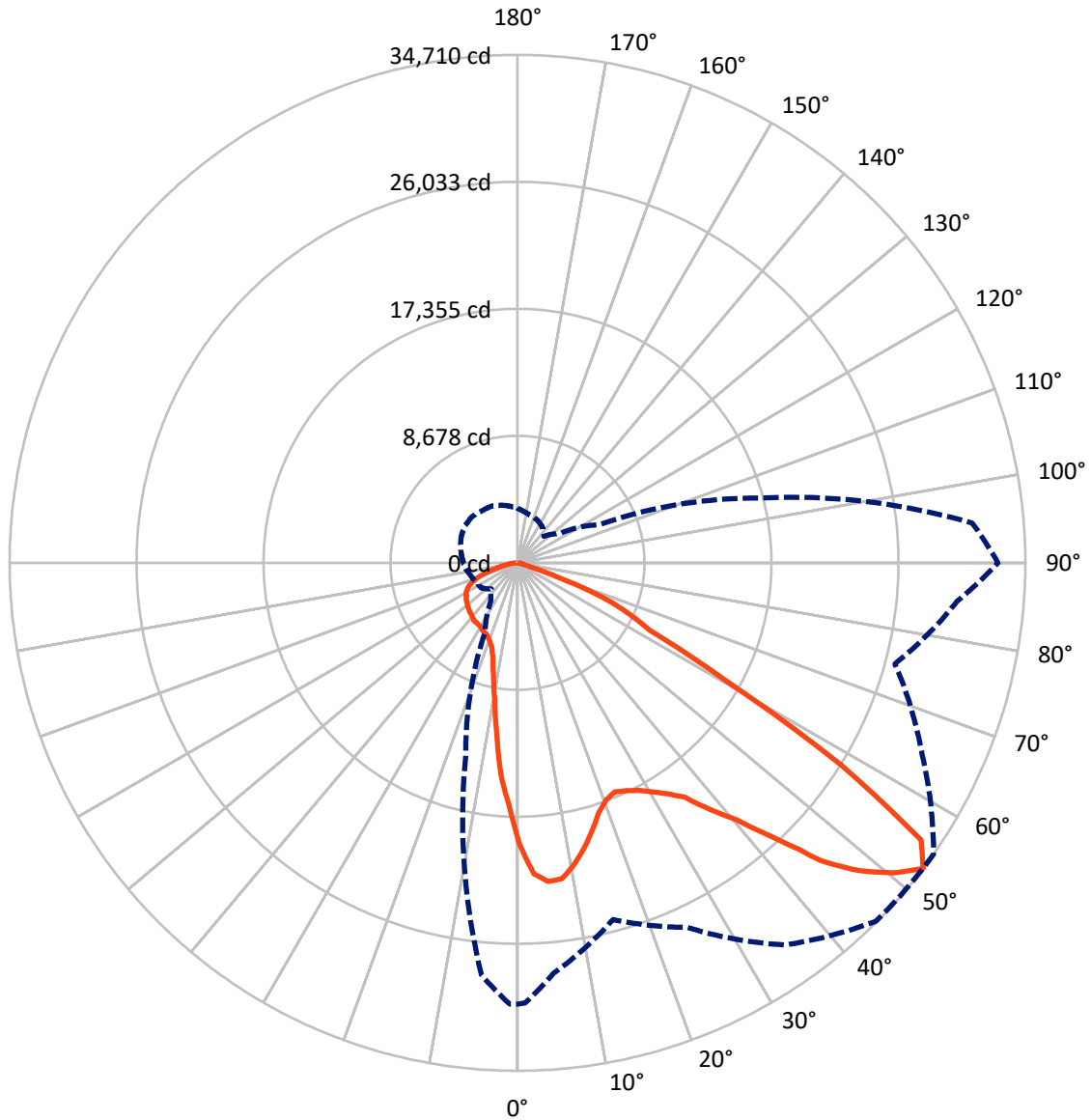
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 32.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13187.2	0.0	13187.2
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	30041.8	0.0	30041.8
	% Fixture	69.5	0.0	69.5
Total	Lumens	43229.0	0.0	43229.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1473.2	3.4
10°-20°	3176.5	7.3
20°-30°	4816.5	11.1
30°-40°	6959.2	16.1
40°-50°	9299.3	21.5
50°-60°	10380.1	24.0
60°-70°	5694.0	13.2
70°-80°	1231.0	2.8
80°-90°	199.1	0.5
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°	43229.0	100.0
0°-180°	43229.0	100.0

Coefficient of Utilization

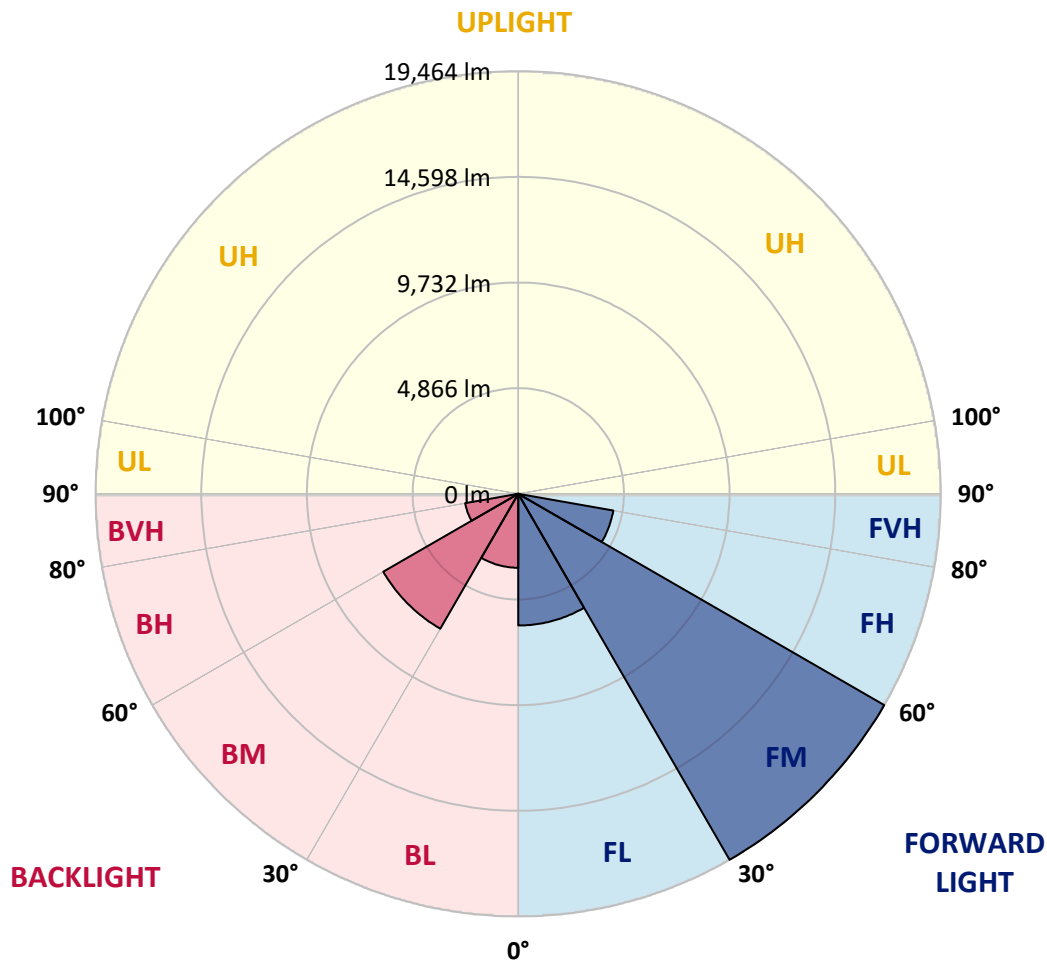


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	6061.5	14.0			
FM (30°-60°)	19463.7	45.0			
FH (60°-80°)	4442.9	10.3			G2/5000
FVH (80°-90°)	73.7	0.2			G1/100
BL (0°-30°)	3404.7	7.9	B4/5000		
BM (30°-60°)	7174.9	16.6	B4/8500		
BH (60°-80°)	2482.1	5.7	B3/2500		G3/2500
BVH (80°-90°)	125.4	0.3			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3
 Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5
2.5°	20236.6	20123.0	20224.0	20703.7	20981.4	21170.8	21290.7	21271.8	20817.3	20375.5	20375.5
5°	19643.3	19498.1	19706.4	20792.1	21884.1	21978.7	22136.5	21877.8	21208.7	20400.7	19390.8
7.5°	17926.4	18033.7	18380.8	19807.4	21227.6	21940.9	22130.2	21802.0	20716.3	19207.7	17724.4
10°	16443.0	16695.5	17497.2	19037.3	20343.9	21271.8	21480.1	21019.3	20160.9	18311.4	16985.9
12.5°	15931.8	15773.9	16664.0	18204.1	19453.9	19952.6	20047.2	20078.8	19498.1	17856.9	16241.0
15°	15868.6	15969.6	16664.0	17831.7	18601.8	18627.0	18784.8	19031.0	19106.7	18166.2	16588.2
17.5°	16777.6	16657.6	17370.9	18298.8	17932.7	17566.6	17604.5	17957.9	18582.8	18431.3	17680.2
20°	18122.1	18393.5	18955.2	18860.6	17875.9	16948.0	16954.3	17288.9	18519.7	19529.7	19201.4
