

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: P647671

Luminaire Tested: **GALN-SA9D-835-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P647671
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-SA9D-835-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 80 CRI, 3500K, 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: 47333.1 lumens
Efficiency: N/A
Efficacy: 85.7 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

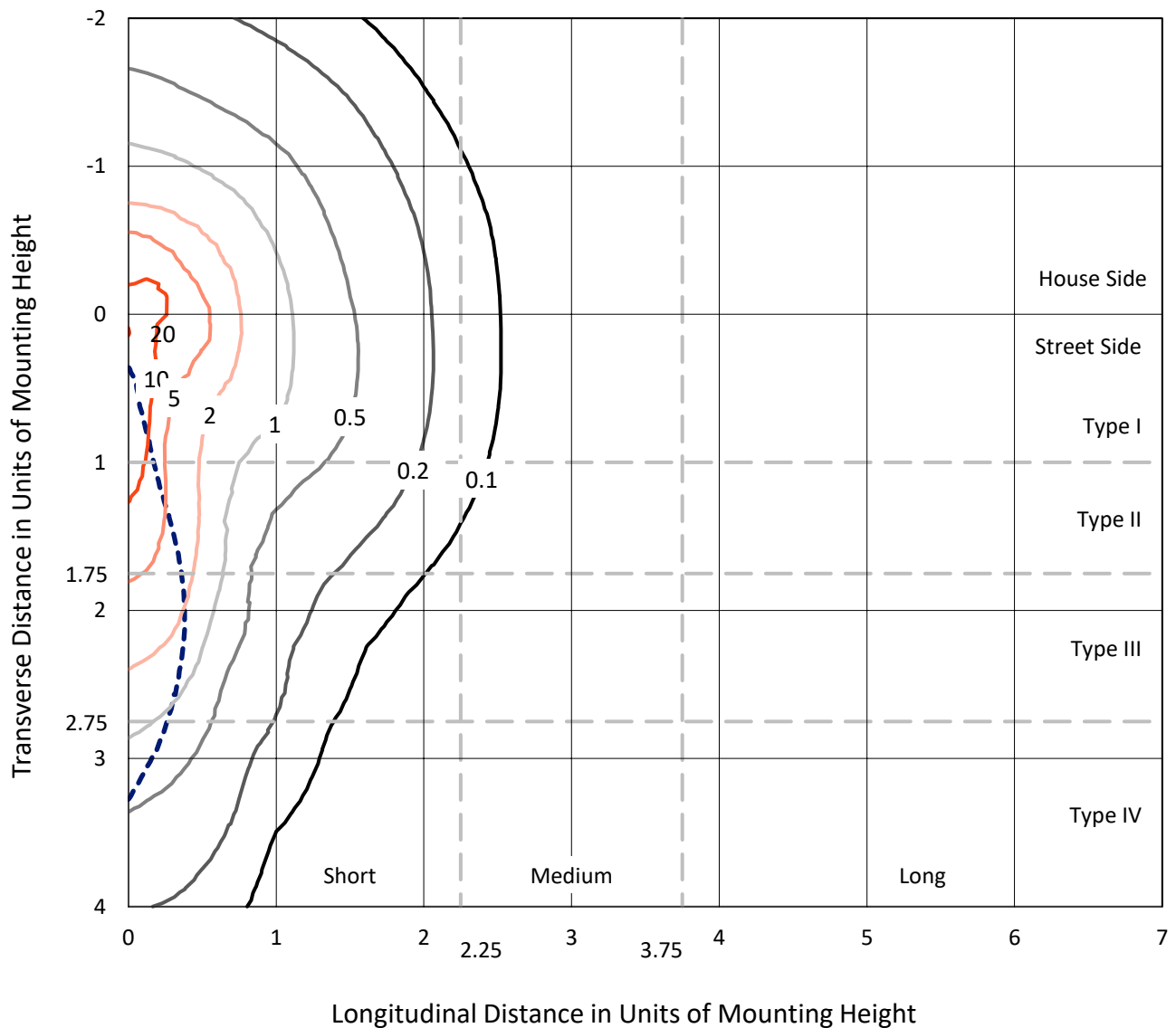
Input Watts (W): 552
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

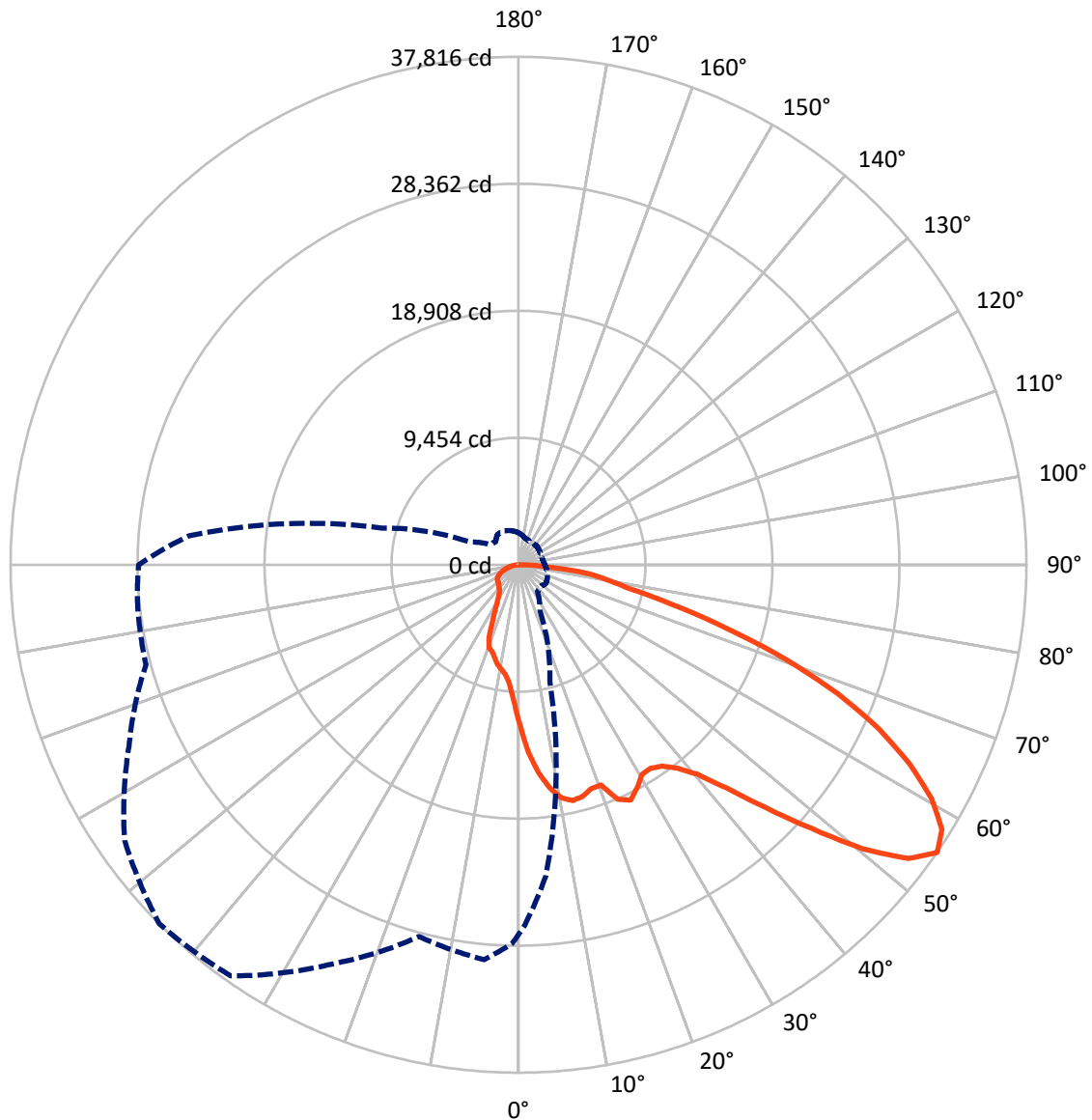
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 20.3 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	10353.9	0.0	10353.9
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	36979.2	0.0	36979.2
	% Fixture	78.1	0.0	78.1
Total	Lumens	47333.1	0.0	47333.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1006.8	2.1
10°-20°	2671.0	5.6
20°-30°	4614.2	9.7
30°-40°	5362.4	11.3
40°-50°	7481.7	15.8
50°-60°	10151.8	21.4
60°-70°	9658.3	20.4
70°-80°	5217.7	11.0
80°-90°	1169.4	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°	47333.1	100.0
0°-180°	47333.1	100.0

Coefficient of Utilization

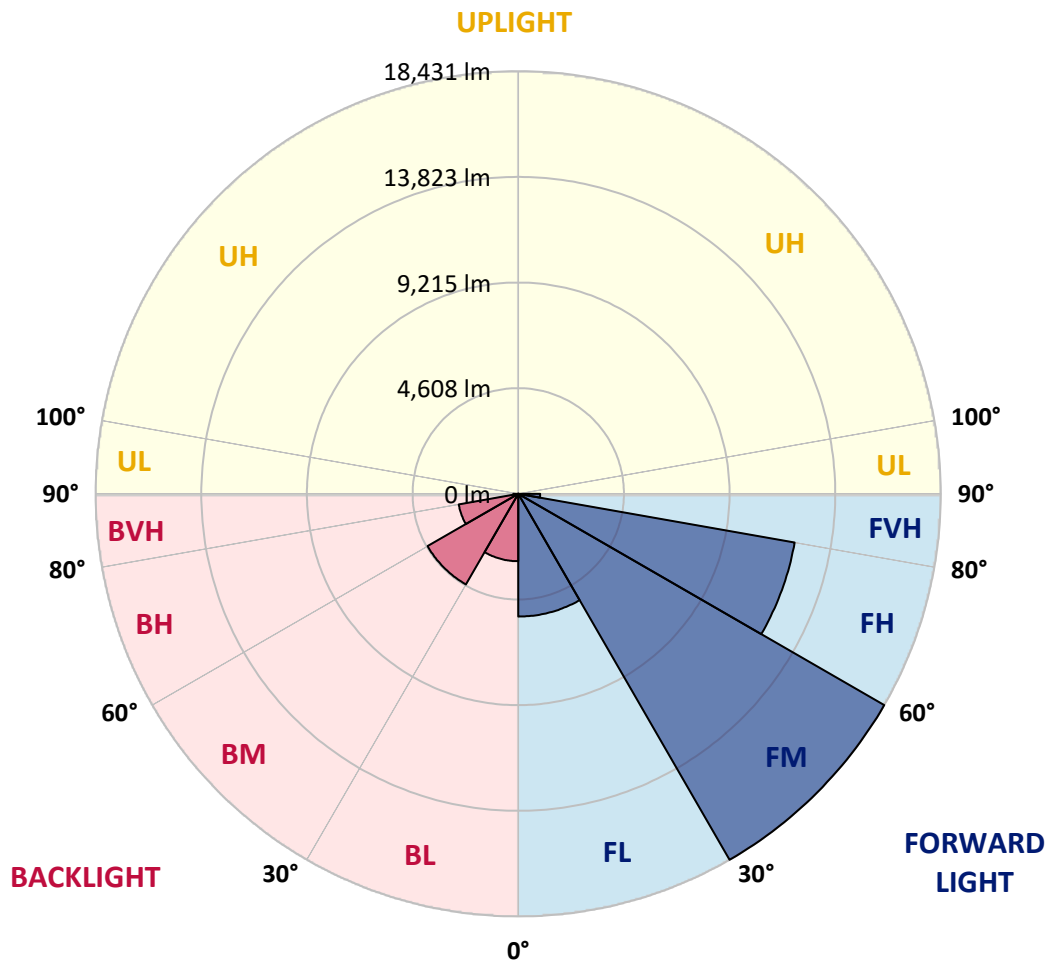


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5353.5	11.3			
FM (30°-60°)	18430.5	38.9			
FH (60°-80°)	12239.6	25.9			G5
FVH (80°-90°)	955.7	2.0			G5
BL (0°-30°)	2938.5	6.2	B4/5000		
BM (30°-60°)	4565.4	9.6	B3/5000		
BH (60°-80°)	2636.3	5.6	B4/5000		G4/5000
BVH (80°-90°)	213.7	0.5			G2/225
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°	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7
2.5°	13196.5	13146.6	13006.1	12637.6	12266.0	11888.1	11597.7	11235.5	10857.6	10654.7	10395.5
