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: P1201594

Luminaire Tested: GWC-SB1B-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:	P1201594
	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-SB1B-827-U-SL4-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 450mA 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:	3436 lumens
Efficiency:	N/A
Efficacy:	86.3 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):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

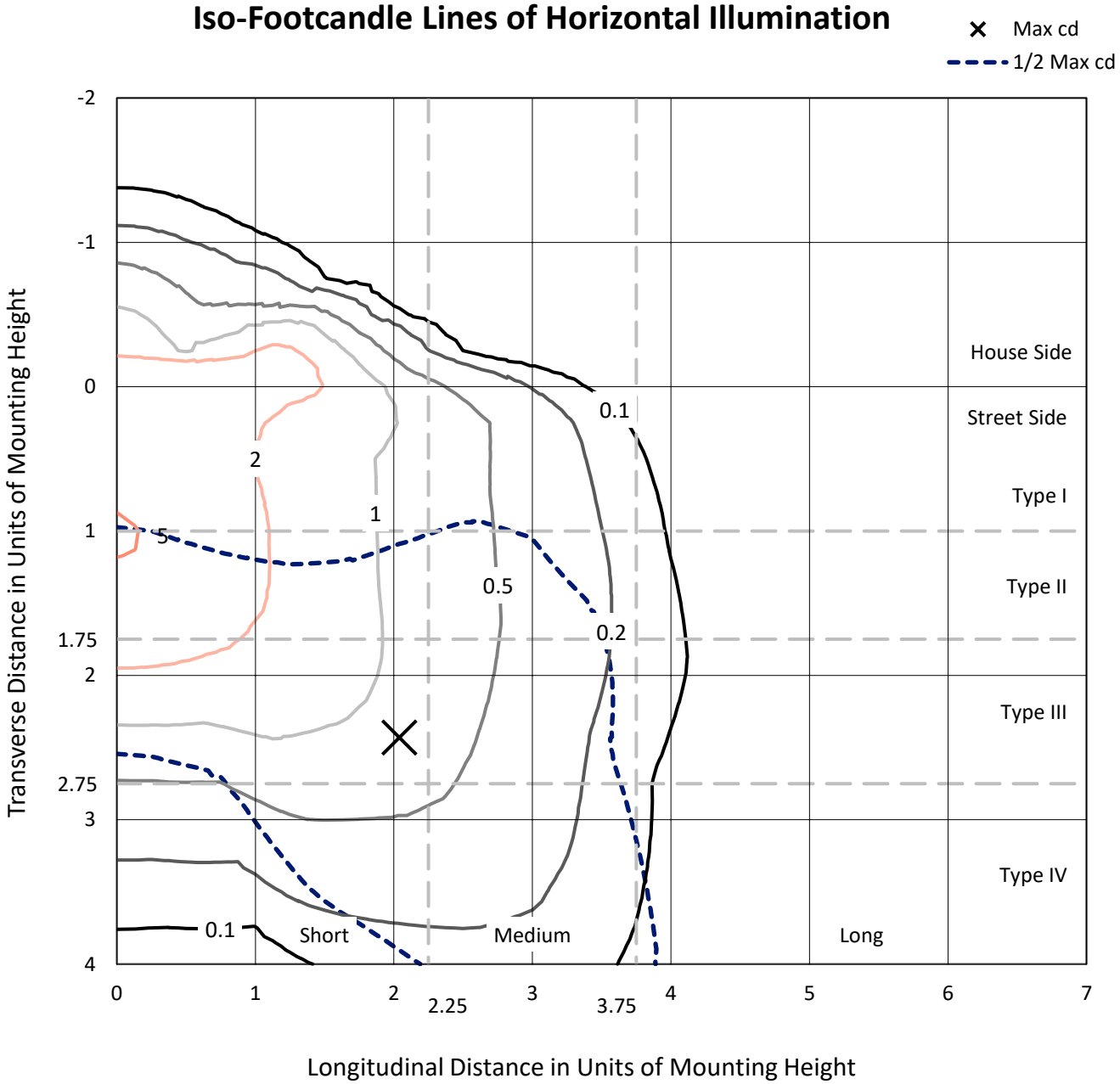


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Iso-Footcandle Lines of Horizontal Illumination



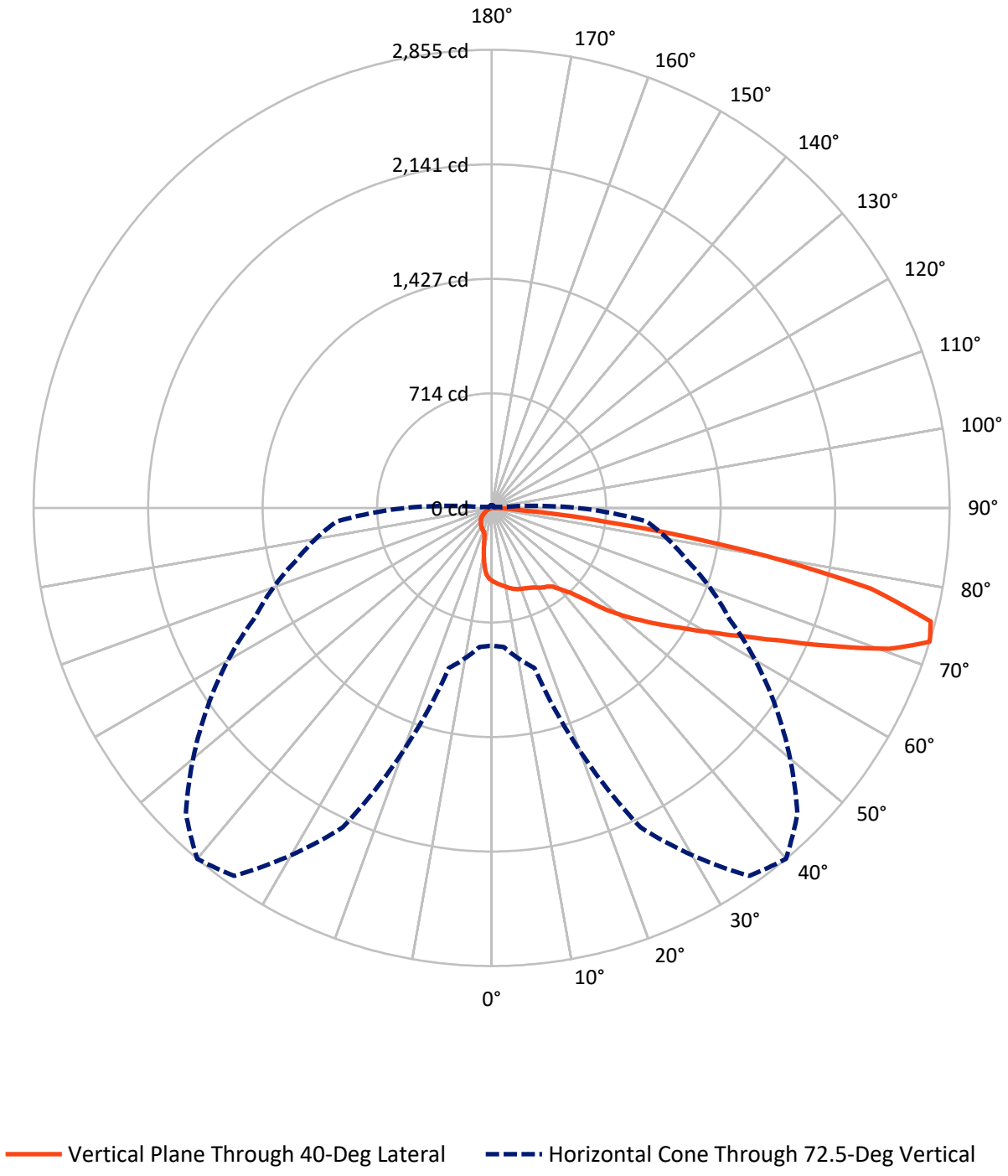
Based on 10 foot mounting height. Maximum calculated value = 5.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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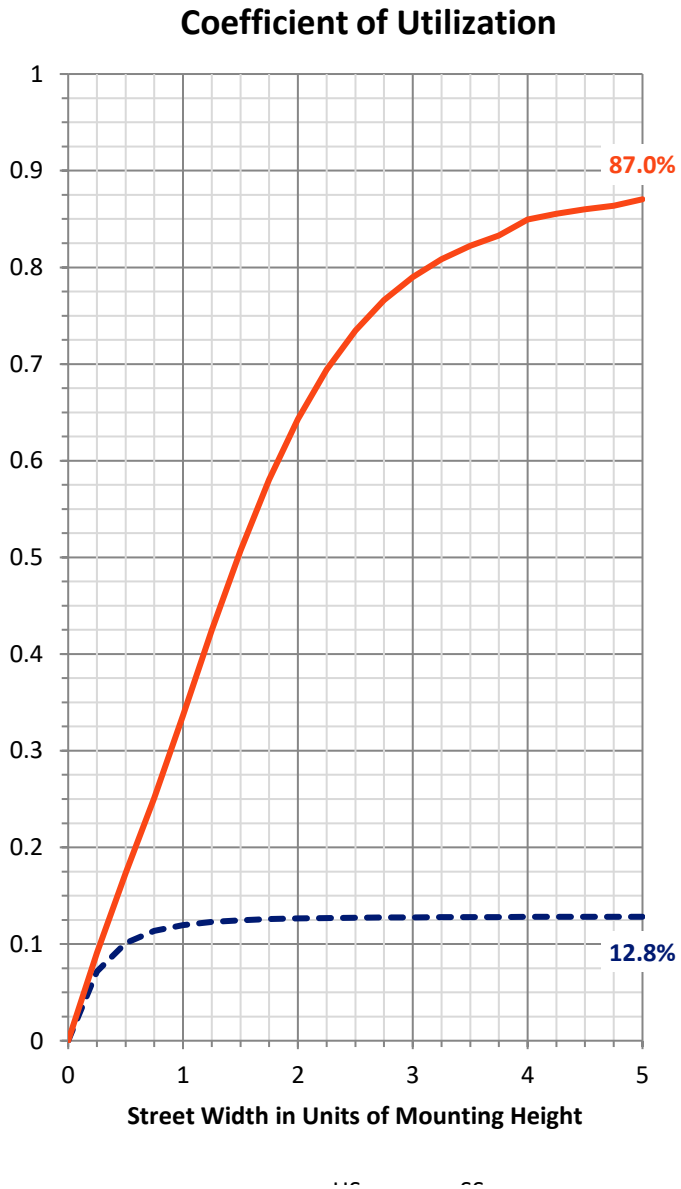
REPORT NUMBER: P1201594
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	443.7	0.0	443.7
	% Fixture	12.9	0.0	12.9
Street Side	Lumens	2992.3	0.0	2992.3
	% Fixture	87.1	0.0	87.1
Total	Lumens	3436.0	0.0	3436.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.5	1.2
