

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: P459485

Luminaire Tested: **GALN-SA9B-735-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P459485
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-SA9B-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 3500K, 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: 41421 lumens
Efficiency: N/A
Efficacy: 113.8 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): 364
Input Voltage (V): NR
Input Current (A_{in}): 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

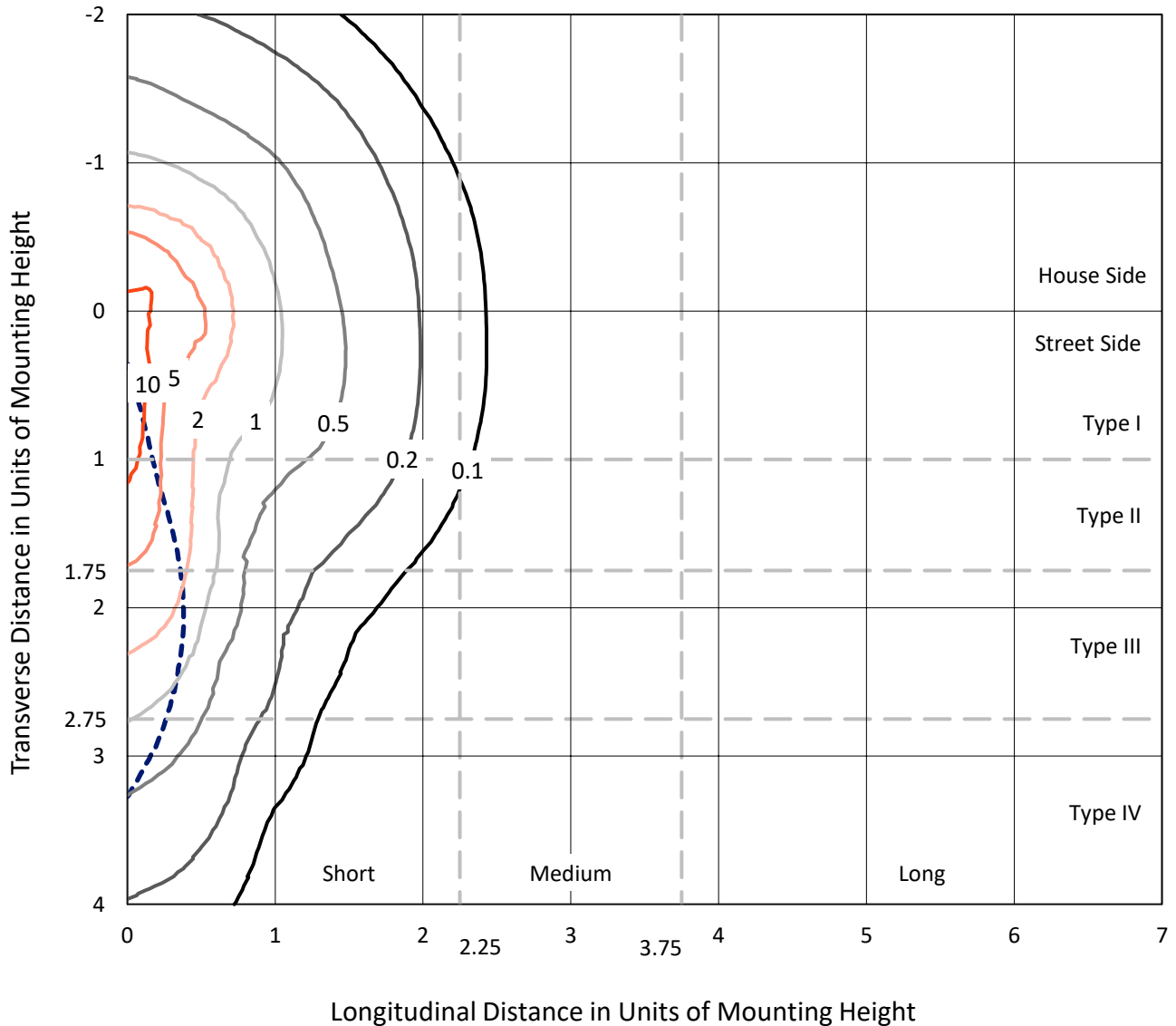




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Iso-Footcandle Lines of Horizontal Illumination

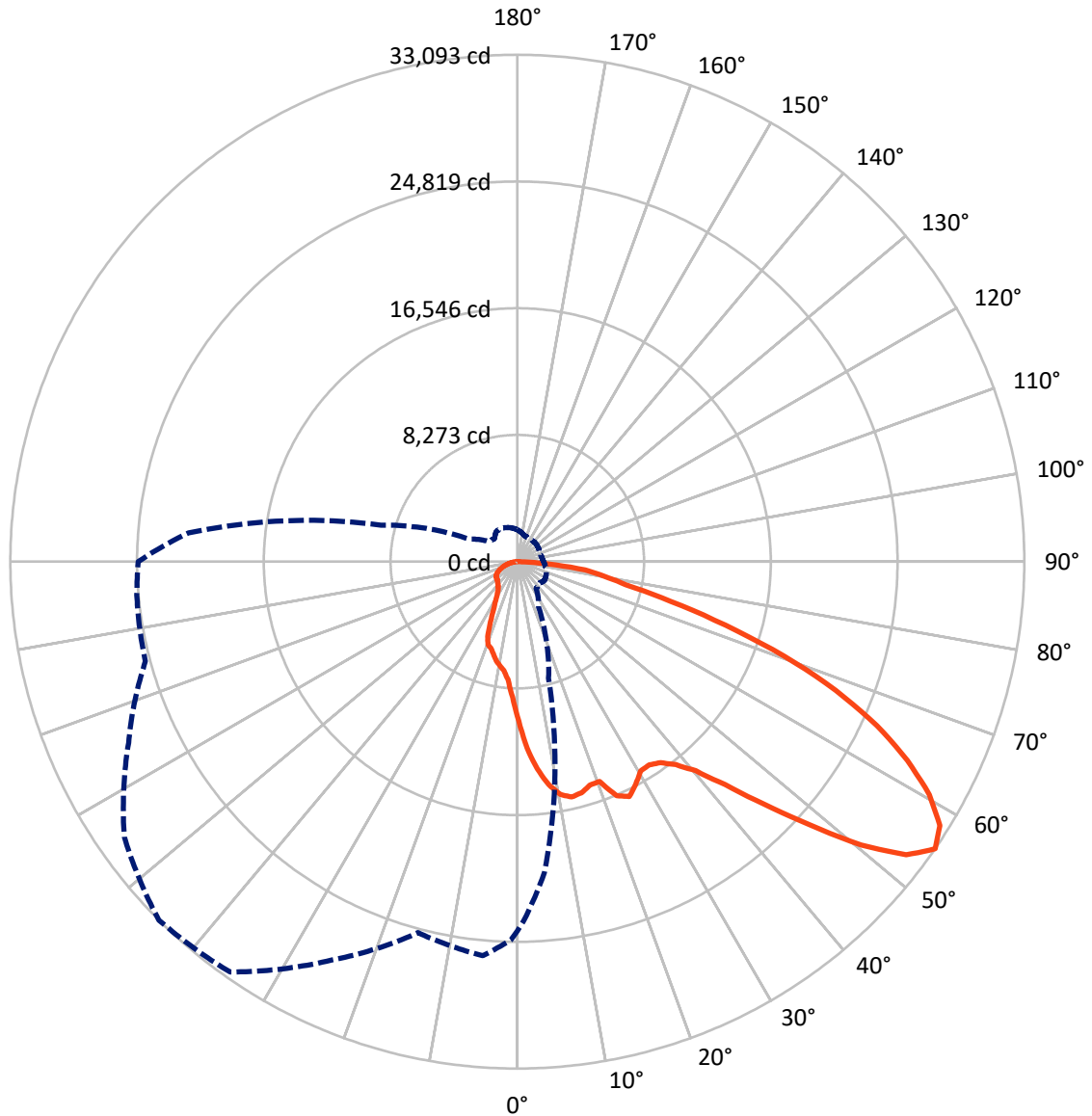
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17.8 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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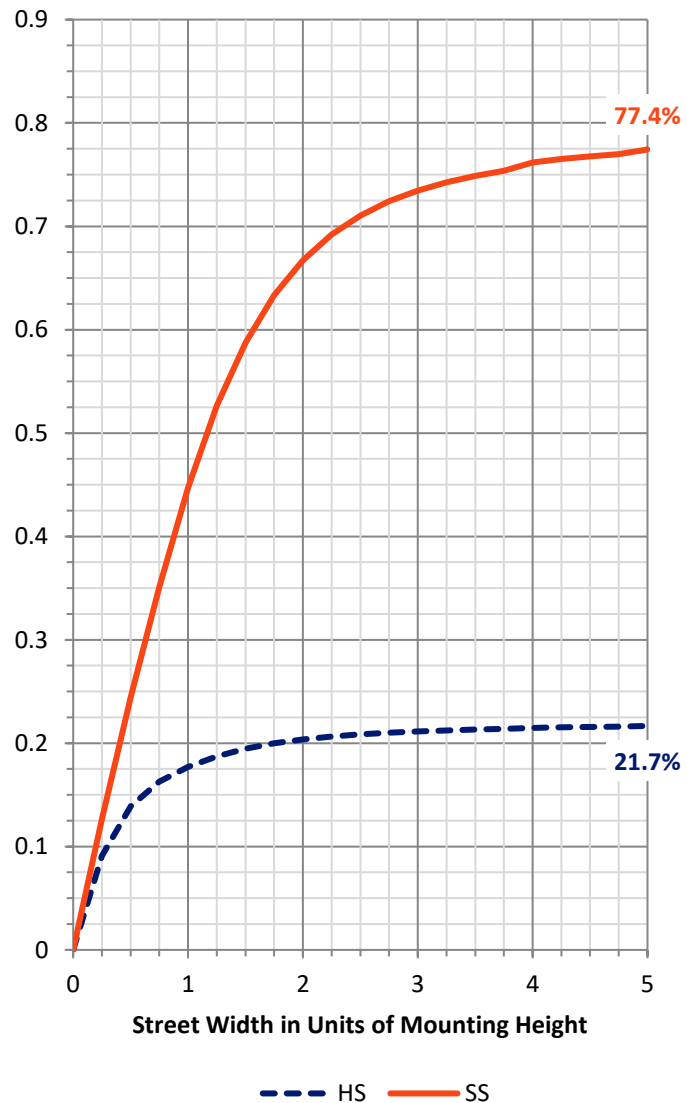
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9060.7	0.0	9060.7
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	32360.3	0.0	32360.3
	% Fixture	78.1	0.0	78.1
Total	Lumens	41421.0	0.0	41421.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	881.0	2.1
10°-20°	2337.3	5.6
20°-30°	4037.9	9.7
30°-40°	4692.6	11.3
40°-50°	6547.2	15.8
50°-60°	8883.8	21.4
60°-70°	8451.9	20.4
70°-80°	4565.9	11.0
80°-90°	1023.3	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°	41421.0	100.0
0°-180°	41421.0	100.0



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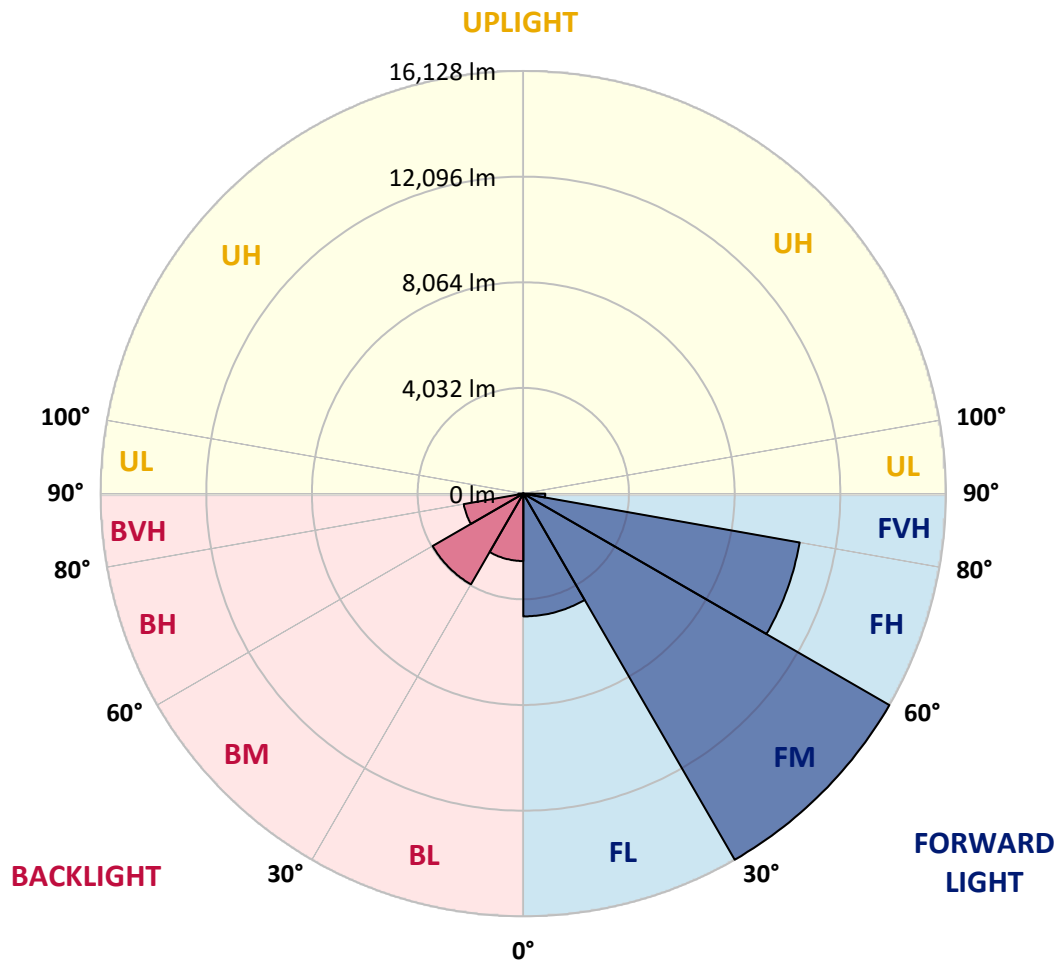
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4684.8	11.3			
FM	(30°-60°)	16128.5	38.9			
FH	(60°-80°)	10710.8	25.9			G4/12000
FVH	(80°-90°)	836.3	2.0			G5
BL	(0°-30°)	2571.4	6.2	B4/5000		
BM	(30°-60°)	3995.2	9.6	B3/5000		
