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: P1203374

Luminaire Tested: GWC-SB2C-735-U-SL3-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203374
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-13)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-735-U-SL3-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12059 lumens
Efficiency:	N/A
Efficacy:	119.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

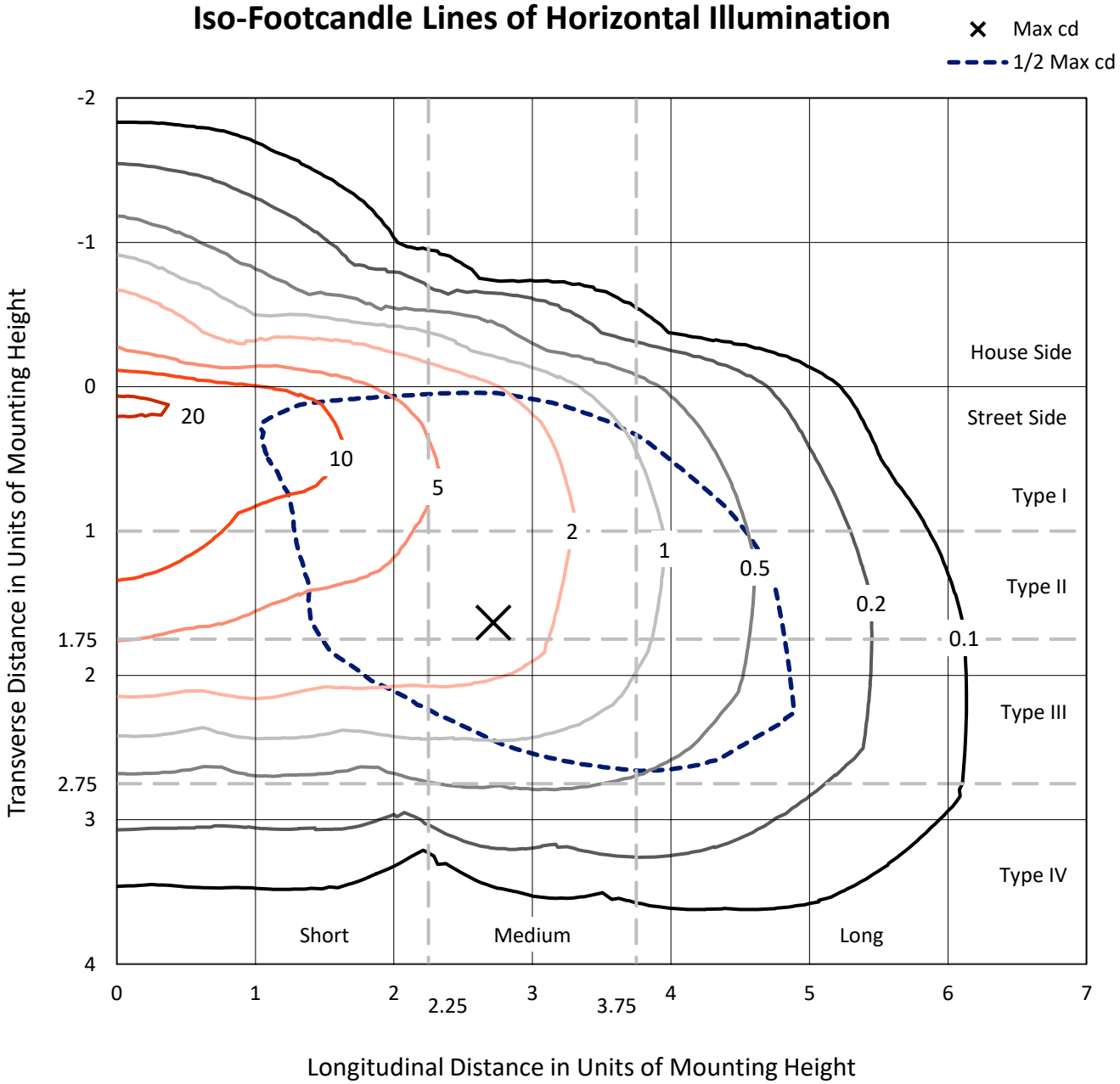


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Iso-Footcandle Lines of Horizontal Illumination



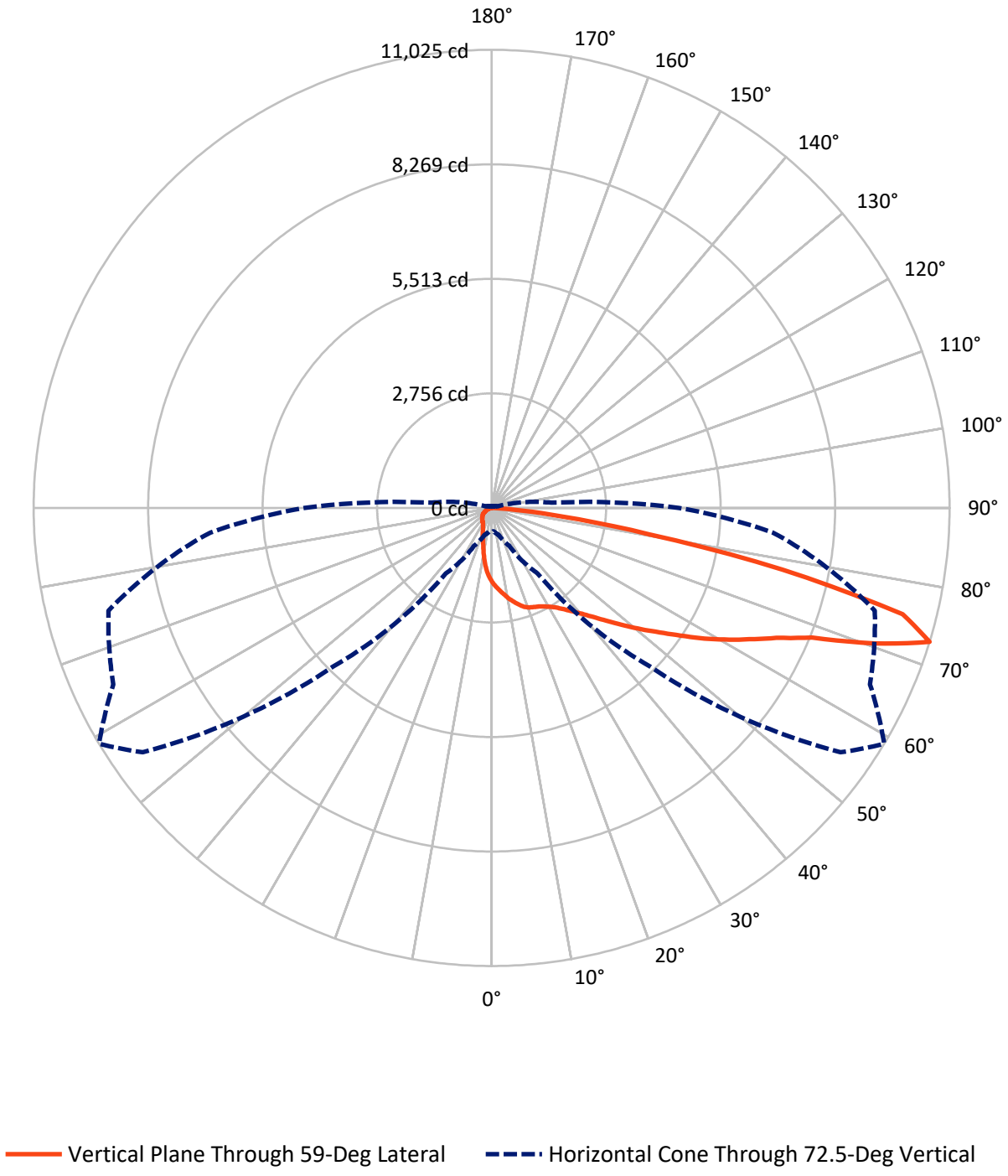
Based on 10 foot mounting height. Maximum calculated value = 22.1 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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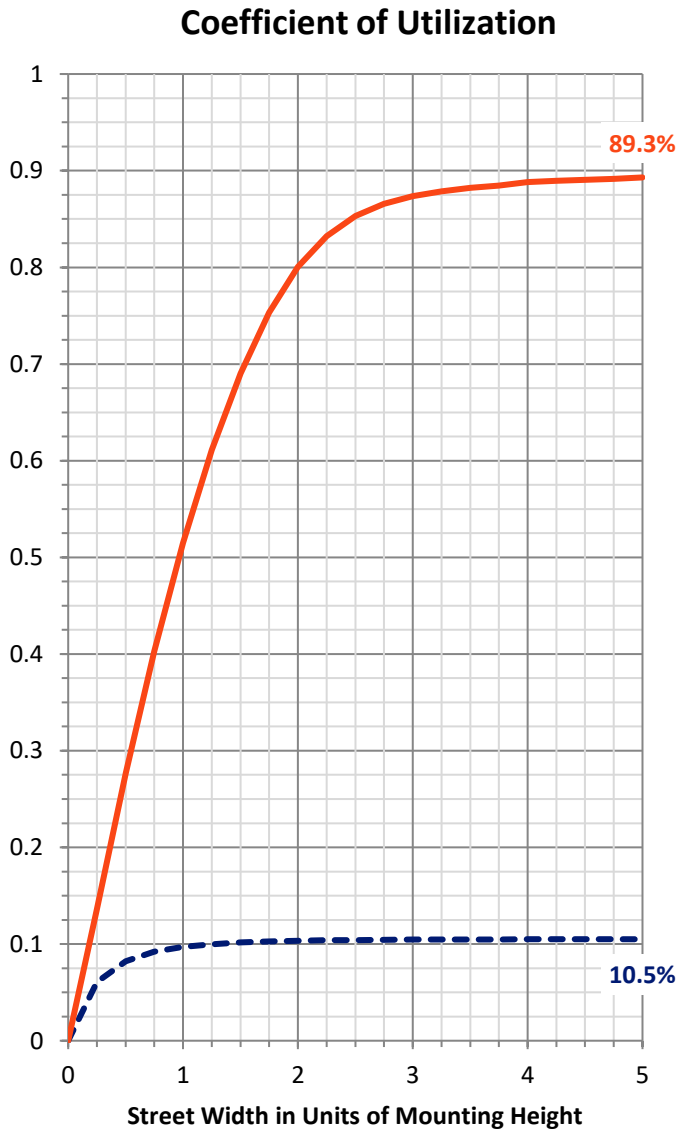
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1273.7	0.0	1273.7
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	10785.3	0.0	10785.3
	% Fixture	89.4	0.0	89.4
Total	Lumens	12059.0	0.0	12059.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.3	1.3
10°-20°	428.5	3.6
20°-30°	679.2	5.6
30°-40°	1089.9	9.0
40°-50°	1740.8	14.4
50°-60°	2520.5	20.9
60°-70°	2991.2	24.8
70°-80°	2220.5	18.4
