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: P1201145

Luminaire Tested: GWC-SB1A-735-U-T4W

Issue Date: 10/30/2025

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201145
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-1)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1A-735-U-T4W
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4500 lumens
Efficiency:	N/A
Efficacy:	145.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	30.9
Input Voltage (V):	120.0
Input Current (Ain):	0.263
Voltage Rise (V):	NR
Power Factor:	0.995
Total Harmonic Distortion (THDi):	6.356
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

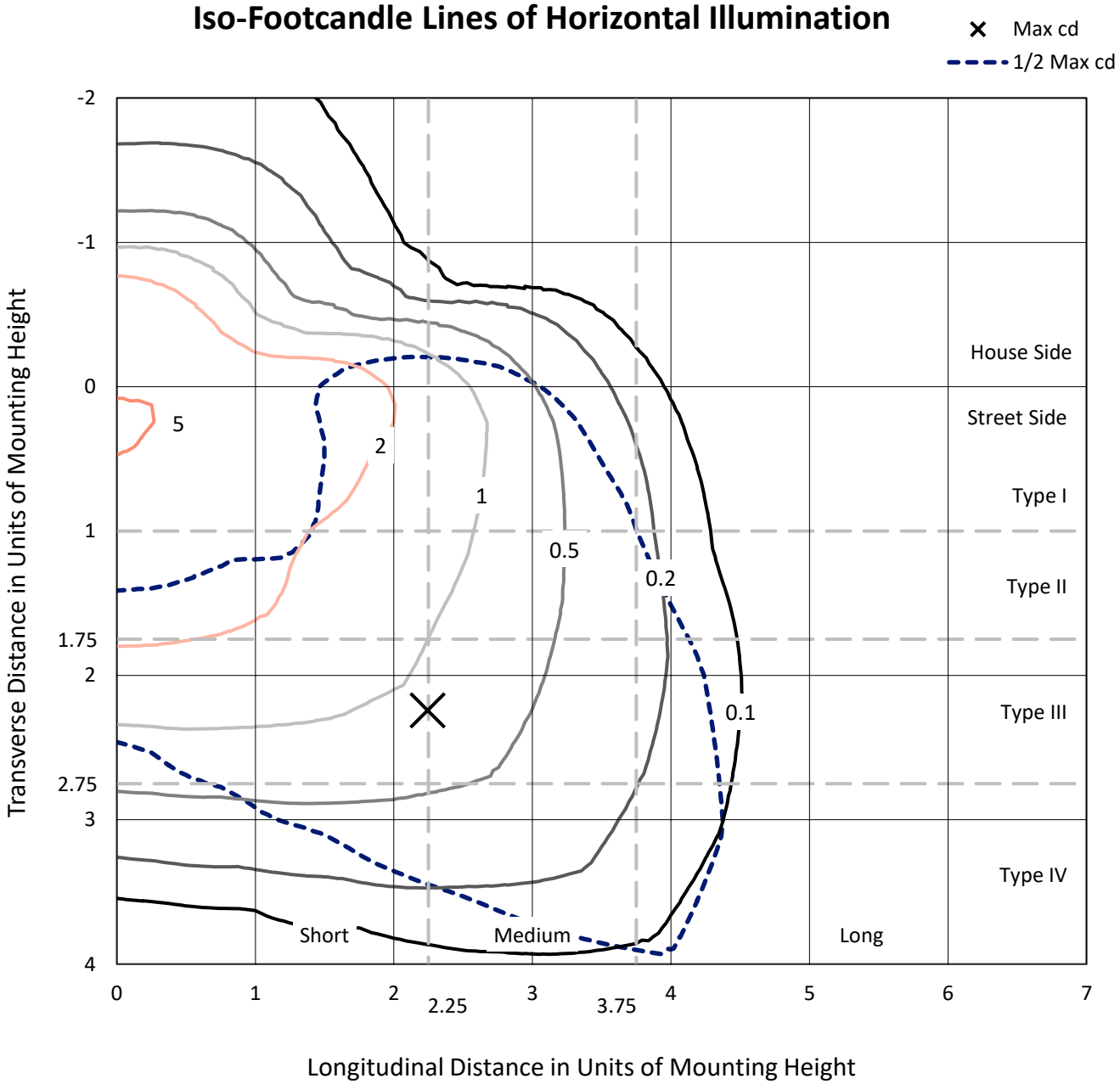


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Iso-Footcandle Lines of Horizontal Illumination



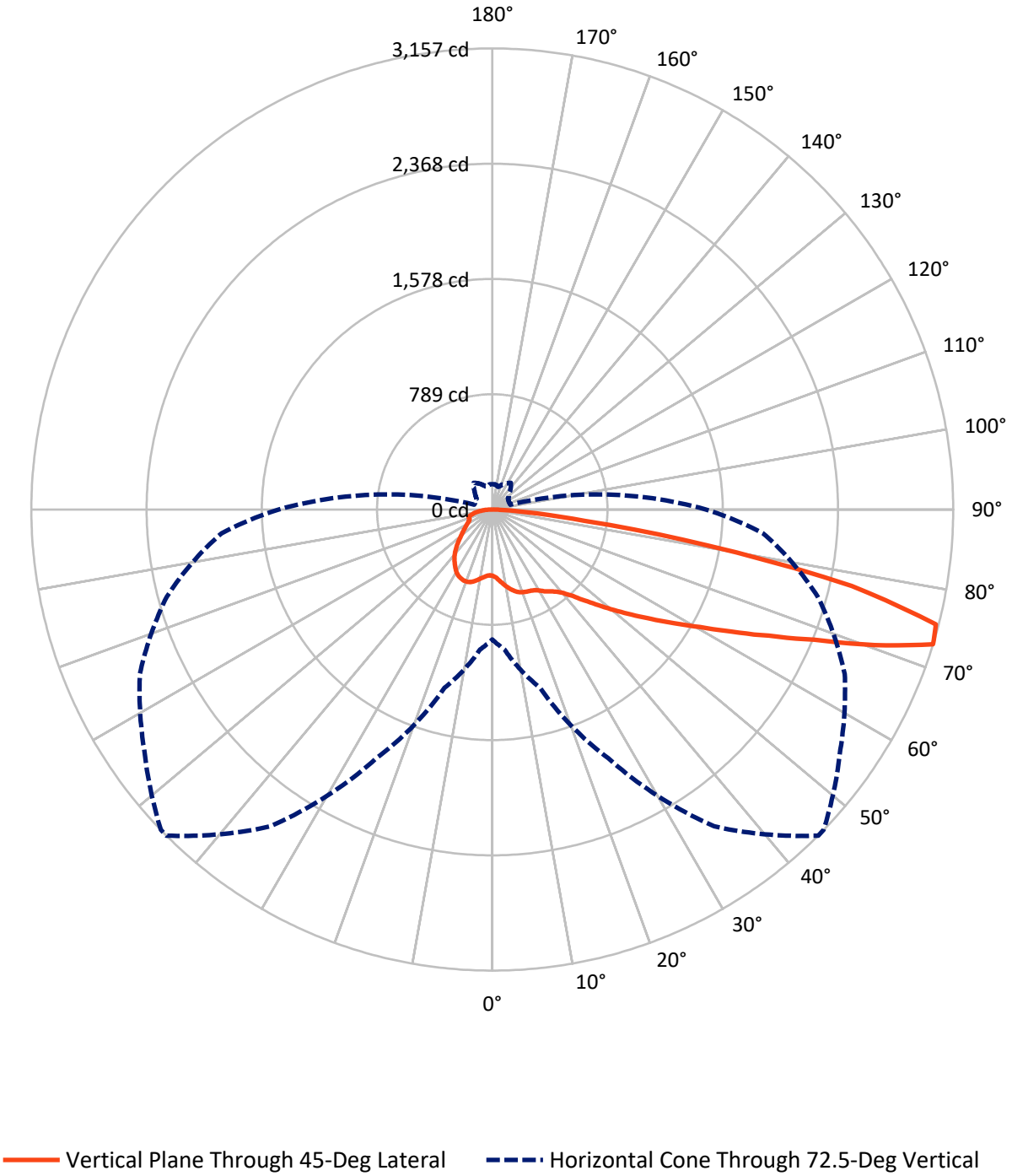
Based on 10 foot mounting height. Maximum calculated value = 5.6 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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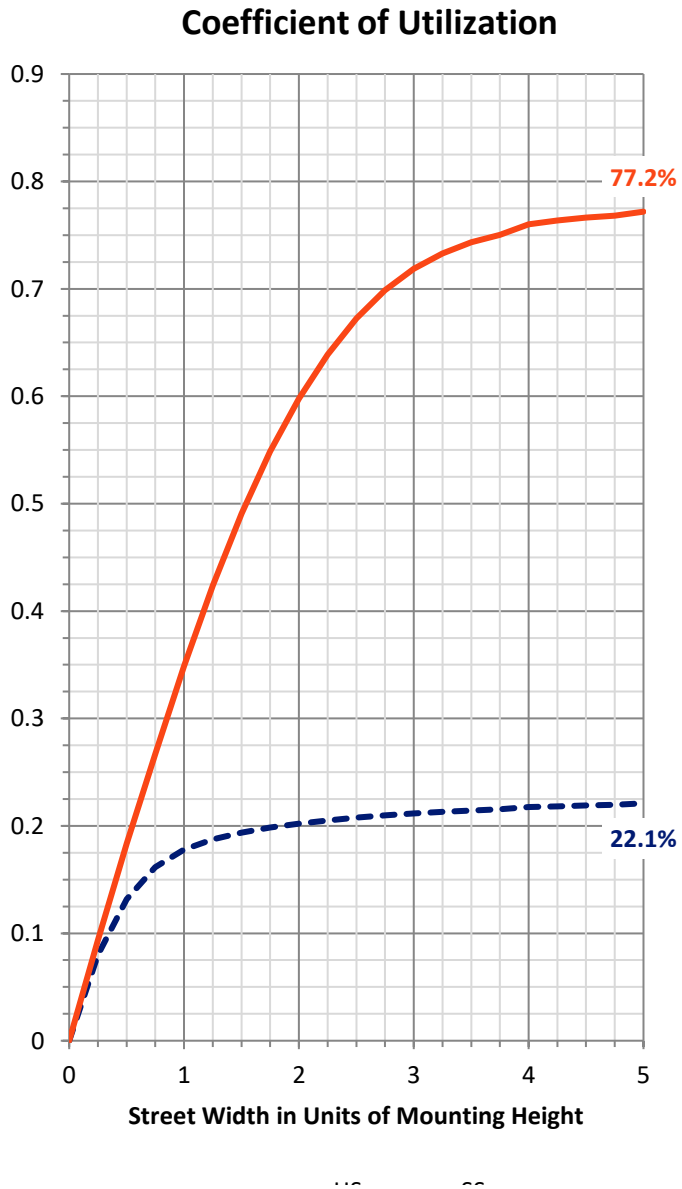
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1017.3	0.0	1017.3
	% Fixture	22.6	0.0	22.6
Street Side	Lumens	3482.7	0.0	3482.7
	% Fixture	77.4	0.0	77.4
