Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1203089

Luminaire Tested: GWC-SB2B-827-U-SL3

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203089
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-12)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2B-827-U-SL3
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9568 lumens
Efficiency:	N/A
Efficacy:	129.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B1 - U0 - G3

Input Watts (W):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

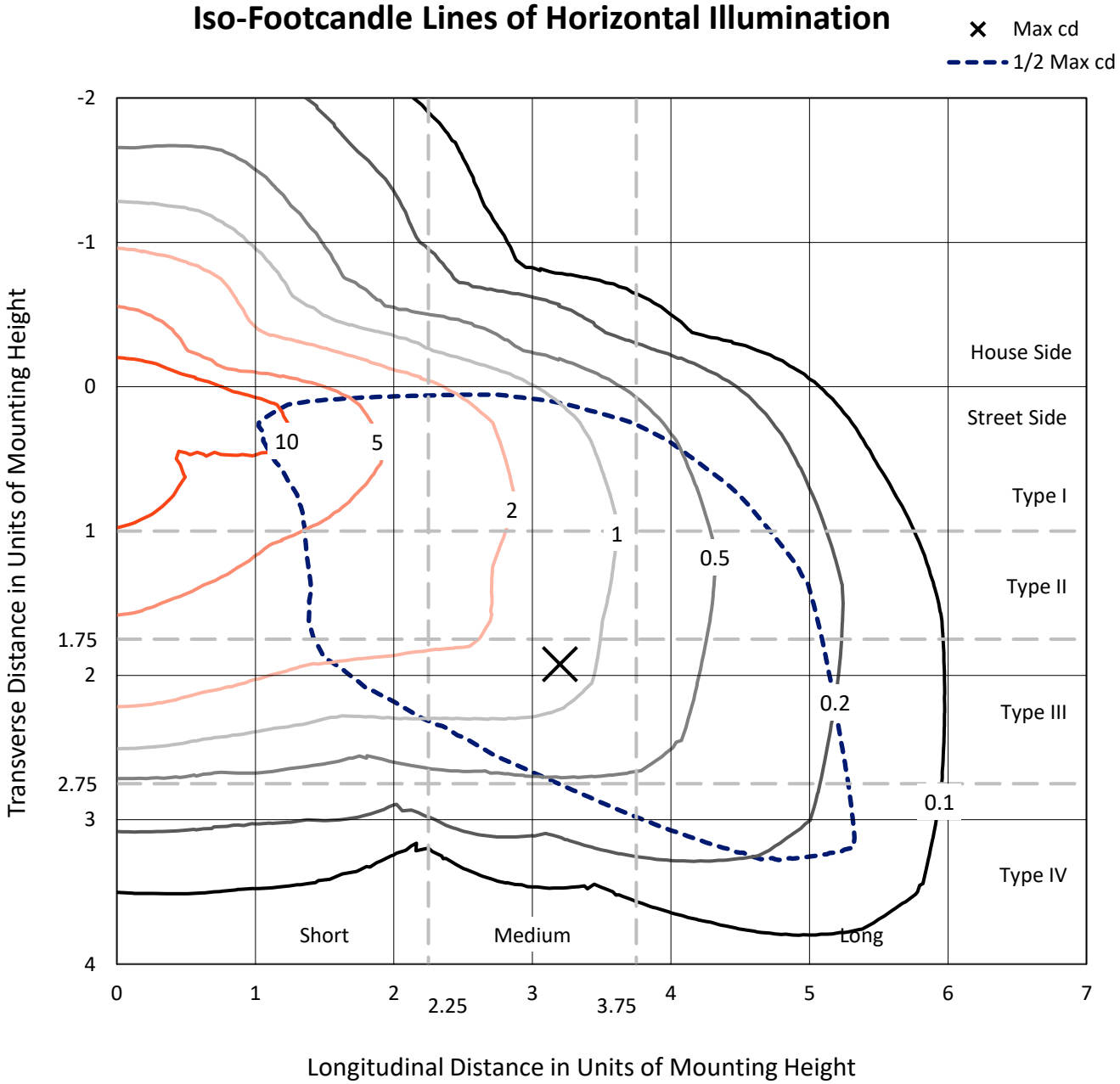


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Iso-Footcandle Lines of Horizontal Illumination



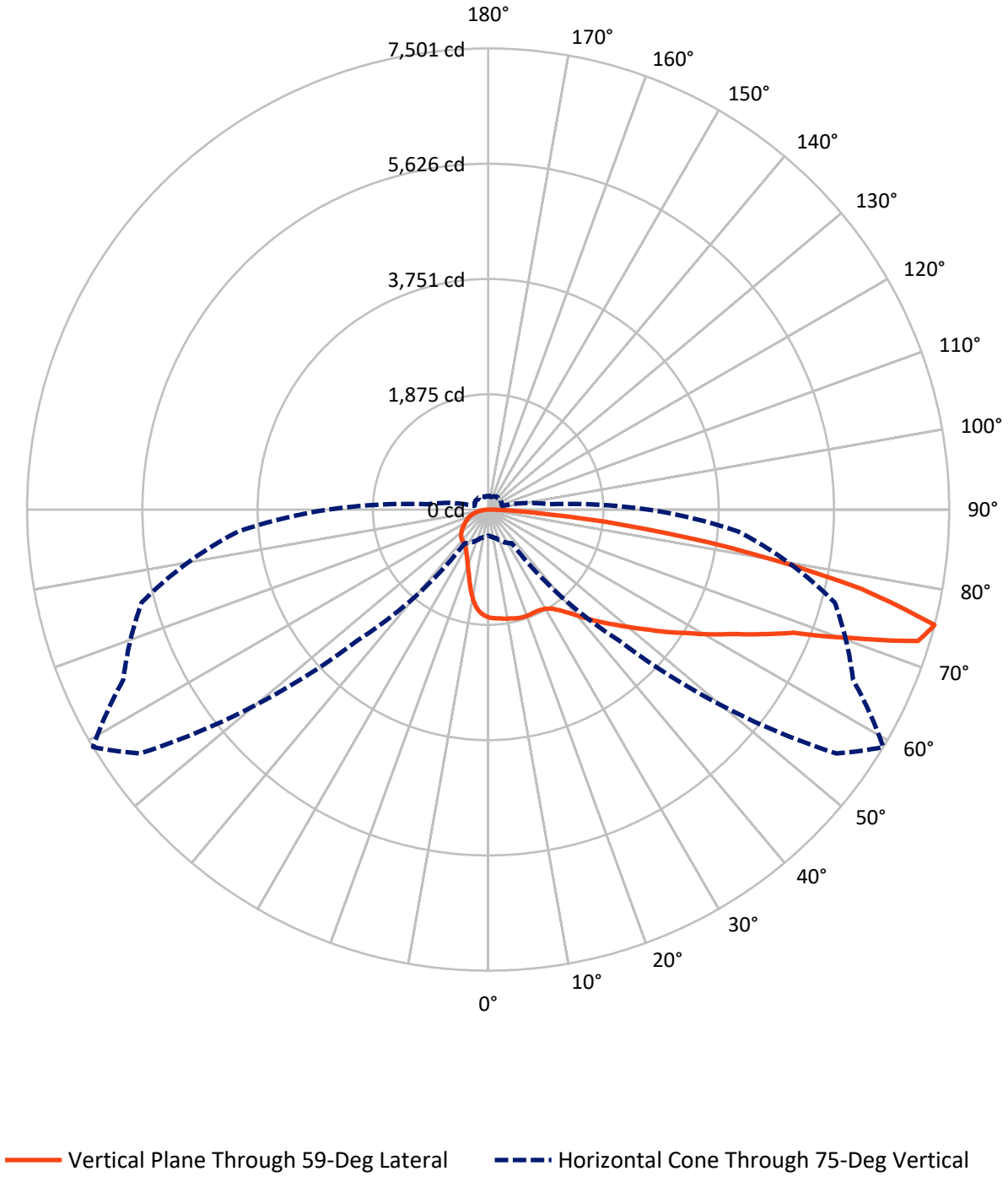
Based on 10 foot mounting height. Maximum calculated value = 17.6 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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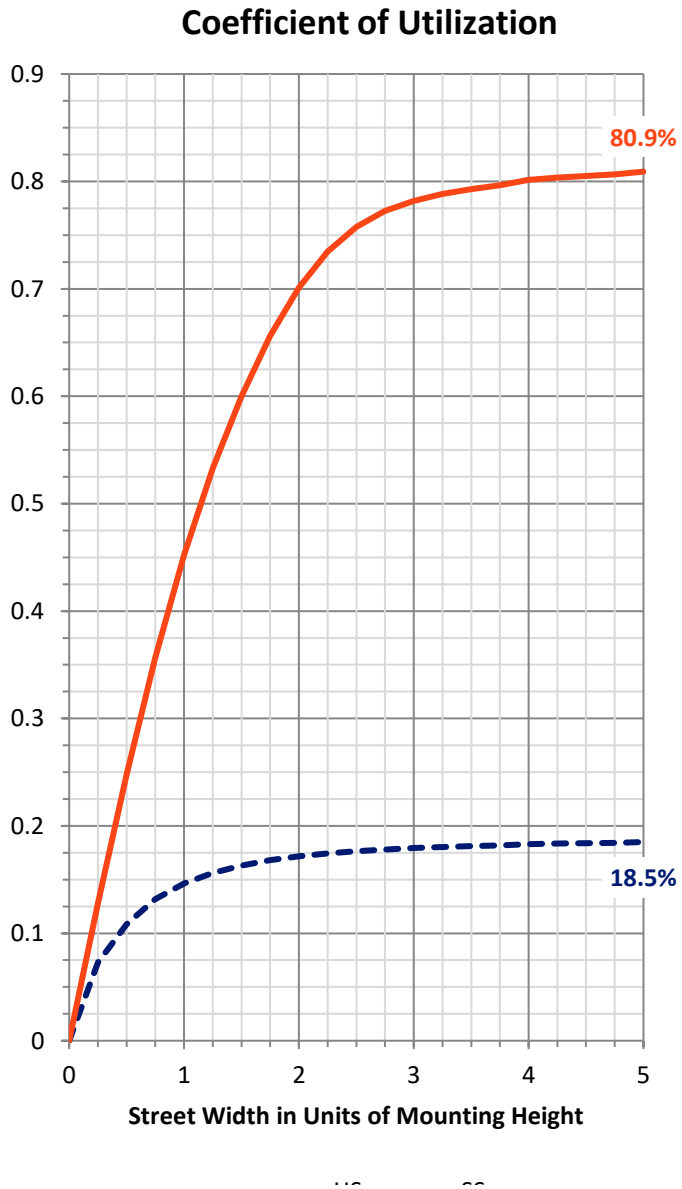
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1794.5	0.0	1794.5
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	7773.5	0.0	7773.5
	% Fixture	81.2	0.0	81.2
Total	Lumens	9568.0	0.0	9568.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.5	1.6
10°-20°	402.5	4.2
20°-30°	611.4	6.4
30°-40°	908.8	9.5
40°-50°	1351.5	14.1
50°-60°	1834.5	19.2
60°-70°	2239.7	23.4