BH	(60°-80°)	2307.1	5.6	B3/2500		G3/2500
BVH	(80°-90°)	187.0	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°	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1
2.5°	11548.2	11504.5	11381.5	11059.1	10733.9	10403.3	10149.1	9832.1	9501.5	9323.8	9097.0
5°	11706.7	11657.5	11367.9	10641.0	9982.4	9291.1	8739.1	8255.4	8058.6	7769.0	7536.7
7.5°	11335.1	11313.2	10878.7	9834.9	8933.1	8028.6	7402.8	7014.7	6662.2	6531.1	6558.4
10°	10996.2	10908.8	10365.0	9001.4	7949.3	7214.2	6766.1	6386.2	6137.6	6072.0	6085.6
12.5°	10714.8	10597.3	9955.1	8441.2	7520.3	6932.8	6361.6	5965.4	5738.6	5801.4	6014.6
15°	10657.4	10498.9	9782.9	8249.9	7285.3	6528.3	5902.6	5446.2	5276.8	5413.4	5755.0
17.5°	11029.0	10829.5	10078.1	8312.8	7061.2	6115.7	5347.8	4825.9	4683.8	4902.4	5347.8
20°	12223.2	11928.1	10999.0	8676.2	7039.3	5910.8	5025.4	4500.7	4560.8	4976.2	5440.7
22.5°	14431.2	13988.5	12611.2	9206.3	7154.1	5858.8	4959.8	4686.5	5017.2	5369.7	5675.7
25°	14868.4	14521.4	12900.9	9326.6	7129.5	5823.3	5145.6	5282.2	5651.1	5826.0	5719.5
27.5°	15114.4	14718.1	12881.8	8730.9	6375.3	5282.2	4918.8	5145.6	5238.5	5069.1	4779.4
30°	15688.2	15275.6	13207.0	8105.1	5249.4	3918.6	3435.0	3342.0	3404.9	3437.7	3333.8
32.5°	16478.0	16070.8	13819.1	7695.2	4539.0	3240.9	2765.5	2634.3	2604.2	2568.7	2527.7
35°	17500.0	16874.2	14420.3	7432.8	4246.6	2997.7	2560.5	2459.4	2418.4	2369.2	2325.5
37.5°	18538.4	17882.6	15179.9	7156.8	4052.5	2828.3	2423.9	2377.4	2306.4	2254.4	2191.6
40°	19642.4	18907.3	15871.3	6916.4	3864.0	2719.0	2325.5	2320.0	2227.1	2167.0	2093.2
42.5°	20598.8	19841.9	16488.9	6768.8	3719.2	2604.2	2265.4	2281.8	2186.1	2096.0	2000.3
45°	21358.5	20615.2	17060.0	6768.8	3601.7	2489.5	2254.4	2243.5	2147.9	2035.8	1926.5
47.5°	22025.3	21257.4	17617.5	6941.0	3527.9	2393.8	2194.3	2213.5	2115.1	1973.0	1866.4