22.5°	20356.5	20621.6	21038.2	19895.8	17875.9	16764.9	16550.3	17004.8	18923.7	20836.3	20918.3
25°	22395.3	22881.4	22995.0	21650.5	18772.2	16935.4	16796.5	17244.7	19327.7	22111.3	22887.7
27.5°	24251.1	24427.8	24926.5	22780.4	19270.9	17049.0	17036.4	17610.8	19838.9	22748.8	24648.8
30°	25715.5	25696.6	25980.6	23493.7	20066.2	17686.5	17074.2	18159.9	20508.0	23802.9	26277.3
32.5°	26712.8	26927.4	27527.1	24484.7	20400.7	18292.5	17812.8	18803.8	21322.3	24301.6	27426.1
35°	28467.6	28840.0	28082.6	25033.8	21461.2	18892.1	18330.4	19681.1	21726.3	24844.4	28833.7
37.5°	30121.4	29837.3	29067.2	25330.5	22149.2	20003.1	19479.2	21379.1	22982.4	26024.8	29767.9
40°	31181.8	31175.5	29805.8	25570.3	22635.2	21701.0	21669.5	23102.3	24522.5	26769.6	30815.7
42.5°	31642.6	32084.4	30108.7	25545.1	23657.8	23758.8	24396.3	25677.6	25614.5	26921.1	30790.4
44°	32273.8	32538.9	30632.6	25601.9	24339.5	25147.4	26649.7	27464.0	26567.6	26839.1	30758.9
45°	32248.5	32267.5	29887.8	25677.6	24920.2	26308.8	27653.3	29029.4	27407.2	26662.3	31175.5
47.5°	31510.0	31295.4	29256.6	25115.9	26731.8	29376.5	30620.0	31453.2	28442.3	26283.6	30657.9
50°	30051.9	29805.8	27722.8	24876.0	27110.5	31282.8	32999.7	33302.7	29382.8	25911.2	30146.6
52.5°	30152.9	30083.5	28158.3	25235.8	27489.2	31882.4	34634.5	34710.3	30449.6	26693.9	30152.9
55°	31958.2	31718.3	29408.1	25684.0	27211.5	31181.8	33593.0	33460.5	30089.8	26220.5	30708.4
57.5°	29244.0	29401.8	27678.6	23910.3	23815.6	25349.4	26409.8	26081.6	25109.6	23664.1	28568.6
60°	23594.6	24042.8	24206.9	19996.7	17970.6	17181.5	16865.9	16285.2	16449.3	19441.3	25096.9
62.5°	20236.6	20211.4	21240.2	18128.4	11772.1	10124.6	9973.1	10105.7	11999.3	19138.3	24579.3
65°	16045.4	16474.6	16790.2	15363.7	9316.7	7517.7	7511.4	8350.9	10383.4	15994.9	19845.3
67.5°	10187.7	10749.5	11140.9	9827.9	6230.0	5352.7	5207.5	6217.4	7195.8	10490.7	11948.8
70°	5744.0	6009.1	6185.9	5668.3	3964.0	2777.3	2613.2	2853.1	4349.0	6791.8	7082.2
