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: P1202627

Luminaire Tested: GWC-SB2A-735-U-SL3

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202627
	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-SB2A-735-U-SL3
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 350mA 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:	8765 lumens
Efficiency:	N/A
Efficacy:	153.0 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):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

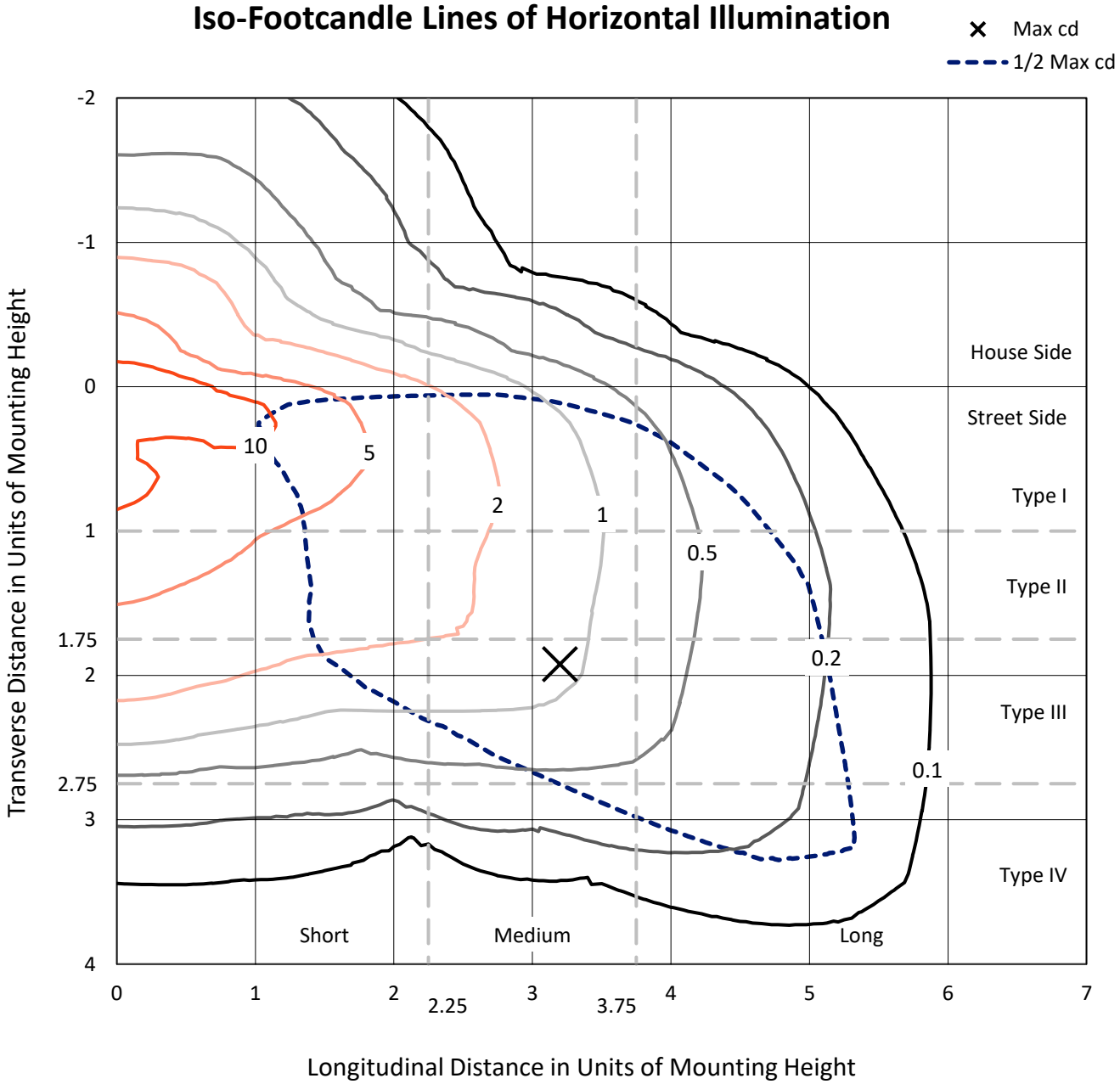


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Iso-Footcandle Lines of Horizontal Illumination



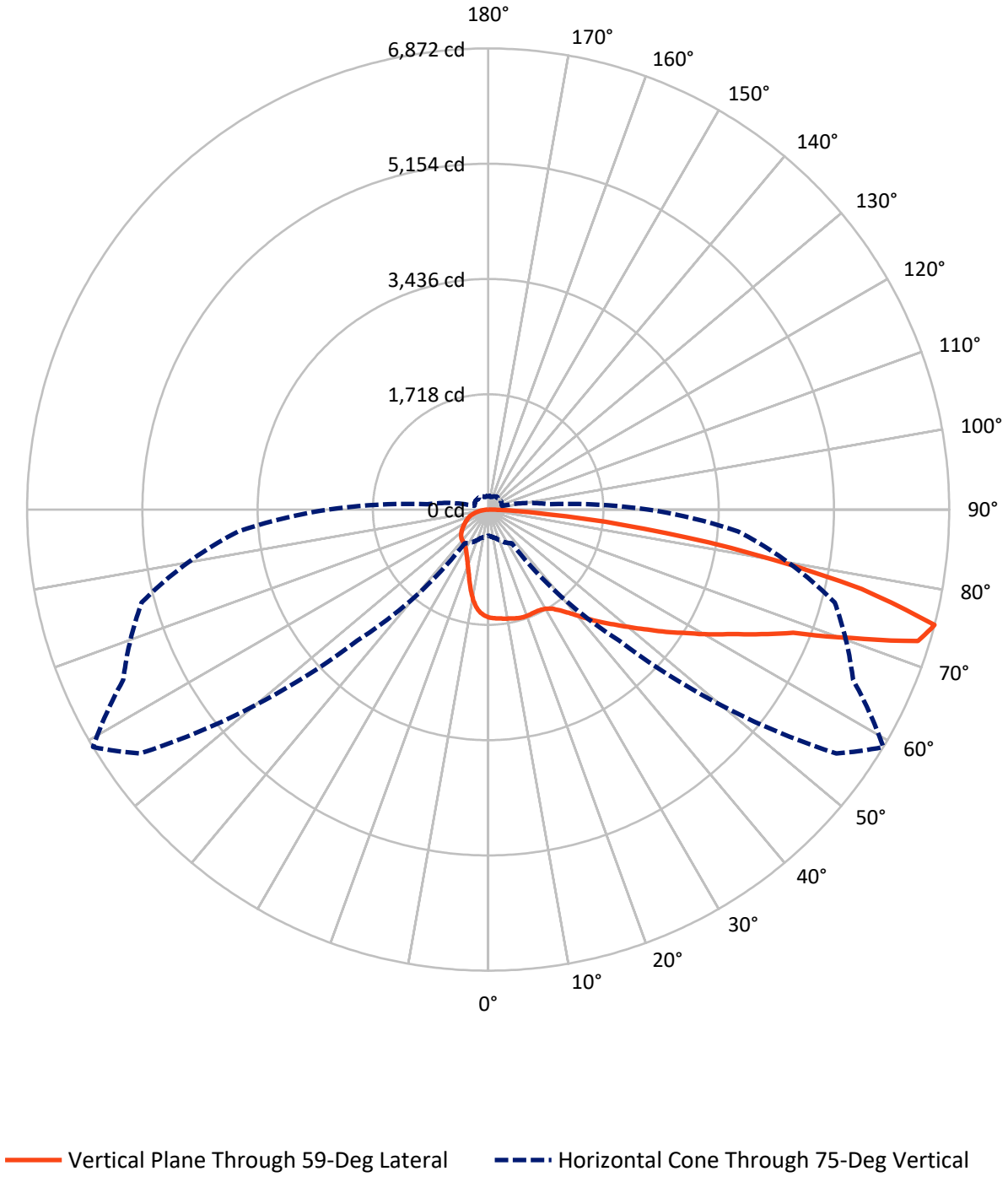
Based on 10 foot mounting height. Maximum calculated value = 16.1 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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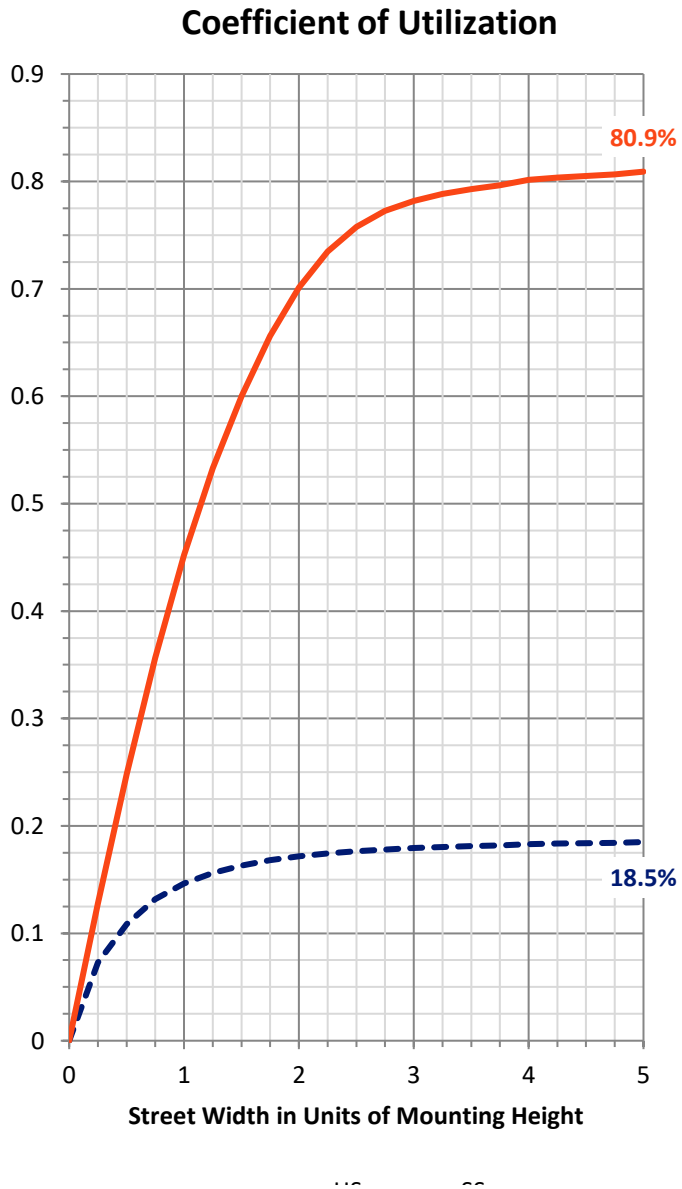
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1643.9	0.0	1643.9
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	7121.1	0.0	7121.1
	% Fixture	81.2	0.0	81.2
Total	Lumens	8765.0	0.0	8765.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.3	1.6
10°-20°	368.7	4.2
20°-30°	560.1	6.4
30°-40°	832.5	9.5
40°-50°	1238.1	14.1
50°-60°	1680.6	19.2