5°	13377.6	13321.5	12990.4	12159.8	11407.2	10617.2	9986.4	9433.7	9208.9	8877.8	8612.5
7.5°	12953.0	12928.0	12431.5	11238.6	10208.1	9174.5	8459.4	8016.0	7613.2	7463.2	7494.5
10°	12565.7	12465.8	11844.4	10286.2	9084.0	8244.0	7731.8	7297.8	7013.6	6938.6	6954.3
12.5°	12244.2	12109.9	11376.1	9646.0	8593.7	7922.3	7269.7	6816.9	6557.7	6629.5	6873.1
15°	12178.5	11997.4	11179.3	9427.5	8325.1	7460.1	6745.1	6223.5	6030.0	6186.1	6576.4
17.5°	12603.2	12375.3	11516.5	9499.3	8069.0	6988.6	6111.2	5514.7	5352.4	5602.1	6111.2
20°	13967.9	13630.6	12568.9	9914.6	8044.1	6754.4	5742.7	5143.1	5211.8	5686.5	6217.3
22.5°	16491.0	15985.1	14411.3	10520.4	8175.2	6695.0	5667.7	5355.4	5733.3	6136.1	6485.8
25°	16990.6	16594.0	14742.3	10657.8	8147.1	6654.5	5880.0	6036.2	6457.7	6657.6	6535.9
27.5°	17271.6	16818.9	14720.4	9977.1	7285.3	6036.2	5620.8	5880.0	5986.2	5792.6	5461.6
30°	17927.4	17455.9	15092.0	9262.0	5998.7	4478.0	3925.3	3819.1	3890.9	3928.4	3809.7
32.5°	18829.9	18364.6	15791.5	8793.6	5186.8	3703.5	3160.2	3010.3	2975.9	2935.3	2888.5
35°	19997.8	19282.7	16478.5	8493.7	4852.7	3425.6	2926.0	2810.4	2763.6	2707.4	2657.4
37.5°	21184.5	20435.0	17346.7	8178.4	4631.0	3232.0	2769.9	2716.8	2635.6	2576.2	2504.4
40°	22446.0	21606.0	18136.6	7903.6	4415.5	3107.1	2657.4	2651.2	2545.0	2476.3	2392.0
42.5°	23538.9	22674.0	18842.4	7734.9	4250.0	2975.9	2588.8	2607.5	2498.2	2395.1	2285.8
45°	24407.0	23557.7	19495.1	7734.9	4115.8	2844.8	2576.2	2563.8	2454.5	2326.4	2201.5
47.5°	25169.0	24291.5	20132.1	7931.6	4031.4	2735.5	2507.6	2529.4	2417.0	2254.6	2132.8
50°	25759.2	24984.7	20990.8	8237.7	3947.1	2648.0	2420.1	2538.7	2385.7	2217.1	2076.6
52.5°	26511.8	25818.5	22024.5	8656.1	3875.3	2551.2	2342.0	2538.7	2382.6	2220.3	2067.2