72.5°	2215.5	2335.5	2575.3	2594.3	1496.0	896.3	725.9	871.1	1830.5	2689.0	2562.7
75°	340.9	366.1	517.6	618.6	429.2	328.2	347.2	359.8	511.3	694.3	580.7
77.5°	164.1	164.1	157.8	183.1	214.6	233.5	252.5	277.7	303.0	334.5	321.9
80°	107.3	107.3	107.3	126.2	157.8	189.4	214.6	227.2	239.9	265.1	252.5
82.5°	69.4	69.4	69.4	94.7	126.2	157.8	170.4	202.0	227.2	265.1	246.2
85°	37.9	37.9	37.9	63.1	94.7	132.6	126.2	101.0	56.8	6.3	12.6
87.5°	12.6	12.6	12.6	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5
2.5°	19845.3	19554.9	19529.7	18936.3	18406.1	18147.3	17939.0	17358.3	17484.5	17150.0	17143.7
5°	18885.8	18292.5	17333.0	16544.0	15755.0	15597.2	14909.2	14309.5	14328.5	13899.3	13975.0
7.5°	17162.6	16752.3	15584.6	14347.4	13299.6	12554.8	11904.6	11513.3	11014.6	10844.2	10755.8
10°	16070.6	15565.6	14252.7	12700.0	11525.9	11128.2	10503.3	10156.2	9644.9	9392.4	9215.7
12.5°	15590.9	14852.4	13211.2	11633.2	10850.5	10440.2	9910.0	9278.8	8672.8	8439.3	8117.4
15°	15641.4	14757.7	12908.3	11204.0	10263.5	9468.2	8994.7	8294.1	7675.5	7265.2	7031.7
17.5°	16405.2	15332.1	13047.1	10875.8	9525.0	8527.7	7599.8	6842.3	6350.0	6040.7	5964.9
20°	18210.4	16752.3	13280.7	10345.5	8786.4	7543.0	6400.5	5611.5	5232.7	5226.4	5232.7
22.5°	19712.7	18267.2	13754.1	10029.9	8047.9	6280.5	5144.4	4891.9	4816.1	4973.9	4992.9
25°	21738.9	19971.5	14568.3	9865.8	7366.2	5352.7	4652.0	4557.3	4551.0	4753.0	4759.3
27.5°	23815.6	21461.2	15054.4	9386.1	6671.9	4872.9	4355.4	4336.4	4437.4	4652.0	4633.1
30°	25229.5	22711.0	15931.8	8811.7	5851.3	4450.0	4235.4	4260.7	4399.5	4563.7	4588.9
32.5°	26876.9	23941.8	16159.0	8496.1	5346.4	4096.6	3945.1	4001.9	4178.6	4437.4	4576.3
35°	28764.3	24812.9	16506.2	8066.9	5157.0	3825.1	3749.4	3812.5	4027.1	4197.5	4349.0
37.5°	30159.2	26353.0	16569.3	7732.3	4948.7	3673.6	3553.7	3762.0	3888.3	4128.1	4203.9
40°	31194.4	27470.3	16733.4	7524.0	4784.6	3478.0	3478.0	3616.8	3787.3	4008.2	4159.7