70°-80°	1757.7	18.4
80°-90°	304.5	3.2
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°	9568.0	100.0
0°-180°	9568.0	100.0



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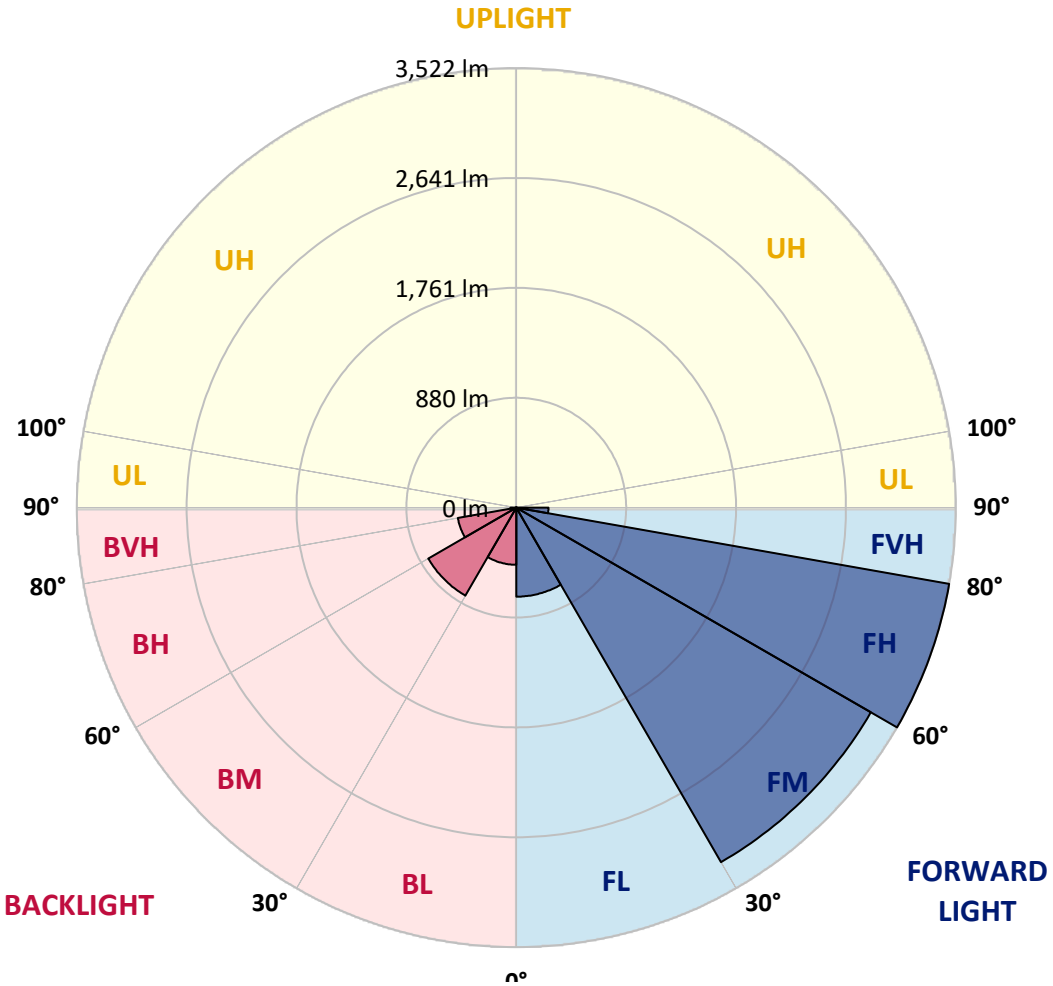
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	713.4	7.5			
FM	(30°-60°)	3280.3	34.3			
FH	(60°-80°)	3521.9	36.8			G2/5000
FVH	(80°-90°)	257.9	2.7			G3/500
BL	(0°-30°)	457.9	4.8	B1/500		
BM	(30°-60°)	814.5	8.5	B1/1000		
BH	(60°-80°)	475.4	5.0	B1/500		G1/500
BVH	(80°-90°)	46.6	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3
Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	1756.2	1756.2	1756.2	1756.2	1756.2	1756.2	1756.2	*1756.2*	1756.2	1756.2	1756.2
2.5°	1771.1	1764.9	1771.1	1768.5	1767.5	1765.4	1766.0	*1769.6*	1767.5	1770.1	1761.3
5°	1759.3	1755.7	1761.8	1760.3	1767.0	1768.0	1774.7	*1778.8*	1781.4	1781.9	1775.2
7.5°	1739.7	1736.1	1744.9	1752.1	1766.5	1770.6	1784.5	*1791.2*	1794.8	1801.0	1791.2
10°	1668.2	1666.6	1688.2	1715.5	1749.5	1770.6	1791.7	*1803.0*	1808.7	1825.2	1813.8
12.5°	1541.6	1543.6	1571.9	1624.4	1692.4	1760.3	1799.9	*1816.4*	1825.2	1845.7	1840.6
15°	1420.6	1420.1	1451.0	1507.1	1602.3	1715.0	1804.1	*1832.4*	1847.3	1877.7	1873.5
17.5°	1350.6	1348.5	1370.2	1412.9	1501.4	1645.5	1793.8	*1841.1*	1873.0	1911.1	1907.5
