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: P1202253

Luminaire Tested: GWC-SB1D-735-U-SL3

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202253
	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-SB1D-735-U-SL3
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE III SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9999 lumens
Efficiency:	N/A
Efficacy:	125.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B1 - U0 - G3

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

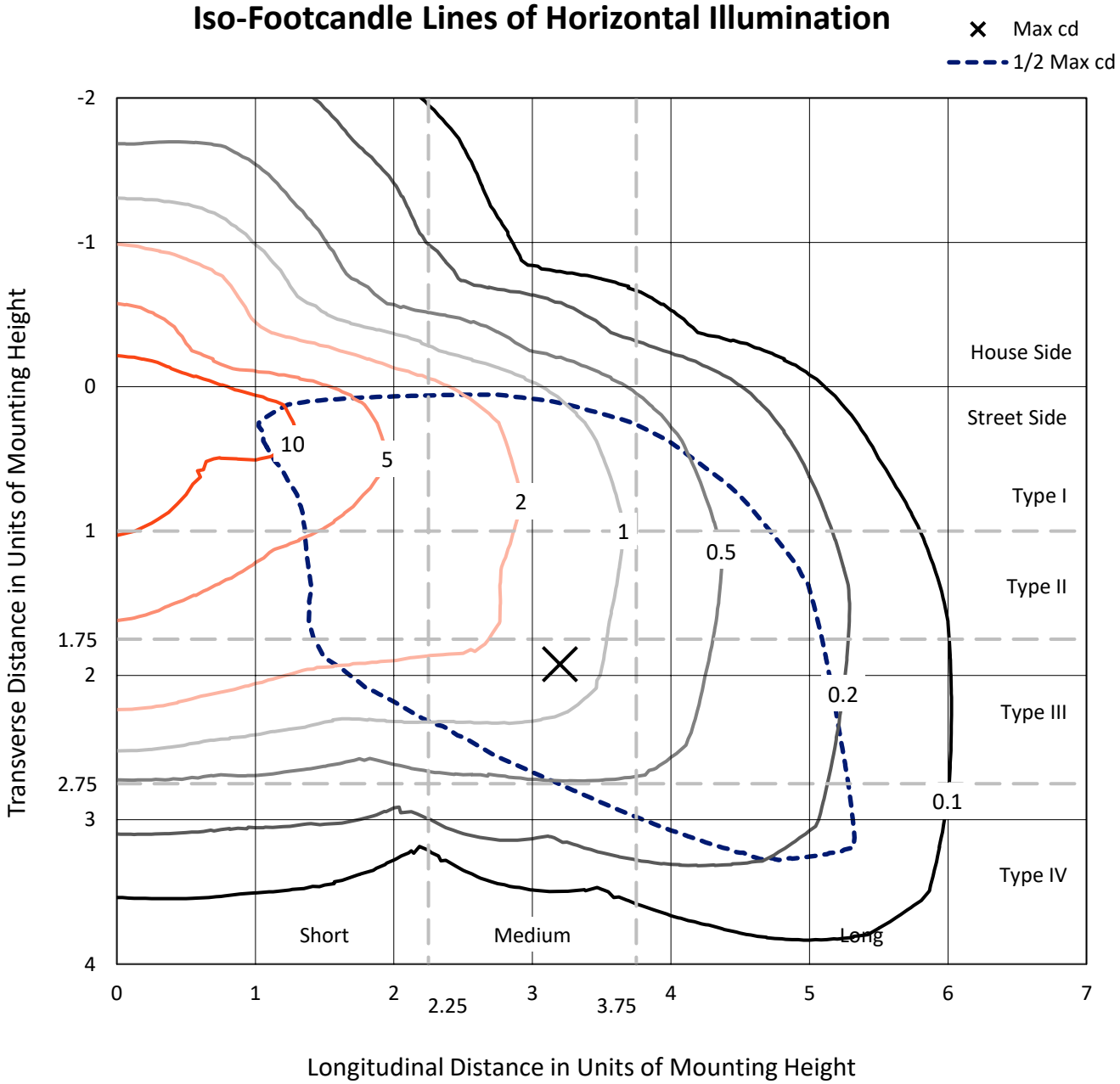


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Iso-Footcandle Lines of Horizontal Illumination



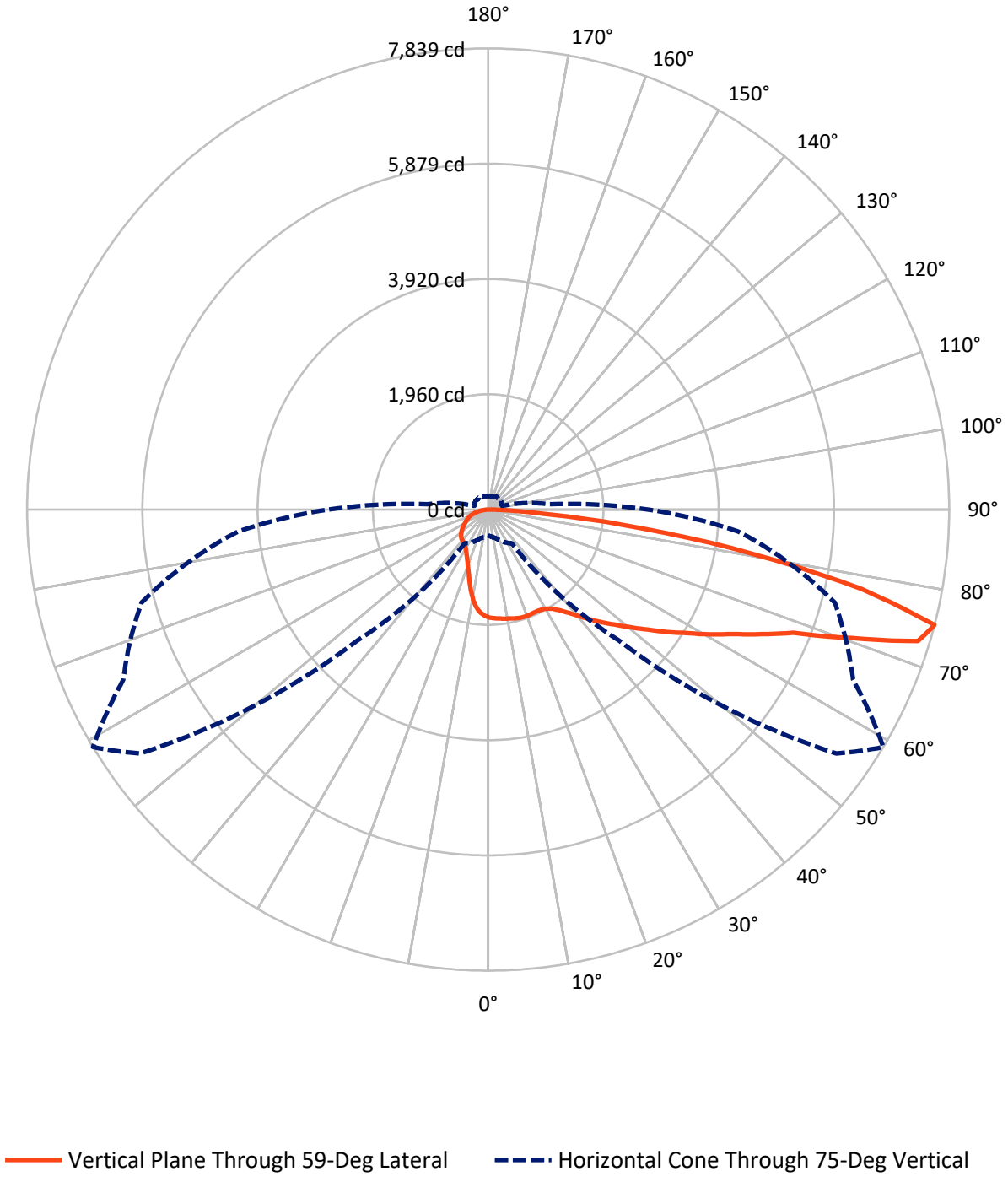
Based on 10 foot mounting height. Maximum calculated value = 18.4 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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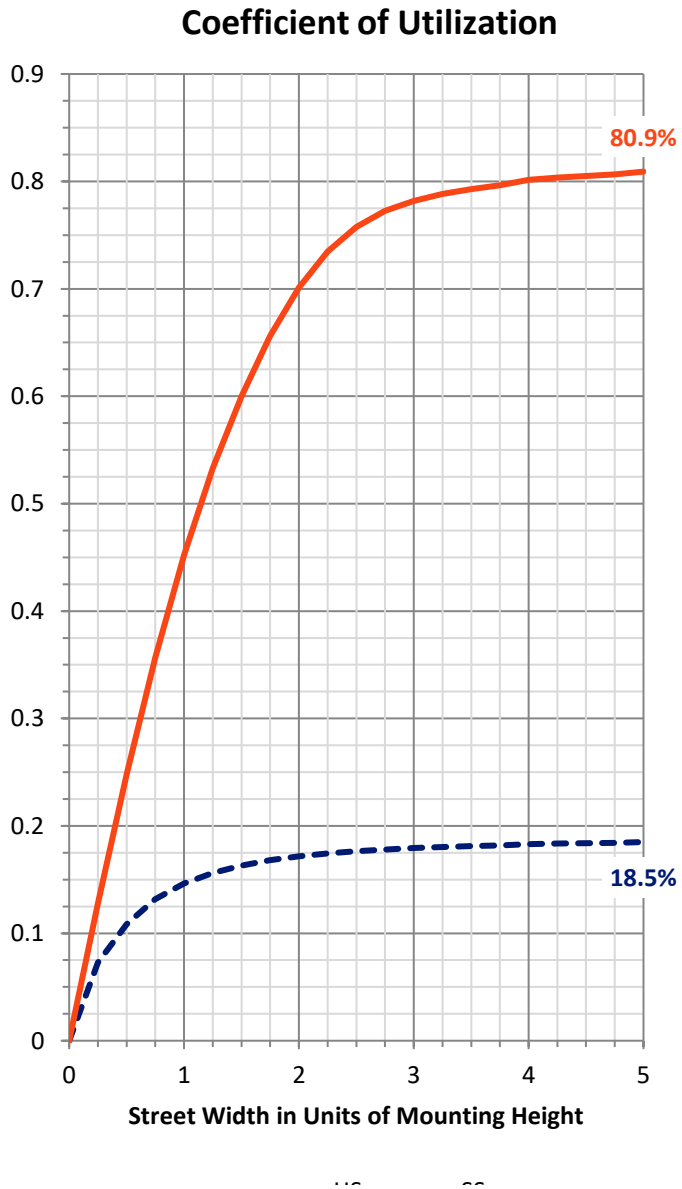
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1875.4	0.0	1875.4
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	8123.6	0.0	8123.6
	% Fixture	81.2	0.0	81.2
Total	Lumens	9999.0	0.0	9999.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.6	1.6
10°-20°	420.6	4.2
20°-30°	638.9	6.4
30°-40°	949.7	9.5
40°-50°	1412.4	14.1
50°-60°	1917.2	19.2