42.5°	31857.2	28284.5	16853.3	7334.7	4469.0	3421.2	3389.6	3528.5	3755.7	3970.3	4039.7
44°	32261.2	28631.7	16733.4	7157.9	4380.6	3351.7	3351.7	3471.7	3648.4	3900.9	3982.9
45°	32362.2	29067.2	16468.3	7151.6	4273.3	3269.7	3257.0	3484.3	3604.2	3913.5	3964.0
47.5°	32753.5	29603.8	16499.8	6949.6	4014.5	3074.0	3294.9	3395.9	3503.2	3774.6	3945.1
50°	32740.9	29938.3	16430.4	6653.0	3825.1	2853.1	3219.2	3332.8	3440.1	3717.8	3787.3
52.5°	32829.3	31188.1	17067.9	6179.5	3484.3	2569.0	2966.7	3219.2	3351.7	3585.3	3730.5
55°	32785.1	31901.4	17699.1	5826.1	3004.6	2398.6	2752.1	3048.7	3238.1	3484.3	3553.7
57.5°	29944.6	28196.2	16379.9	5163.3	2487.0	2196.6	2449.1	2872.0	3111.9	3364.4	3452.7
60°	24465.7	21732.6	13507.9	3799.9	2045.1	2019.9	2278.7	2815.2	2916.2	3137.1	3288.6
62.5°	22610.0	19062.6	10711.6	2903.6	1748.5	1849.4	2101.9	2543.8	2701.6	2973.0	3111.9
65°	17692.8	12662.1	6634.0	1963.1	1540.2	1660.1	1899.9	2228.2	2487.0	2739.5	2903.6
67.5°	10478.1	6918.1	3282.3	1376.0	1344.5	1470.7	1716.9	1963.1	2259.7	2537.5	2619.5
70°	5706.1	3402.2	1401.3	1047.8	1142.5	1256.1	1496.0	1666.4	1950.4	2165.1	2303.9
72.5°	1830.5	1035.2	700.6	776.4	871.1	1003.6	1148.8	1357.1	1559.1	1685.3	1798.9
75°	441.8	435.5	498.7	542.8	631.2	732.2	852.1	959.4	1117.2	1237.2	1338.2
77.5°	309.3	334.5	385.0	448.2	479.7	517.6	593.3	675.4	744.8	833.2	896.3
80°	239.9	258.8	296.7	328.2	359.8	391.4	429.2	460.8	505.0	561.8	593.3
82.5°	227.2	239.9	277.7	296.7	284.0	277.7	303.0	315.6	321.9	340.9	359.8
85°	18.9	0.0	12.6	44.2	107.3	157.8	170.4	170.4	164.1	176.7	176.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	25.2	18.9
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5
2.5°	17067.9	16853.3	16935.4	17036.4	16891.2	16556.6	16645.0	16607.1	16948.0	16922.8	17263.6
5°	14309.5	13975.0	14012.9	14505.2	14347.4	14517.8	14177.0	14132.8	14195.9	14227.5	14284.3