80°-90°	227.0	1.9
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°	12059.0	100.0
0°-180°	12059.0	100.0



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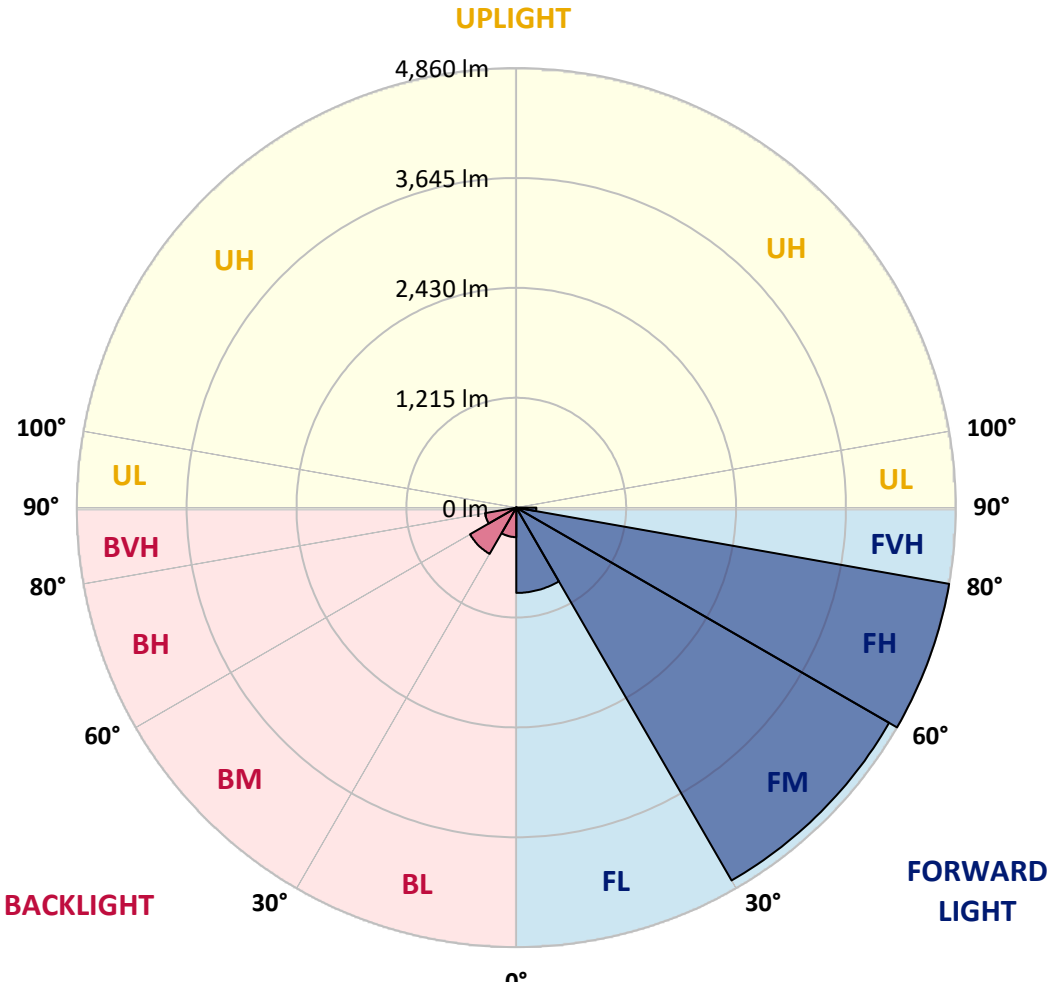
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	942.7	7.8			
FM	(30°-60°)	4760.7	39.5			
FH	(60°-80°)	4860.5	40.3			G2/5000
FVH	(80°-90°)	221.4	1.8			G2/225
BL	(0°-30°)	326.3	2.7	B1/500		
BM	(30°-60°)	590.5	4.9	B1/1000		
BH	(60°-80°)	351.2	2.9	B1/500		G1/500
BVH	(80°-90°)	5.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	1783.2	1783.2	1783.2	1783.2	1783.2	1783.2	1783.2	*1783.2*	1783.2	1783.2	1783.2
2.5°	1978.5	1967.5	1969.0	1950.1	1936.8	1922.6	1895.0	*1891.1*	1871.4	1836.8	1801.3
5°	2150.9	2143.8	2137.5	2116.3	2088.7	2054.1	2007.6	*1991.1*	1954.9	1895.0	1825.8
7.5°	2276.9	2268.2	2271.4	2250.1	2228.1	2189.5	2125.7	*2095.0*	2047.0	1955.7	1850.9
10°	2301.3	2296.6	2317.0	2324.9	2324.9	2300.5	2238.3	*2207.6*	2137.5	2021.0	1876.9
12.5°	2164.3	2165.1	2216.3	2277.7	2358.0	2380.8	2339.1	*2306.0*	2236.7	2090.3	1910.0
15°	2004.5	2005.3	2054.9	2133.6	2265.1	2396.5	2429.6	*2408.4*	2336.7	2165.1	1948.6
17.5°	1908.4	1904.5	1937.6	2002.1	2139.9	2324.9	2484.7	*2498.9*	2440.6	2247.7	1991.1
