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: P1201978

Luminaire Tested: GWC-SB1C-827-U-T4FT-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201978
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-25)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-827-U-T4FT-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV FORWARD THROW OPT WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4957 lumens
Efficiency:	N/A
Efficacy:	91.1 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

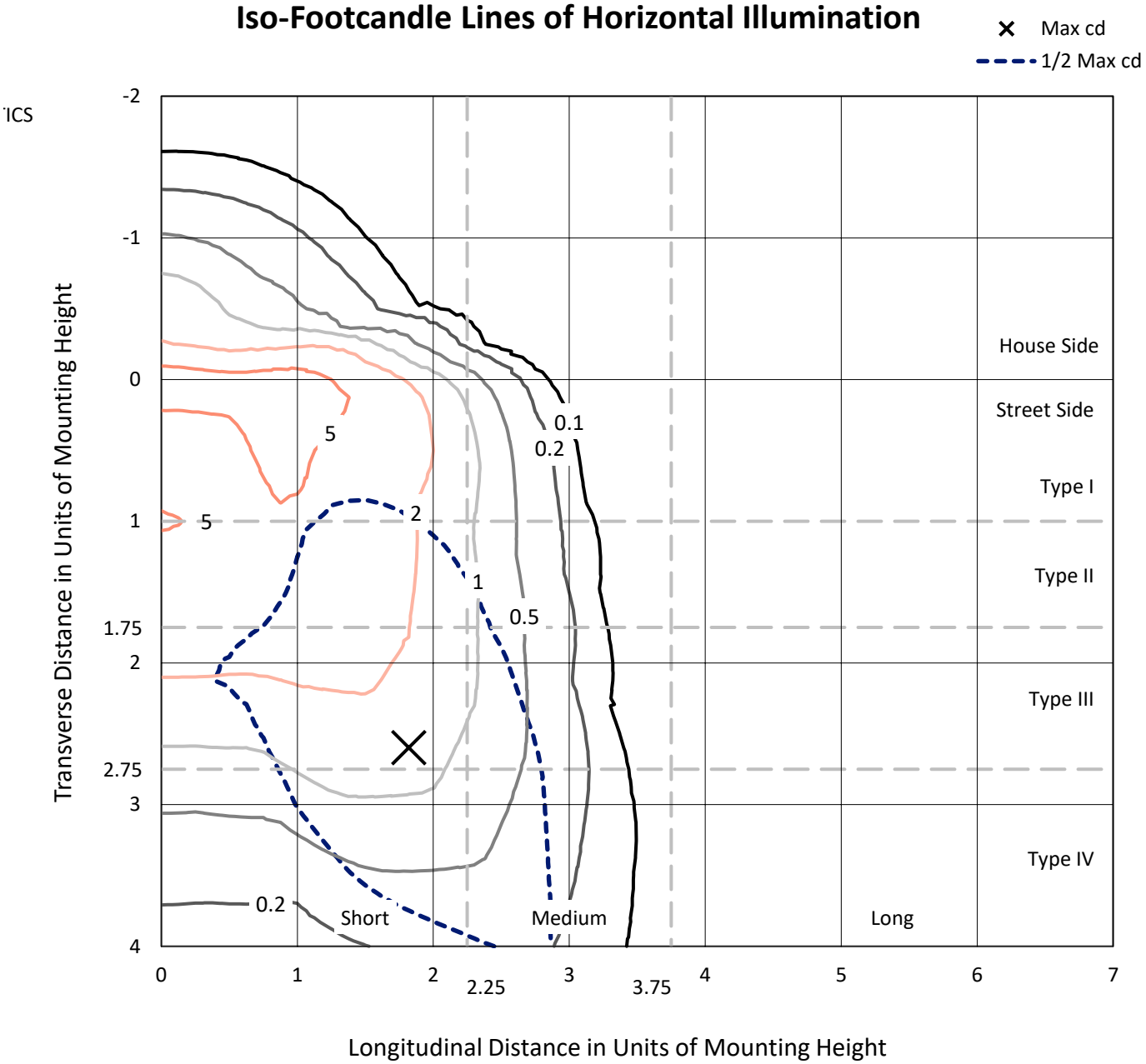


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Iso-Footcandle Lines of Horizontal Illumination



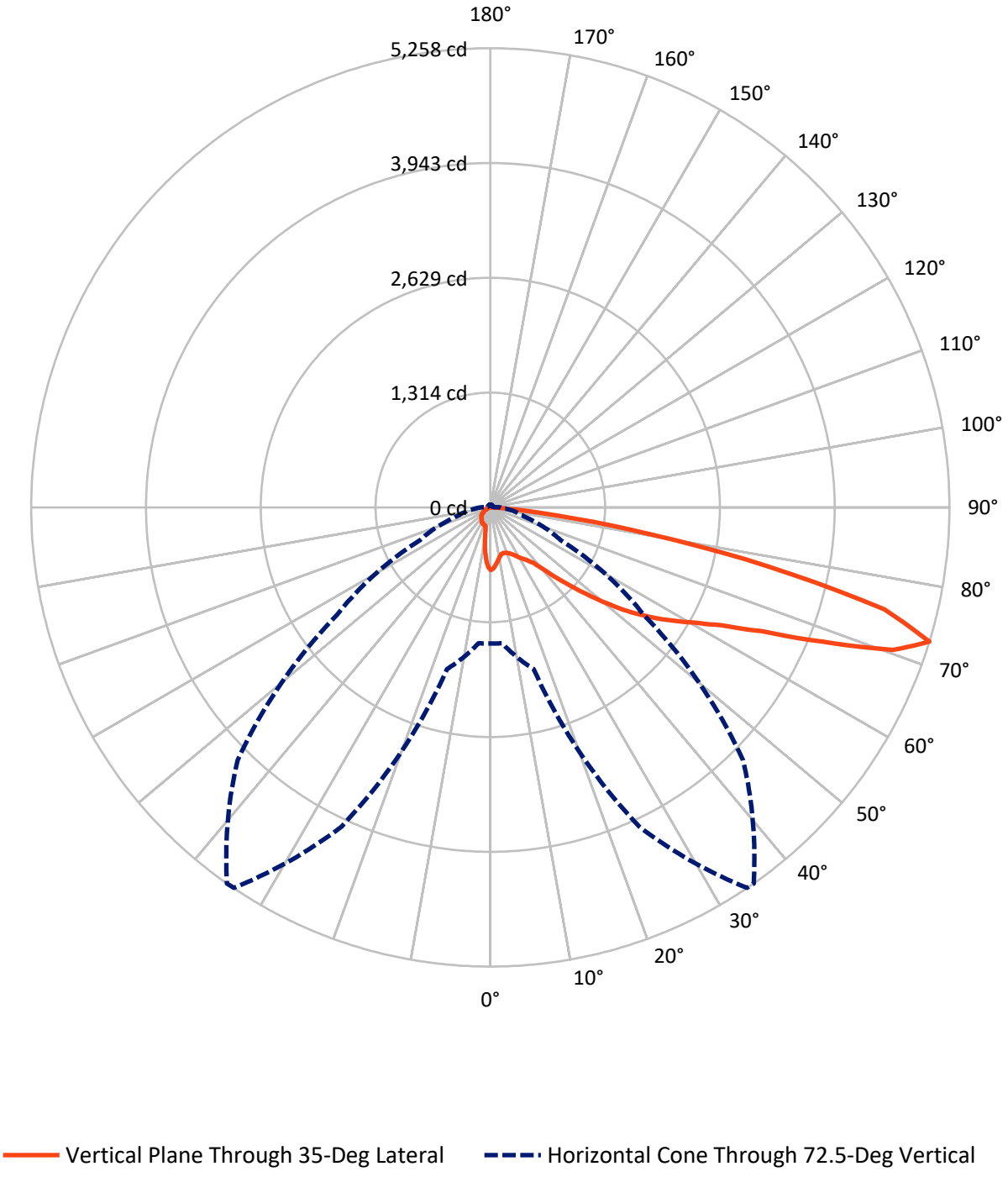
Based on 10 foot mounting height. Maximum calculated value = 7.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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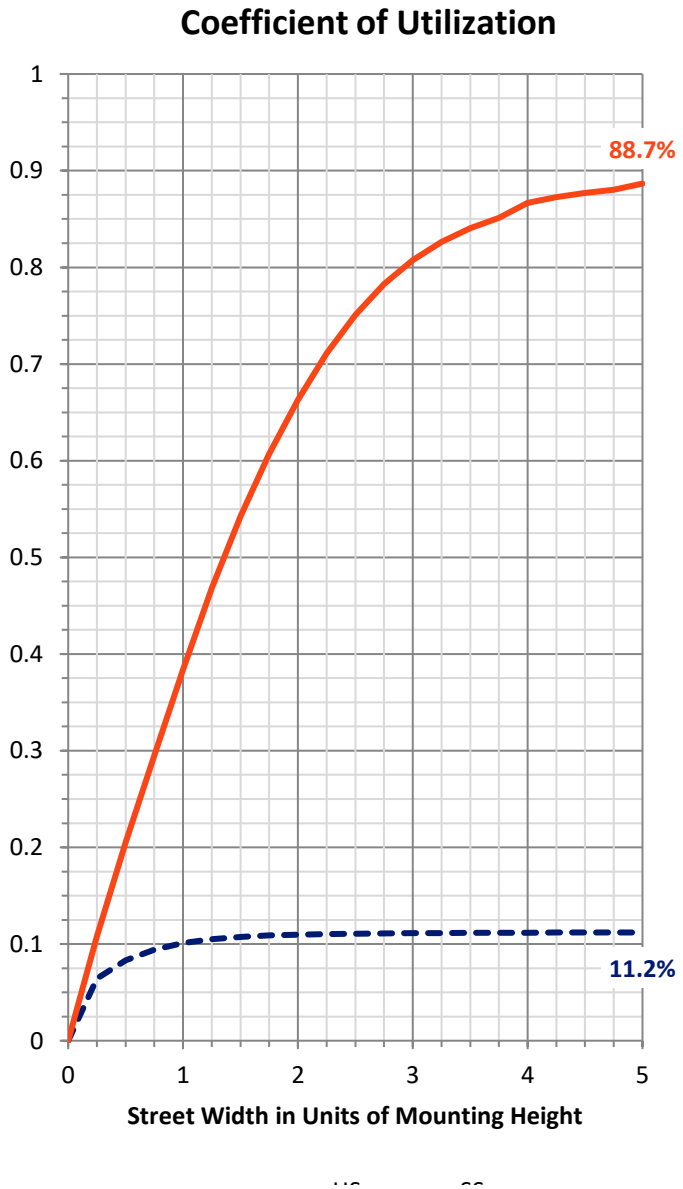
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	557.9	0.0	557.9
	% Fixture	11.3	0.0	11.3
Street Side	Lumens	4399.1	0.0	4399.1
	% Fixture	88.7	0.0	88.7
Total	Lumens	4957.0	0.0	4957.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.0	1.2
10°-20°	138.1	2.8