10°-20°	112.8	3.3
20°-30°	182.6	5.3
30°-40°	269.5	7.8
40°-50°	453.7	13.2
50°-60°	704.4	20.5
60°-70°	881.4	25.7
70°-80°	721.6	21.0
80°-90°	68.4	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°	3436.0	100.0
0°-180°	3436.0	100.0



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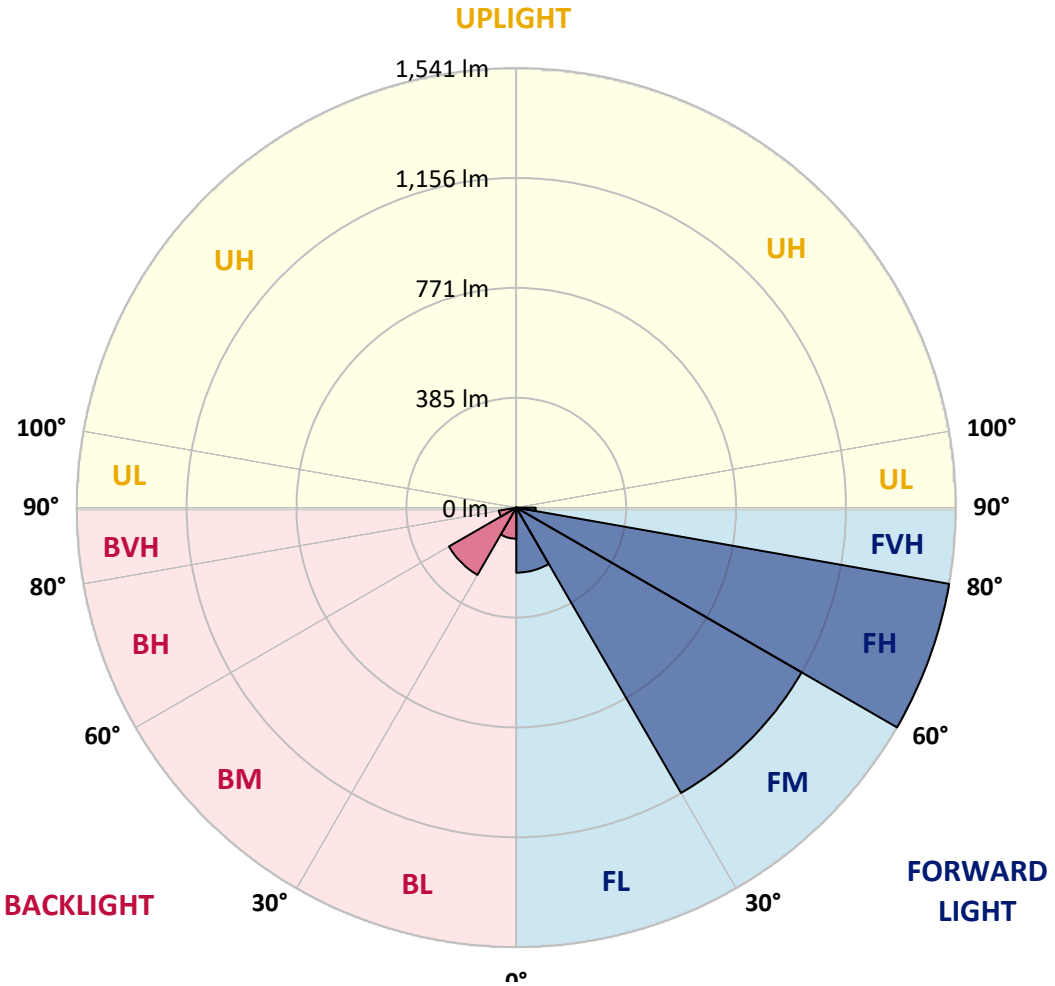
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	228.1	6.6			
FM	(30°-60°)	1155.1	33.6			
FH	(60°-80°)	1541.2	44.9			G1/1800
FVH	(80°-90°)	67.9	2.0			G1/100
BL	(0°-30°)	108.9	3.2	B0/110		
BM	(30°-60°)	272.5	7.9	B1/1000		
BH	(60°-80°)	61.8	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°	455.0	455.0	455.0	455.0	455.0	455.0	455.0	455.0	455.0	455.0	455.0
2.5°	468.7	470.5	469.4	467.4	466.9	465.8	464.5	464.0	462.2	460.6	458.8
5°	481.9	483.7	482.4	479.5	478.2	477.0	475.1	473.6	470.0	466.6	462.5
7.5°	496.4	497.9	496.4	492.2	490.1	488.6	486.0	483.7	479.5	474.6	469.4
10°	512.4	513.7	511.4	505.9	502.6	500.2	497.9	495.3	491.4	486.0	479.8
12.5°	527.4	529.0	525.3	518.9	515.0	512.7	510.1	508.0	504.1	498.9	492.5
15°	541.1	543.5	537.2	530.3	525.9	524.1	521.5	520.2	517.6	514.0	508.0
