

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: STREETWORKS

Report Number: P653611

Luminaire Tested: **GLAN-SA9D-840-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P653611
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: STREETWORKS
Catalog Number: GLAN-SA9D-840-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 80 CRI, 4000K, 1200mA 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: 50839.3 lumens
Efficiency: N/A
Efficacy: 92.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

Input Watts (W): 552
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

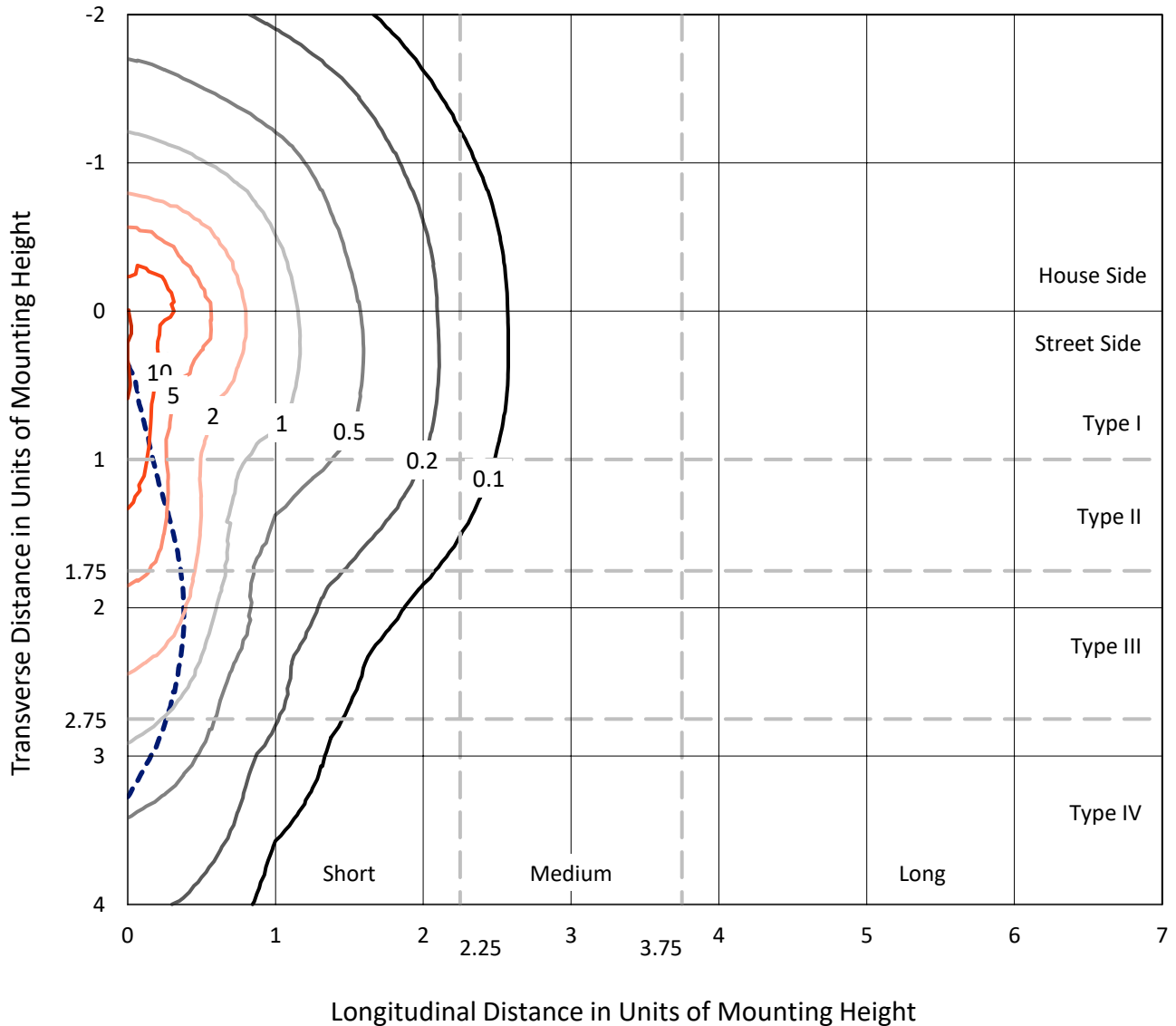




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Iso-Footcandle Lines of Horizontal Illumination

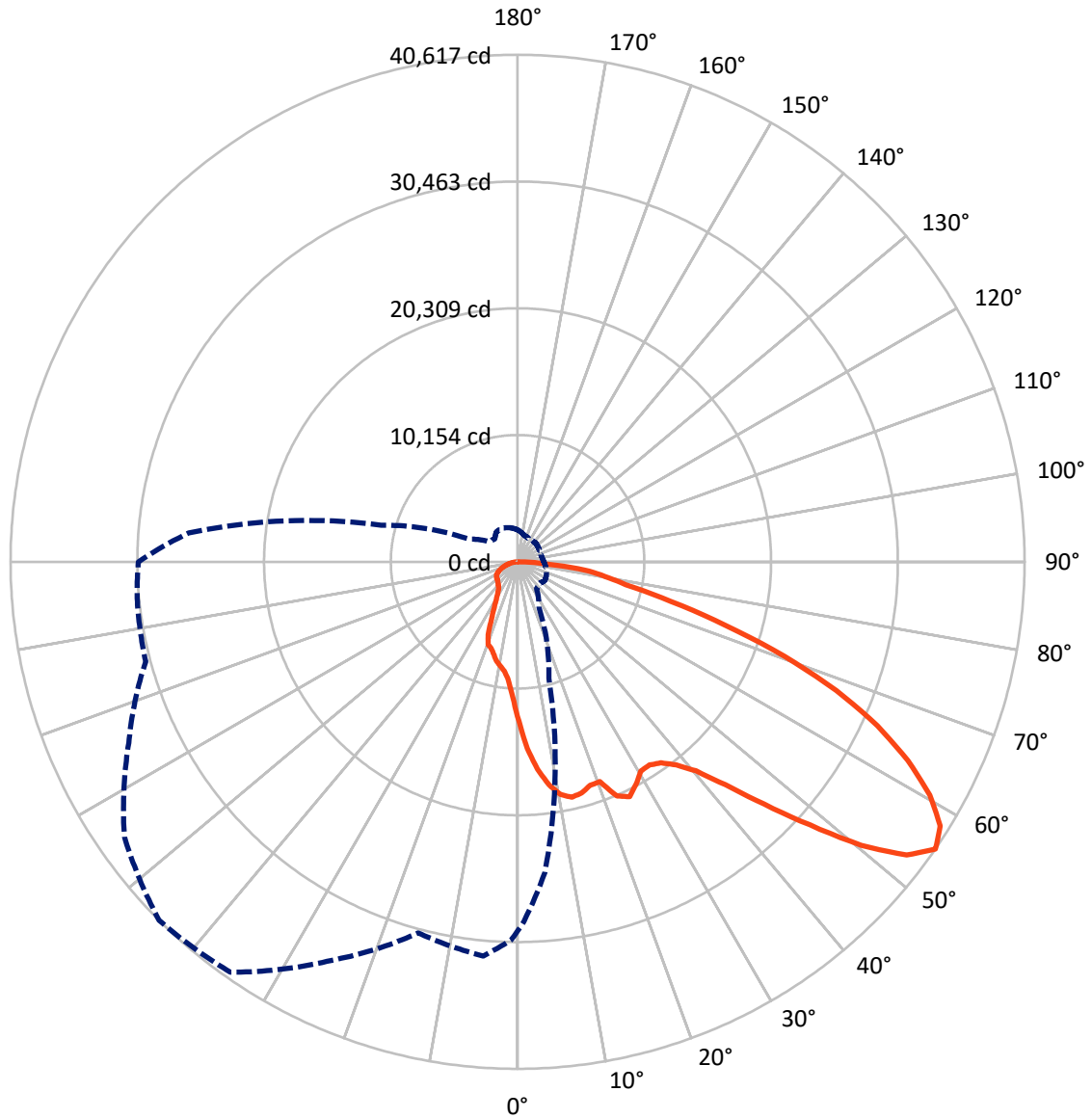
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 21.9 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	11120.9	0.0	11120.9
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	39718.4	0.0	39718.4
	% Fixture	78.1	0.0	78.1
Total	Lumens	50839.3	0.0	50839.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1081.4	2.1
10°-20°	2868.8	5.6
20°-30°	4956.0	9.7
30°-40°	5759.7	11.3
40°-50°	8035.9	15.8
50°-60°	10903.8	21.4
60°-70°	10373.7	20.4
70°-80°	5604.1	11.0
80°-90°	1256.0	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°	50839.3	100.0
0°-180°	50839.3	100.0

Coefficient of Utilization

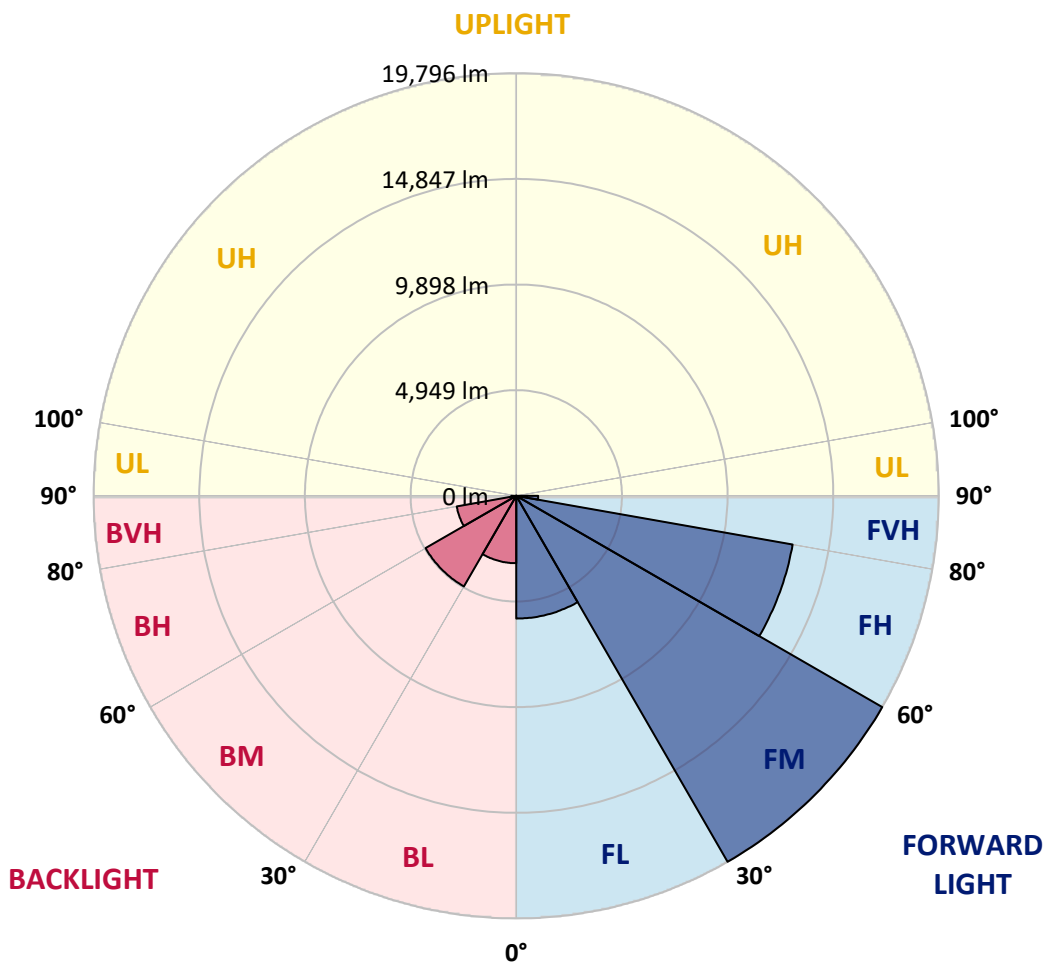


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5750.0	11.3			
FM (30°-60°)	19795.8	38.9			
FH (60°-80°)	13146.2	25.9			G5
FVH (80°-90°)	1026.5	2.0			G5
BL (0°-30°)	3156.1	6.2	B4/5000		
BM (30°-60°)	4903.6	9.6	B3/5000		
BH (60°-80°)	2831.6	5.6	B4/5000		G4/5000
BVH (80°-90°)	229.5	0.5			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5
 Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6
2.5°	14174.0	14120.4	13969.5	13573.7	13174.6	12768.7	12456.8	12067.8	11661.9	11443.9	11165.5
5°	14368.6	14308.3	13952.7	13060.6	12252.2	11403.6	10726.1	10132.5	9891.0	9535.4	9250.4
7.5°	13912.5	13885.7	13352.3	12071.1	10964.3	9854.1	9086.0	8609.7	8177.1	8016.1	8049.6
10°	13496.5	13389.2	12721.8	11048.1	9756.9	8854.6	8304.5	7838.4	7533.1	7452.6	7469.4
12.5°	13151.1	13006.9	12218.7	10360.5	9230.2	8509.2	7808.2	7321.8	7043.5	7120.6	7382.2
15°	13080.7	12886.1	12007.4	10125.8	8941.8	8012.7	7244.7	6684.5	6476.6	6644.3	7063.6
17.5°	13536.8	13292.0	12369.6	10202.9	8666.8	7506.3	6563.8	5923.2	5748.8	6017.1	6563.8
20°	15002.5	14640.3	13499.9	10649.0	8639.9	7254.7	6168.1	5524.0	5597.9	6107.7	6677.9
22.5°	17712.6	17169.2	15478.8	11299.7	8780.8	7191.0	6087.6	5752.1	6158.0	6590.7	6966.3
25°	18249.2	17823.2	15834.3	11447.3	8750.6	7147.4	6315.6	6483.4	6936.1	7150.8	7020.0
27.5°	18551.0	18064.8	15810.8	10716.1	7824.9	6483.4	6037.2	6315.6	6429.6	6221.7	5866.1
30°	19255.4	18748.9	16209.9	9948.0	6443.1	4809.7	4216.0	4102.0	4179.1	4219.4	4091.9
32.5°	20224.7	19725.0	16961.3	9444.9	5571.0	3977.8	3394.3	3233.3	3196.4	3152.7	3102.4
35°	21479.1	20711.1	17699.2	9122.9	5212.2	3679.4	3142.7	3018.6	2968.3	2907.9	2854.3
37.5°	22753.7	21948.7	18631.6	8784.2	4974.0	3471.4	2975.0	2918.0	2830.8	2767.1	2689.9
40°	24108.7	23206.5	19480.1	8489.1	4742.6	3337.3	2854.3	2847.5	2733.5	2659.7	2569.2
42.5°	25282.6	24353.5	20238.2	8307.9	4564.8	3196.4	2780.5	2800.6	2683.2	2572.5	2455.1
45°	26215.0	25302.7	20939.1	8307.9	4420.6	3055.5	2767.1	2753.7	2636.3	2498.8	2364.6
47.5°	27033.4	26090.8	21623.4	8519.2	4330.1	2938.1	2693.3	2716.8	2596.0	2421.6	2290.8
50°	27667.3	26835.5	22545.7	8847.9	4239.5	2844.2	2599.4	2726.8	2562.4	2381.4	2230.4