60°-70°	2051.7	23.4
70°-80°	1610.1	18.4
80°-90°	278.9	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°	8765.0	100.0
0°-180°	8765.0	100.0



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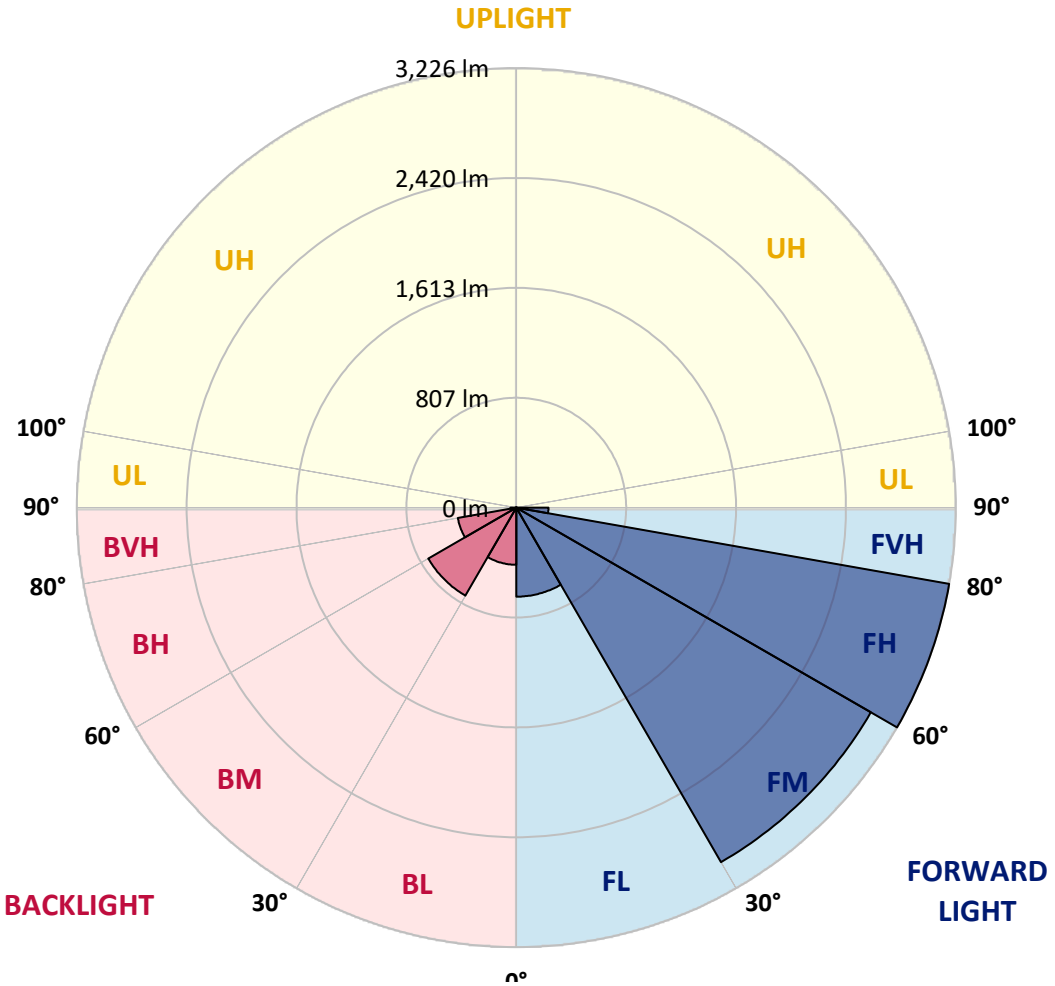
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	653.5	7.5			
FM	(30°-60°)	3005.0	34.3			
FH	(60°-80°)	3226.3	36.8			G2/5000
FVH	(80°-90°)	236.2	2.7			G3/500
BL	(0°-30°)	419.5	4.8	B1/500		
BM	(30°-60°)	746.2	8.5	B1/1000		
BH	(60°-80°)	435.5	5.0	B1/500		G1/500
BVH	(80°-90°)	42.7	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°	1608.8	1608.8	1608.8	1608.8	1608.8	1608.8	1608.8	*1608.8*	1608.8	1608.8	1608.8
2.5°	1622.5	1616.8	1622.5	1620.1	1619.2	1617.3	1617.8	*1621.1*	1619.2	1621.5	1613.5
5°	1611.6	1608.3	1614.0	1612.6	1618.7	1619.6	1625.8	*1629.5*	1631.9	1632.4	1626.2
7.5°	1593.7	1590.4	1598.4	1605.0	1618.2	1622.0	1634.7	*1640.9*	1644.2	1649.8	1640.9
10°	1528.2	1526.8	1546.6	1571.5	1602.7	1622.0	1641.3	*1651.7*	1656.9	1672.0	1661.6
12.5°	1412.2	1414.1	1440.0	1488.1	1550.3	1612.6	1648.9	*1664.0*	1672.0	1690.8	1686.1
15°	1301.4	1300.9	1329.2	1380.6	1467.8	1571.1	1652.6	*1678.6*	1692.3	1720.1	1716.3
17.5°	1237.2	1235.4	1255.2	1294.3	1375.4	1507.4	1643.2	*1686.6*	1715.8	1750.7	1747.4
