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: P1201131

Luminaire Tested: GWC-SB1A-735-U-SL3

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201131
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-12)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1A-735-U-SL3
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE III SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4408 lumens
Efficiency:	N/A
Efficacy:	142.7 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

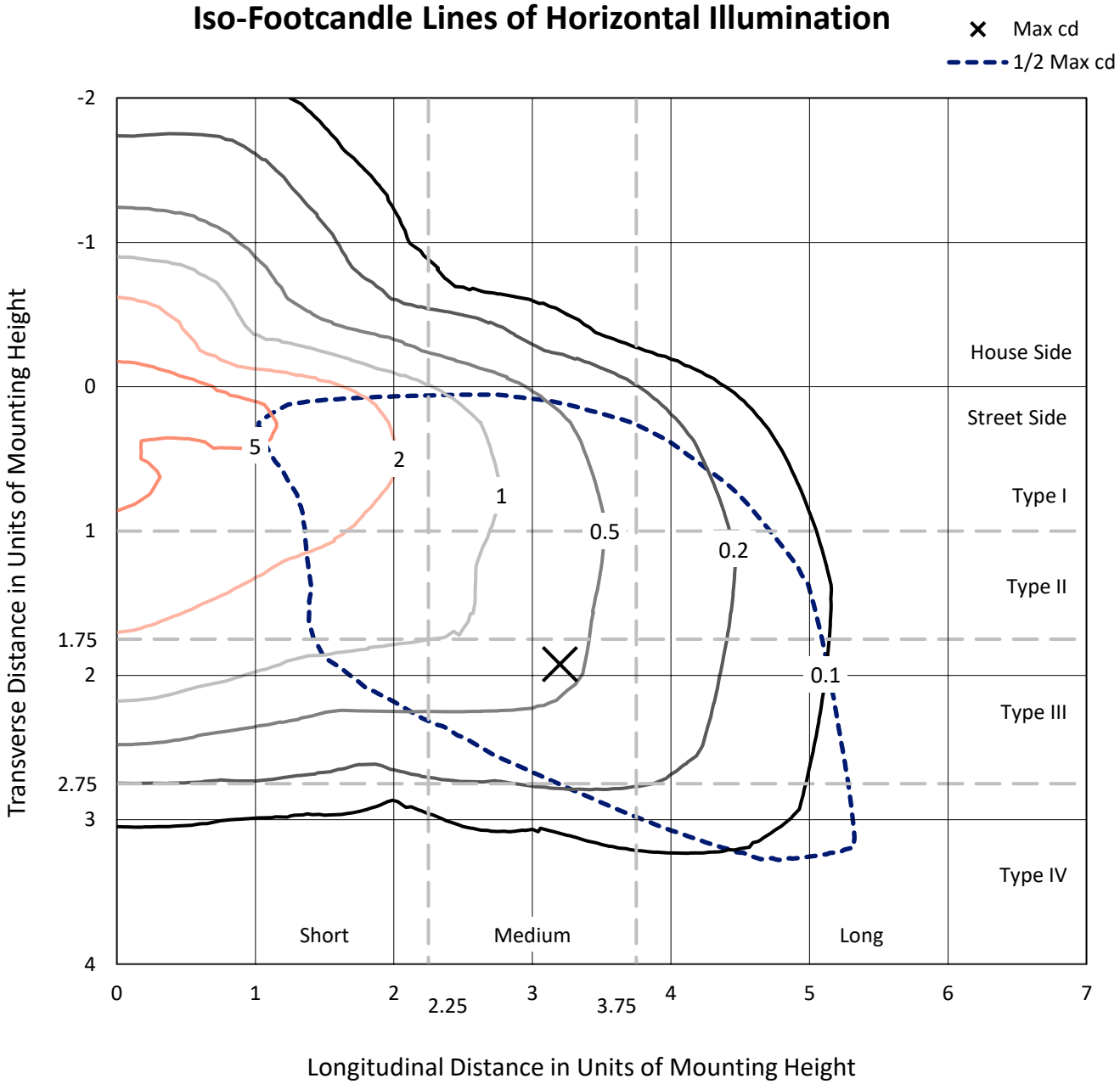


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Iso-Footcandle Lines of Horizontal Illumination



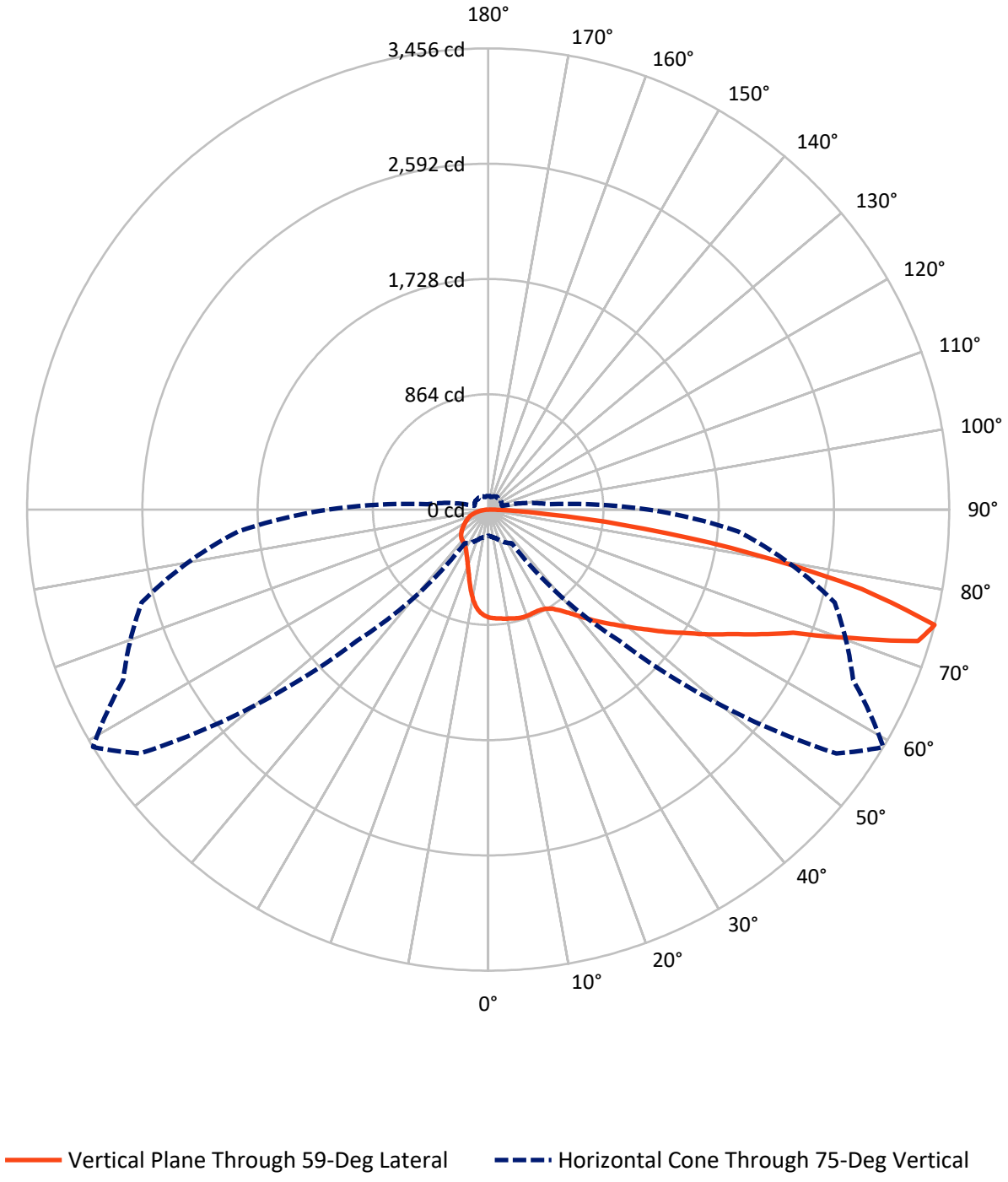
Based on 10 foot mounting height. Maximum calculated value = 8.1 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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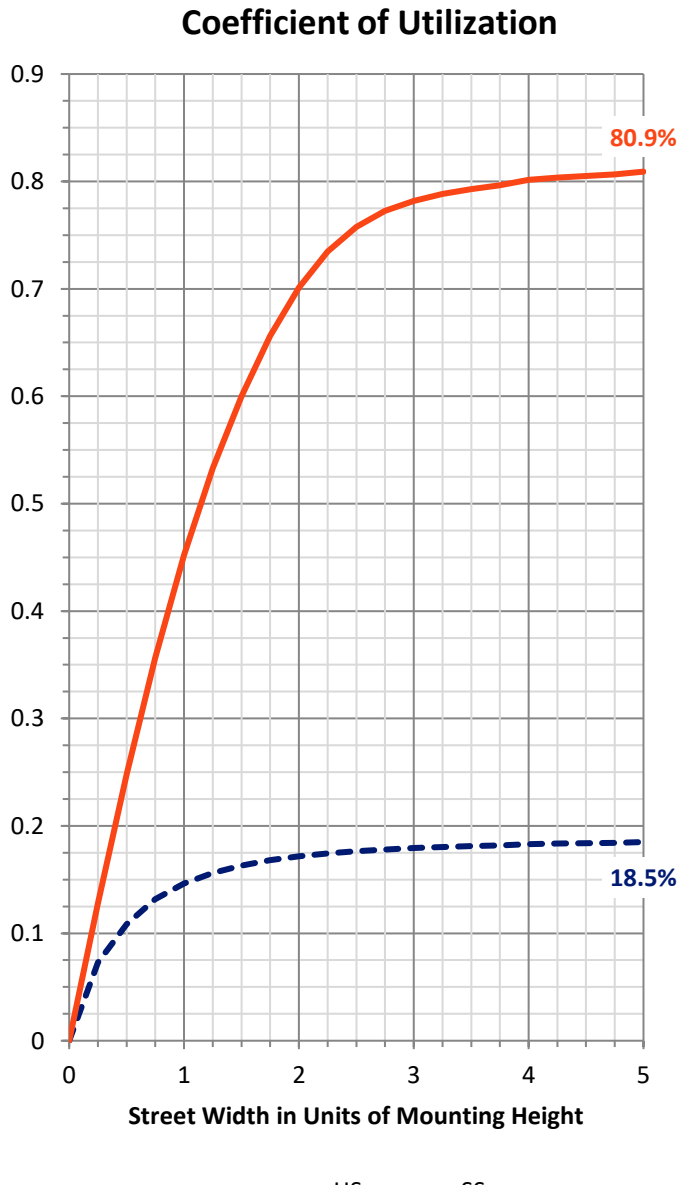
REPORT NUMBER: P1201131
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	826.8	0.0	826.8
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	3581.2	0.0	3581.2
	% Fixture	81.2	0.0	81.2