17.5°	551.5	553.0	546.6	538.3	533.4	532.1	530.3	531.0	530.5	528.7	524.8
20°	560.3	561.3	552.8	542.7	537.2	537.5	537.0	539.6	540.6	540.6	540.4
22.5°	571.2	571.4	560.5	547.9	541.4	543.2	544.0	546.8	548.9	551.0	555.6
25°	585.4	584.9	571.9	554.6	548.9	551.5	553.3	554.3	556.7	560.0	570.6
27.5°	606.6	605.1	588.5	565.5	558.7	561.1	564.4	563.9	562.9	565.5	583.3
30°	633.5	631.4	609.5	580.7	574.5	576.6	577.6	573.0	565.5	567.8	594.4
32.5°	676.2	672.6	642.1	597.8	588.2	590.6	589.3	579.7	568.6	570.9	605.6
35°	750.5	741.7	698.5	633.5	603.8	601.2	598.1	588.7	575.0	572.7	614.9
37.5°	908.4	892.8	819.1	703.1	639.0	622.1	612.6	603.2	582.0	572.7	625.5
40°	1086.4	1070.6	985.5	819.6	697.4	669.0	646.2	620.3	589.3	576.1	642.1
42.5°	1272.2	1254.9	1167.4	964.0	781.0	722.5	680.1	634.0	601.2	586.4	664.1
45°	1479.8	1458.0	1343.6	1114.6	902.4	811.6	734.7	662.2	621.9	604.8	694.1
47.5°	1698.7	1670.5	1519.4	1260.8	1033.1	934.8	834.6	712.7	652.4	632.2	734.7
50°	1892.8	1864.8	1700.8	1413.8	1155.2	1052.0	948.5	782.6	698.2	671.0	789.3
52.5°	2032.3	2011.1	1865.9	1571.6	1282.3	1162.0	1051.7	863.8	756.2	720.7	853.8
55°	2125.7	2106.3	1982.9	1721.2	1430.1	1283.1	1153.4	952.1	826.1	780.3	924.9
