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: P1201133

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201133
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1A-735-U-SL4
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4470 lumens
Efficiency:	N/A
Efficacy:	144.7 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
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

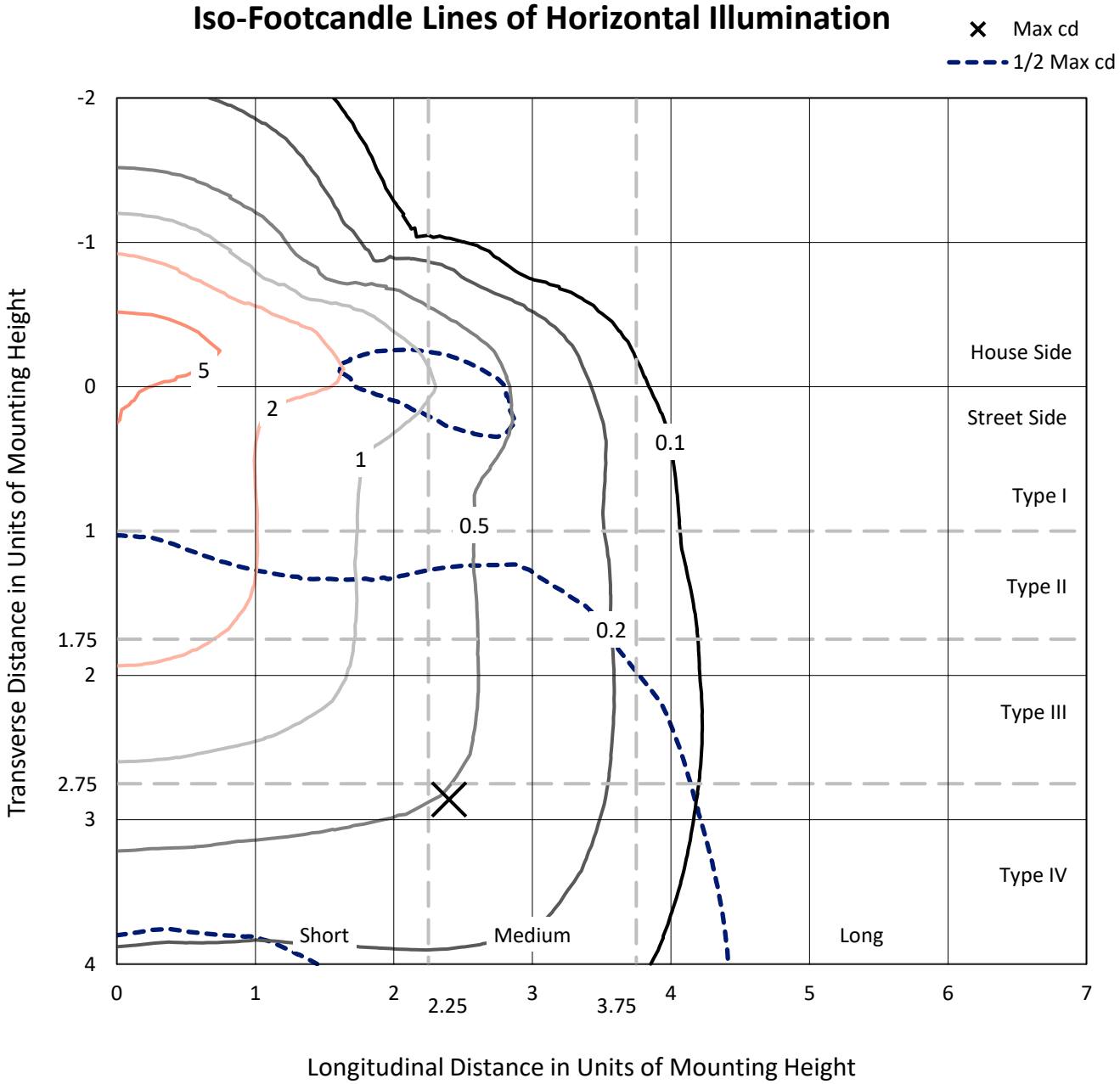


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Iso-Footcandle Lines of Horizontal Illumination



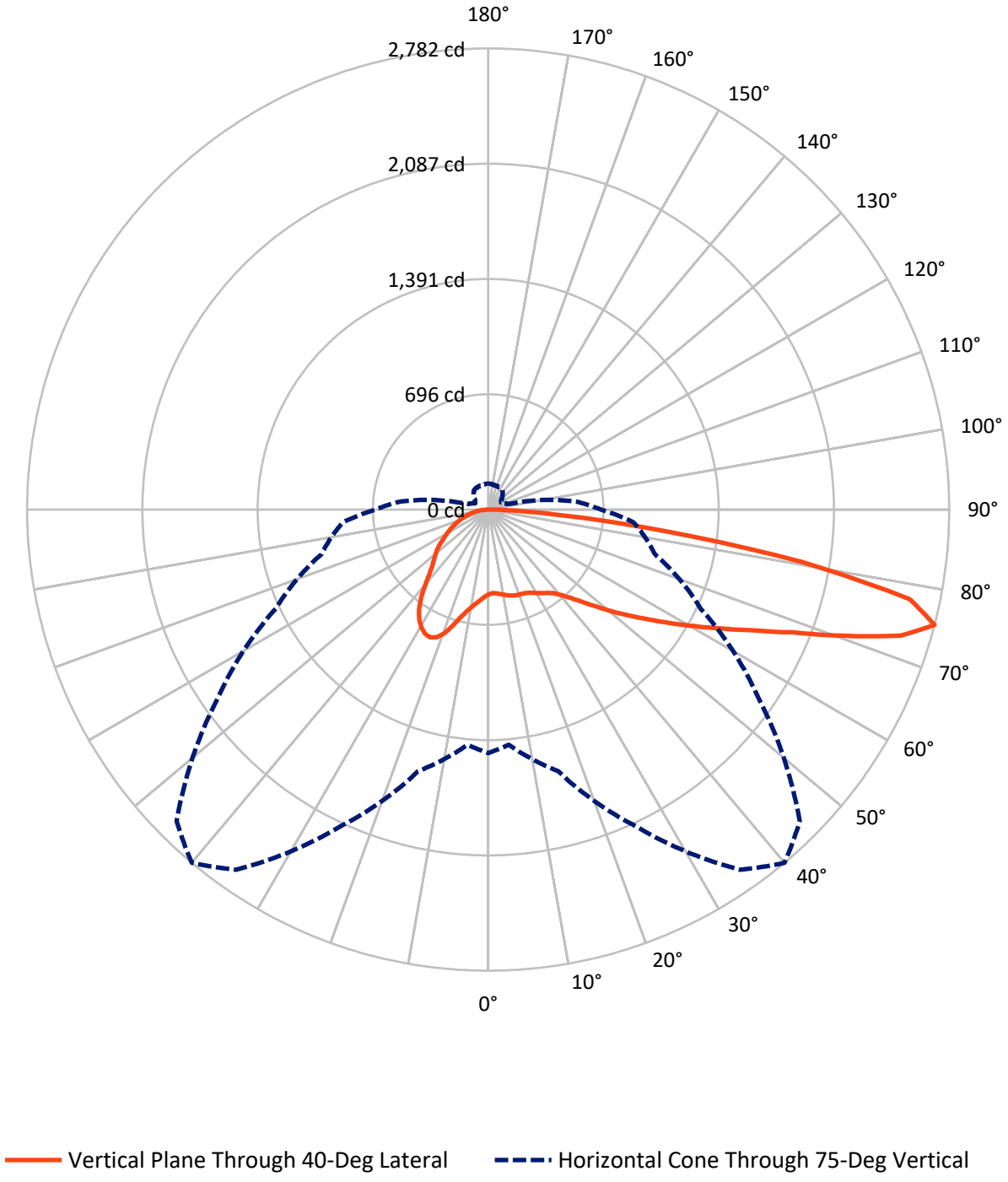
Based on 10 foot mounting height. Maximum calculated value = 6.6 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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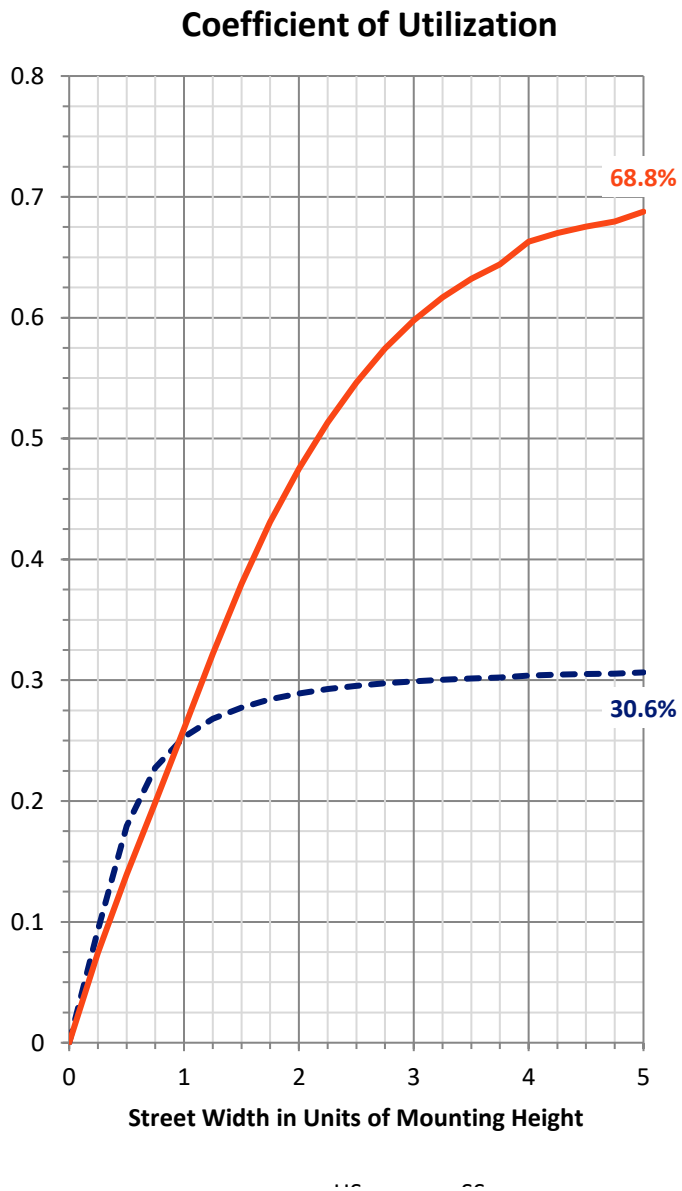
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1385.0	0.0	1385.0
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	3085.0	0.0	3085.0
	% Fixture	69.0	0.0	69.0
Total	Lumens	4470.0	0.0	4470.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.0	1.1
10°-20°	171.3	3.8
20°-30°	312.8	7.0
30°-40°	443.6	9.9
40°-50°	599.0	13.4
50°-60°	805.9	18.0
60°-70°	1022.8	22.9
70°-80°	928.3	20.8
80°-90°	135.3	3.0
