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: P1201132

Luminaire Tested: GWC-SB1A-735-U-SL4-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201132
	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-SB1A-735-U-SL4-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 350mA 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:	3148 lumens
Efficiency:	N/A
Efficacy:	101.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G1

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

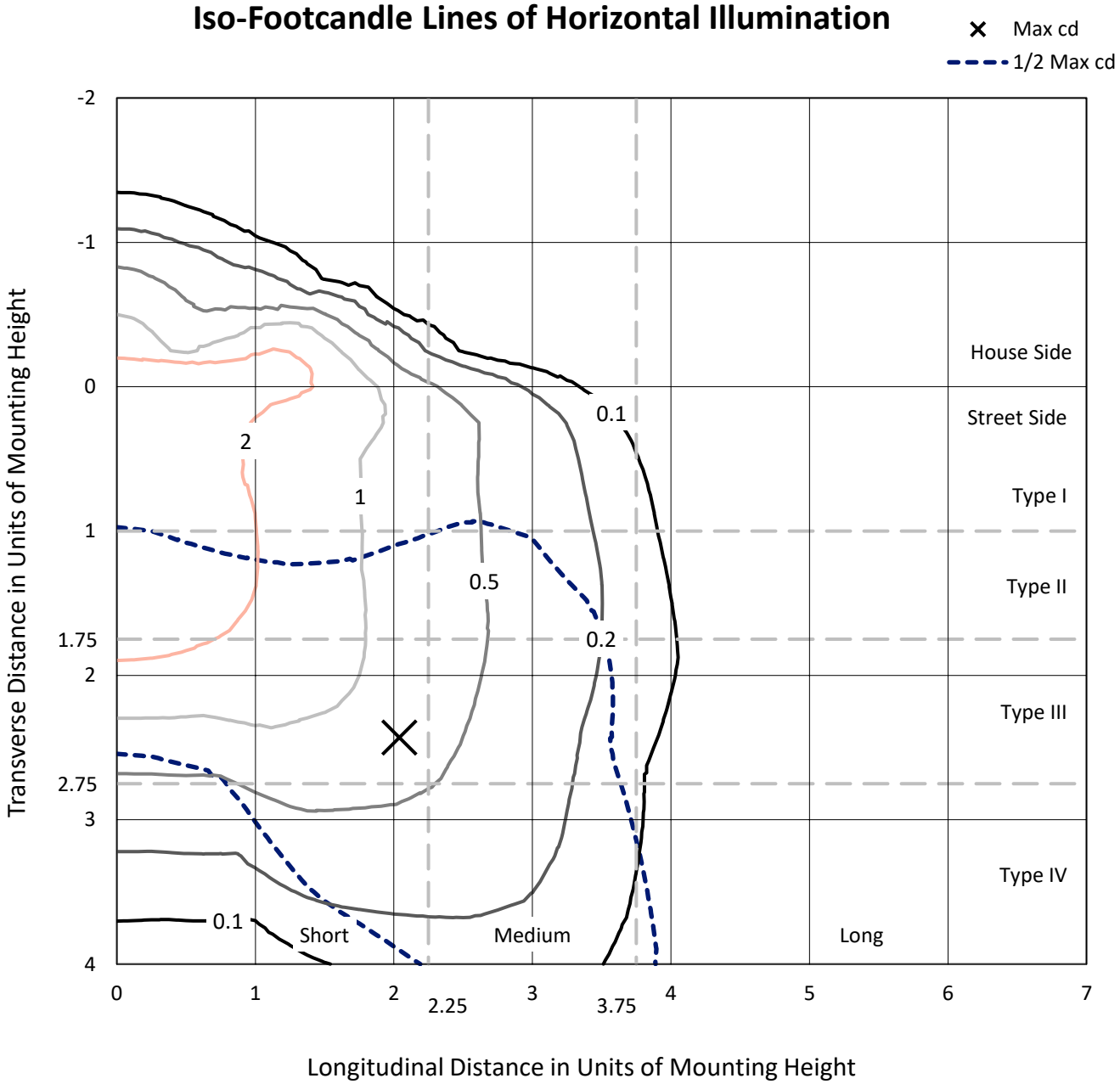


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Iso-Footcandle Lines of Horizontal Illumination



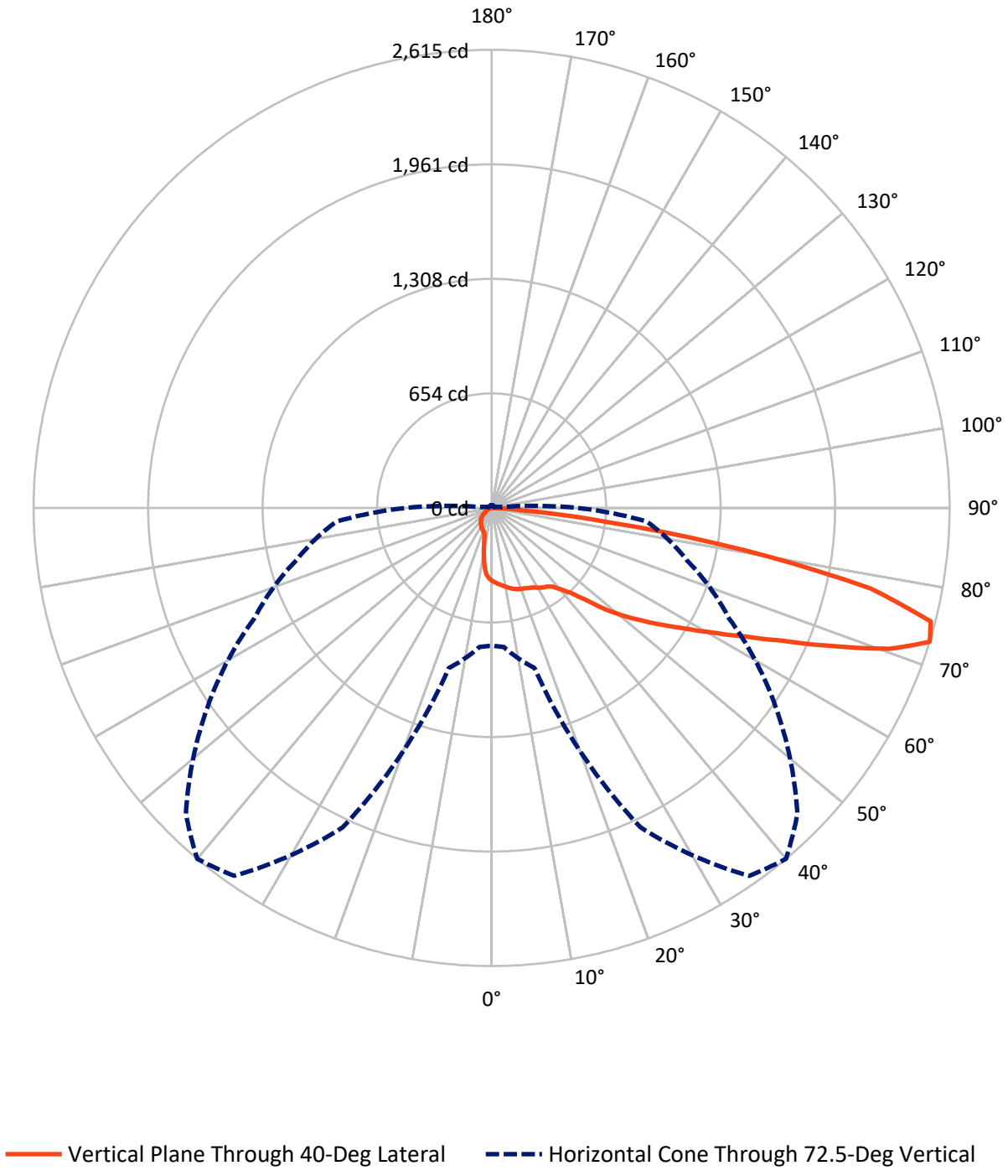
Based on 10 foot mounting height. Maximum calculated value = 4.8 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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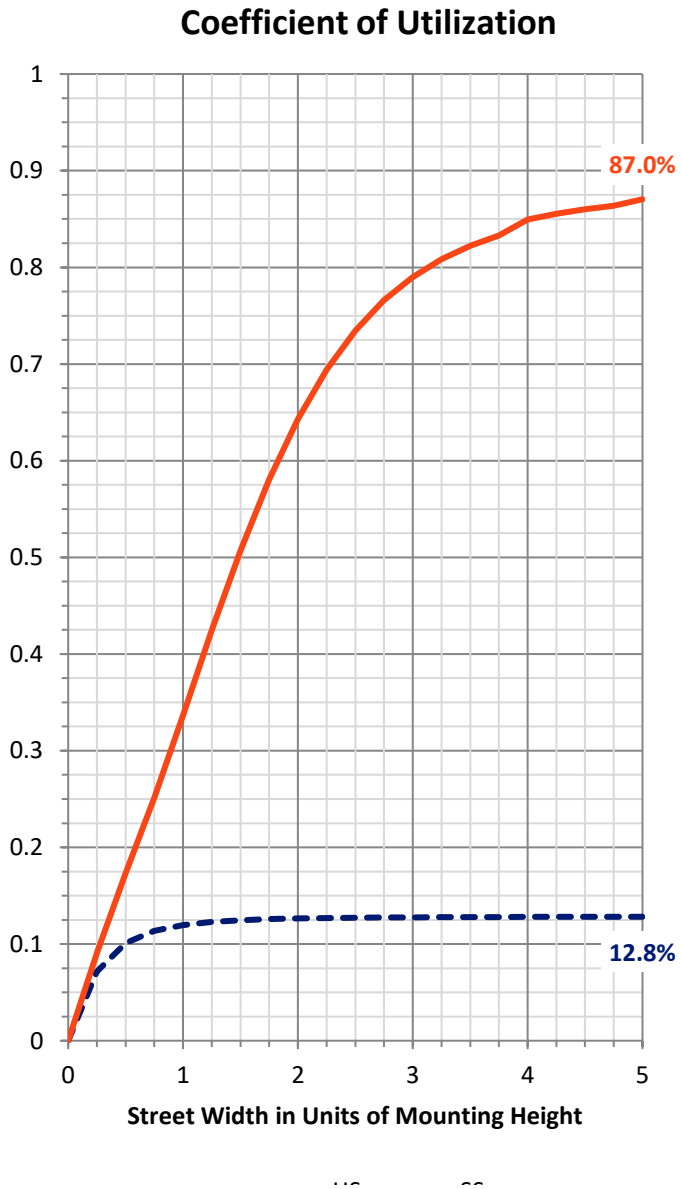
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	406.5	0.0	406.5
	% Fixture	12.9	0.0	12.9
Street Side	Lumens	2741.5	0.0	2741.5
	% Fixture	87.1	0.0	87.1
Total	Lumens	3148.0	0.0	3148.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.1	1.2
10°-20°	103.4	3.3
20°-30°	167.3	5.3