20°	1337.7	1333.6	1344.9	1366.0	1428.8	1569.3	1767.0	*1841.1*	1893.6	1943.0	1941.0
22.5°	1384.6	1377.9	1373.2	1370.7	1398.5	1506.6	1736.6	*1834.9*	1924.0	1988.8	1985.2
25°	1478.8	1468.5	1444.8	1421.6	1413.4	1478.2	1709.9	*1833.4*	1969.3	2050.6	2037.2
27.5°	1631.1	1618.2	1570.4	1514.8	1464.9	1492.7	1698.0	*1842.7*	2019.2	2116.0	2089.2
30°	1820.0	1806.1	1745.9	1660.4	1570.9	1546.2	1712.9	*1869.9*	2083.0	2203.0	2150.5
32.5°	1989.3	1973.9	1922.4	1835.5	1714.5	1638.8	1760.3	*1921.9*	2183.4	2323.9	2242.6
35°	2139.6	2121.6	2075.3	1995.0	1890.5	1769.1	1845.7	*2014.1*	2326.0	2520.5	2367.7
37.5°	2286.8	2265.7	2215.3	2130.4	2057.3	1942.5	1963.6	*2132.4*	2515.4	2759.4	2533.4
40°	2451.6	2421.2	2359.9	2276.0	2205.0	2145.8	2118.5	*2277.6*	2707.9	3026.0	2740.3
42.5°	2611.1	2582.3	2509.2	2437.7	2348.6	2331.6	2298.2	*2447.4*	2918.4	3318.8	2950.3
45°	2783.0	2748.5	2660.0	2569.4	2513.3	2455.2	2472.1	*2617.3*	3124.8	3617.4	3170.6
47.5°	2944.1	2905.5	2801.0	2700.2	2669.3	2559.1	2631.7	*2804.1*	3339.4	3920.0	3388.8
50°	3031.1	2993.0	2906.0	2814.9	2790.7	2687.3	2804.6	*3009.5*	3564.4	4221.6	3598.3
52.5°	3103.7	3062.5	2948.8	2898.3	2891.1	2826.8	3017.7	*3244.2*	3789.3	4488.3	3800.6
55°	3180.9	3135.1	2989.9	2944.6	2977.6	2983.2	3270.5	*3510.3*	4027.1	4748.2	3991.6