52.5°	28475.6	27731.0	23655.9	9297.3	4162.4	2740.2	2515.5	2726.8	2559.1	2384.7	2220.3
55°	29595.8	28811.0	24994.1	9669.6	4038.2	2642.9	2441.8	2649.7	2549.1	2367.9	2193.5
57.5°	30380.7	29793.7	25940.0	9917.8	3860.4	2518.9	2374.6	2575.9	2505.4	2304.2	2113.0
58°	30417.5	29844.1	26077.5	9974.8	3816.9	2495.4	2357.9	2542.3	2485.3	2277.3	2086.2
60°	29994.9	29501.9	26104.3	9894.4	3568.7	2378.0	2270.7	2404.8	2378.0	2119.7	1942.0
62.5°	28458.9	27932.2	25020.9	9240.3	3240.0	2233.8	2136.5	2220.3	2160.0	1898.4	1734.1
65°	26275.4	25306.0	22793.9	8214.0	3005.2	2079.5	1955.4	1962.1	1898.4	1710.5	1566.4
67.5°	23367.4	22284.1	19299.0	6922.7	2827.4	1908.4	1740.7	1724.0	1646.8	1526.1	1408.7
70°	19788.7	19047.5	15683.4	5631.4	2629.6	1720.6	1499.3	1489.2	1442.2	1351.7	1247.7
72.5°	16038.9	15096.5	12664.8	4507.8	2388.0	1539.5	1274.5	1294.6	1234.3	1170.6	1076.6
75°	11836.3	11219.2	9790.3	3615.6	2062.7	1341.6	1063.2	1069.9	1043.1	976.0	902.2
77.5°	7794.7	7610.3	7003.2	2374.6	1586.5	1066.6	868.7	875.4	855.3	794.9	717.8
80°	5245.7	5121.6	4745.9	1529.4	1059.8	771.4	670.8	677.5	674.1	610.4	506.5
82.5°	3233.3	3179.6	3058.9	1033.0	734.5	553.4	442.7	462.9	499.7	429.3	345.5
85°	1526.1	1529.4	1848.1	563.5	432.7	355.5	241.5	258.3	258.3	258.3	194.5
87.5°	197.9	208.0	254.9	238.2	157.6	134.1	87.2	73.8	63.7	83.8	60.4
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°	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6
2.5°	11068.2	11001.2	10857.0	10823.4	10803.3	10860.3	10709.4	10749.7	10682.6	10870.3	10840.2
5°	9267.1	9273.9	9391.3	9468.4	9495.2	9468.4	9367.7	9193.4	9059.2	9005.5	9019.0
7.5°	7985.9	8103.3	8304.5	8529.3	8733.9	8794.3	8737.2	8405.1	8042.9	7814.8	7741.1
10°	7559.9	7717.6	7949.0	8126.8	8307.9	8452.1	8482.3	8224.1	7794.7	7254.7	7043.5