50°	22541.7	21864.0	18369.0	7208.8	3454.1	2317.3	2117.8	2221.7	2087.8	1940.2	1817.2
52.5°	23200.3	22593.7	19273.5	7574.9	3391.2	2232.6	2049.5	2221.7	2085.0	1942.9	1809.0
55°	24113.0	23473.6	20363.8	7878.3	3290.1	2153.3	1989.4	2158.8	2076.8	1929.3	1787.2
57.5°	24752.5	24274.3	21134.4	8080.5	3145.3	2052.2	1934.7	2098.7	2041.3	1877.3	1721.6
58°	24782.5	24315.2	21246.5	8126.9	3109.8	2033.1	1921.1	2071.4	2024.9	1855.5	1699.7
60°	24438.2	24036.5	21268.3	8061.4	2907.6	1937.5	1850.0	1959.3	1937.5	1727.0	1582.2
62.5°	23186.7	22757.6	20385.7	7528.5	2639.8	1820.0	1740.7	1809.0	1759.8	1546.7	1412.8
65°	21407.7	20617.9	18571.2	6692.3	2448.5	1694.3	1593.1	1598.6	1546.7	1393.7	1276.2
67.5°	19038.5	18155.8	15723.7	5640.2	2303.6	1554.9	1418.3	1404.6	1341.7	1243.4	1147.7
70°	16122.7	15518.8	12777.9	4588.1	2142.4	1401.9	1221.5	1213.3	1175.0	1101.3	1016.6
72.5°	13067.6	12299.7	10318.5	3672.7	1945.7	1254.3	1038.4	1054.8	1005.6	953.7	877.2
75°	9643.6	9140.8	7976.6	2945.8	1680.6	1093.1	866.3	871.7	849.9	795.2	735.1
77.5°	6350.7	6200.4	5705.8	1934.7	1292.5	869.0	707.8	713.2	696.8	647.6	584.8
80°	4273.9	4172.8	3866.7	1246.1	863.5	628.5	546.5	552.0	549.3	497.3	412.6
82.5°	2634.3	2590.6	2492.2	841.7	598.5	450.9	360.7	377.1	407.2	349.8	281.5
85°	1243.4	1246.1	1505.7	459.1	352.5	289.7	196.8	210.4	210.4	210.4	158.5
87.5°	161.2	169.4	207.7	194.0	128.4	109.3	71.0	60.1	51.9	68.3	49.2
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°	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1
2.5°	9017.8	8963.1	8845.6	8818.3	8801.9	8848.4	8725.4	8758.2	8703.5	8856.6	8832.0
5°	7550.3	7555.8	7651.5	7714.3	7736.2	7714.3	7632.3	7490.2	7380.9	7337.2	7348.1
7.5°	6506.5	6602.1	6766.1	6949.2	7115.9	7165.0	7118.6	6848.1	6552.9	6367.1	6307.0