7.5°	10951.5	10907.3	11286.0	11702.6	11898.3	11696.3	11361.8	11286.0	11216.6	11077.7	11393.3
10°	8937.9	8950.6	8925.3	9240.9	9461.8	9417.7	9215.7	9190.4	9057.9	9007.4	9184.1
12.5°	7978.5	7808.1	7726.0	7625.0	7795.4	7909.1	7820.7	7757.6	7763.9	7827.0	7852.3
15°	7050.6	6943.3	6766.6	6653.0	6735.0	6678.2	6646.6	6772.9	6741.3	6728.7	6880.2
17.5°	6009.1	6097.5	6084.9	5958.6	6065.9	6021.7	6015.4	5927.1	5807.1	5718.8	5769.3
20°	5321.1	5485.2	5611.5	5617.8	5674.6	5668.3	5573.6	5302.2	5213.8	5194.9	5207.5
22.5°	5074.9	5163.3	5314.8	5529.4	5529.4	5428.4	5314.8	4999.2	4917.1	4828.8	4790.9
25°	4879.3	5049.7	5245.4	5270.6	5371.6	5276.9	5093.9	4936.1	4765.6	4645.7	4645.7
27.5°	4778.3	4967.6	5112.8	5157.0	5295.9	5220.1	5030.7	4828.8	4626.8	4620.5	4513.2
30°	4734.1	4910.8	5005.5	5112.8	5175.9	5056.0	4999.2	4784.6	4582.6	4532.1	4355.4
32.5°	4601.5	4854.0	5030.7	5005.5	5056.0	5005.5	4923.4	4746.7	4519.5	4405.8	4386.9
35°	4450.0	4702.5	4891.9	5024.4	5056.0	4948.7	4898.2	4658.3	4349.0	4292.2	4096.6
37.5°	4368.0	4519.5	4753.0	4967.6	5011.8	4955.0	4784.6	4538.4	4229.1	4166.0	3995.6
40°	4267.0	4462.7	4645.7	4822.4	4955.0	4816.1	4620.5	4380.6	4241.7	4052.4	4001.9
42.5°	4191.2	4412.2	4563.7	4759.3	4910.8	4727.8	4500.5	4336.4	4140.7	4014.5	3869.3
44°	4166.0	4368.0	4469.0	4708.8	4835.1	4696.2	4506.8	4336.4	4109.2	3995.6	3869.3
45°	4077.6	4355.4	4462.7	4677.3	4784.6	4671.0	4431.1	4260.7	4096.6	3957.7	3825.1
47.5°	3989.2	4178.6	4361.7	4532.1	4607.8	4570.0	4368.0	4159.7	3964.0	3881.9	3755.7
50°	3964.0	4153.4	4323.8	4481.6	4570.0	4494.2	4311.2	4109.2	3881.9	3749.4	3642.1
52.5°	3837.8	4071.3	4260.7	4311.2	4424.8	4380.6	4241.7	4020.8	3806.2	3692.6	3604.2
55°	3654.7	3900.9	4159.7	4222.8	4386.9	4317.5	4109.2	3900.9	3717.8	3547.4	3433.8
57.5°	3585.3	3825.1	4077.6	4159.7	4260.7	4147.1	4096.6	3875.6	3585.3	3496.9	3320.2
60°	3408.5	3711.5	3919.8	4109.2	4115.5	4083.9	3995.6	3743.1	3503.2	3339.1	3212.9