57.5°	3269.9	3211.8	3029.6	2983.8	3062.0	3166.5	3560.8	*3786.2*	4260.8	4989.1	4161.4
60°	3353.8	3295.2	3105.8	3046.0	3153.1	3379.1	3893.8	*4120.2*	4525.3	5203.7	4322.0
62.5°	3370.3	3321.9	3166.5	3166.0	3276.6	3627.2	4288.0	*4457.4*	4756.4	5415.8	4466.1
65°	3085.2	3054.8	2962.7	3161.3	3453.7	3984.4	4727.1	*4888.7*	5050.3	5601.1	4592.7
67.5°	2348.1	2352.2	2345.5	2729.0	3310.6	4497.5	5362.7	*5350.4*	5413.2	5809.0	4738.4
70°	1073.7	1097.9	1255.4	1883.8	2652.3	4556.7	6413.8	*6253.7*	5868.7	6078.2	4864.5
72.5°	580.1	598.6	662.9	912.6	1594.6	4051.3	7199.2	*7313.0*	6474.5	6259.4	4726.1
75°	*425.7*	*436.0*	*480.7*	*580.1*	*669.6*	*3011.0*	*6917.7*	*7501.4*	*6550.2*	*5836.8*	*4081.1*
77.5°	318.6	323.2	359.8	459.6	342.8	1587.4	5527.5	*6212.5*	5607.2	4795.5	3014.6
80°	231.1	236.3	263.5	344.9	240.4	580.6	3795.5	*4360.6*	3840.2	3056.9	1502.4
82.5°	159.6	161.6	173.5	234.7	167.8	225.4	2153.5	*2557.1*	2143.8	1072.7	405.6
85°	96.3	98.8	104.0	136.9	95.2	107.1	929.6	*961.5*	640.8	256.3	126.1
87.5°	39.6	42.2	46.3	57.6	37.6	29.9	153.4	*192.5*	119.9	75.1	39.1
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1756.2	1756.2	1756.2	1756.2	1756.2	1756.2	1756.2	1756.2	1756.2	1756.2	1756.2
2.5°	1758.8	1755.2	1745.4	1732.0	1719.6	1704.2	1697.5	1691.8	1686.7	1676.9	1672.3
5°	1769.6	1759.8	1733.5	1699.6	1661.0	1618.8	1577.6	1549.3	1525.1	1507.1	1492.1