20°-30°	224.4	4.5
30°-40°	374.3	7.6
40°-50°	708.2	14.3
50°-60°	1125.4	22.7
60°-70°	1392.2	28.1
70°-80°	865.4	17.5
80°-90°	69.9	1.4
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°	4957.0	100.0
0°-180°	4957.0	100.0



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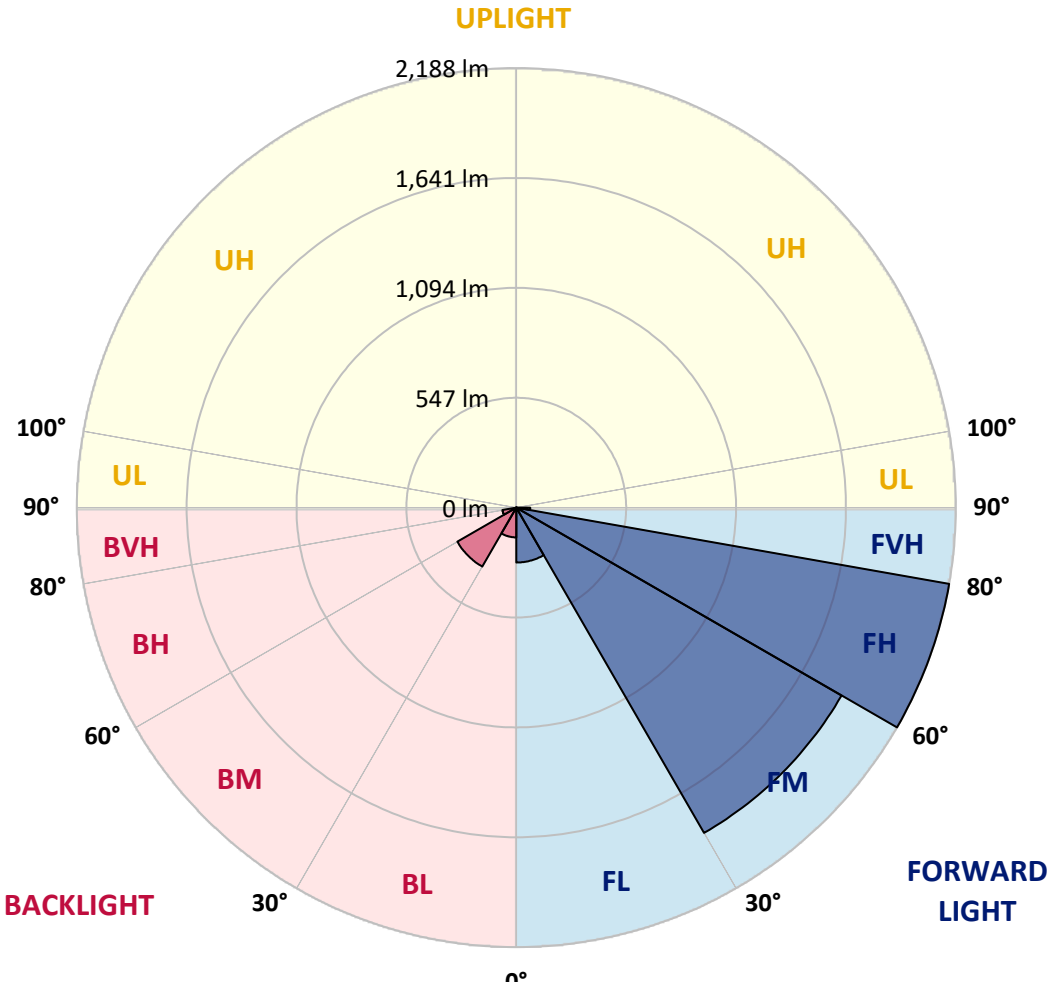
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	273.3	5.5			
FM	(30°-60°)	1869.3	37.7			
FH	(60°-80°)	2187.6	44.1			G2/5000
FVH	(80°-90°)	69.0	1.4			G1/100
BL	(0°-30°)	148.2	3.0	B1/500		
BM	(30°-60°)	338.7	6.8	B1/1000		
BH	(60°-80°)	70.0	1.4	B0/110		G0/110
BVH	(80°-90°)	1.0	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°	34°	35°	45°	55°	65°	75°	85°
0°	718.4	718.4	718.4	718.4	718.4	718.4	718.4	718.4	718.4	718.4	718.4
2.5°	686.5	692.3	693.4	695.2	695.2	697.4	701.0	706.1	714.4	718.8	721.7
5°	632.7	637.1	642.5	646.9	655.2	656.3	670.5	684.3	703.5	718.1	728.2
7.5°	578.6	583.7	590.9	601.5	612.4	615.6	637.1	660.3	690.8	718.1	735.1
10°	540.5	540.8	547.4	557.9	575.3	579.3	605.5	638.5	676.7	713.7	741.7
12.5°	519.0	521.6	524.5	532.5	549.2	551.7	579.7	618.6	662.5	711.2	749.3
15°	519.0	520.8	522.7	526.7	540.1	542.3	567.0	605.8	655.2	712.3	761.7