62.5°	3269.7	3553.7	3717.8	3894.6	4001.9	3913.5	3825.1	3591.6	3332.8	3149.7	3004.6
65°	3067.7	3326.5	3465.3	3572.7	3692.6	3680.0	3528.5	3358.0	3086.6	2941.4	2802.6
67.5°	2758.4	2985.6	3175.0	3276.0	3351.7	3332.8	3219.2	3099.2	2821.5	2676.3	2575.3
70°	2386.0	2619.5	2739.5	2796.3	2872.0	2909.9	2821.5	2764.7	2518.5	2329.2	2234.5
72.5°	1918.9	2070.4	2247.1	2297.6	2329.2	2354.4	2354.4	2303.9	2051.4	1975.7	1811.6
75°	1413.9	1533.8	1666.4	1666.4	1723.2	1729.5	1742.1	1710.6	1521.2	1420.2	1382.4
77.5°	959.4	1047.8	1155.1	1199.3	1237.2	1230.9	1224.5	1136.2	1035.2	991.0	953.1
80°	624.9	713.3	763.8	820.6	858.4	852.1	864.8	801.6	757.5	681.7	694.3
82.5°	372.4	441.8	492.3	561.8	561.8	580.7	580.7	561.8	517.6	479.7	479.7
85°	176.7	233.5	265.1	309.3	334.5	340.9	303.0	258.8	214.6	195.7	214.6
87.5°	31.6	44.2	63.1	56.8	69.4	63.1	63.1	63.1	63.1	50.5	56.8
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°	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5	19283.5
2.5°	17137.4	17453.0	17673.9	18040.0	18671.2	19176.2	19693.8	20078.8	20123.0	20236.6
5°	14492.6	14663.0	15224.8	15957.0	16474.6	17326.7	17875.9	18873.2	19245.6	19643.3
7.5°	11317.6	11595.3	12346.5	12838.8	13975.0	15041.7	16146.4	17377.2	17869.6	17926.4
10°	9543.9	9947.9	10459.2	11248.2	11866.8	13053.4	14429.5	15799.2	16348.3	16443.0
12.5°	8382.5	8900.1	9581.8	10149.9	10743.2	11778.4	13097.6	14789.3	15502.5	15931.8
15°	7265.2	7801.8	8552.9	9341.9	9865.8	11103.0	12655.8	14562.0	15489.9	15868.6
17.5°	6116.4	6615.1	7233.7	8085.8	9139.9	10528.6	12586.3	15319.5	16335.7	16777.6
20°	5131.7	5409.5	6129.1	7006.4	8325.7	9941.6	12611.6	16436.7	17926.4	18122.1
22.5°	4746.7	4809.8	5093.9	5901.8	7347.3	9341.9	13059.7	18021.1	19712.7	20356.5
25°	4450.0	4437.4	4513.2	5056.0	6634.0	9108.4	13501.6	19479.2	21694.7	22395.3
27.5°	4285.9	4159.7	4166.0	4677.3	6129.1	8729.6	14069.7	21151.9	23941.8	24251.1