7.5°	1786.0	1767.5	1719.6	1650.2	1561.6	1471.0	1389.2	1331.0	1287.3	1271.3	1243.5
10°	1803.0	1780.9	1697.5	1575.0	1422.1	1282.7	1174.0	1114.3	1079.3	1068.0	1050.5
12.5°	1823.1	1790.7	1663.0	1470.5	1266.2	1113.3	1018.6	983.6	965.6	959.4	961.0
15°	1852.4	1798.9	1611.0	1339.8	1117.4	989.8	928.5	904.3	895.1	894.6	896.6
17.5°	1874.6	1800.5	1530.2	1199.8	1003.2	915.2	864.7	855.4	861.6	870.9	874.5
20°	1899.3	1786.6	1424.2	1072.1	922.9	849.8	828.7	834.9	849.8	863.2	867.8
22.5°	1916.8	1761.3	1296.0	972.8	853.4	812.2	811.2	824.0	832.3	839.0	842.6
25°	1932.2	1718.6	1160.2	889.4	796.3	789.6	800.9	796.8	791.1	796.8	800.4
27.5°	1943.5	1651.2	1038.7	816.3	756.1	774.1	767.4	758.2	757.7	760.7	765.9
30°	1939.9	1561.1	938.8	746.8	727.8	745.3	729.3	727.8	726.3	727.8	733.5
32.5°	1939.9	1458.7	862.1	699.0	709.8	703.1	701.5	697.9	691.8	691.3	697.9
35°	1950.7	1356.3	796.3	673.2	694.9	678.9	679.9	671.2	658.3	652.1	658.3
37.5°	1972.9	1273.9	730.9	660.9	668.6	668.1	664.0	649.0	626.4	606.8	613.5
40°	2026.4	1249.7	686.1	655.2	656.3	662.4	651.6	622.8	571.3	539.4	543.5
42.5°	2110.3	1290.4	676.3	641.3	648.0	654.2	633.1	566.2	529.6	510.6	510.6
45°	2216.8	1361.4	697.4	621.3	628.5	639.3	576.5	544.6	528.1	528.6	531.2
47.5°	2351.7	1436.0	736.5	603.8	600.2	606.3	538.9	519.3	496.7	502.4	516.8