10°	6159.4	6287.9	6476.4	6621.2	6768.8	6886.3	6910.9	6700.5	6350.7	5910.8	5738.6
12.5°	6178.6	6353.4	6533.8	6580.3	6566.6	6613.0	6591.2	6555.7	6326.1	5765.9	5479.0
15°	5998.2	6205.9	6331.6	6307.0	6263.3	6222.3	6164.9	6074.7	5992.7	5599.2	5282.2
17.5°	5582.8	5796.0	5899.8	5908.0	5908.0	5897.1	5757.7	5724.9	5714.0	5522.7	5328.7
20°	5659.3	5776.9	5730.4	5653.9	5675.7	5749.5	5667.5	5651.1	5714.0	5798.7	5763.2
22.5°	5703.1	5662.1	5312.3	4973.4	4896.9	5126.5	5172.9	5356.0	5610.2	5916.2	6115.7
25°	5432.5	5101.9	4476.1	4093.5	3877.6	4090.8	4369.5	4708.4	5088.2	5481.7	5714.0
27.5°	4541.7	4290.3	3842.1	3497.8	3309.3	3342.0	3579.8	3888.6	4241.1	4506.2	4675.6
30°	3421.3	3309.3	3077.0	2959.5	2844.7	2817.4	2918.5	3036.0	3191.8	3224.5	3268.3
32.5°	2519.5	2503.1	2516.8	2478.5	2456.7	2453.9	2423.9	2451.2	2467.6	2486.7	2448.5
35°	2279.0	2257.2	2218.9	2208.0	2194.3	2199.8	2186.1	2172.5	2183.4	2199.8	2210.7
37.5°	2156.1	2123.3	2068.6	2049.5	2049.5	2057.7	2035.8	2030.4	2049.5	2101.4	2128.7
40°	2060.4	2022.2	1959.3	1934.7	1951.1	1973.0	1942.9	1932.0	1978.4	2033.1	2076.8
42.5°	1970.3	1940.2	1880.1	1852.7	1866.4	1907.4	1863.7	1855.5	1915.6	1975.7	2027.6
45°	1893.7	1863.7	1809.0	1795.4	1800.8	1839.1	1809.0	1809.0	1866.4	1932.0	1978.4
47.5°	1833.6	1795.4	1759.8	1748.9	1754.4	1776.2	1770.8	1770.8	1825.4	1893.7	1940.2
50°	1773.5	1740.7	1694.3	1699.7	1713.4	1743.4	1740.7	1748.9	1803.6	1888.3	1937.5
52.5°	1746.2	1697.0	1645.1	1650.5	1691.5	1727.0	1716.1	1724.3	1787.2	1945.7	2016.7
55°	1716.1	1650.5	1590.4	1598.6	1645.1	1697.0	1683.3	1694.3	1768.0	1983.9	2082.3
57.5°	1658.7	1582.2	1516.6	1522.1	1590.4	1645.1	1623.2	1636.9	1724.3	1942.9	2046.8
58°	1634.1	1568.5	1505.7	1508.4	1574.0	1634.1	1609.5	1620.5	1710.6	1932.0	2030.4