Total	Lumens	4408.0	0.0	4408.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.5	1.6
10°-20°	185.4	4.2
20°-30°	281.7	6.4
30°-40°	418.7	9.5
40°-50°	622.6	14.1
50°-60°	845.2	19.2
60°-70°	1031.8	23.4
70°-80°	809.8	18.4
80°-90°	140.3	3.2
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°	4408.0	100.0
0°-180°	4408.0	100.0



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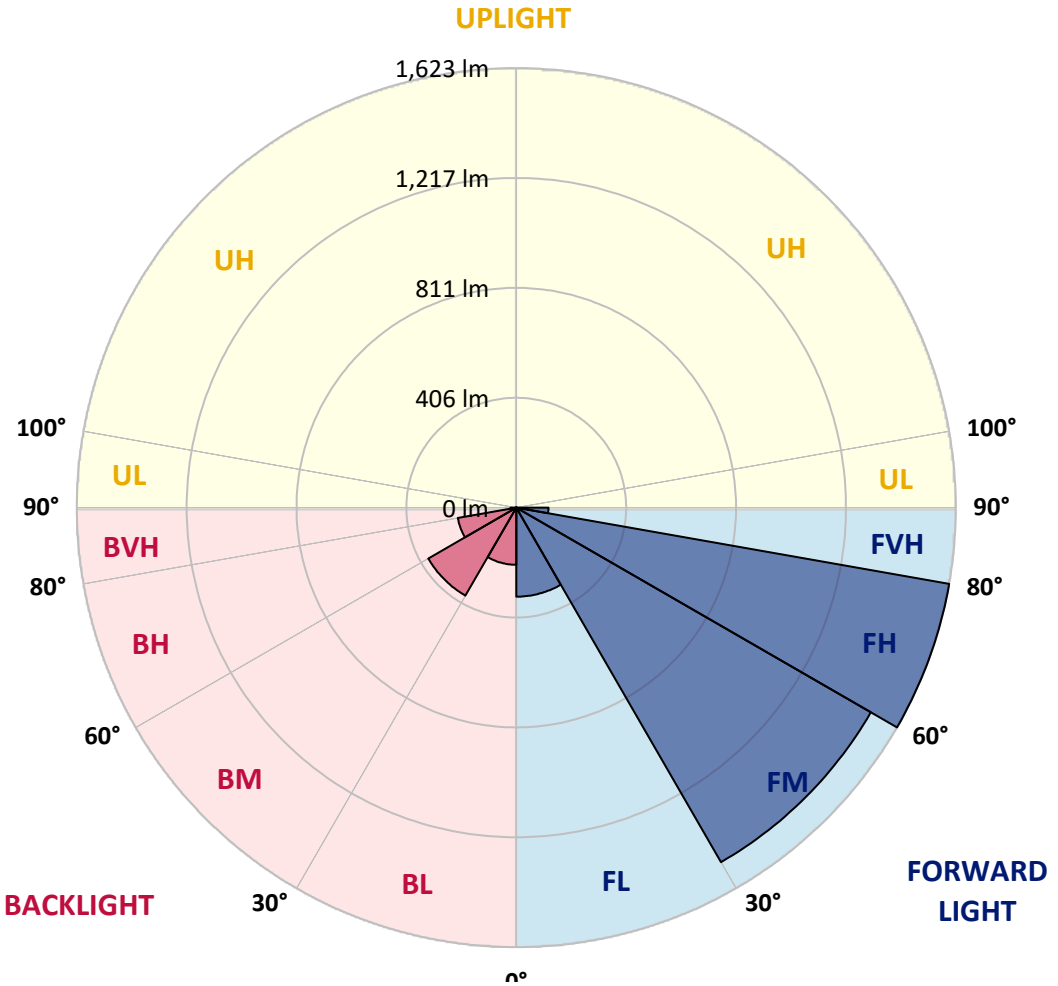
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	328.7	7.5			
FM	(30°-60°)	1511.2	34.3			
FH	(60°-80°)	1622.5	36.8			G1/1800
FVH	(80°-90°)	118.8	2.7			G2/225
BL	(0°-30°)	211.0	4.8	B1/500		
BM	(30°-60°)	375.3	8.5	B1/1000		
BH	(60°-80°)	219.0	5.0	B1/500		G1/500
BVH	(80°-90°)	21.5	0.5			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°	45°	55°	59°	65°	75°	85°
0°	809.1	809.1	809.1	809.1	809.1	809.1	809.1	*809.1*	809.1	809.1	809.1
2.5°	816.0	813.1	816.0	814.8	814.3	813.3	813.6	*815.2*	814.3	815.5	811.4
5°	810.5	808.8	811.7	811.0	814.1	814.5	817.6	*819.5*	820.7	820.9	817.9
7.5°	801.5	799.8	803.9	807.2	813.8	815.7	822.1	*825.2*	826.9	829.7	825.2