30°-40°	247.0	7.8
40°-50°	415.6	13.2
50°-60°	645.4	20.5
60°-70°	807.5	25.7
70°-80°	661.1	21.0
80°-90°	62.7	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°	3148.0	100.0
0°-180°	3148.0	100.0



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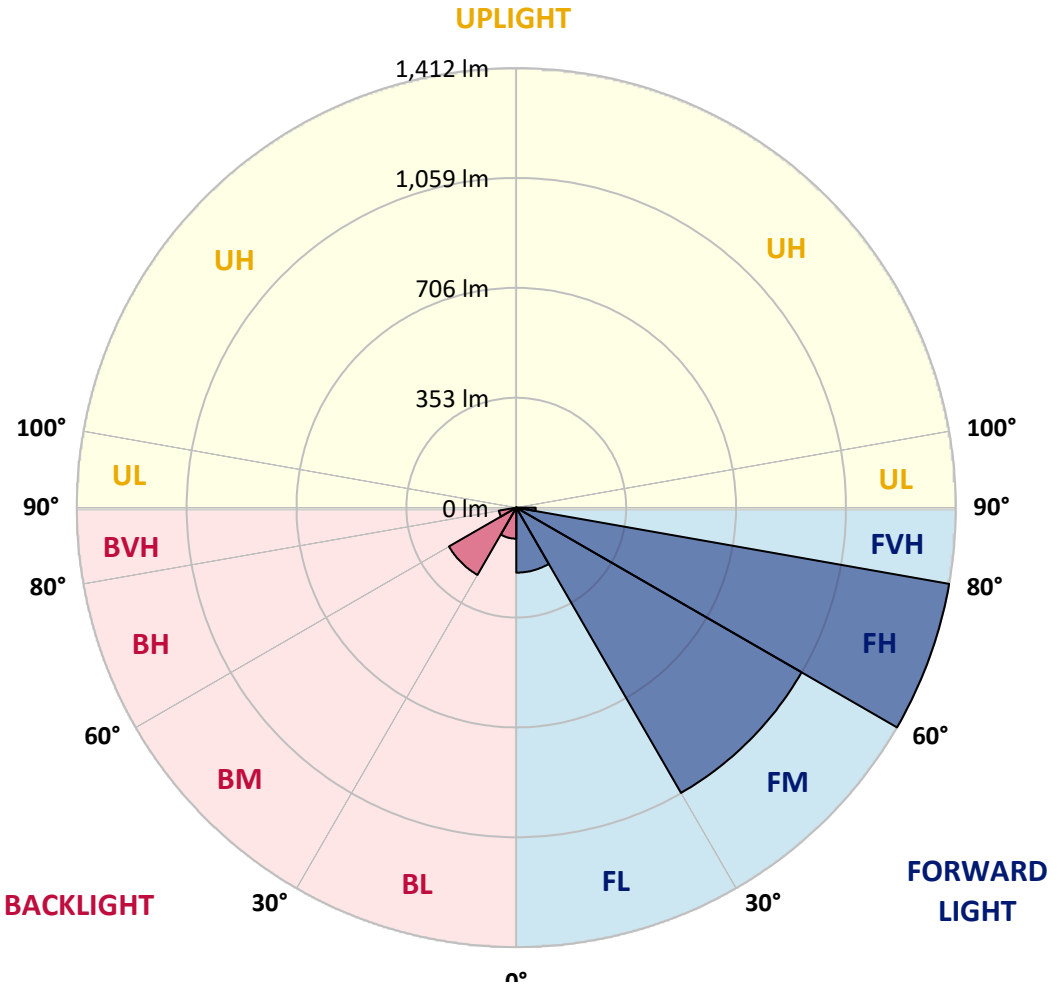
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	208.9	6.6			
FM	(30°-60°)	1058.3	33.6			
FH	(60°-80°)	1412.0	44.9			G1/1800
FVH	(80°-90°)	62.2	2.0			G1/100
BL	(0°-30°)	99.8	3.2	B0/110		
BM	(30°-60°)	249.6	7.9	B1/1000		
BH	(60°-80°)	56.6	1.8	B0/110		G0/110
BVH	(80°-90°)	0.5	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-G1
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	416.8	416.8	416.8	416.8	416.8	*416.8*	416.8	416.8	416.8	416.8	416.8
2.5°	429.4	431.0	430.1	428.2	427.7	*426.8*	425.6	425.1	423.5	422.0	420.4
5°	441.5	443.1	442.0	439.3	438.2	*437.0*	435.3	433.9	430.6	427.5	423.7
7.5°	454.8	456.2	454.8	451.0	449.1	*447.6*	445.3	443.1	439.3	434.8	430.1
10°	469.5	470.6	468.5	463.5	460.4	*458.3*	456.2	453.8	450.3	445.3	439.6
12.5°	483.2	484.6	481.3	475.4	471.8	*469.7*	467.3	465.4	461.9	457.1	451.2
15°	495.8	497.9	492.2	485.8	481.8	*480.1*	477.8	476.6	474.2	470.9	465.4