12.5°	7583.5	7798.1	8019.4	8076.5	8059.7	8116.7	8089.9	8046.3	7764.5	7077.0	6724.8
15°	7362.0	7616.9	7771.3	7741.1	7687.4	7637.1	7566.6	7456.0	7355.4	6872.4	6483.4
17.5°	6852.2	7113.9	7241.3	7251.4	7251.4	7238.0	7066.9	7026.6	7013.3	6778.5	6540.3
20°	6946.2	7090.4	7033.4	6939.4	6966.3	7056.8	6956.2	6936.1	7013.3	7117.2	7073.7
22.5°	6999.8	6949.5	6520.2	6104.3	6010.4	6292.1	6349.1	6573.8	6885.8	7261.4	7506.3
25°	6667.8	6261.9	5493.9	5024.3	4759.4	5020.9	5363.1	5778.9	6245.2	6728.2	7013.3
27.5°	5574.4	5265.8	4715.7	4293.1	4061.7	4102.0	4393.7	4772.8	5205.5	5530.8	5738.7
30°	4199.2	4061.7	3776.6	3632.4	3491.5	3458.0	3582.1	3726.3	3917.5	3957.7	4011.4
32.5°	3092.4	3072.3	3089.1	3042.1	3015.2	3011.9	2975.0	3008.6	3028.7	3052.2	3005.2
35°	2797.3	2770.4	2723.5	2710.0	2693.3	2699.9	2683.2	2666.5	2679.8	2699.9	2713.4
37.5°	2646.3	2606.1	2539.0	2515.5	2515.5	2525.6	2498.8	2492.1	2515.5	2579.3	2612.8
40°	2528.9	2482.0	2404.8	2374.6	2394.7	2421.6	2384.7	2371.3	2428.3	2495.4	2549.1
42.5°	2418.2	2381.4	2307.5	2274.1	2290.8	2341.1	2287.4	2277.3	2351.2	2424.9	2488.7
45°	2324.4	2287.4	2220.3	2203.6	2210.3	2257.2	2220.3	2220.3	2290.8	2371.3	2428.3
47.5°	2250.5	2203.6	2160.0	2146.6	2153.3	2180.1	2173.4	2173.4	2240.5	2324.4	2381.4
50°	2176.8	2136.5	2079.5	2086.2	2103.0	2139.8	2136.5	2146.6	2213.7	2317.6	2378.0
52.5°	2143.2	2082.8	2019.2	2025.8	2076.2	2119.7	2106.3	2116.4	2193.5	2388.0	2475.2
55°	2106.3	2025.8	1952.0	1962.1	2019.2	2082.8	2066.1	2079.5	2170.0	2435.0	2555.8
57.5°	2035.9	1942.0	1861.5	1868.2	1952.0	2019.2	1992.2	2009.1	2116.4	2384.7	2512.2
58°	2005.7	1925.2	1848.1	1851.4	1931.9	2005.7	1975.5	1989.0	2099.6	2371.3	2492.1
60°	1878.3	1831.3	1764.2	1767.5	1844.7	1908.4	1891.7	1905.1	2012.4	2274.1	2364.6
62.5°	1703.9	1677.0	1660.2	1660.2	1707.2	1767.5	1784.3	1801.1	1898.4	2056.0	2136.5