57.5°	2182.4	2171.3	2067.5	1854.8	1576.6	1415.6	1269.9	1049.1	908.4	850.4	1004.4
60°	2202.6	2193.5	2120.0	1982.1	1753.6	1574.7	1406.8	1158.6	1008.2	930.1	1085.9
62.5°	2148.7	2150.6	2157.8	2133.0	1940.2	1761.1	1570.9	1290.1	1119.0	1020.4	1162.5
65°	1895.4	1910.4	2048.1	2300.1	2187.3	1994.5	1779.7	1450.5	1245.8	1123.2	1223.3
67.5°	1569.3	1591.0	1762.4	2398.0	2450.7	2297.5	2070.6	1655.0	1397.0	1227.7	1246.3
70°	1201.3	1224.6	1432.1	2377.5	2697.4	2628.8	2430.3	1915.1	1553.5	1300.2	1187.6
72.5°	857.4	869.3	1032.8	2195.6	2798.6	2854.5	2695.3	2161.4	1633.5	1260.1	968.7
75°	602.5	600.4	708.8	1768.1	2641.0	2827.0	2602.4	2028.1	1478.2	1001.0	597.3
77.5°	262.4	262.9	354.0	1073.7	2107.9	2414.5	2163.2	1270.4	1030.5	530.5	252.1
80°	68.1	70.1	129.9	427.5	1269.1	1593.6	1319.3	558.5	476.2	129.4	48.1
82.5°	24.1	25.6	59.8	134.3	468.2	730.8	587.5	178.6	124.2	37.0	12.9
85°	7.0	8.3	32.1	41.1	96.8	206.5	142.6	34.7	30.5	19.2	3.4
87.5°	0.0	1.0	6.5	5.7	5.7	3.9	7.2	3.9	4.9	2.3	1.0
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°	455.0	455.0	455.0	455.0	455.0	455.0	455.0	455.0	455.0	455.0	455.0
2.5°	457.3	455.5	451.6	447.4	443.6	439.9	438.9	435.0	433.2	433.5	433.2