55°	27554.7	26824.0	23270.4	9002.8	3759.7	2460.7	2273.4	2466.9	2373.3	2204.6	2042.2
57.5°	28285.5	27738.9	24151.0	9233.8	3594.2	2345.2	2210.9	2398.3	2332.6	2145.3	1967.3
58°	28319.8	27785.9	24279.0	9286.9	3553.6	2323.3	2195.3	2367.0	2313.9	2120.3	1942.3
60°	27926.3	27467.3	24304.0	9212.0	3322.6	2214.0	2114.1	2239.0	2214.0	1973.6	1808.0
62.5°	26496.2	26005.9	23295.3	8603.1	3016.5	2079.7	1989.1	2067.2	2011.1	1767.5	1614.5
65°	24463.3	23560.8	21221.9	7647.5	2798.0	1936.0	1820.6	1826.8	1767.5	1592.5	1458.3
67.5°	21755.9	20747.2	17968.0	6445.3	2632.4	1776.8	1620.7	1605.1	1533.3	1420.8	1311.5
70°	18424.0	17733.9	14601.8	5243.0	2448.2	1601.9	1395.9	1386.5	1342.8	1258.4	1161.7
72.5°	14932.7	14055.3	11791.4	4196.9	2223.3	1433.4	1186.6	1205.4	1149.1	1089.9	1002.4
75°	11020.0	10445.5	9115.1	3366.3	1920.5	1249.1	989.9	996.1	971.2	908.7	840.0
77.5°	7257.2	7085.4	6520.2	2210.9	1477.1	993.0	808.8	815.0	796.3	740.1	668.3
80°	4883.9	4768.4	4418.6	1424.0	986.7	718.2	624.5	630.8	627.7	568.3	471.5
82.5°	3010.3	2960.3	2847.9	961.8	683.9	515.2	412.2	431.0	465.3	399.7	321.7
85°	1420.8	1424.0	1720.6	524.6	402.9	331.0	224.8	240.5	240.5	240.5	181.1
87.5°	184.2	193.6	237.3	221.7	146.7	124.9	81.2	68.7	59.4	78.1	56.2
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°	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7
2.5°	10304.9	10242.5	10108.2	10077.0	10058.3	10111.3	9970.8	10008.3	9945.8	10120.7	10092.6
5°	8628.0	8634.3	8743.6	8815.4	8840.4	8815.4	8721.7	8559.4	8434.4	8384.4	8397.0
7.5°	7435.1	7544.4	7731.8	7941.0	8131.5	8187.8	8134.7	7825.5	7488.2	7275.9	7207.2
10°	7038.5	7185.4	7400.8	7566.3	7734.9	7869.2	7897.3	7656.9	7257.2	6754.4	6557.7
12.5°	7060.5	7260.3	7466.4	7519.5	7503.9	7557.0	7532.0	7491.4	7229.0	6588.9	6261.0