65°	1516.0	1516.0	1519.4	1519.4	1549.5	1626.7	1636.8	1680.4	1770.9	1848.1	1908.4
67.5°	1388.6	1381.8	1388.6	1371.8	1385.2	1432.1	1482.5	1522.7	1616.7	1670.3	1690.4
70°	1224.2	1220.9	1224.2	1200.7	1217.5	1257.7	1291.3	1358.4	1455.6	1495.9	1506.0
72.5°	1063.2	1063.2	1069.9	1053.2	1053.2	1096.7	1120.2	1194.1	1284.6	1308.1	1311.5
75°	895.5	905.6	905.6	882.1	888.9	915.7	945.9	1006.2	1090.0	1106.8	1106.8
77.5°	711.1	748.0	748.0	724.4	734.5	737.9	778.1	808.3	872.0	878.8	851.9
80°	516.5	553.4	583.6	563.5	580.2	560.1	583.6	603.8	667.4	637.2	593.7
82.5°	368.9	395.8	419.2	422.6	405.9	368.9	399.1	402.5	432.7	392.4	368.9
85°	204.6	228.1	258.3	244.8	218.0	194.5	204.6	211.3	208.0	197.9	184.4
87.5°	53.7	57.0	63.7	46.9	43.6	36.9	50.3	50.3	57.0	60.4	57.0
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°	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6
2.5°	10863.6	11011.2	11329.9	11571.3	11866.5	12225.4	12648.0	13073.9	13533.5	13677.7	13878.9
5°	8988.8	9357.7	9512.0	9951.4	10387.4	11041.4	11739.0	12547.4	13432.9	13858.8	14268.0
7.5°	7680.7	7878.6	8039.5	8361.6	8884.8	9679.7	10555.1	11564.7	12819.0	13439.5	14039.9
10°	6976.3	6996.4	7194.3	7593.5	8049.6	8750.6	9579.1	10709.4	12108.0	12862.7	13567.0
12.5°	6510.2	6423.0	6637.6	7053.5	7570.0	8217.3	8978.7	10055.3	11594.9	12369.6	13221.5
15°	6101.0	5963.4	6124.4	6550.4	7060.2	7821.6	8639.9	9780.3	11393.6	12295.8	13241.6
17.5°	6111.0	5732.0	5789.0	6147.9	6654.3	7429.1	8421.9	9770.2	11698.8	12738.5	13858.8
20°	6865.7	6258.6	6000.4	6067.4	6557.1	7402.3	8522.5	10239.8	12701.6	14217.7	15415.0
22.5°	7606.9	7241.3	6825.4	6687.9	6956.2	7841.7	9163.2	11350.0	14881.7	17165.8	19329.2
25°	7348.7	7660.6	7556.6	7362.0	7422.4	8156.9	9599.2	12262.3	16575.5	19148.1	21180.6