20°	1895.0	1888.0	1905.3	1937.6	2036.0	2235.2	2491.0	*2557.9*	2547.7	2341.4	2039.9
22.5°	1976.9	1965.9	1956.4	1958.0	1999.7	2160.4	2475.3	*2591.0*	2657.9	2454.0	2106.8
25°	2139.1	2121.8	2091.1	2051.7	2043.0	2144.6	2464.3	*2627.2*	2760.3	2598.1	2195.0
27.5°	2337.5	2313.1	2254.0	2195.0	2144.6	2188.7	2487.1	*2684.7*	2876.0	2765.8	2297.3
30°	2555.6	2525.7	2466.6	2354.8	2274.5	2287.1	2541.4	*2760.3*	3024.0	2955.5	2425.7
32.5°	2876.0	2806.7	2703.6	2532.8	2426.5	2393.4	2623.3	*2856.3*	3207.5	3208.3	2611.5
35°	3150.8	3112.2	3008.3	2795.7	2577.6	2534.3	2731.2	*2991.7*	3461.8	3542.9	2871.3
37.5°	3331.1	3278.3	3187.0	3027.2	2812.2	2679.2	2875.2	*3157.9*	3731.0	3923.9	3191.7
40°	3532.6	3480.7	3359.4	3209.0	3084.6	2928.0	3057.1	*3349.2*	4026.3	4315.2	3557.8
42.5°	3775.9	3708.2	3564.9	3402.7	3272.8	3255.5	3294.9	*3587.7*	4329.4	4740.3	3938.9
45°	4061.7	3997.9	3833.4	3628.7	3514.5	3483.8	3594.0	*3865.7*	4667.1	5206.4	4323.9
47.5°	4329.4	4255.4	4078.2	3891.6	3764.9	3668.0	3912.1	*4194.0*	5049.8	5693.8	4687.6
50°	4556.9	4481.3	4319.1	4120.0	4034.1	3907.4	4224.7	*4560.1*	5429.2	6189.0	5019.8
52.5°	4712.8	4645.9	4455.3	4319.9	4261.7	4197.9	4590.8	*4948.2*	5807.1	6642.5	5348.1
55°	4677.4	4617.5	4449.8	4440.4	4436.4	4503.4	5028.5	*5388.3*	6192.1	7071.5	5674.9