15°	6854.3	7091.6	7235.3	7207.2	7157.2	7110.4	7044.8	6941.8	6848.1	6398.4	6036.2
17.5°	6379.6	6623.2	6741.9	6751.3	6751.3	6738.8	6579.5	6542.0	6529.6	6311.0	6089.2
20°	6467.1	6601.4	6548.3	6460.8	6485.8	6570.2	6476.5	6457.7	6529.6	6626.4	6585.8
22.5°	6517.1	6470.2	6070.5	5683.3	5595.9	5858.2	5911.3	6120.5	6410.9	6760.7	6988.6
25°	6207.9	5830.1	5115.0	4677.8	4431.2	4674.7	4993.2	5380.4	5814.5	6264.2	6529.6
27.5°	5190.0	4902.7	4390.5	3997.1	3781.6	3819.1	4090.7	4443.6	4846.5	5149.3	5343.0
30°	3909.6	3781.6	3516.1	3381.9	3250.7	3219.5	3335.0	3469.3	3647.3	3684.8	3734.8
32.5°	2879.2	2860.4	2876.0	2832.3	2807.3	2804.2	2769.9	2801.1	2819.8	2841.7	2798.0
35°	2604.3	2579.4	2535.7	2523.1	2507.6	2513.7	2498.2	2482.6	2495.0	2513.7	2526.3
37.5°	2463.8	2426.4	2363.9	2342.0	2342.0	2351.4	2326.4	2320.2	2342.0	2401.4	2432.6
40°	2354.5	2310.8	2239.0	2210.9	2229.6	2254.6	2220.3	2207.7	2260.8	2323.3	2373.3
42.5°	2251.4	2217.1	2148.4	2117.2	2132.8	2179.6	2129.7	2120.3	2189.0	2257.7	2317.1
45°	2164.1	2129.7	2067.2	2051.6	2057.9	2101.6	2067.2	2067.2	2132.8	2207.7	2260.8
47.5°	2095.3	2051.6	2011.1	1998.5	2004.8	2029.8	2023.5	2023.5	2086.0	2164.1	2217.1
50°	2026.6	1989.1	1936.0	1942.3	1958.0	1992.3	1989.1	1998.5	2061.0	2157.8	2214.0
52.5°	1995.4	1939.2	1879.9	1886.1	1933.0	1973.6	1961.0	1970.4	2042.2	2223.3	2304.5
55°	1961.0	1886.1	1817.4	1826.8	1879.9	1939.2	1923.6	1936.0	2020.4	2267.1	2379.5
57.5°	1895.5	1808.0	1733.1	1739.4	1817.4	1879.9	1854.8	1870.5	1970.4	2220.3	2338.9
58°	1867.4	1792.4	1720.6	1723.7	1798.7	1867.4	1839.3	1851.8	1954.8	2207.7	2320.2
60°	1748.8	1705.0	1642.6	1645.6	1717.5	1776.8	1761.2	1773.7	1873.6	2117.2	2201.5
62.5°	1586.4	1561.4	1545.7	1545.7	1589.5	1645.6	1661.3	1676.9	1767.5	1914.2	1989.1