27.5°	5879.6	6446.4	6560.5	6557.1	6580.6	7184.3	8633.2	11648.5	16786.9	19527.1	21469.0
30°	4132.2	4182.5	4242.8	4360.2	4467.6	5007.6	6755.0	10226.4	16692.9	19698.2	21643.5
32.5°	2981.7	3048.8	3132.6	3293.6	3548.5	4236.1	5909.8	9773.6	17189.4	20405.9	22153.3
35°	2726.8	2804.0	2884.5	3068.9	3310.4	3947.7	5574.4	9585.8	18004.4	21552.9	23068.9
37.5°	2646.3	2733.5	2804.0	2938.1	3132.6	3739.8	5269.1	9458.3	18839.5	22767.0	24296.5
40°	2589.3	2689.9	2747.0	2854.3	2988.4	3548.5	4997.5	9357.7	19647.9	23877.3	25282.6
42.5°	2539.0	2642.9	2716.8	2793.9	2904.6	3377.5	4756.0	9257.1	20348.8	24953.9	26265.3
45°	2478.6	2609.5	2703.3	2763.7	2861.0	3233.3	4571.5	9176.6	21147.0	25909.8	27258.1
47.5°	2428.3	2572.5	2689.9	2760.3	2797.3	3132.6	4423.9	9287.2	22106.4	26909.3	28180.5
50°	2431.7	2569.2	2716.8	2827.4	2730.1	3048.8	4333.4	9726.7	23354.0	28096.5	28908.3
52.5°	2539.0	2706.7	2824.1	2850.9	2636.3	2948.2	4286.4	10494.8	24829.8	29146.4	29642.8
55°	2659.7	2834.2	2961.6	2944.8	2585.9	2820.7	4276.4	11313.1	26446.4	30370.6	30598.7
57.5°	2616.1	2871.0	3065.5	2978.4	2589.3	2696.7	4232.8	11973.8	27798.1	31286.3	31544.5
58°	2602.7	2857.6	3079.0	2971.7	2579.3	2659.7	4222.7	12030.8	27985.9	31350.0	31678.7
60°	2472.0	2740.2	3068.9	2921.4	2522.2	2559.1	4112.0	12215.4	27935.6	31021.3	31759.2
62.5°	2233.8	2455.1	2837.5	2676.5	2347.8	2424.9	3863.8	11987.3	26573.8	29438.2	30582.0
65°	1965.4	2129.8	2384.7	2354.5	2099.6	2287.4	3525.1	11085.1	23847.1	26869.0	28073.1
67.5°	1764.2	1898.4	2059.4	2015.8	1888.3	2103.0	3159.5	9559.0	20788.2	23783.3	25299.4
70°	1559.6	1663.6	1744.1	1713.9	1673.7	1921.9	2834.2	7757.8	17856.8	20851.9	22321.0
72.5°	1351.7	1449.0	1516.0	1472.4	1449.0	1730.7	2569.2	6020.5	14103.7	17202.7	19091.0
75°	1130.3	1227.6	1274.5	1224.2	1210.8	1526.1	2176.8	4497.8	10581.9	13261.8	14891.8