57.5°	4564.8	4497.1	4287.6	4431.7	4571.1	4775.8	5502.5	*5908.7*	6614.1	7476.2	5989.8
60°	4233.3	4209.7	4082.2	4415.2	4627.8	5042.7	6044.1	*6431.5*	7070.8	7832.1	6269.3
62.5°	3531.8	3552.3	3551.5	4449.8	4730.1	5346.6	6536.2	*6960.5*	7517.2	8174.6	6518.1
65°	2644.5	2715.4	2805.9	4138.1	4867.1	5889.0	7124.3	*7534.5*	7970.6	8572.9	6770.8
67.5°	1776.9	1833.6	1895.0	3394.8	4459.3	6459.0	8101.3	*8321.0*	8513.9	9014.6	7055.0
70°	1017.2	1035.3	1121.1	2120.2	3437.4	6301.6	9692.5	*9772.0*	9324.0	9558.6	7262.1
72.5°	*570.0*	*563.7*	*677.1*	*1006.2*	*1921.0*	*5396.2*	*10249.9*	*11025.4*	*10049.1*	*9550.0*	*6799.9*
75°	381.1	381.8	466.1	634.6	748.7	3777.5	8832.7	*10223.1*	9614.5	8468.2	5556.0
77.5°	259.8	268.5	342.5	490.5	346.4	1843.1	5843.4	*7161.3*	7784.1	6539.3	3835.7
80°	112.6	113.4	226.0	351.9	233.8	586.5	3029.5	*3836.5*	4882.1	3672.0	1519.5
82.5°	58.3	66.1	144.1	227.5	147.2	205.5	1431.3	*1676.2*	2048.6	1077.8	311.8
85°	20.5	24.4	89.0	111.8	74.0	73.2	498.4	*507.8*	433.8	162.2	85.8
87.5°	0.0	3.9	34.6	27.6	9.4	8.7	59.0	*49.6*	39.4	22.8	28.3
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°	1783.2	1783.2	1783.2	1783.2	1783.2	1783.2	1783.2	1783.2	1783.2	1783.2	1783.2
2.5°	1784.8	1763.6	1728.9	1686.4	1636.8	1610.0	1571.5	1547.8	1526.6	1527.4	1544.7