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°	4470.0	100.0
0°-180°	4470.0	100.0



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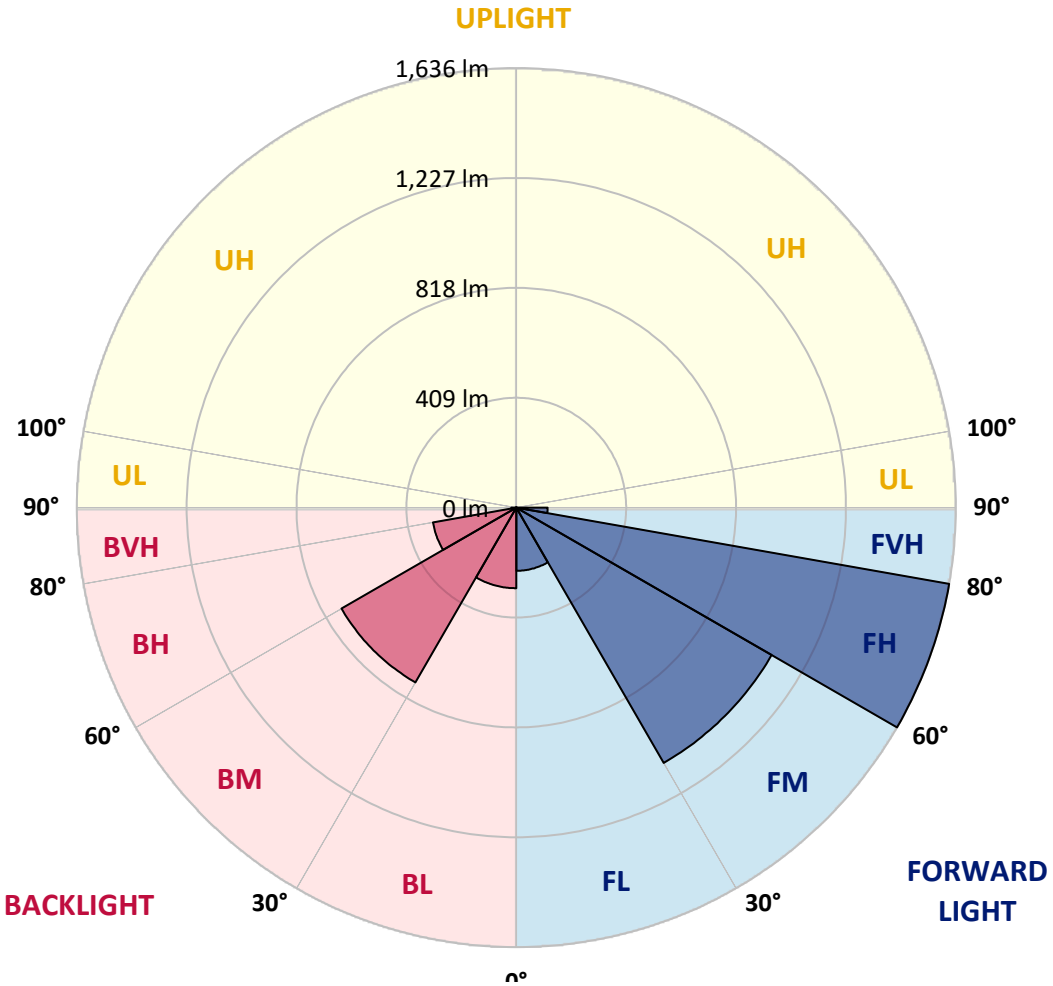
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	235.1	5.3			
FM	(30°-60°)	1097.3	24.5			
FH	(60°-80°)	1636.0	36.6			G1/1800
FVH	(80°-90°)	116.7	2.6			G2/225
BL	(0°-30°)	300.0	6.7	B1/500		
BM	(30°-60°)	751.2	16.8	B1/1000		
BH	(60°-80°)	315.1	7.0	B1/500		G1/500
BVH	(80°-90°)	18.6	0.4			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 Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	511.2	511.2	511.2	511.2	511.2	*511.2*	511.2	511.2	511.2	511.2	511.2
2.5°	503.3	506.2	505.5	504.5	504.5	*504.7*	504.5	506.2	507.8	509.5	512.1
5°	508.5	511.4	510.0	508.8	507.8	*507.6*	506.9	506.6	507.6	509.7	513.3
7.5°	518.7	521.6	519.4	517.3	515.4	*514.5*	513.5	512.1	511.4	512.6	517.6
10°	530.1	533.0	530.4	526.6	523.5	*522.3*	521.3	519.9	519.0	519.7	525.1
12.5°	541.5	544.3	540.8	535.6	531.5	*530.8*	529.6	529.2	528.9	528.7	534.1
15°	552.2	554.5	550.0	543.9	539.6	*538.4*	537.2	537.9	539.1	540.5	546.7
17.5°	560.5	562.8	556.2	548.1	544.1	*543.6*	542.9	545.3	548.6	552.2	559.8
20°	568.1	570.4	561.9	551.0	546.2	*546.2*	546.5	551.5	556.2	561.4	571.8