17.5°	505.3	506.7	500.8	493.2	488.7	*487.5*	485.8	486.5	486.1	484.4	480.8
20°	513.3	514.3	506.4	497.2	492.2	*492.5*	492.0	494.4	495.3	495.3	495.1
22.5°	523.3	523.5	513.6	501.9	496.0	*497.7*	498.4	501.0	502.9	504.8	509.1
25°	536.3	535.8	524.0	508.1	502.9	*505.3*	506.9	507.9	510.0	513.1	522.8
27.5°	555.8	554.3	539.2	518.1	511.9	*514.0*	517.1	516.6	515.7	518.1	534.4
30°	580.4	578.5	558.4	532.1	526.4	*528.3*	529.2	524.9	518.1	520.2	544.6
32.5°	619.5	616.2	588.2	547.7	538.9	*541.1*	539.9	531.1	520.9	523.0	554.8
35°	687.6	679.5	639.9	580.4	553.2	*550.8*	547.9	539.4	526.8	524.7	563.3
37.5°	832.2	818.0	750.4	644.2	585.4	*570.0*	561.2	552.7	533.2	524.7	573.1
40°	995.3	980.9	902.9	750.9	639.0	*612.9*	592.0	568.3	539.9	527.8	588.2
42.5°	1165.6	1149.7	1069.6	883.2	715.6	*662.0*	623.1	580.9	550.8	537.3	608.4
45°	1355.7	1335.8	1231.0	1021.2	826.8	*743.5*	673.1	606.7	569.7	554.1	635.9
47.5°	1556.3	1530.5	1392.0	1155.1	946.5	*856.4*	764.6	653.0	597.7	579.2	673.1
50°	1734.1	1708.5	1558.2	1295.3	1058.4	*963.8*	869.0	717.0	639.7	614.8	723.2
52.5°	1861.9	1842.5	1709.5	1439.9	1174.8	*1064.6*	963.6	791.4	692.8	660.3	782.2
55°	1947.5	1929.8	1816.7	1576.9	1310.2	*1175.5*	1056.8	872.3	756.8	714.9	847.4
