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: P1201968

Luminaire Tested: GWC-SB1C-827-U-SL4-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201968
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-827-U-SL4-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4570 lumens
Efficiency:	N/A
Efficacy:	84.0 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):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

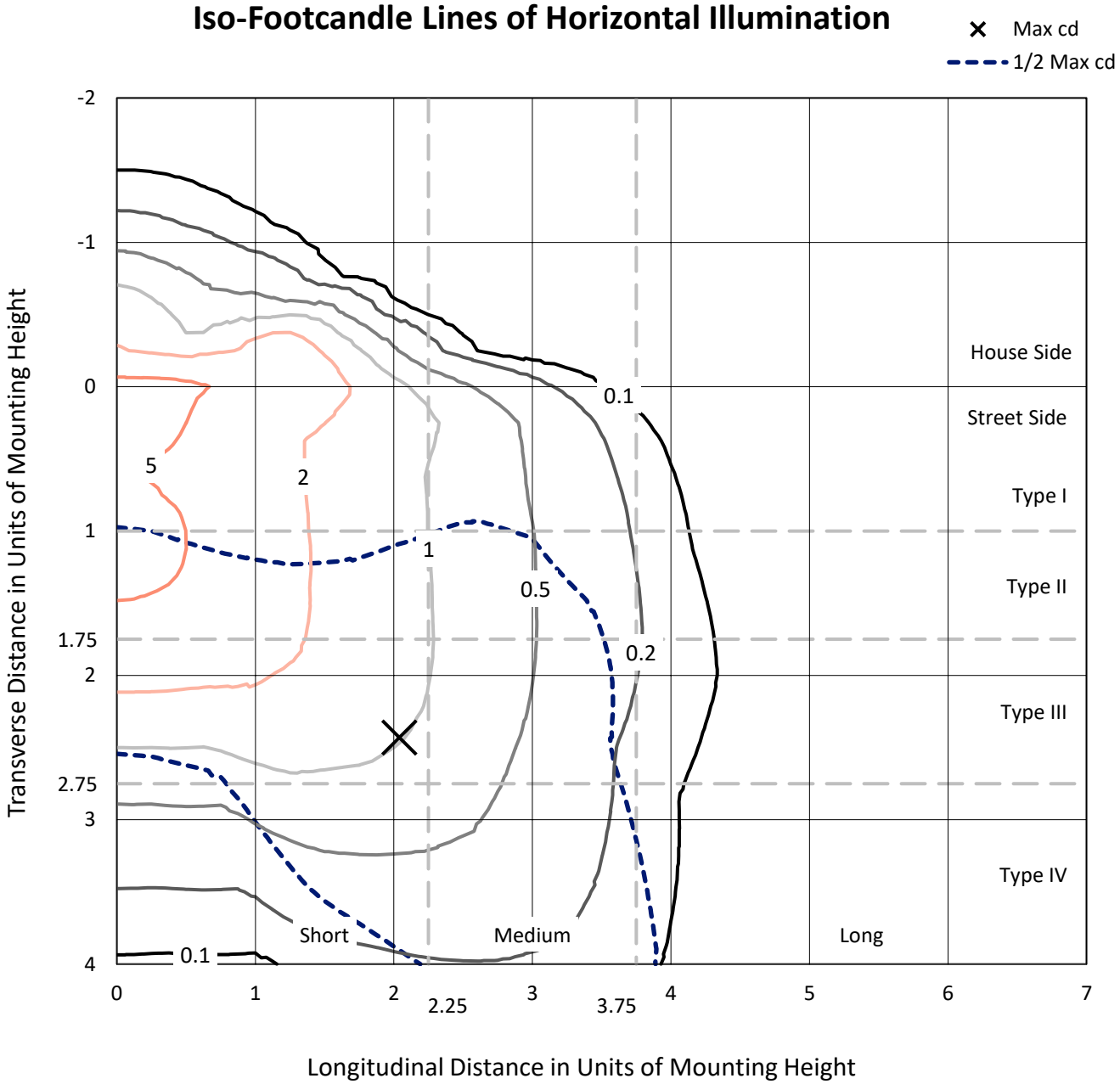


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Iso-Footcandle Lines of Horizontal Illumination



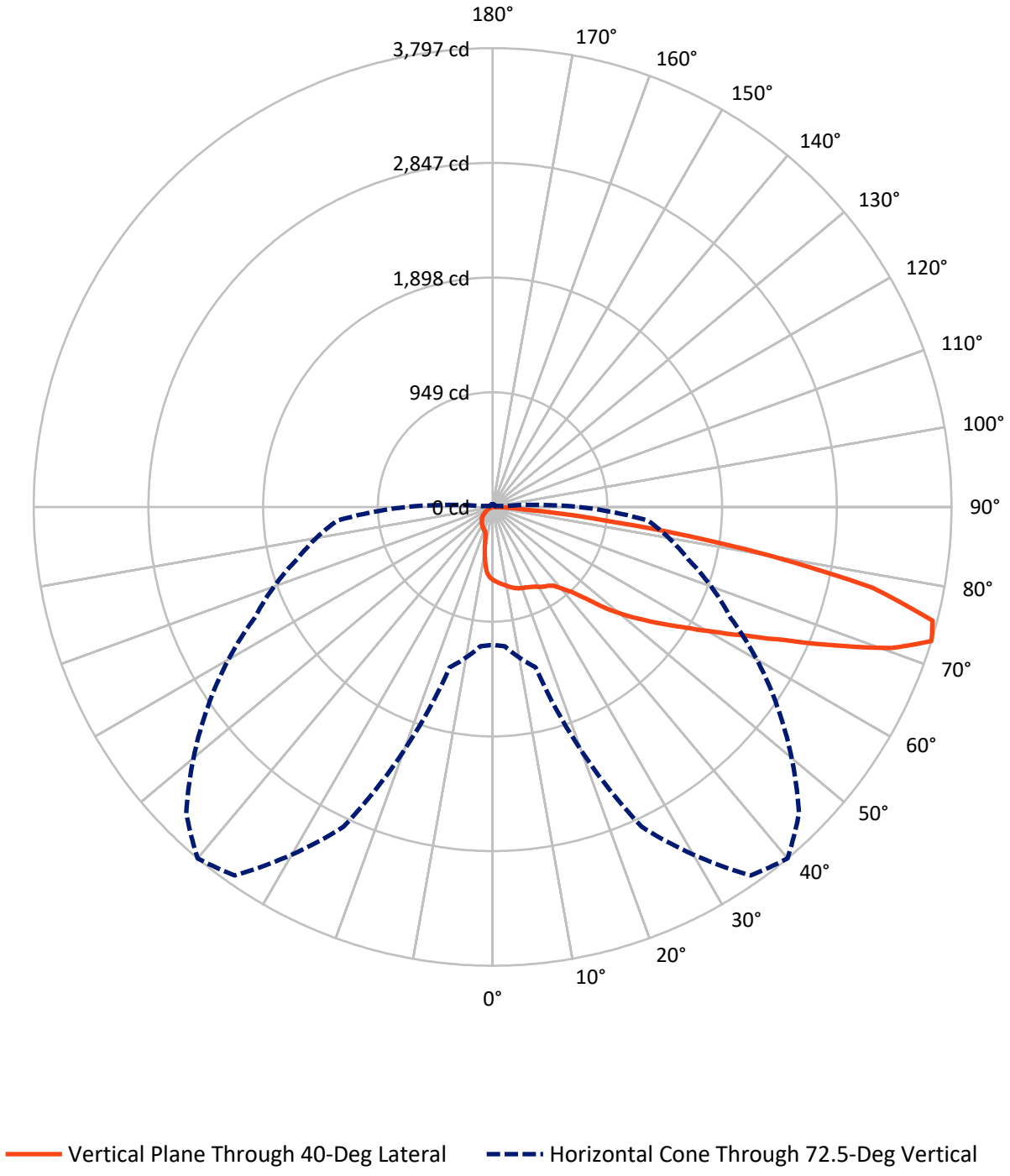
Based on 10 foot mounting height. Maximum calculated value = 7 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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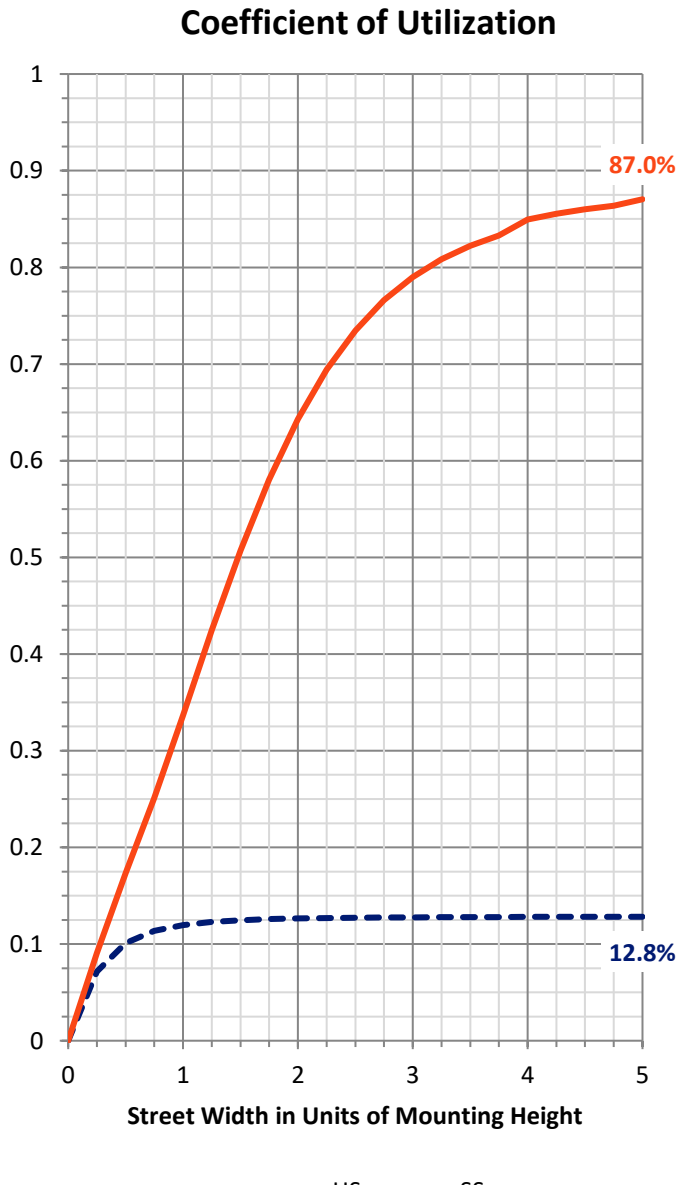
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	590.2	0.0	590.2
	% Fixture	12.9	0.0	12.9
Street Side	Lumens	3979.8	0.0	3979.8
	% Fixture	87.1	0.0	87.1
Total	Lumens	4570.0	0.0	4570.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.3	1.2
10°-20°	150.1	3.3
20°-30°	242.8	5.3
30°-40°	358.5	7.8
40°-50°	603.4	13.2
50°-60°	936.9	20.5