22.5°	578.7	580.6	570.2	555.2	548.4	*548.8*	550.7	555.7	561.6	568.8	583.2
25°	594.6	596.0	583.2	563.3	555.5	*556.9*	558.6	560.9	566.6	574.9	594.4
27.5°	620.2	621.4	604.6	577.5	565.7	*568.1*	570.4	568.8	571.4	578.5	603.4
30°	656.2	657.0	635.6	599.8	583.0	*584.2*	584.6	577.8	572.8	578.5	609.8
32.5°	698.9	698.7	673.3	626.8	602.7	*601.5*	597.4	583.9	572.3	577.3	615.5
35°	765.1	762.5	729.7	664.8	625.0	*617.6*	608.1	590.8	574.7	576.1	620.4
37.5°	874.6	866.5	821.3	726.9	658.1	*639.4*	625.4	602.0	579.9	575.6	626.4
40°	998.1	987.9	938.1	812.0	707.9	*677.8*	655.3	617.8	588.4	577.8	635.1
42.5°	1144.6	1130.2	1076.6	912.3	771.0	*727.4*	693.5	638.0	601.0	584.6	647.0
45°	1324.6	1305.4	1229.5	1025.4	850.4	*792.3*	747.0	668.6	620.2	597.9	664.8
47.5°	1506.4	1511.2	1403.3	1154.8	945.7	*872.5*	814.1	714.6	648.2	619.3	693.5
50°	1699.6	1703.0	1576.1	1298.3	1053.8	*963.0*	889.5	766.0	687.1	649.6	736.4
52.5°	1850.4	1850.9	1733.1	1448.3	1166.4	*1062.6*	970.9	824.8	732.1	689.9	793.5
55°	1944.8	1943.6	1843.1	1590.4	1295.9	*1167.2*	1060.9	891.7	787.1	737.3	865.4
57.5°	2013.3	2009.8	1918.9	1712.4	1433.9	*1290.7*	1162.9	967.5	852.1	793.8	959.9
60°	2039.4	2037.3	1970.4	1818.0	1579.0	*1427.2*	1280.5	1052.4	925.8	860.4	1081.6