57.5°	1999.5	1989.3	1894.2	1699.3	1444.4	*1296.9*	1163.4	961.2	832.2	779.1	920.2
60°	2018.0	2009.7	1942.3	1815.9	1606.6	*1442.7*	1288.9	1061.5	923.7	852.1	994.9
62.5°	1968.6	1970.3	1976.9	1954.2	1777.5	*1613.5*	1439.2	1181.9	1025.2	934.9	1065.1
65°	1736.5	1750.3	1876.4	2107.3	2004.0	*1827.3*	1630.5	1328.9	1141.4	1029.0	1120.8
67.5°	1437.8	1457.7	1614.6	2197.0	2245.3	*2105.0*	1897.0	1516.3	1279.9	1124.8	1141.9
70°	1100.6	1122.0	1312.1	2178.2	2471.3	*2408.5*	2226.6	1754.5	1423.3	1191.2	1088.0
72.5°	*785.5*	*796.4*	*946.3*	*2011.6*	*2564.0*	*2615.2*	*2469.4*	*1980.3*	*1496.6*	*1154.4*	*887.5*
75°	552.0	550.1	649.4	1619.9	2419.6	*2590.1*	2384.3	1858.1	1354.3	917.1	547.2
77.5°	240.4	240.9	324.4	983.7	1931.2	*2212.1*	1981.9	1163.9	944.1	486.1	230.9
80°	62.4	64.3	119.0	391.7	1162.7	*1460.1*	1208.7	511.7	436.3	118.5	44.1
82.5°	22.1	23.5	54.8	123.1	428.9	*669.6*	538.2	163.6	113.8	33.9	11.9
85°	6.4	7.6	29.4	37.7	88.7	*189.2*	130.6	31.8	28.0	17.5	3.1
87.5°	0.0	0.9	5.9	5.2	5.2	*3.6*	6.6	3.6	4.5	2.1	0.9
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°	416.8	416.8	416.8	416.8	416.8	416.8	416.8	416.8	416.8	416.8	416.8
2.5°	419.0	417.3	413.7	409.9	406.4	403.1	402.1	398.6	396.9	397.1	396.9