60°	1530.3	1492.0	1437.4	1440.1	1503.0	1554.9	1541.2	1552.2	1639.6	1852.7	1926.5
62.5°	1388.2	1366.3	1352.7	1352.7	1390.9	1440.1	1453.8	1467.4	1546.7	1675.1	1740.7
65°	1235.2	1235.2	1237.9	1237.9	1262.5	1325.3	1333.5	1369.1	1442.8	1505.7	1554.9
67.5°	1131.3	1125.9	1131.3	1117.7	1128.6	1166.8	1207.8	1240.6	1317.1	1360.9	1377.3
70°	997.4	994.7	997.4	978.3	992.0	1024.7	1052.1	1106.7	1186.0	1218.8	1227.0
72.5°	866.3	866.3	871.7	858.1	858.1	893.6	912.7	972.8	1046.6	1065.7	1068.5
75°	729.6	737.8	737.8	718.7	724.2	746.0	770.6	819.8	888.1	901.8	901.8
77.5°	579.3	609.4	609.4	590.3	598.5	601.2	634.0	658.6	710.5	716.0	694.1
80°	420.8	450.9	475.5	459.1	472.8	456.4	475.5	491.9	543.8	519.2	483.7
82.5°	300.6	322.5	341.6	344.3	330.7	300.6	325.2	327.9	352.5	319.7	300.6
85°	166.7	185.8	210.4	199.5	177.6	158.5	166.7	172.2	169.4	161.2	150.3
87.5°	43.7	46.5	51.9	38.3	35.5	30.1	41.0	41.0	46.5	49.2	46.5
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1
2.5°	8851.1	8971.3	9230.9	9427.7	9668.2	9960.6	10304.9	10651.9	11026.3	11143.8	11307.8
5°	7323.5	7624.1	7749.8	8107.8	8463.1	8995.9	9564.3	10222.9	10944.3	11291.4	11624.8
7.5°	6257.8	6419.0	6550.2	6812.5	7238.8	7886.5	8599.7	9422.2	10444.2	10949.8	11438.9
10°	5683.9	5700.3	5861.6	6186.8	6558.4	7129.5	7804.5	8725.4	9864.9	10479.8	11053.6
12.5°	5304.1	5233.1	5407.9	5746.8	6167.6	6695.0	7315.3	8192.5	9446.8	10078.1	10772.2
15°	4970.7	4858.7	4989.8	5336.9	5752.3	6372.6	7039.3	7968.4	9282.9	10017.9	10788.6
17.5°	4978.9	4670.1	4716.6	5009.0	5421.6	6052.9	6861.7	7960.2	9531.5	10378.7	11291.4
20°	5593.8	5099.2	4888.7	4943.4	5342.4	6031.0	6943.7	8342.8	10348.6	11583.8	12559.3
22.5°	6197.7	5899.8	5561.0	5448.9	5667.5	6389.0	7465.6	9247.3	12124.8	13985.8	15748.3
25°	5987.3	6241.4	6156.7	5998.2	6047.4	6645.8	7820.9	9990.6	13504.8	15600.8	17256.8