Total	Lumens	4500.0	0.0	4500.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.2	1.0
10°-20°	154.1	3.4
20°-30°	268.0	6.0
30°-40°	384.2	8.5
40°-50°	540.9	12.0
50°-60°	828.5	18.4
60°-70°	1200.3	26.7
70°-80°	958.5	21.3
80°-90°	119.4	2.7
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°	4500.0	100.0
0°-180°	4500.0	100.0



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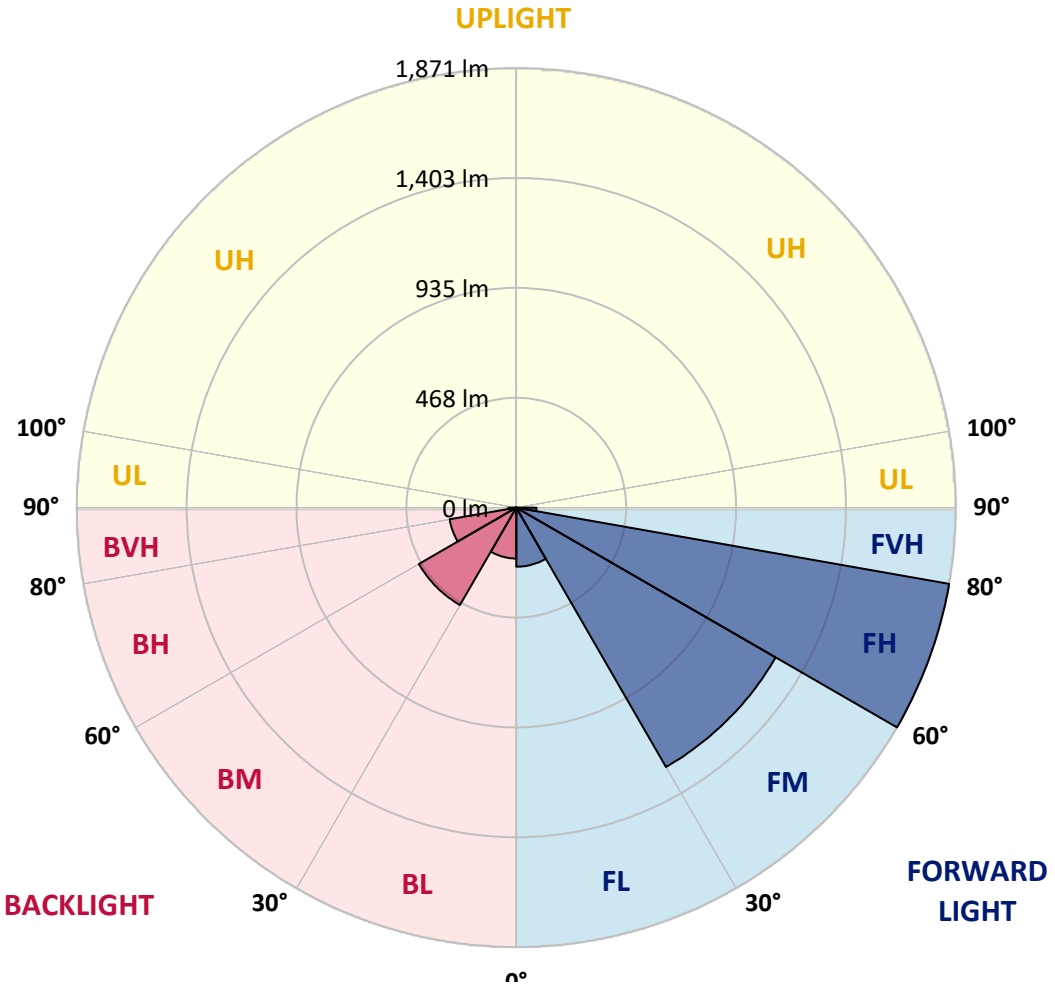
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	251.6	5.6			
FM	(30°-60°)	1274.6	28.3			
FH	(60°-80°)	1870.8	41.6			G2/5000
FVH	(80°-90°)	85.6	1.9			G1/100
BL	(0°-30°)	216.6	4.8	B1/500		
BM	(30°-60°)	479.0	10.6	B1/1000		
BH	(60°-80°)	288.0	6.4	B1/500		G1/500
BVH	(80°-90°)	33.7	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	454.0	454.0	454.0	454.0	454.0	454.0	454.0	454.0	454.0	454.0	454.0
2.5°	471.7	474.8	472.0	469.4	468.2	465.1	464.9	463.0	461.8	458.5	457.5
5°	504.7	508.7	504.0	498.8	494.0	486.4	485.5	480.0	473.9	466.8	462.7
7.5°	541.9	545.5	540.0	532.2	523.9	511.3	511.1	501.1	491.4	479.3	472.5
10°	574.4	579.1	571.8	561.1	550.7	536.5	534.8	523.4	511.1	495.4	485.0
12.5°	603.1	606.4	599.3	586.2	574.1	559.9	557.8	545.2	531.5	513.7	500.4
15°	625.8	630.1	620.6	606.6	593.8	579.8	577.9	566.6	552.8	534.1	517.0