30°	4203.9	4178.6	4102.9	4311.2	5579.9	8161.6	14164.4	22799.3	25267.4	25715.5
32.5°	4153.4	3907.2	3812.5	3888.3	5062.3	7543.0	14517.8	23885.0	26908.5	26712.8
35°	3900.9	3680.0	3616.8	3692.6	4696.2	7195.8	14284.3	24831.8	28139.4	28467.6
37.5°	3806.2	3610.5	3484.3	3421.2	4355.4	6905.4	14164.4	26289.9	29332.3	30121.4
40°	3717.8	3509.5	3358.0	3294.9	4090.2	6520.4	14126.5	27413.5	30708.4	31181.8
42.5°	3616.8	3484.3	3313.9	3200.2	3768.3	6135.4	13691.0	27760.6	31131.3	31642.6
44°	3585.3	3383.3	3206.5	3168.7	3642.1	5939.7	13602.6	28076.2	31497.4	32273.8
45°	3553.7	3364.4	3162.4	3111.9	3597.9	5832.4	13482.7	28152.0	32103.4	32248.5
47.5°	3465.3	3345.4	3149.7	3010.9	3503.2	5598.8	13122.9	27722.8	31484.8	31510.0
50°	3395.9	3257.0	3055.1	2783.6	3377.0	5403.2	13287.0	27565.0	29995.1	30051.9
52.5°	3320.2	3111.9	2998.2	2531.2	3168.7	5239.0	13634.1	28278.2	30165.5	30152.9
55°	3231.8	3004.6	2726.8	2316.5	2821.5	5030.7	14473.7	29685.8	31743.6	31958.2
57.5°	3092.9	2897.3	2499.6	2127.2	2423.8	4633.1	14202.2	26990.6	29206.1	29244.0
60°	2909.9	2726.8	2266.0	1982.0	1988.3	3654.7	12700.0	21031.9	23045.5	23594.6
62.5°	2733.1	2632.1	2070.4	1773.7	1691.6	2909.9	10736.9	17478.2	19782.1	20236.6
65°	2524.8	2278.7	1899.9	1615.9	1451.8	2038.8	7606.1	13059.7	15433.1	16045.4
67.5°	2259.7	1994.6	1672.7	1420.2	1243.5	1363.4	3926.1	7423.0	9827.9	10187.7
70°	1975.7	1729.5	1407.6	1199.3	1003.6	940.5	1729.5	3541.1	5371.6	5744.0
72.5°	1622.2	1395.0	1123.6	946.8	751.1	650.1	580.7	946.8	1906.3	2215.5
75°	1174.1	1016.2	845.8	675.4	530.2	416.6	340.9	284.0	315.6	340.9
77.5°	864.8	738.5	624.9	479.7	372.4	296.7	233.5	176.7	170.4	164.1
80°	675.4	599.6	498.7	385.0	290.4	220.9	164.1	119.9	107.3	107.3
82.5°	530.2	492.3	410.3	315.6	239.9	176.7	119.9	82.1	69.4	69.4
85°	202.0	202.0	296.7	258.8	183.1	126.2	82.1	44.2	37.9	37.9
87.5°	50.5	50.5	50.5	50.5	44.2	37.9	37.9	18.9	12.6	12.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)