27.5°	4790.4	5252.2	5345.1	5342.4	5361.5	5853.4	7033.9	9490.5	13677.0	15909.6	17491.8
30°	3366.6	3407.6	3456.8	3552.5	3639.9	4079.9	5503.6	8331.9	13600.5	16048.9	17633.9
32.5°	2429.3	2484.0	2552.3	2683.5	2891.2	3451.4	4815.0	7963.0	14004.9	16625.5	18049.2
35°	2221.7	2284.5	2350.1	2500.4	2697.1	3216.3	4541.7	7810.0	14668.9	17560.1	18795.3
37.5°	2156.1	2227.1	2284.5	2393.8	2552.3	3046.9	4293.0	7706.1	15349.4	18549.3	19795.4
40°	2109.6	2191.6	2238.1	2325.5	2434.8	2891.2	4071.7	7624.1	16007.9	19453.8	20598.8
42.5°	2068.6	2153.3	2213.5	2276.3	2366.5	2751.8	3874.9	7542.2	16579.1	20331.0	21399.5
45°	2019.4	2126.0	2202.5	2251.7	2331.0	2634.3	3724.6	7476.6	17229.4	21109.8	22208.4
47.5°	1978.4	2096.0	2191.6	2249.0	2279.0	2552.3	3604.4	7566.7	18011.0	21924.2	22959.8
50°	1981.2	2093.2	2213.5	2303.6	2224.4	2484.0	3530.6	7924.7	19027.5	22891.5	23552.8
52.5°	2068.6	2205.3	2300.9	2322.8	2147.9	2402.0	3492.3	8550.5	20229.9	23746.8	24151.3
55°	2167.0	2309.1	2412.9	2399.3	2106.9	2298.2	3484.1	9217.3	21547.1	24744.3	24930.1
57.5°	2131.5	2339.2	2497.7	2426.6	2109.6	2197.1	3448.6	9755.6	22648.3	25490.3	25700.7
58°	2120.5	2328.2	2508.6	2421.1	2101.4	2167.0	3440.4	9802.1	22801.3	25542.2	25810.0
60°	2014.0	2232.6	2500.4	2380.2	2055.0	2085.0	3350.2	9952.4	22760.4	25274.4	25875.6
62.5°	1820.0	2000.3	2311.8	2180.7	1912.9	1975.7	3148.0	9766.5	21650.9	23984.6	24916.4
65°	1601.3	1735.2	1942.9	1918.3	1710.6	1863.7	2872.0	9031.5	19429.2	21891.4	22872.4
67.5°	1437.4	1546.7	1677.9	1642.3	1538.5	1713.4	2574.2	7788.1	16937.1	19377.3	20612.5
70°	1270.7	1355.4	1421.0	1396.4	1363.6	1565.8	2309.1	6320.7	14548.7	16989.0	18185.9
72.5°	1101.3	1180.5	1235.2	1199.6	1180.5	1410.1	2093.2	4905.1	11490.9	14015.8	15554.3
75°	920.9	1000.2	1038.4	997.4	986.5	1243.4	1773.5	3664.5	8621.6	10805.0	12133.0