60°-70°	2340.6	23.4
70°-80°	1836.8	18.4
80°-90°	318.2	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°	9999.0	100.0
0°-180°	9999.0	100.0



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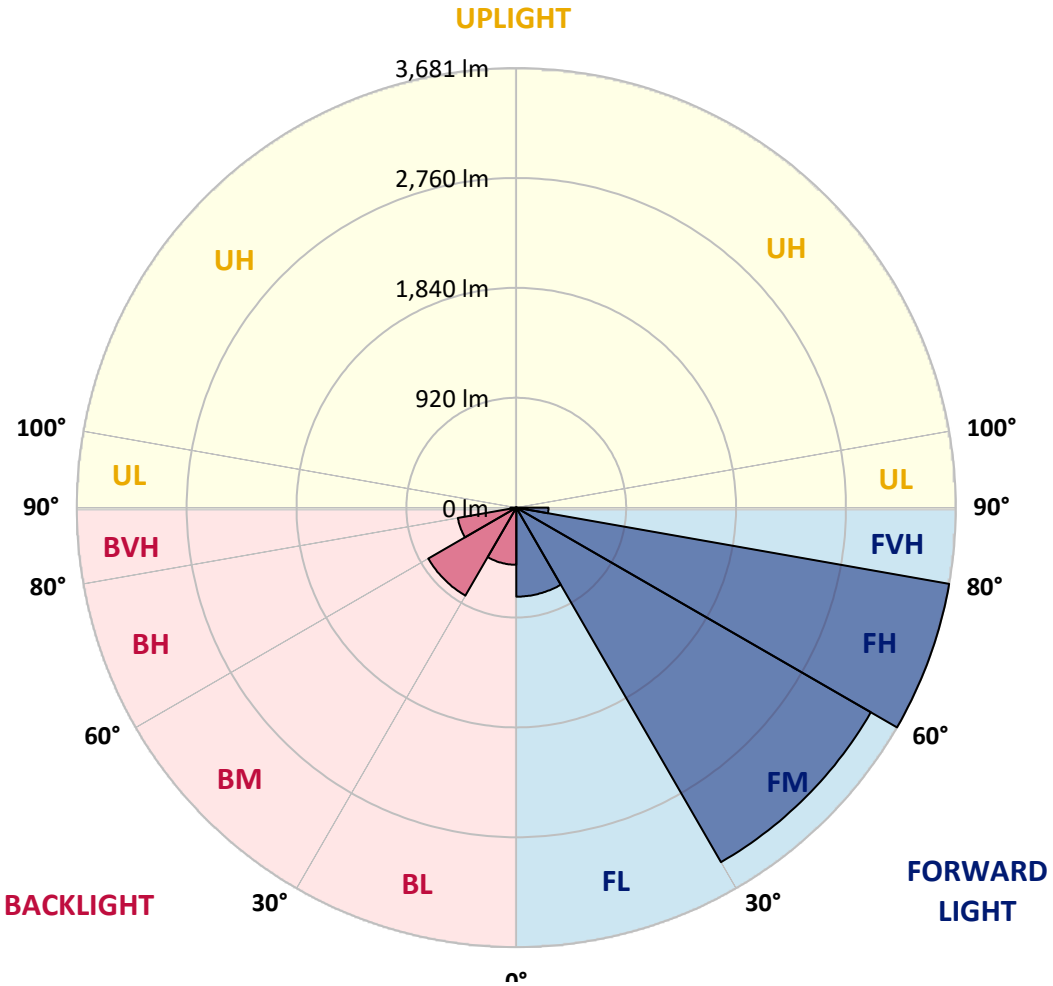
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	745.5	7.5			
FM	(30°-60°)	3428.1	34.3			
FH	(60°-80°)	3680.5	36.8			G2/5000
FVH	(80°-90°)	269.5	2.7			G3/500
BL	(0°-30°)	478.6	4.8	B1/500		
BM	(30°-60°)	851.2	8.5	B1/1000		
BH	(60°-80°)	496.9	5.0	B1/500		G1/500
BVH	(80°-90°)	48.7	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°	1835.3	1835.3	1835.3	1835.3	1835.3	1835.3	1835.3	*1835.3*	1835.3	1835.3	1835.3
2.5°	1850.9	1844.4	1850.9	1848.2	1847.1	1845.0	1845.5	*1849.3*	1847.1	1849.8	1840.7
5°	1838.5	1834.8	1841.2	1839.6	1846.6	1847.7	1854.7	*1859.0*	1861.7	1862.2	1855.2
7.5°	1818.1	1814.3	1823.5	1831.0	1846.1	1850.4	1864.9	*1871.9*	1875.6	1882.1	1871.9
10°	1743.3	1741.7	1764.3	1792.8	1828.3	1850.4	1872.4	*1884.2*	1890.2	1907.4	1895.5
12.5°	1611.0	1613.1	1642.7	1697.6	1768.6	1839.6	1881.0	*1898.2*	1907.4	1928.9	1923.5
15°	1484.6	1484.0	1516.3	1575.0	1674.5	1792.3	1885.3	*1914.9*	1930.5	1962.2	1957.9
17.5°	1411.4	1409.3	1431.9	1476.5	1569.0	1719.6	1874.6	*1924.0*	1957.4	1997.2	1993.4