17.5°	524.5	527.4	525.9	530.7	544.8	546.3	568.1	602.2	654.9	719.2	780.5
20°	537.6	539.7	536.8	539.7	553.9	556.8	579.3	609.1	661.0	731.1	804.2
22.5°	558.3	559.3	552.4	554.6	569.2	572.8	598.9	628.7	675.9	750.4	835.8
25°	584.4	586.6	576.1	578.6	592.4	596.8	626.9	658.1	699.5	776.9	876.1
27.5°	614.6	615.6	606.6	606.2	624.0	630.2	660.7	694.5	731.1	810.3	926.9
30°	649.1	652.3	643.6	642.2	664.7	669.8	699.9	739.1	777.6	860.5	999.2
32.5°	676.3	678.8	673.8	677.4	700.3	704.3	747.5	802.3	850.6	931.6	1097.6
35°	715.5	717.0	705.4	711.9	738.0	748.2	812.5	891.0	942.5	1021.0	1226.2
37.5°	857.5	857.5	808.1	775.8	800.9	810.0	901.5	1002.5	1055.9	1140.9	1388.2
40°	1054.0	1050.8	978.5	912.4	909.1	926.9	1028.3	1143.0	1202.2	1284.7	1570.5
42.5°	1263.6	1258.5	1160.1	1094.7	1083.8	1090.0	1174.6	1316.3	1376.6	1460.1	1766.7
45°	1449.6	1448.1	1358.1	1270.2	1250.5	1270.2	1357.3	1519.0	1562.2	1650.1	1962.4
47.5°	1605.4	1605.4	1539.7	1482.3	1472.1	1483.7	1604.7	1743.8	1739.8	1852.4	2153.1
50°	1784.8	1783.4	1720.9	1696.2	1706.7	1723.1	1889.4	1980.6	1923.6	2051.1	2323.5
52.5°	1910.5	1919.2	1897.8	1893.8	1947.5	1975.9	2178.6	2212.3	2088.1	2239.6	2451.0