77.5°	713.2	797.9	847.1	833.5	838.9	1022.0	1431.9	2508.6	6164.9	7364.5	8763.7
80°	500.1	593.0	625.8	612.1	650.4	778.8	1011.1	1593.1	4252.0	4779.4	5765.9
82.5°	308.8	396.2	401.7	415.4	442.7	576.6	762.4	970.1	2669.8	2760.0	3475.9
85°	155.8	188.6	202.2	224.1	248.7	352.5	434.5	601.2	1718.8	1300.7	1942.9
87.5°	51.9	54.7	65.6	82.0	101.1	144.8	185.8	245.9	426.3	235.0	601.2
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1	10395.1
2.5°	11638.4	11870.7	12040.1	12195.9	12045.6	12031.9	11884.4	11646.6	11548.2	11548.2
5°	12324.3	12868.1	13308.1	13589.5	13469.3	13179.6	12701.4	12092.0	11764.1	11706.7
7.5°	12512.9	13586.8	14403.9	14693.5	14491.3	13851.9	12936.4	11908.9	11438.9	11335.1
10°	12398.1	13794.5	14994.1	15453.2	15171.7	14204.4	12955.6	11695.8	11116.5	10996.2
12.5°	12277.9	13821.8	15103.4	15767.5	15584.4	14488.6	13094.9	11556.4	10886.9	10714.8
15°	12365.3	13832.7	14969.5	15655.4	15772.9	14830.2	13324.5	11657.5	10840.5	10657.4
17.5°	12917.3	14040.4	14778.2	15333.0	15745.6	15294.7	13977.6	12141.2	11255.8	11029.0
20°	14070.5	14537.8	14887.6	15316.6	15980.6	16243.0	15313.8	13469.3	12422.7	12223.2
22.5°	17409.8	17325.1	16609.1	16600.9	17562.8	18614.9	18552.1	16169.2	14595.2	14431.2
25°	18661.4	18267.9	17232.2	16980.8	17404.3	19027.5	18792.5	16721.2	15267.4	14868.4
27.5°	18172.2	17196.7	16516.2	16458.8	16319.5	17852.5	18418.2	16945.2	15502.4	15114.4
30°	18142.2	16707.5	15734.7	15849.4	15983.4	17448.1	18625.8	17647.5	16103.6	15688.2
32.5°	18215.9	16775.8	15792.1	15813.9	16212.9	17508.2	18855.4	18412.7	16893.3	16478.0
35°	18513.8	17163.9	16158.2	16106.3	16729.4	17901.7	19246.2	19615.1	17972.7	17500.0
37.5°	18994.7	17937.2	16827.7	16814.1	17718.6	18612.2	19732.6	20828.4	19046.7	18538.4