20°	1398.0	1393.7	1405.5	1427.6	1493.2	1640.0	1846.6	*1924.0*	1978.9	2030.5	2028.4
22.5°	1446.9	1439.9	1435.1	1432.4	1461.5	1574.4	1814.9	*1917.6*	2010.6	2078.4	2074.7
25°	1545.4	1534.6	1509.9	1485.7	1477.1	1544.8	1786.9	*1916.0*	2058.0	2143.0	2129.0
27.5°	1704.6	1691.1	1641.1	1583.0	1530.8	1559.9	1774.5	*1925.7*	2110.2	2211.3	2183.3
30°	1902.0	1887.5	1824.5	1735.2	1641.7	1615.8	1790.1	*1954.2*	2176.9	2302.2	2247.3
32.5°	2079.0	2062.8	2009.0	1918.1	1791.7	1712.7	1839.6	*2008.5*	2281.7	2428.6	2343.6
35°	2236.0	2217.2	2168.8	2084.9	1975.7	1848.7	1928.9	*2104.8*	2430.7	2634.1	2474.3
37.5°	2389.9	2367.8	2315.1	2226.3	2150.0	2030.0	2052.1	*2228.5*	2628.7	2883.6	2647.5
40°	2562.0	2530.3	2466.2	2378.6	2304.3	2242.5	2214.0	*2380.2*	2829.9	3162.3	2863.7
42.5°	2728.7	2698.6	2622.2	2547.5	2454.4	2436.7	2401.7	*2557.7*	3049.9	3468.3	3083.2
45°	2908.4	2872.4	2779.8	2685.2	2626.5	2565.8	2583.5	*2735.2*	3265.6	3780.3	3313.4
47.5°	3076.8	3036.4	2927.2	2821.8	2789.5	2674.4	2750.3	*2930.4*	3489.9	4096.6	3541.5
50°	3167.7	3127.9	3036.9	2941.7	2916.5	2808.3	2931.0	*3145.1*	3724.9	4411.8	3760.4
52.5°	3243.5	3200.5	3081.6	3028.9	3021.4	2954.1	3153.7	*3390.3*	3960.0	4690.4	3971.8
55°	3324.2	3276.3	3124.6	3077.3	3111.7	3117.6	3417.8	*3668.4*	4208.5	4962.1	4171.4