17.5°	640.8	644.3	634.6	619.0	606.6	595.0	593.6	584.1	572.0	553.1	534.8
20°	646.5	650.2	640.1	624.2	612.8	603.8	603.1	596.2	587.9	570.6	552.1
22.5°	652.1	655.7	642.4	625.8	615.9	610.2	609.9	605.4	602.1	587.9	569.9
25°	675.1	676.1	658.3	634.4	620.1	615.2	614.9	614.7	616.1	605.0	589.1
27.5°	695.0	694.8	679.6	657.1	635.1	624.6	624.4	626.8	631.3	622.0	609.0
30°	724.2	721.6	703.6	680.1	660.0	643.8	642.4	640.3	643.8	636.5	628.9
32.5°	786.1	777.8	748.6	706.9	680.6	668.3	666.4	653.1	654.5	650.0	646.2
35°	874.7	863.8	825.0	757.6	706.2	688.6	687.7	670.9	668.0	664.0	665.4
37.5°	980.2	966.7	921.4	831.1	750.3	712.4	710.9	695.8	684.1	679.9	687.9
40°	1086.2	1069.1	1031.7	920.7	815.2	751.9	747.4	724.4	711.2	704.1	721.1
42.5°	1189.1	1174.8	1142.8	1021.2	895.4	809.8	799.8	760.5	750.5	743.9	774.7
45°	1280.1	1267.3	1243.8	1128.6	989.2	888.5	878.8	814.5	811.4	811.4	856.0
47.5°	1354.1	1351.2	1326.3	1238.1	1099.9	978.1	961.3	889.7	898.0	910.8	971.5
50°	1436.1	1428.3	1401.7	1346.0	1230.1	1080.7	1067.0	981.9	1012.9	1048.0	1138.3
52.5°	1511.5	1515.7	1486.1	1458.4	1377.1	1195.2	1171.1	1090.7	1157.8	1215.9	1333.9
55°	1589.0	1589.2	1580.9	1577.1	1531.1	1321.8	1295.3	1221.6	1328.2	1400.3	1562.0
57.5°	1661.8	1662.2	1674.6	1708.0	1709.9	1467.9	1437.7	1382.3	1517.6	1591.1	1797.1