65°	1411.4	1411.4	1414.6	1414.6	1442.7	1514.5	1523.9	1564.5	1648.8	1720.6	1776.8
67.5°	1292.8	1286.5	1292.8	1277.2	1289.7	1333.4	1380.3	1417.7	1505.2	1555.1	1573.8
70°	1139.8	1136.7	1139.8	1117.9	1133.5	1171.0	1202.2	1264.7	1355.2	1392.7	1402.1
72.5°	989.9	989.9	996.1	980.6	980.6	1021.1	1043.0	1111.7	1196.0	1217.9	1221.0
75°	833.7	843.1	843.1	821.3	827.6	852.5	880.6	936.8	1014.8	1030.5	1030.5
77.5°	662.0	696.4	696.4	674.5	683.9	687.0	724.4	752.5	811.9	818.2	793.2
80°	480.9	515.2	543.3	524.6	540.2	521.5	543.3	562.1	621.4	593.3	552.7
82.5°	343.5	368.5	390.3	393.5	377.9	343.5	371.6	374.7	402.9	365.3	343.5
85°	190.5	212.3	240.5	227.9	203.0	181.1	190.5	196.8	193.6	184.2	171.7
87.5°	50.0	53.1	59.4	43.7	40.6	34.4	46.8	46.8	53.1	56.2	53.1
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°	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7
2.5°	10114.4	10251.8	10548.5	10773.3	11048.1	11382.2	11775.7	12172.3	12600.1	12734.4	12921.8
5°	8368.9	8712.4	8856.0	9265.1	9671.0	10279.9	10929.4	11682.0	12506.5	12903.0	13284.0
7.5°	7151.0	7335.2	7485.1	7784.9	8272.1	9012.1	9827.1	10767.1	11935.0	12512.7	13071.6
10°	6495.2	6513.9	6698.2	7069.8	7494.5	8147.1	8918.4	9970.8	11272.9	11975.6	12631.4
12.5°	6061.2	5980.0	6179.8	6567.0	7047.9	7650.6	8359.5	9361.9	10795.2	11516.5	12309.7
15°	5680.2	5552.2	5702.0	6098.6	6573.3	7282.1	8044.1	9105.8	10607.8	11447.9	12328.4
17.5°	5689.6	5336.7	5389.8	5723.9	6195.4	6916.8	7841.1	9096.4	10892.0	11860.0	12903.0
20°	6392.2	5826.9	5586.5	5649.0	6104.9	6891.8	7934.8	9533.7	11825.6	13237.2	14351.9
22.5°	7082.3	6741.9	6354.7	6226.7	6476.5	7300.8	8531.3	10567.2	13855.4	15982.0	17996.2
25°	6841.9	7132.3	7035.5	6854.3	6910.5	7594.4	8937.2	11416.6	15432.4	17827.5	19719.9
27.5°	5474.1	6001.9	6108.0	6104.9	6126.7	6688.9	8037.8	10845.2	15629.1	18180.4	19988.4