20°	1225.5	1221.7	1232.1	1251.4	1308.9	1437.6	1618.7	*1686.6*	1734.7	1780.0	1778.1
22.5°	1268.4	1262.2	1258.0	1255.6	1281.1	1380.1	1590.9	*1680.9*	1762.5	1821.9	1818.6
25°	1354.7	1345.2	1323.5	1302.3	1294.8	1354.2	1566.4	*1679.5*	1804.0	1878.5	1866.2
27.5°	1494.2	1482.4	1438.6	1387.7	1341.9	1367.4	1555.5	*1688.0*	1849.7	1938.4	1913.9
30°	1667.3	1654.5	1599.4	1521.1	1439.1	1416.4	1569.2	*1713.0*	1908.2	2018.1	1970.0
32.5°	1822.4	1808.2	1761.1	1681.4	1570.6	1501.3	1612.6	*1760.6*	2000.2	2128.9	2054.4
35°	1960.1	1943.6	1901.1	1827.6	1731.9	1620.6	1690.8	*1845.0*	2130.8	2309.0	2169.0
37.5°	2094.9	2075.6	2029.4	1951.6	1884.6	1779.5	1798.8	*1953.5*	2304.3	2527.8	2320.8
40°	2245.8	2218.0	2161.9	2085.0	2020.0	1965.7	1940.7	*2086.4*	2480.6	2772.0	2510.3
42.5°	2392.0	2365.6	2298.6	2233.1	2151.5	2135.9	2105.3	*2242.0*	2673.5	3040.3	2702.7
45°	2549.5	2517.9	2436.8	2353.8	2302.4	2249.1	2264.7	*2397.6*	2862.5	3313.8	2904.5
47.5°	2697.0	2661.7	2566.0	2473.5	2445.3	2344.4	2410.8	*2568.8*	3059.2	3591.0	3104.4
50°	2776.7	2741.8	2662.2	2578.7	2556.5	2461.8	2569.3	*2756.9*	3265.2	3867.3	3296.3
52.5°	2843.2	2805.5	2701.3	2655.1	2648.5	2589.5	2764.5	*2971.9*	3471.3	4111.6	3481.6
55°	2913.9	2872.0	2739.0	2697.5	2727.7	2732.9	2996.0	*3215.7*	3689.1	4349.7	3656.6