57.5°	3417.2	3356.5	3166.0	3118.2	3199.9	3309.1	3721.2	*3956.7*	4452.7	5213.8	4348.9
60°	3504.9	3443.6	3245.7	3183.3	3295.1	3531.3	4069.2	*4305.8*	4729.2	5438.1	4516.7
62.5°	3522.1	3471.6	3309.1	3308.6	3424.2	3790.5	4481.2	*4658.2*	4970.7	5659.7	4667.3
65°	3224.1	3192.4	3096.1	3303.7	3609.3	4163.8	4940.0	*5108.9*	5277.8	5853.4	4799.6
67.5°	2453.9	2458.2	2451.2	2851.9	3459.7	4700.1	5604.3	*5591.4*	5657.0	6070.7	4951.9
70°	1122.0	1147.3	1311.9	1968.7	2771.8	4762.0	6702.7	*6535.4*	6133.1	6352.0	5083.6
72.5°	606.2	625.6	692.8	953.7	1666.4	4233.8	7523.5	*7642.4*	6766.2	6541.3	4938.9
75°	*444.8*	*455.6*	*502.4*	*606.2*	*699.8*	*3146.7*	*7229.3*	*7839.3*	*6845.2*	*6099.7*	*4265.0*
77.5°	333.0	337.8	376.0	480.3	358.2	1658.9	5776.4	*6492.4*	5859.8	5011.6	3150.4
80°	241.5	246.9	275.4	360.4	251.2	606.7	3966.4	*4557.0*	4013.2	3194.6	1570.1
82.5°	166.7	168.9	181.3	245.3	175.4	235.6	2250.5	*2672.3*	2240.3	1121.0	423.9
85°	100.6	103.3	108.7	143.1	99.5	111.9	971.4	*1004.8*	669.7	267.9	131.8
87.5°	41.4	44.1	48.4	60.2	39.3	31.2	160.3	*201.2*	125.3	78.5	40.9
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1835.3	1835.3	1835.3	1835.3	1835.3	1835.3	1835.3	1835.3	1835.3	1835.3	1835.3
2.5°	1838.0	1834.2	1824.0	1810.0	1797.1	1781.0	1774.0	1768.1	1762.7	1752.5	1747.6