5°	459.6	456.2	448.7	439.7	430.4	419.8	411.0	398.5	387.9	386.6	385.9
7.5°	465.8	460.4	448.2	430.6	407.3	378.1	350.9	324.0	308.7	300.5	299.9
10°	475.4	468.2	449.5	415.9	366.4	314.2	273.0	239.1	221.8	213.8	212.2
12.5°	486.8	478.8	451.6	390.8	313.7	245.1	200.6	179.9	176.2	175.7	175.5
15°	502.8	494.0	453.9	356.9	256.5	186.6	166.1	166.4	169.2	170.8	170.5
17.5°	520.7	511.9	450.6	315.5	200.0	159.4	158.9	161.2	165.4	166.9	166.7
20°	538.8	530.5	438.7	266.8	161.7	151.9	154.0	156.6	160.7	162.8	162.8
22.5°	557.4	550.2	419.8	215.1	146.0	146.5	149.1	151.7	156.3	158.6	158.6
25°	577.4	571.2	394.7	172.4	139.2	140.8	144.1	147.3	152.2	155.0	155.0
27.5°	597.5	592.9	366.2	143.9	133.0	134.8	138.7	142.9	147.8	151.1	151.4
30°	619.5	617.0	343.4	133.3	127.1	128.6	133.0	137.7	143.1	147.3	147.8
32.5°	642.1	641.5	332.3	141.0	121.6	122.7	126.5	131.2	137.9	143.1	143.6
35°	664.3	665.4	325.8	163.0	119.8	117.0	119.6	123.7	131.7	138.2	139.2
37.5°	692.8	695.4	325.6	186.8	124.2	111.3	113.1	115.9	122.9	130.4	131.7
40°	735.2	748.9	342.1	207.3	132.0	106.1	106.6	107.1	110.8	117.0	119.0
42.5°	791.6	831.8	401.9	221.3	135.1	101.4	99.6	96.8	96.3	99.6	101.4
45°	861.8	931.9	507.0	229.0	132.0	96.3	91.4	83.8	81.0	83.3	83.3