57.5°	2995.5	2942.2	2775.3	2733.4	2805.0	2900.7	3261.9	*3468.4*	3903.2	4570.4	3812.2
60°	3072.4	3018.6	2845.1	2790.4	2888.5	3095.5	3567.0	*3774.4*	4145.5	4767.0	3959.3
62.5°	3087.5	3043.1	2900.7	2900.3	3001.6	3322.7	3928.2	*4083.3*	4357.2	4961.2	4091.3
65°	2826.2	2798.4	2714.0	2896.0	3163.8	3650.0	4330.4	*4478.4*	4626.5	5131.0	4207.3
67.5°	2151.0	2154.8	2148.7	2500.0	3032.8	4120.1	4912.7	*4901.4*	4958.9	5321.5	4340.7
70°	983.6	1005.7	1150.0	1725.7	2429.7	4174.3	5875.5	*5728.9*	5376.2	5568.1	4456.3
72.5°	531.4	548.4	607.3	836.0	1460.7	3711.3	6595.0	*6699.2*	5931.1	5734.0	4329.4
75°	*389.9*	*399.4*	*440.4*	*531.4*	*613.4*	*2758.3*	*6337.1*	*6871.8*	*6000.5*	*5346.9*	*3738.6*
77.5°	291.9	296.1	329.6	421.1	314.0	1454.1	5063.6	*5691.1*	5136.6	4393.1	2761.6
80°	211.7	216.4	241.4	315.9	220.2	531.9	3476.9	*3994.6*	3517.9	2800.3	1376.3
82.5°	146.2	148.1	158.9	215.0	153.7	206.5	1972.8	*2342.5*	1963.8	982.6	371.6
85°	88.2	90.5	95.2	125.4	87.2	98.1	851.5	*880.8*	587.0	234.8	115.5
87.5°	36.3	38.7	42.4	52.8	34.4	27.3	140.5	*176.3*	109.9	68.8	35.8
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°	1608.8	1608.8	1608.8	1608.8	1608.8	1608.8	1608.8	1608.8	1608.8	1608.8	1608.8
2.5°	1611.2	1607.9	1598.9	1586.6	1575.3	1561.2	1555.0	1549.9	1545.1	1536.2	1531.9