10°	768.5	767.8	777.8	790.3	806.0	815.7	825.4	*830.7*	833.3	840.9	835.6
12.5°	710.2	711.1	724.2	748.4	779.7	811.0	829.2	*836.8*	840.9	850.3	848.0
15°	654.5	654.2	668.5	694.3	738.2	790.1	831.1	*844.2*	851.1	865.0	863.1
17.5°	622.2	621.3	631.2	650.9	691.7	758.1	826.4	*848.2*	862.9	880.5	878.8
20°	616.3	614.4	619.6	629.3	658.3	723.0	814.1	*848.2*	872.4	895.2	894.2
22.5°	637.9	634.8	632.7	631.5	644.3	694.1	800.1	*845.4*	886.4	916.3	914.6
25°	681.3	676.5	665.6	654.9	651.2	681.0	787.7	*844.6*	907.2	944.7	938.6
27.5°	751.5	745.5	723.5	697.9	674.9	687.7	782.3	*848.9*	930.3	974.8	962.5
30°	838.5	832.1	804.3	765.0	723.7	712.3	789.2	*861.5*	959.7	1014.9	990.7
32.5°	916.5	909.4	885.7	845.6	789.9	755.0	811.0	*885.4*	1005.9	1070.6	1033.2
35°	985.7	977.4	956.1	919.1	871.0	815.0	850.3	*927.9*	1071.6	1161.2	1090.8
37.5°	1053.6	1043.8	1020.6	981.5	947.8	894.9	904.6	*982.4*	1158.8	1271.2	1167.1
40°	1129.4	1115.4	1087.2	1048.6	1015.9	988.6	976.0	*1049.3*	1247.5	1394.1	1262.5
42.5°	1202.9	1189.7	1156.0	1123.0	1082.0	1074.2	1058.8	*1127.5*	1344.5	1529.0	1359.2