50°	2507.7	1511.7	773.6	580.1	568.8	548.7	514.7	496.2	467.4	454.0	457.6
52.5°	2676.5	1584.8	788.5	551.3	534.8	511.6	498.2	475.6	440.6	418.5	417.9
55°	2836.6	1651.2	772.1	516.8	500.8	482.8	480.7	466.8	429.3	398.4	398.4
57.5°	2987.9	1706.8	730.9	481.8	466.3	455.5	469.4	462.7	415.4	375.7	373.7
60°	3116.0	1744.9	671.2	446.3	435.4	429.8	450.9	448.8	395.8	351.5	350.0
62.5°	3218.0	1759.8	605.3	412.3	409.7	399.4	425.1	425.1	371.1	327.9	326.3
65°	3297.7	1745.4	538.4	378.8	384.0	368.5	393.8	390.7	344.9	306.8	304.7
67.5°	3368.3	1698.0	464.3	345.9	357.7	338.2	360.8	353.6	316.0	285.7	283.6
70°	3399.6	1587.9	379.9	312.9	327.4	308.3	327.9	314.5	283.6	263.0	258.9
72.5°	3147.4	1319.7	299.0	278.5	290.8	275.4	292.4	276.9	248.6	239.3	231.6
75°	*2603.9*	*990.3*	*230.1*	*240.9*	*250.1*	*238.3*	*249.6*	*238.3*	*212.6*	*219.3*	*200.2*
77.5°	1891.0	668.6	176.0	201.3	205.4	199.2	209.0	196.1	172.9	171.4	163.7
80°	940.4	391.7	137.9	159.0	157.5	153.4	164.7	158.5	139.0	147.2	145.7
82.5°	272.3	167.8	100.4	111.7	108.6	109.6	117.9	121.0	181.2	179.6	183.8
85°	85.4	65.9	60.2	62.3	59.2	60.7	69.5	137.9	127.6	74.6	80.8
87.5°	22.1	22.6	14.9	16.0	16.5	19.6	22.1	83.9	40.1	26.3	27.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

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(END OF REPORT)