5°	1787.2	1751.7	1663.6	1569.9	1466.0	1389.6	1304.6	1244.7	1199.1	1188.0	1204.6
7.5°	1794.3	1734.4	1590.3	1434.5	1261.3	1132.9	1015.6	941.6	899.9	888.9	899.9
10°	1803.7	1715.5	1507.7	1269.1	1054.2	899.9	802.3	755.0	736.1	722.0	730.6
12.5°	1811.6	1695.8	1403.8	1098.3	870.0	749.5	675.5	636.1	619.6	609.4	614.9
15°	1825.0	1669.9	1291.2	939.3	745.6	647.2	577.1	548.0	543.2	544.8	547.2
17.5°	1838.3	1644.7	1165.2	814.9	654.2	557.4	514.9	510.2	516.5	522.8	525.1
20°	1853.3	1608.5	1037.7	721.2	570.0	495.2	484.2	487.3	490.5	501.5	504.7
22.5°	1875.4	1562.8	925.9	641.7	499.9	465.3	459.8	462.1	464.5	475.5	478.7
25°	1906.8	1514.0	835.3	568.4	455.8	440.9	435.4	435.4	438.5	448.8	452.7
27.5°	1939.9	1444.7	762.1	500.7	429.9	414.1	404.7	404.7	408.6	420.4	425.1
30°	1976.9	1381.7	704.6	450.3	407.8	387.4	374.8	371.6	376.3	391.3	395.2
32.5°	2043.8	1340.8	663.7	426.7	388.1	362.9	345.6	337.0	341.7	359.0	363.7
35°	2145.4	1331.3	635.4	414.9	369.2	340.9	316.5	303.1	307.0	325.2	330.7
37.5°	2264.3	1351.0	607.8	399.2	351.1	319.6	287.4	270.0	276.3	292.9	297.6
40°	2435.1	1432.9	586.5	387.4	333.0	294.5	258.2	240.9	251.1	265.3	267.7
42.5°	2641.4	1578.5	581.0	376.3	311.0	267.7	231.5	218.9	226.7	240.1	242.5