45°	1282.1	1266.3	1225.5	1183.7	1157.9	1131.1	1138.9	*1205.8*	1439.6	1666.5	1460.7
47.5°	1356.4	1338.6	1290.4	1244.0	1229.7	1179.0	1212.4	*1291.9*	1538.5	1806.0	1561.2
50°	1396.4	1378.9	1338.8	1296.8	1285.7	1238.0	1292.1	*1386.5*	1642.1	1944.9	1657.8
52.5°	1429.9	1410.9	1358.5	1335.3	1331.9	1302.3	1390.3	*1494.6*	1745.7	2067.8	1750.9
55°	1465.4	1444.3	1377.5	1356.6	1371.8	1374.4	1506.7	*1617.2*	1855.3	2187.5	1838.9
57.5°	1506.5	1479.7	1395.7	1374.6	1410.7	1458.8	1640.4	*1744.3*	1962.9	2298.5	1917.2
60°	1545.1	1518.1	1430.8	1403.3	1452.6	1556.7	1793.9	*1898.2*	2084.8	2397.4	1991.2
62.5°	1552.7	1530.4	1458.8	1458.6	1509.6	1671.0	1975.5	*2053.5*	2191.3	2495.1	2057.6
65°	1421.3	1407.4	1364.9	1456.4	1591.1	1835.6	2177.8	*2252.2*	2326.7	2580.4	2115.9
67.5°	1081.8	1083.7	1080.6	1257.2	1525.2	2072.0	2470.6	*2464.9*	2493.9	2676.2	2183.0
70°	494.6	505.8	578.4	867.9	1221.9	2099.3	2954.8	*2881.1*	2703.7	2800.2	2241.1
72.5°	267.2	275.8	305.4	420.4	734.6	1866.4	3316.7	*3369.1*	2982.8	2883.7	2177.3
75°	*196.1*	*200.8*	*221.5*	*267.2*	*308.5*	*1387.2*	*3187.0*	*3455.9*	*3017.7*	*2689.0*	*1880.2*