5°	1849.3	1839.1	1811.6	1776.1	1735.8	1691.7	1648.6	1619.1	1593.8	1575.0	1559.4
7.5°	1866.5	1847.1	1797.1	1724.5	1632.0	1537.3	1451.8	1391.0	1345.3	1328.6	1299.6
10°	1884.2	1861.1	1774.0	1646.0	1486.2	1340.4	1226.9	1164.5	1128.0	1116.1	1097.8
12.5°	1905.2	1871.3	1737.9	1536.8	1323.2	1163.5	1064.5	1027.9	1009.1	1002.6	1004.2
15°	1935.9	1879.9	1683.6	1400.1	1167.8	1034.4	970.4	945.1	935.4	934.9	937.0
17.5°	1959.0	1881.6	1599.2	1253.8	1048.4	956.4	903.7	894.0	900.4	910.1	913.9
20°	1984.8	1867.0	1488.4	1120.4	964.4	888.1	866.0	872.5	888.1	902.0	906.9
22.5°	2003.1	1840.7	1354.4	1016.6	891.8	848.8	847.7	861.2	869.8	876.8	880.5
25°	2019.3	1796.0	1212.4	929.5	832.1	825.1	837.0	832.7	826.7	832.7	836.4
27.5°	2031.1	1725.6	1085.5	853.1	790.2	809.0	802.0	792.3	791.8	795.0	800.4
30°	2027.3	1631.4	981.1	780.5	760.6	778.9	762.2	760.6	759.0	760.6	766.5
32.5°	2027.3	1524.4	901.0	730.5	741.8	734.8	733.1	729.4	722.9	722.4	729.4
35°	2038.6	1417.4	832.1	703.6	726.2	709.5	710.6	701.4	688.0	681.5	688.0
37.5°	2061.7	1331.3	763.8	690.7	698.7	698.2	693.9	678.3	654.6	634.2	641.2
40°	2117.7	1306.0	717.0	684.7	685.8	692.3	681.0	650.9	597.1	563.7	568.0
42.5°	2205.4	1348.5	706.8	670.2	677.2	683.7	661.6	591.7	553.5	533.6	533.6
45°	2316.7	1422.7	728.8	649.2	656.8	668.1	602.4	569.1	551.9	552.4	555.1