60°-70°	1172.3	25.7
70°-80°	959.8	21.0
80°-90°	91.0	2.0
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°	4570.0	100.0
0°-180°	4570.0	100.0



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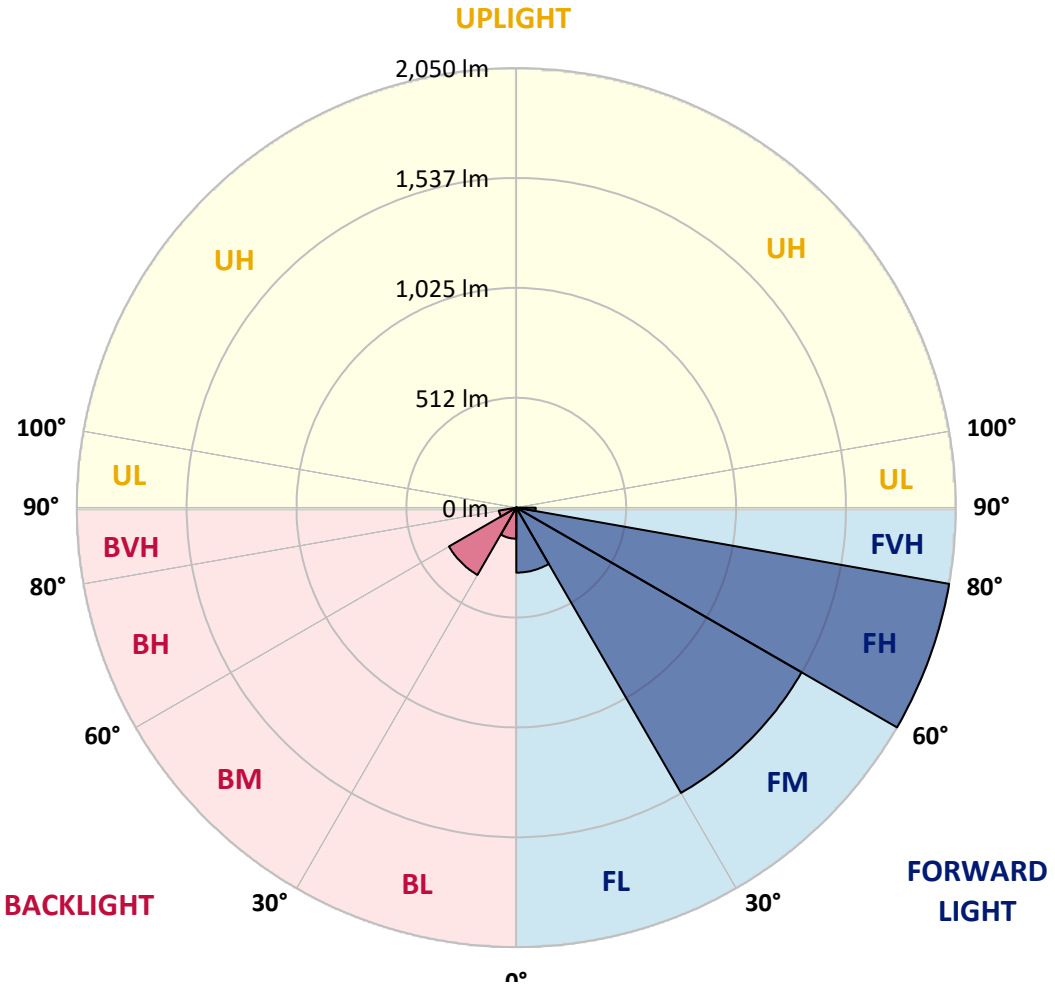
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	303.3	6.6			
FM	(30°-60°)	1536.4	33.6			
FH	(60°-80°)	2049.9	44.9			G2/5000
FVH	(80°-90°)	90.3	2.0			G1/100
BL	(0°-30°)	144.9	3.2	B1/500		
BM	(30°-60°)	362.4	7.9	B1/1000		
BH	(60°-80°)	82.2	1.8	B0/110		G0/110
BVH	(80°-90°)	0.7	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	605.1	605.1	605.1	605.1	605.1	*605.1*	605.1	605.1	605.1	605.1	605.1
2.5°	623.3	625.8	624.4	621.6	620.9	*619.6*	617.8	617.2	614.7	612.7	610.3
5°	640.9	643.3	641.6	637.8	636.1	*634.4*	632.0	629.9	625.1	620.6	615.1
7.5°	660.2	662.2	660.2	654.7	651.9	*649.9*	646.4	643.3	637.8	631.3	624.4
10°	681.5	683.2	680.1	672.9	668.4	*665.3*	662.2	658.8	653.6	646.4	638.1
12.5°	701.5	703.5	698.7	690.1	685.0	*681.9*	678.4	675.7	670.5	663.6	655.0
15°	719.7	722.8	714.6	705.3	699.4	*697.0*	693.6	691.8	688.4	683.6	675.7
17.5°	733.5	735.6	727.0	715.9	709.4	*707.7*	705.3	706.3	705.6	703.2	698.0