5°	1621.1	1612.1	1588.0	1556.9	1521.6	1482.9	1445.2	1419.2	1397.1	1380.6	1366.9
7.5°	1636.1	1619.2	1575.3	1511.7	1430.6	1347.6	1272.6	1219.3	1179.2	1164.6	1139.2
10°	1651.7	1631.4	1555.0	1442.8	1302.8	1175.0	1075.5	1020.8	988.8	978.4	962.4
12.5°	1670.1	1640.4	1523.5	1347.1	1159.9	1019.9	933.1	901.1	884.6	878.9	880.3
15°	1697.0	1647.9	1475.8	1227.3	1023.7	906.7	850.6	828.4	820.0	819.5	821.4
17.5°	1717.2	1649.3	1401.8	1099.1	919.0	838.3	792.1	783.7	789.3	797.8	801.1
20°	1739.9	1636.6	1304.7	982.2	845.4	778.5	759.1	764.8	778.5	790.7	795.0
22.5°	1755.9	1613.5	1187.3	891.2	781.8	744.0	743.1	754.9	762.4	768.6	771.9
25°	1770.1	1574.4	1062.8	814.8	729.4	723.3	733.7	729.9	724.7	729.9	733.2
27.5°	1780.4	1512.6	951.5	747.8	692.6	709.2	703.0	694.5	694.1	696.9	701.6
30°	1777.1	1430.1	860.0	684.2	666.7	682.7	668.1	666.7	665.3	666.7	671.9
32.5°	1777.1	1336.3	789.8	640.3	650.2	644.1	642.7	639.4	633.7	633.2	639.4
35°	1787.0	1242.4	729.4	616.7	636.5	621.9	622.9	614.9	603.1	597.4	603.1
37.5°	1807.3	1167.0	669.5	605.4	612.5	612.0	608.2	594.6	573.8	555.9	562.0
40°	1856.3	1144.8	628.5	600.2	601.2	606.8	596.9	570.5	523.4	494.1	497.9
42.5°	1933.2	1182.1	619.6	587.5	593.6	599.3	580.0	518.7	485.2	467.7	467.7
45°	2030.8	1247.1	638.9	569.1	575.7	585.6	528.1	498.9	483.8	484.2	486.6