30°	3847.2	3894.0	3950.2	4059.5	4159.5	4662.2	6289.1	9521.1	15541.7	18339.7	20150.8
32.5°	2776.0	2838.5	2916.6	3066.5	3303.8	3944.0	5502.2	9099.6	16003.9	18998.6	20625.5
35°	2538.7	2610.6	2685.5	2857.2	3082.1	3675.4	5190.0	8924.7	16762.7	20066.5	21477.9
37.5°	2463.8	2545.0	2610.6	2735.5	2916.6	3481.8	4905.7	8806.0	17540.2	21196.9	22620.9
40°	2410.7	2504.4	2557.5	2657.4	2782.3	3303.8	4652.8	8712.4	18292.8	22230.5	23538.9
42.5°	2363.9	2460.7	2529.4	2601.2	2704.2	3144.5	4428.0	8618.6	18945.5	23232.9	24453.9
45°	2307.7	2429.5	2516.9	2573.1	2663.7	3010.3	4256.2	8543.7	19688.6	24122.9	25378.2
47.5°	2260.8	2395.1	2504.4	2570.0	2604.3	2916.6	4118.8	8646.7	20581.8	25053.5	26237.0
50°	2264.0	2392.0	2529.4	2632.4	2541.9	2838.5	4034.6	9055.9	21743.4	26158.9	26914.6
52.5°	2363.9	2520.0	2629.3	2654.3	2454.5	2744.9	3990.8	9771.0	23117.4	27136.3	27598.5
55°	2476.3	2638.7	2757.3	2741.8	2407.6	2626.2	3981.5	10532.9	24622.5	28276.1	28488.4
57.5°	2435.7	2673.0	2854.1	2773.0	2410.7	2510.7	3940.8	11148.0	25881.0	29128.6	29369.0
58°	2423.2	2660.6	2866.6	2766.7	2401.4	2476.3	3931.5	11201.1	26055.8	29187.9	29494.0
60°	2301.5	2551.2	2857.2	2719.9	2348.3	2382.6	3828.4	11372.9	26009.0	28881.9	29568.9
62.5°	2079.7	2285.8	2641.8	2491.9	2185.9	2257.7	3597.3	11160.6	24741.2	27408.0	28472.9
65°	1829.9	1982.9	2220.3	2192.2	1954.8	2129.7	3281.9	10320.6	22202.4	25016.0	26137.0
67.5°	1642.6	1767.5	1917.3	1876.8	1758.1	1958.0	2941.6	8899.7	19354.5	22143.1	23554.6
70°	1452.1	1548.9	1623.8	1595.7	1558.2	1789.3	2638.7	7222.8	16625.3	19413.9	20781.6
72.5°	1258.4	1349.0	1411.4	1370.9	1349.0	1611.3	2392.0	5605.3	13131.0	16016.3	17774.4
75°	1052.4	1142.9	1186.6	1139.8	1127.3	1420.8	2026.6	4187.6	9852.1	12347.2	13864.8