20°	745.2	746.6	735.2	721.8	714.6	*714.9*	714.2	717.7	719.0	719.0	718.7
22.5°	759.7	760.0	745.5	728.7	720.1	*722.5*	723.5	727.3	730.0	732.8	739.0
25°	778.6	777.9	760.7	737.6	730.0	*733.5*	735.9	737.3	740.4	744.9	759.0
27.5°	806.8	804.7	782.7	752.1	743.1	*746.2*	750.7	750.0	748.6	752.1	775.8
30°	842.6	839.9	810.6	772.4	764.1	*766.9*	768.3	762.1	752.1	755.2	790.6
32.5°	899.4	894.6	854.0	795.1	782.4	*785.5*	783.7	771.0	756.2	759.3	805.4
35°	998.2	986.5	929.0	842.6	803.0	*799.6*	795.4	783.1	764.8	761.7	817.8
37.5°	1208.1	1187.5	1089.4	935.2	849.8	*827.5*	814.7	802.3	774.1	761.7	831.9
40°	1445.0	1424.0	1310.7	1090.1	927.6	*889.8*	859.5	825.0	783.7	766.2	854.0
42.5°	1692.1	1669.0	1552.7	1282.1	1038.8	*961.0*	904.6	843.3	799.6	780.0	883.2
45°	1968.1	1939.2	1787.1	1482.5	1200.2	*1079.4*	977.2	880.8	827.1	804.4	923.1
47.5°	2259.3	2221.8	2020.8	1676.9	1374.0	*1243.3*	1110.0	947.9	867.7	840.9	977.2
50°	2517.5	2480.3	2262.1	1880.4	1536.5	*1399.2*	1261.5	1040.9	928.7	892.5	1049.8
52.5°	2703.0	2674.8	2481.7	2090.3	1705.5	*1545.5*	1398.8	1148.9	1005.8	958.6	1135.5
55°	2827.3	2801.5	2637.3	2289.3	1902.1	*1706.5*	1534.1	1266.3	1098.7	1037.8	1230.2