40°	19702.5	18841.7	18019.2	17945.4	19063.1	19768.1	20363.8	22120.9	20295.5	19642.4
42.5°	20557.8	19926.6	19590.5	19882.9	20956.8	21066.1	21347.6	23315.1	21358.5	20598.8
45°	21350.3	21320.2	21787.5	22563.6	23189.4	22533.5	22375.1	24115.8	22183.8	21358.5
47.5°	22293.1	23107.4	24517.5	25654.2	26310.1	24241.5	23252.2	24637.7	22785.0	22025.3
50°	23249.5	25247.1	27498.8	29083.7	29223.1	26096.9	23856.2	25129.6	23331.5	22541.7
52.5°	24255.1	26955.0	29952.7	31794.5	31524.0	27711.9	24440.9	25463.0	23894.4	23200.3
55°	25129.6	28001.6	31324.5	33092.6	32696.3	28695.7	25072.2	25823.7	24697.8	24113.0
57.5°	25618.7	28089.1	30982.9	32526.9	32097.9	28504.4	25361.9	26091.5	25211.6	24752.5
58°	25689.8	27971.5	30679.6	32199.0	31761.8	28343.2	25359.1	26080.5	25244.3	24782.5
60°	25626.9	27209.1	29551.0	30903.7	30444.6	27332.1	25255.3	25875.6	24829.0	24438.2
62.5°	25044.9	25886.5	27602.6	28586.4	28455.2	25752.6	24829.0	25102.2	23563.8	23186.7
65°	24279.7	24083.0	25107.7	25804.5	25902.9	24569.4	24405.4	23429.9	21940.6	21407.7
67.5°	23350.6	22038.9	22036.2	22432.4	22596.4	22749.4	23522.8	21612.6	19601.4	19038.5
70°	21773.9	18888.2	18019.2	18486.5	18349.8	19642.4	21946.0	19060.3	16781.3	16122.7
72.5°	18882.7	14988.7	13597.7	14198.9	13854.6	15404.0	19202.4	15685.5	13876.5	13067.6
75°	15305.6	11212.1	9777.5	10329.5	10116.3	11684.9	15977.9	11392.5	9952.4	9643.6
77.5°	11884.4	8124.2	7290.7	7214.2	7372.7	8695.3	11720.4	7692.4	6561.1	6350.7
80°	7635.1	5815.1	5864.3	5765.9	5847.9	5481.7	7115.9	4907.9	4443.3	4273.9
82.5°	5025.4	4052.5	4831.3	4459.7	4235.6	3686.4	4667.4	3213.6	2727.2	2634.3
85°	3424.0	2984.1	2716.3	2076.8	2445.7	2839.2	3500.5	1729.8	1371.8	1243.4
87.5°	1546.7	1038.4	762.4	470.0	743.3	858.1	1699.7	202.2	155.8	161.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)