47.5°	2457.6	1500.7	769.7	630.9	627.2	633.6	563.2	542.7	519.1	525.0	540.0
50°	2620.6	1579.8	808.5	606.2	594.4	573.4	537.9	518.5	488.4	474.4	478.2
52.5°	2797.0	1656.2	824.1	576.1	558.9	534.7	520.7	497.0	460.4	437.3	436.8
55°	2964.3	1725.6	806.8	540.0	523.4	504.5	502.4	487.9	448.6	416.3	416.3
57.5°	3122.5	1783.7	763.8	503.5	487.3	476.0	490.6	483.6	434.1	392.7	390.5
60°	3256.4	1823.5	701.4	466.4	455.1	449.1	471.2	469.0	413.6	367.4	365.8
62.5°	3362.9	1839.1	632.6	430.9	428.2	417.4	444.3	444.3	387.8	342.6	341.0
65°	3446.3	1824.0	562.6	395.9	401.3	385.1	411.5	408.3	360.4	320.6	318.4
67.5°	3520.0	1774.5	485.2	361.5	373.8	353.4	377.1	369.5	330.3	298.5	296.4
70°	3552.8	1659.4	397.0	327.0	342.1	322.2	342.6	328.7	296.4	274.9	270.6
72.5°	3289.2	1379.2	312.5	291.0	303.9	287.8	305.5	289.4	259.8	250.1	242.1
75°	*2721.2*	*1034.9*	*240.4*	*251.7*	*261.4*	*249.0*	*260.9*	*249.0*	*222.2*	*229.1*	*209.2*
77.5°	1976.2	698.7	184.0	210.3	214.6	208.2	218.4	204.9	180.7	179.1	171.1
80°	982.7	409.3	144.2	166.2	164.6	160.3	172.1	165.7	145.2	153.8	152.2
82.5°	284.5	175.4	104.9	116.7	113.5	114.6	123.2	126.4	189.3	187.7	192.0
85°	89.3	68.9	62.9	65.1	61.9	63.5	72.6	144.2	133.4	78.0	84.4
87.5°	23.1	23.7	15.6	16.7	17.2	20.4	23.1	87.7	42.0	27.4	29.0
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)