57.5°	2902.6	2887.8	2749.8	2466.9	2096.9	*1882.8*	1689.0	1395.4	1208.1	1131.0	1335.8
60°	2929.5	2917.4	2819.7	2636.2	2332.3	*2094.5*	1871.1	1541.0	1341.0	1237.1	1444.3
62.5°	2857.9	2860.3	2869.9	2836.9	2580.5	*2342.3*	2089.3	1715.8	1488.3	1357.2	1546.2
65°	2520.9	2540.9	2724.0	3059.3	2909.2	*2652.8*	2367.1	1929.2	1657.0	1493.8	1627.0
67.5°	2087.2	2116.1	2344.0	3189.4	3259.6	*3055.8*	2754.0	2201.2	1858.0	1632.9	1657.7
70°	1597.8	1628.8	1904.8	3162.2	3587.6	*3496.4*	3232.4	2547.1	2066.2	1729.3	1579.5
72.5°	*1140.3*	*1156.2*	*1373.7*	*2920.2*	*3722.2*	*3796.5*	*3584.9*	*2874.8*	*2172.6*	*1675.9*	*1288.3*
75°	801.3	798.5	942.8	2351.6	3512.6	*3760.0*	3461.3	2697.5	1966.1	1331.4	794.4
77.5°	349.0	349.7	470.9	1428.1	2803.5	*3211.4*	2877.2	1689.7	1370.6	705.6	335.3
80°	90.5	93.3	172.8	568.6	1688.0	*2119.6*	1754.7	742.8	633.3	172.1	64.0
82.5°	32.0	34.1	79.5	178.6	622.7	*972.0*	781.3	237.5	165.2	49.2	17.2
85°	9.3	11.0	42.7	54.7	128.7	*274.7*	189.7	46.1	40.6	25.5	4.5
87.5°	0.0	1.4	8.6	7.6	7.6	*5.2*	9.6	5.2	6.5	3.1	1.4
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	605.1	605.1	605.1	605.1	605.1	605.1	605.1	605.1	605.1	605.1	605.1
2.5°	608.2	605.8	600.6	595.1	590.0	585.1	583.8	578.6	576.2	576.5	576.2