60°	1726.7	1730.0	1763.7	1841.9	1867.1	1635.2	1606.8	1572.2	1713.4	1787.4	2044.4
62.5°	1748.5	1760.6	1835.5	1946.7	2022.3	1840.5	1812.5	1791.9	1919.2	1988.0	2251.1
65°	1711.5	1739.3	1884.1	2033.2	2182.1	2084.4	2056.7	2034.2	2133.0	2197.7	2420.8
67.5°	1620.8	1656.5	1881.3	2124.0	2376.0	2377.9	2352.1	2299.2	2362.3	2387.2	2476.1
70°	1381.6	1435.1	1715.6	2157.9	2598.6	2779.2	2754.4	2618.3	2591.0	2470.6	2320.5
72.5°	890.1	962.2	1263.3	1878.9	2648.2	3156.9	3155.5	2906.3	2663.3	2308.5	1861.1
75°	324.8	368.9	587.0	1179.4	2222.9	3137.7	3146.9	2857.0	2431.2	1783.1	1159.4
77.5°	118.3	129.4	191.5	453.3	1367.1	2517.5	2536.7	2284.0	1730.5	894.9	459.4
80°	62.1	68.3	98.1	175.9	585.8	1495.1	1525.2	1357.4	813.3	269.5	137.7
82.5°	34.4	37.2	55.0	95.5	263.8	639.3	657.4	536.2	286.1	114.3	56.9
85°	18.5	19.7	25.8	52.2	129.0	221.6	226.6	160.2	114.0	67.1	27.5
87.5°	5.5	6.6	8.5	16.6	50.5	49.8	51.0	31.8	45.0	33.9	9.0
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	454.0	454.0	454.0	454.0	454.0	454.0	454.0	454.0	454.0	454.0	454.0
2.5°	456.1	455.4	452.8	451.6	450.2	449.9	451.1	451.4	451.6	451.8	452.8
5°	460.4	458.0	455.6	454.2	454.7	454.9	457.3	458.9	460.1	461.1	461.5
7.5°	468.7	466.8	462.7	462.5	463.2	465.3	468.4	472.2	474.3	476.0	476.5