55°	2010.0	2020.2	2044.9	2072.9	2176.4	2213.4	2458.6	2432.1	2225.8	2403.0	2524.3
57.5°	2150.9	2136.4	2174.6	2229.8	2397.2	2441.9	2729.9	2639.5	2336.5	2535.6	2532.3
60°	2322.0	2324.2	2330.7	2400.5	2617.7	2675.1	2997.2	2835.6	2407.7	2617.0	2443.7
62.5°	2527.6	2530.9	2544.3	2651.5	2913.7	2967.8	3282.0	2996.1	2440.4	2594.1	2214.9
65°	2513.4	2527.2	2677.2	3043.7	3363.7	3417.1	3614.3	3108.7	2391.0	2384.9	1803.4
67.5°	2289.7	2312.2	2563.2	3512.3	4042.2	4101.8	4016.0	3130.9	2177.8	1854.6	1176.4
70°	1996.2	2004.2	2306.0	3933.6	4827.8	4888.1	4375.6	2887.2	1652.6	1034.4	527.0
72.5°	1558.9	1560.7	1914.9	4031.3	5254.2	5257.5	4093.4	2143.3	888.8	397.4	183.1
75°	1113.6	1102.7	1282.5	3269.3	4622.6	4659.7	3068.8	1005.4	339.6	187.8	91.2
77.5°	597.1	609.1	725.7	1938.8	3193.4	3256.6	1674.4	289.8	172.9	127.9	60.3
80°	184.5	194.7	297.5	887.7	1808.8	1846.9	620.7	128.9	120.6	91.2	39.6
82.5°	58.1	60.3	138.7	373.0	750.8	768.2	179.8	73.0	82.4	60.3	23.2
85°	16.7	17.1	61.7	139.1	185.6	189.2	50.5	28.3	47.2	37.4	12.0
87.5°	1.8	5.8	23.2	23.2	16.3	16.0	5.4	6.2	13.4	4.7	2.2
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°	718.4	718.4	718.4	718.4	718.4	718.4	718.4	718.4	718.4	718.4	718.4