5°	421.1	418.0	411.1	402.8	394.3	384.6	376.5	365.1	355.4	354.2	353.5
7.5°	426.8	421.8	410.7	394.5	373.2	346.4	321.5	296.8	282.9	275.3	274.8
10°	435.6	428.9	411.8	381.0	335.7	287.8	250.1	219.1	203.2	195.8	194.4
12.5°	446.0	438.6	413.7	358.0	287.4	224.5	183.8	164.8	161.5	161.0	160.8
15°	460.7	452.6	415.9	327.0	235.0	170.9	152.2	152.5	155.1	156.5	156.2
17.5°	477.0	469.0	412.8	289.0	183.3	146.1	145.6	147.7	151.5	152.9	152.7
20°	493.6	486.1	401.9	244.4	148.2	139.2	141.1	143.4	147.2	149.1	149.1
22.5°	510.7	504.1	384.6	197.0	133.7	134.2	136.6	138.9	143.2	145.3	145.3
25°	529.0	523.3	361.6	157.9	127.6	129.0	132.1	134.9	139.4	142.0	142.0
27.5°	547.5	543.2	335.5	131.8	121.9	123.5	127.1	130.9	135.4	138.5	138.7
30°	567.6	565.2	314.6	122.1	116.4	117.8	121.9	126.1	131.1	134.9	135.4
32.5°	588.2	587.8	304.4	129.2	111.4	112.4	115.9	120.2	126.4	131.1	131.6
35°	608.6	609.6	298.5	149.4	109.8	107.2	109.5	113.3	120.7	126.6	127.6
37.5°	634.7	637.1	298.3	171.2	113.8	102.0	103.6	106.2	112.6	119.5	120.7
40°	673.6	686.2	313.4	189.9	120.9	97.2	97.7	98.2	101.5	107.2	109.1
42.5°	725.3	762.0	368.2	202.7	123.8	92.9	91.3	88.7	88.2	91.3	92.9
45°	789.5	853.8	464.5	209.8	120.9	88.2	83.7	76.8	74.2	76.3	76.3