77.5°	815.0	911.8	968.0	952.4	958.7	1167.9	1636.3	2866.6	7044.8	8415.7	10014.5
80°	571.4	677.6	715.1	699.5	743.2	890.0	1155.4	1820.6	4858.9	5461.6	6588.9
82.5°	352.9	452.8	459.1	474.7	505.9	658.9	871.2	1108.6	3050.9	3153.9	3972.1
85°	178.0	215.5	231.1	256.0	284.2	402.9	496.5	687.0	1964.2	1486.4	2220.3
87.5°	59.4	62.5	74.9	93.6	115.6	165.5	212.3	281.0	487.1	268.6	687.0
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7	11878.7
2.5°	13299.6	13565.0	13758.6	13936.6	13764.9	13749.2	13580.7	13309.0	13196.5	13196.5
5°	14083.4	14704.8	15207.6	15529.2	15391.8	15060.8	14514.3	13818.0	13443.2	13377.6
7.5°	14298.8	15526.1	16459.8	16790.8	16559.7	15829.0	14782.9	13608.8	13071.6	12953.0
10°	14167.7	15763.4	17134.3	17658.9	17337.3	16231.8	14804.7	13365.2	12703.2	12565.7
12.5°	14030.3	15794.7	17259.2	18018.0	17808.8	16556.6	14964.0	13205.9	12440.9	12244.2
15°	14130.3	15807.1	17106.2	17890.0	18024.3	16946.9	15226.3	13321.5	12387.8	12178.5
17.5°	14761.0	16044.5	16887.6	17521.5	17993.0	17477.8	15972.7	13874.2	12862.4	12603.2
20°	16078.8	16612.8	17012.5	17502.8	18261.6	18561.3	17499.7	15391.8	14195.8	13967.9
22.5°	19894.8	19797.9	18979.8	18970.4	20069.6	21271.8	21200.0	18477.1	16678.4	16491.0
25°	21324.9	20875.2	19691.7	19404.5	19888.5	21743.4	21474.9	19107.9	17446.6	16990.6
27.5°	20766.0	19651.2	18873.6	18808.1	18648.8	20400.6	21047.0	19363.9	17715.1	17271.6
30°	20731.6	19092.2	17980.5	18111.7	18264.7	19938.5	21284.4	20166.4	18402.1	17927.4
32.5°	20816.0	19170.3	18046.1	18071.1	18527.0	20007.1	21546.7	21040.8	19304.6	18829.9
35°	21156.3	19613.7	18464.5	18405.2	19117.2	20456.8	21993.2	22414.8	20538.0	19997.8
37.5°	21705.9	20497.5	19229.6	19214.0	20247.6	21268.7	22549.1	23801.2	21765.3	21184.5
40°	22514.7	21531.0	20591.1	20506.8	21784.0	22589.6	23270.4	25278.3	23192.3	22446.0