47.5°	2154.3	1315.5	674.7	553.1	549.8	555.4	493.7	475.8	455.0	460.2	473.4
50°	2297.2	1384.8	708.7	531.4	521.0	502.6	471.5	454.5	428.1	415.9	419.2
52.5°	2451.9	1451.8	722.4	505.0	489.9	468.7	456.4	435.7	403.6	383.3	382.9
55°	2598.5	1512.6	707.3	473.4	458.8	442.3	440.4	427.7	393.2	364.9	364.9
57.5°	2737.1	1563.5	669.5	441.3	427.2	417.3	430.0	423.9	380.5	344.2	342.3
60°	2854.5	1598.4	614.9	408.8	398.9	393.7	413.0	411.2	362.6	322.0	320.6
62.5°	2947.9	1612.1	554.5	377.7	375.3	365.9	389.5	389.5	340.0	300.4	298.9
65°	3021.0	1598.9	493.2	347.0	351.7	337.6	360.7	357.9	315.9	281.0	279.1
67.5°	3085.6	1555.5	425.3	316.9	327.7	309.8	330.5	323.9	289.5	261.7	259.8
70°	3114.3	1454.6	348.0	286.7	299.9	282.4	300.4	288.1	259.8	240.9	237.2
72.5°	2883.3	1209.0	273.9	255.1	266.4	252.3	267.8	253.7	227.7	219.3	212.2
75°	*2385.4*	*907.2*	*210.8*	*220.7*	*229.2*	*218.3*	*228.7*	*218.3*	*194.7*	*200.9*	*183.4*
77.5°	1732.3	612.5	161.3	184.4	188.1	182.5	191.4	179.6	158.4	157.0	149.9
80°	861.5	358.8	126.4	145.7	144.3	140.5	150.9	145.2	127.3	134.9	133.4
82.5°	249.4	153.7	91.9	102.3	99.5	100.4	108.0	110.8	166.0	164.6	168.3
85°	78.3	60.4	55.2	57.1	54.2	55.6	63.7	126.4	116.9	68.4	74.0
87.5°	20.3	20.7	13.7	14.6	15.1	17.9	20.3	76.9	36.8	24.0	25.5
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)