2.5°	719.9	720.3	715.5	707.5	698.8	691.6	682.5	675.2	670.1	668.7	671.2
5°	725.0	722.4	709.0	684.7	655.6	630.5	602.6	580.4	565.9	559.7	561.9
7.5°	732.6	725.3	695.9	648.0	592.4	543.0	492.9	454.0	429.3	417.0	418.8
10°	739.1	724.6	674.1	594.9	510.0	435.1	367.6	320.7	294.6	282.2	282.6
12.5°	745.3	724.2	645.8	532.1	417.0	325.4	262.6	239.4	232.1	229.6	228.8
15°	756.9	725.3	610.2	460.2	324.3	245.9	223.0	222.6	224.1	223.4	223.0
17.5°	772.9	726.4	569.9	383.9	250.3	216.8	215.7	219.0	221.2	220.1	219.7
20°	793.6	730.8	527.0	308.4	215.0	209.6	212.1	215.0	216.8	215.0	214.7
22.5°	822.7	738.4	480.2	247.7	203.8	205.2	207.4	210.7	212.5	209.9	209.6
25°	858.3	750.4	434.0	215.4	198.3	200.1	203.4	207.0	209.2	206.7	206.3
27.5°	904.4	769.6	391.5	208.1	192.9	194.0	198.7	204.1	207.0	203.8	203.8
30°	971.2	801.2	354.9	211.4	189.6	187.1	193.6	201.2	204.5	201.6	201.2
32.5°	1059.9	845.9	332.3	216.5	188.1	179.1	185.2	195.0	200.5	198.7	198.7
35°	1176.1	913.8	323.6	222.3	187.1	170.7	175.1	185.6	195.0	196.9	196.9
37.5°	1317.0	1008.3	326.2	224.8	183.8	163.8	166.0	175.1	187.4	193.2	194.7
40°	1477.2	1118.3	340.7	222.3	180.2	158.0	158.4	165.3	176.2	184.9	187.8
42.5°	1642.4	1246.9	367.6	212.8	176.9	152.9	151.8	156.5	163.8	170.0	172.5