45°	2897.3	1764.3	606.2	362.2	286.6	241.7	210.2	203.1	205.5	218.9	225.2
47.5°	3172.0	1954.9	675.5	349.6	265.3	220.4	193.7	187.4	185.8	198.4	206.3
50°	3450.0	2124.1	757.4	340.1	250.4	203.1	181.1	173.2	169.3	177.1	180.3
52.5°	3724.7	2258.8	810.9	324.4	235.4	185.8	170.1	158.2	151.2	155.1	158.2
55°	4003.4	2376.9	814.1	300.7	221.2	174.8	159.0	145.7	137.0	137.0	138.6
57.5°	4264.0	2480.8	767.6	269.3	201.5	164.5	144.1	133.1	123.6	120.5	121.2
60°	4494.7	2557.9	690.5	233.8	184.2	151.2	129.1	120.5	108.6	102.3	100.8
62.5°	4700.2	2595.7	585.0	197.6	163.0	135.4	114.9	105.5	89.8	81.9	81.1
65°	4874.2	2557.2	474.7	163.8	144.9	118.1	98.4	89.0	71.6	62.2	62.2
67.5°	5046.6	2380.8	359.0	137.8	126.0	99.2	81.1	72.4	59.8	52.0	52.0
70°	5068.6	2010.0	251.1	115.7	104.7	76.4	65.3	59.8	48.8	41.7	40.9
72.5°	*4512.0*	*1446.3*	*152.7*	*94.5*	*81.9*	*54.3*	*52.0*	*47.2*	*36.2*	*31.5*	*30.7*
75°	3606.6	886.5	89.8	70.9	54.3	38.6	38.6	33.9	24.4	20.5	20.5
77.5°	2492.6	463.7	52.7	45.7	32.3	22.8	25.2	20.5	11.8	9.4	9.4
80°	998.3	176.4	28.3	21.3	15.0	10.2	8.7	4.7	2.4	1.6	2.4
82.5°	199.2	46.5	9.4	5.5	5.5	2.4	0.0	0.0	0.0	0.0	0.0
85°	51.2	10.2	2.4	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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(END OF REPORT)