77.5°	875.4	979.3	1039.7	1023.0	1029.7	1254.4	1757.5	3079.0	7566.6	9039.1	10756.3
80°	613.8	727.8	768.1	751.3	798.3	955.9	1241.0	1955.4	5218.8	5866.1	7077.0
82.5°	379.0	486.4	493.1	509.8	543.4	707.7	935.8	1190.7	3276.9	3387.5	4266.3
85°	191.2	231.4	248.2	275.0	305.2	432.7	533.3	737.9	2109.6	1596.5	2384.7
87.5°	63.7	67.1	80.5	100.6	124.1	177.8	228.1	301.8	523.2	288.5	737.9
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°	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6	12758.6
2.5°	14284.7	14569.8	14777.8	14969.0	14784.5	14767.7	14586.6	14294.8	14174.0	14174.0
5°	15126.6	15794.1	16334.1	16679.6	16532.0	16176.4	15589.4	14841.5	14439.0	14368.6
7.5°	15358.0	16676.2	17679.0	18034.6	17786.3	17001.5	15877.9	14616.8	14039.9	13912.5
10°	15217.1	16931.1	18403.5	18967.0	18621.5	17434.2	15901.4	14355.2	13644.1	13496.5
12.5°	15069.6	16964.7	18537.7	19352.7	19128.0	17783.0	16072.4	14184.1	13362.4	13151.1
15°	15176.9	16978.0	18373.3	19215.2	19359.4	18202.3	16354.2	14308.3	13305.4	13080.7
17.5°	15854.4	17232.9	18138.5	18819.4	19325.8	18772.5	17155.8	14901.9	13815.2	13536.8
20°	17269.9	17843.3	18272.7	18799.3	19614.3	19936.2	18795.9	16532.0	15247.3	15002.5
22.5°	21368.5	21264.4	20385.7	20375.7	21556.3	22847.5	22770.4	19845.7	17913.8	17712.6
25°	22904.6	22421.6	21150.4	20841.8	21361.7	23354.0	23065.6	20523.3	18738.9	18249.2
27.5°	22304.2	21106.8	20271.6	20201.2	20030.2	21911.8	22606.1	20798.3	19027.4	18551.0
30°	22267.3	20506.4	19312.4	19453.3	19617.7	21415.4	22861.0	21660.2	19765.2	19255.4
32.5°	22357.9	20590.3	19382.9	19409.7	19899.4	21489.1	23142.7	22599.4	20734.5	20224.7
35°	22723.5	21066.5	19832.3	19768.5	20533.3	21972.1	23622.3	24075.1	22059.3	21479.1
37.5°	23313.8	22015.8	20654.0	20637.3	21747.4	22844.2	24219.4	25564.3	23377.5	22753.7