47.5°	865.2	954.3	578.5	211.5	116.2	82.3	74.2	65.2	63.1	63.8	63.5
50°	938.9	1029.7	678.8	197.7	108.4	74.7	63.8	56.2	54.8	55.0	55.0
52.5°	1004.1	1055.6	707.3	165.3	97.9	65.4	54.8	49.6	48.6	48.6	48.4
55°	1047.3	1027.6	630.7	126.4	84.9	56.0	46.9	44.3	43.9	43.6	43.2
57.5°	1056.3	936.5	476.3	91.3	66.4	47.2	41.7	40.3	39.4	38.4	37.9
60°	1024.0	784.8	303.3	63.8	49.8	40.3	37.0	36.0	34.1	32.2	31.5
62.5°	954.3	592.7	167.9	44.3	40.1	34.4	32.7	31.5	28.0	24.9	23.9
65°	860.7	394.1	74.2	34.6	32.7	28.9	28.0	26.3	22.1	18.5	17.8
67.5°	766.5	226.9	33.4	27.7	26.3	23.7	23.0	21.8	18.7	15.4	14.9
70°	659.1	115.0	23.0	22.1	20.4	18.0	18.7	18.5	15.4	12.6	12.1
72.5°	*490.8*	*57.1*	*17.3*	*16.6*	*14.7*	*12.8*	*15.4*	*15.2*	*12.1*	*9.5*	*9.0*
75°	277.9	28.2	12.6	11.6	8.8	9.5	12.3	11.6	8.3	6.2	5.7
77.5°	110.3	14.5	8.3	7.1	5.2	6.4	9.0	7.8	4.3	2.6	2.4
80°	25.4	7.1	4.3	3.1	2.4	3.8	4.7	2.8	1.2	0.2	0.0
82.5°	7.1	3.1	1.4	1.2	1.2	1.4	1.2	0.5	0.0	0.0	0.0
85°	2.4	1.4	0.5	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0
87.5°	0.9	0.5	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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SS

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(END OF REPORT)