62.5°	2049.3	2053.4	2020.9	1920.1	1734.3	*1578.5*	1409.7	1153.9	1008.8	935.8	1209.8
65°	2084.4	2091.8	2085.1	2053.8	1909.7	*1755.6*	1581.1	1274.6	1099.4	1016.6	1343.8
67.5°	2153.9	2161.2	2164.1	2213.9	2124.0	*1976.3*	1795.0	1424.9	1205.3	1100.5	1444.5
70°	2152.2	2150.1	2200.4	2341.2	2392.4	*2281.9*	2083.2	1609.8	1331.7	1170.2	1457.3
72.5°	1959.0	1941.9	2060.7	2339.8	2615.7	*2601.0*	2435.3	1848.3	1440.8	1178.8	1264.6
75°	*1469.7*	*1424.2*	*1634.0*	*2108.6*	*2653.0*	*2782.2*	*2659.1*	*1996.2*	*1414.9*	*1041.5*	*880.1*
77.5°	628.5	582.7	830.0	1561.0	2374.4	*2600.8*	2453.8	1741.6	1129.5	688.7	432.2
80°	164.5	164.3	250.8	707.7	1614.8	*1920.6*	1684.9	1124.7	645.3	246.1	119.3
82.5°	68.0	66.4	92.2	275.3	789.0	*1077.8*	879.6	501.7	233.1	66.6	39.6
85°	25.4	25.1	44.8	95.1	278.3	*444.5*	321.7	128.3	58.1	32.5	17.8
87.5°	7.1	6.9	9.7	33.0	67.8	*102.9*	55.0	21.1	16.4	12.8	5.2
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°	511.2	511.2	511.2	511.2	511.2	511.2	511.2	511.2	511.2	511.2	511.2
2.5°	512.8	514.0	516.1	517.8	519.9	522.3	525.6	527.7	529.9	531.3	530.4
5°	514.9	517.6	523.0	528.5	534.9	540.8	547.7	552.6	556.7	557.9	558.3
7.5°	519.7	524.0	533.2	542.4	552.6	562.4	572.3	580.9	587.7	590.3	590.6