40°	24182.5	23125.9	22116.4	22025.8	23397.6	24262.9	24994.1	27150.8	24910.3	24108.7
42.5°	25232.3	24457.5	24044.9	24403.8	25722.0	25856.1	26201.6	28616.5	26215.0	25282.6
45°	26204.9	26168.1	26741.5	27694.1	28462.2	27657.2	27462.7	29599.2	27227.9	26215.0
47.5°	27362.0	28361.5	30092.2	31487.5	32292.5	29753.5	28539.3	30239.8	27965.8	27033.4
50°	28536.0	30987.7	33751.4	35696.7	35867.8	32030.8	29280.6	30843.5	28636.6	27667.3
52.5°	29770.2	33084.0	36763.4	39024.0	38691.9	34013.1	29998.3	31252.7	29327.5	28475.6
55°	30843.5	34368.6	38447.1	40617.1	40130.8	35220.5	30773.1	31695.4	30313.6	29595.8
57.5°	31443.9	34476.0	38027.8	39922.9	39396.3	34985.8	31128.6	32024.1	30944.2	30380.7
58°	31531.1	34331.7	37655.5	39520.4	38983.7	34787.9	31125.2	32010.7	30984.4	30417.5
60°	31454.0	33395.9	36270.3	37930.5	37367.1	33546.9	30997.8	31759.2	30474.6	29994.9
62.5°	30739.6	31772.6	33878.9	35086.4	34925.4	31608.2	30474.6	30810.0	28921.7	28458.9
65°	29800.4	29559.0	30816.7	31672.0	31792.7	30156.0	29954.7	28757.3	26929.4	26275.4
67.5°	28660.1	27050.2	27046.8	27533.1	27734.3	27922.2	28871.4	26526.9	24058.3	23367.4
70°	26724.8	23182.9	22116.4	22689.9	22522.2	24108.7	26936.1	23394.3	20597.0	19788.7
72.5°	23176.3	18396.8	16689.6	17427.5	17004.9	18906.6	23568.7	19252.1	17031.7	16038.9
75°	18785.8	13761.5	12000.6	12678.2	12416.6	14341.7	19610.9	13982.9	12215.4	11836.3
77.5°	14586.6	9971.5	8948.5	8854.6	9049.2	10672.5	14385.4	9441.6	8053.0	7794.7
80°	9371.1	7137.3	7197.7	7077.0	7177.6	6728.2	8733.9	6023.8	5453.6	5245.7
82.5°	6168.1	4974.0	5929.9	5473.7	5198.7	4524.6	5728.6	3944.3	3347.3	3233.3
85°	4202.6	3662.6	3333.9	2549.1	3001.9	3484.9	4296.5	2123.1	1683.7	1526.1
87.5°	1898.4	1274.5	935.8	576.9	912.3	1053.2	2086.2	248.2	191.2	197.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)