45°	1799.7	1379.1	394.1	199.8	172.9	147.8	145.3	147.1	148.6	151.1	152.5
47.5°	1937.0	1472.1	386.5	187.8	167.4	142.0	137.7	136.9	132.6	132.2	131.8
50°	2031.8	1492.4	343.2	175.8	159.5	135.5	128.6	124.2	116.6	113.0	113.3
52.5°	2062.0	1412.2	280.4	163.8	146.4	126.8	117.0	110.1	100.6	97.3	97.0
55°	2022.0	1254.9	224.1	149.3	128.2	115.1	104.2	95.2	87.5	83.5	83.5
57.5°	1924.3	1054.8	177.2	132.2	109.0	102.1	91.2	82.1	75.5	71.6	70.8
60°	1762.3	837.6	140.2	111.9	93.0	87.9	76.6	70.8	65.0	60.3	59.2
62.5°	1516.4	597.8	110.1	88.6	77.7	71.9	65.4	61.0	54.1	47.6	46.5
65°	1183.3	365.8	85.0	65.0	62.5	59.6	55.6	51.6	43.2	36.7	35.6
67.5°	746.4	173.3	60.7	49.0	49.4	47.9	46.1	42.9	36.7	30.9	30.1
70°	328.7	83.9	40.0	37.4	36.7	36.7	38.1	37.0	31.2	25.8	24.7
72.5°	*111.9*	*45.0*	*29.8*	*28.3*	*26.5*	*26.2*	*32.0*	*30.9*	*25.1*	*20.0*	*18.9*
75°	58.5	30.1	21.8	20.3	16.0	19.3	25.4	24.0	17.8	13.1	12.0
77.5°	38.1	21.4	14.9	13.1	9.1	12.7	18.9	16.7	10.5	6.5	5.8
80°	24.0	14.2	8.7	6.2	4.4	6.9	10.2	7.3	4.0	1.5	1.1
82.5°	12.7	7.3	3.3	2.2	1.8	2.2	2.5	1.8	0.7	0.0	0.0
85°	5.1	2.5	1.1	0.7	0.4	0.0	0.7	0.4	0.0	0.0	0.0
87.5°	1.8	0.4	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)