10°	481.0	477.4	472.7	473.4	474.8	477.9	484.3	487.4	490.9	494.0	493.3
12.5°	493.6	490.5	485.0	485.5	487.9	493.3	499.5	503.3	505.6	508.0	509.0
15°	509.9	504.5	498.5	498.5	502.8	508.7	511.6	514.6	516.1	518.7	519.6
17.5°	526.7	519.6	511.8	511.3	516.5	519.4	521.0	521.5	522.0	524.8	525.8
20°	543.6	535.7	524.6	523.7	524.8	524.4	524.1	523.7	524.4	527.9	529.3
22.5°	560.2	551.2	535.7	531.5	528.2	523.7	523.4	523.2	523.7	527.2	529.6
25°	579.6	568.7	548.1	535.3	524.1	518.0	518.7	518.9	519.4	522.2	526.0
27.5°	600.7	588.6	559.5	534.1	513.9	509.7	508.5	509.2	510.9	515.4	519.9
30°	621.8	607.6	569.9	529.3	501.1	495.2	491.4	493.1	498.3	502.8	507.8
32.5°	641.0	626.8	578.2	518.9	484.8	475.5	470.6	472.7	477.9	479.6	485.5
35°	663.5	647.4	581.7	502.3	467.0	452.8	446.1	443.1	445.7	444.0	449.2
37.5°	688.6	671.8	581.3	480.5	446.1	429.8	420.5	408.9	403.5	397.8	401.3
40°	725.9	701.7	575.6	454.2	420.3	405.4	388.8	369.1	356.8	345.6	346.3
42.5°	776.6	743.2	565.1	425.3	391.1	377.2	354.6	331.6	312.2	293.7	292.1
45°	852.2	797.5	552.1	394.5	359.6	345.9	321.4	295.6	273.6	249.9	247.0
47.5°	961.3	870.5	539.8	359.4	326.4	313.9	291.8	267.9	241.8	218.8	216.2
50°	1111.1	975.2	528.4	325.2	293.7	284.2	266.7	242.3	216.0	197.5	196.3