10°	528.0	533.7	546.7	559.8	573.3	588.2	601.0	613.3	623.1	627.1	627.3
12.5°	538.4	545.5	562.6	580.6	599.3	620.0	636.6	651.7	663.8	669.3	669.3
15°	551.9	561.2	583.0	607.2	634.7	663.4	684.5	701.3	714.8	721.4	721.0
17.5°	566.6	579.0	606.5	643.0	682.3	720.0	744.7	757.0	771.0	777.4	777.2
20°	580.9	596.0	635.4	688.5	740.9	781.0	800.9	804.2	805.1	805.8	807.7
22.5°	595.6	615.9	671.7	745.9	802.1	829.8	832.6	818.4	798.5	789.2	791.9
25°	611.7	638.7	719.1	809.2	854.7	858.0	836.2	801.6	763.9	746.6	749.2
27.5°	627.3	665.0	776.0	869.6	892.6	863.5	816.5	767.4	721.9	703.7	705.8
30°	643.0	695.1	838.8	922.5	909.9	849.9	785.5	730.7	684.9	665.7	667.9
32.5°	658.9	730.2	911.1	960.7	906.8	821.3	746.8	689.4	649.1	629.0	631.6
35°	676.9	773.4	979.6	981.5	886.2	779.1	695.8	640.1	605.0	588.9	592.5
37.5°	700.3	828.1	1040.1	986.7	850.2	717.2	632.5	581.8	552.9	545.5	550.7
40°	729.5	894.0	1086.3	978.4	796.8	642.0	563.3	522.8	506.4	508.1	513.8
42.5°	767.4	967.8	1118.8	957.1	722.6	564.5	502.6	484.6	492.4	499.1	505.2
45°	816.8	1044.3	1138.9	920.8	638.7	498.8	466.8	471.1	477.0	477.7	482.5
47.5°	879.8	1121.9	1152.2	866.1	553.1	452.6	444.1	445.0	443.8	438.8	442.6
50°	958.5	1197.3	1164.1	793.5	480.3	423.7	412.3	409.0	392.6	376.5	378.6