47.5°	944.3	1041.6	631.4	230.8	126.8	89.8	81.0	71.2	68.8	69.6	69.4
50°	1024.8	1123.9	740.9	215.8	118.3	81.5	69.6	61.3	59.8	60.0	60.0
52.5°	1096.0	1152.1	772.0	180.4	106.9	71.4	59.8	54.1	53.1	53.1	52.8
55°	1143.1	1121.6	688.4	137.9	92.6	61.1	51.2	48.4	47.9	47.6	47.1
57.5°	1152.9	1022.2	519.9	99.6	72.5	51.5	45.5	44.0	43.0	41.9	41.4
60°	1117.7	856.6	331.0	69.6	54.3	44.0	40.4	39.3	37.3	35.2	34.4
62.5°	1041.6	647.0	183.2	48.4	43.7	37.5	35.7	34.4	30.5	27.2	26.1
65°	939.4	430.1	81.0	37.8	35.7	31.6	30.5	28.7	24.1	20.2	19.4
67.5°	836.7	247.7	36.5	30.3	28.7	25.9	25.1	23.8	20.4	16.8	16.3
70°	719.4	125.5	25.1	24.1	22.3	19.7	20.4	20.2	16.8	13.7	13.2
72.5°	*535.7*	*62.4*	*18.9*	*18.1*	*16.0*	*14.0*	*16.8*	*16.6*	*13.2*	*10.4*	*9.8*
75°	303.3	30.8	13.7	12.7	9.6	10.4	13.5	12.7	9.1	6.7	6.2
77.5°	120.3	15.8	9.1	7.8	5.7	7.0	9.8	8.5	4.7	2.8	2.6
80°	27.7	7.8	4.7	3.4	2.6	4.1	5.2	3.1	1.3	0.3	0.0
82.5°	7.8	3.4	1.6	1.3	1.3	1.6	1.3	0.5	0.0	0.0	0.0
85°	2.6	1.6	0.5	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0
87.5°	1.0	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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(END OF REPORT)