52.5°	1301.7	1117.7	523.7	292.3	263.1	259.6	245.6	222.8	197.9	182.3	181.1
55°	1520.5	1288.2	523.7	260.8	236.3	237.5	227.8	206.7	185.1	171.2	169.7
57.5°	1743.8	1460.7	514.2	231.6	213.6	218.6	212.4	193.9	174.5	160.0	157.6
60°	1949.5	1605.3	475.8	205.1	193.4	201.3	197.2	181.3	157.6	145.6	143.7
62.5°	2107.7	1686.9	401.8	184.0	176.8	185.9	183.7	164.8	154.6	149.6	147.9
65°	2186.8	1673.6	307.2	165.2	162.9	176.8	172.3	171.6	163.6	157.9	156.0
67.5°	2138.2	1559.4	222.8	151.5	154.8	168.5	185.9	188.7	173.8	162.6	160.7
70°	1925.1	1352.6	165.9	138.4	144.6	168.8	211.9	197.5	170.4	157.4	155.3
72.5°	*1464.5*	*1008.7*	*128.7*	*124.7*	*131.3*	*170.0*	*223.5*	*193.4*	*161.0*	*174.0*	*172.6*
75°	837.5	553.8	103.4	107.9	114.7	158.8	217.6	183.0	153.6	159.8	159.8
77.5°	319.3	212.9	85.3	91.3	92.2	138.7	208.1	182.3	146.3	142.7	130.1
80°	110.7	83.2	70.6	72.5	71.4	123.3	199.6	158.6	119.7	107.1	103.6
82.5°	45.3	41.5	55.9	53.6	50.7	95.8	161.2	129.7	97.9	86.5	85.6
85°	19.7	26.3	37.0	32.5	29.4	66.4	129.2	109.8	82.7	71.4	71.1
87.5°	4.0	10.0	15.6	14.7	15.2	44.3	91.7	78.0	58.6	43.9	34.4
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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SS

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(END OF REPORT)