42.5°	23492.1	22770.7	22386.7	22720.8	23948.1	24072.9	24394.6	26642.9	24407.0	23538.9
45°	24397.7	24363.4	24897.3	25784.2	26499.3	25749.8	25568.7	27557.8	25350.1	24407.0
47.5°	25475.0	26405.6	28016.9	29315.9	30065.4	27701.5	26571.1	28154.3	26037.1	25169.0
50°	26568.0	28850.7	31423.7	33234.9	33394.2	29821.8	27261.2	28716.4	26661.6	25759.2
52.5°	27717.1	30802.4	34228.0	36332.7	36023.5	31667.3	27929.5	29097.4	27304.9	26511.8
55°	28716.4	31998.3	35795.5	37815.9	37363.2	32791.5	28650.8	29509.5	28223.0	27554.7
57.5°	29275.4	32098.3	35405.2	37169.6	36679.3	32573.0	28981.8	29815.5	28810.1	28285.5
58°	29356.5	31964.0	35058.6	36794.8	36295.2	32388.7	28978.7	29803.1	28847.5	28319.8
60°	29284.7	31092.8	33768.9	35314.6	34790.0	31233.3	28860.0	29568.9	28372.9	27926.3
62.5°	28619.6	29581.3	31542.5	32666.6	32516.7	29428.4	28372.9	28685.1	26927.1	26496.2
65°	27745.2	27520.4	28691.4	29487.7	29600.1	28076.3	27888.9	26774.1	25072.2	24463.3
67.5°	26683.5	25184.6	25181.5	25634.2	25821.6	25996.5	26880.2	24697.5	22399.1	21755.9
70°	24881.7	21584.1	20591.1	21125.1	20969.0	22446.0	25078.5	21780.9	19176.5	18424.0
72.5°	21577.9	17128.0	15538.6	16225.6	15832.1	17602.7	21943.3	17924.4	15857.1	14932.7
75°	17490.3	12812.5	11173.0	11803.8	11560.3	13352.7	18258.5	13018.5	11372.9	11020.0
77.5°	13580.7	9283.8	8331.4	8244.0	8425.1	9936.4	13393.3	8790.4	7497.6	7257.2
80°	8724.8	6645.1	6701.3	6588.9	6682.6	6264.2	8131.5	5608.4	5077.5	4883.9
82.5°	5742.7	4631.0	5520.9	5096.2	4840.2	4212.5	5333.6	3672.3	3116.5	3010.3
85°	3912.7	3410.0	3104.0	2373.3	2794.8	3244.5	4000.2	1976.7	1567.6	1420.8
87.5°	1767.5	1186.6	871.2	537.1	849.4	980.6	1942.3	231.1	178.0	184.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)