5°	611.3	606.8	596.8	584.8	572.4	558.3	546.6	530.1	516.0	514.2	513.2
7.5°	619.6	612.3	596.2	572.8	541.8	502.9	466.7	430.9	410.6	399.6	398.9
10°	632.3	622.7	597.9	553.1	487.4	417.9	363.1	318.0	295.0	284.3	282.2
12.5°	647.4	636.8	600.6	519.7	417.2	326.0	266.8	239.2	234.4	233.7	233.4
15°	668.8	657.1	603.7	474.7	341.1	248.2	221.0	221.3	225.1	227.2	226.8
17.5°	692.5	680.8	599.3	419.6	266.1	212.0	211.3	214.4	219.9	222.0	221.7
20°	716.6	705.6	583.4	354.9	215.1	202.0	204.8	208.2	213.7	216.5	216.5
22.5°	741.4	731.8	558.3	286.0	194.1	194.8	198.3	201.7	207.9	211.0	211.0
25°	767.9	759.7	524.9	229.2	185.2	187.2	191.7	195.9	202.4	206.2	206.2
27.5°	794.8	788.6	487.0	191.4	176.9	179.3	184.5	190.0	196.5	201.0	201.4
30°	824.0	820.6	456.8	177.3	169.0	171.1	176.9	183.1	190.3	195.9	196.5
32.5°	854.0	853.3	442.0	187.6	161.8	163.2	168.3	174.5	183.5	190.3	191.0
35°	883.6	884.9	433.3	216.8	159.4	155.6	159.0	164.5	175.2	183.8	185.2
37.5°	921.4	924.9	433.0	248.5	165.2	148.0	150.4	154.2	163.5	173.5	175.2
40°	977.9	996.1	455.0	275.7	175.5	141.1	141.8	142.5	147.3	155.6	158.3
42.5°	1052.9	1106.3	534.5	294.3	179.7	134.9	132.5	128.7	128.0	132.5	134.9