52.5°	1048.1	1266.5	1169.1	703.4	423.7	399.5	381.0	360.1	329.5	324.6	326.2
55°	1147.7	1330.5	1156.3	592.7	376.0	368.4	340.5	315.3	312.0	307.7	308.4
57.5°	1266.7	1399.5	1130.2	469.2	327.2	332.2	304.9	307.7	301.8	295.2	294.0
60°	1396.9	1470.9	1084.4	356.6	276.7	286.9	295.6	295.4	293.7	288.3	286.4
62.5°	1514.0	1517.8	994.3	273.1	232.3	251.8	275.7	275.5	274.1	271.0	269.8
65°	1583.7	1510.7	844.0	215.0	195.8	222.9	248.7	250.6	250.8	250.6	250.6
67.5°	1571.4	1427.5	637.8	171.2	165.7	193.5	221.9	224.5	226.4	226.9	227.4
70°	1432.0	1244.7	415.8	136.6	138.9	167.6	196.5	199.1	200.8	202.7	203.7
72.5°	1116.2	915.1	238.0	110.5	115.5	145.3	171.4	174.5	175.4	179.0	180.4
75°	*680.2*	*538.2*	*128.5*	*87.0*	*94.8*	*124.2*	*146.5*	*150.1*	*151.7*	*156.0*	*156.5*
77.5°	323.4	233.1	73.3	67.8	76.3	101.5	123.8	127.8	123.3	125.7	123.8
80°	109.3	86.5	46.2	51.7	58.3	79.2	99.1	103.1	93.6	93.2	92.2
82.5°	38.2	35.1	29.4	34.4	37.7	56.7	74.9	80.1	69.7	69.5	66.1
85°	14.9	14.2	16.4	18.7	22.5	34.9	49.3	51.9	42.9	34.6	34.1
87.5°	3.1	3.3	4.0	4.3	6.9	12.1	17.8	21.8	17.3	14.7	13.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

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(END OF REPORT)