45°	1146.2	1239.5	674.3	304.6	175.5	128.0	121.5	111.5	107.7	110.8	110.8
47.5°	1256.0	1385.4	839.9	307.0	168.7	119.4	107.7	94.7	91.6	92.6	92.2
50°	1363.0	1494.9	985.4	287.1	157.3	108.4	92.6	81.6	79.5	79.9	79.9
52.5°	1457.7	1532.4	1026.8	239.9	142.2	95.0	79.5	71.9	70.6	70.6	70.2
55°	1520.3	1491.8	915.6	183.5	123.2	81.2	68.2	64.4	63.7	63.3	62.6
57.5°	1533.4	1359.6	691.5	132.5	96.4	68.5	60.6	58.5	57.1	55.8	55.1
60°	1486.6	1139.3	440.2	92.6	72.3	58.5	53.7	52.3	49.6	46.8	45.8
62.5°	1385.4	860.5	243.7	64.4	58.2	49.9	47.5	45.8	40.6	36.1	34.8
65°	1249.4	572.1	107.7	50.3	47.5	42.0	40.6	38.2	32.0	26.8	25.8
67.5°	1112.8	329.4	48.5	40.3	38.2	34.4	33.4	31.7	27.2	22.4	21.7
70°	956.9	166.9	33.4	32.0	29.6	26.2	27.2	26.8	22.4	18.2	17.6
72.5°	*712.5*	*83.0*	*25.1*	*24.1*	*21.3*	*18.6*	*22.4*	*22.0*	*17.6*	*13.8*	*13.1*
75°	403.4	41.0	18.2	16.9	12.7	13.8	17.9	16.9	12.0	8.9	8.3
77.5°	160.1	21.0	12.0	10.3	7.6	9.3	13.1	11.4	6.2	3.8	3.4
80°	36.8	10.3	6.2	4.5	3.4	5.5	6.9	4.1	1.7	0.3	0.0
82.5°	10.3	4.5	2.1	1.7	1.7	2.1	1.7	0.7	0.0	0.0	0.0
85°	3.4	2.1	0.7	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0
87.5°	1.4	0.7	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)