77.5°	146.8	148.9	165.8	211.8	157.9	731.3	2546.5	*2862.1*	2583.3	2209.3	1388.9
80°	106.5	108.8	121.4	158.9	110.7	267.5	1748.6	*2008.9*	1769.2	1408.3	692.2
82.5°	73.5	74.5	79.9	108.1	77.3	103.9	992.1	*1178.0*	987.6	494.2	186.9
85°	44.3	45.5	47.9	63.1	43.9	49.3	428.3	*443.0*	295.2	118.1	58.1
87.5°	18.3	19.4	21.3	26.6	17.3	13.8	70.7	*88.7*	55.3	34.6	18.0
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°	809.1	809.1	809.1	809.1	809.1	809.1	809.1	809.1	809.1	809.1	809.1
2.5°	810.3	808.6	804.1	797.9	792.2	785.1	782.0	779.4	777.1	772.6	770.4
5°	815.2	810.7	798.6	783.0	765.2	745.8	726.8	713.8	702.6	694.3	687.4
7.5°	822.8	814.3	792.2	760.2	719.4	677.7	640.0	613.2	593.1	585.7	572.9
10°	830.7	820.5	782.0	725.6	655.2	590.9	540.9	513.4	497.3	492.0	484.0
12.5°	839.9	825.0	766.2	677.5	583.3	512.9	469.3	453.2	444.9	442.0	442.7
15°	853.4	828.8	742.2	617.2	514.8	456.0	427.8	416.6	412.4	412.1	413.1
17.5°	863.6	829.5	705.0	552.7	462.2	421.6	398.4	394.1	397.0	401.2	402.9
20°	875.0	823.1	656.1	493.9	425.2	391.5	381.8	384.6	391.5	397.7	399.8
22.5°	883.1	811.4	597.1	448.2	393.2	374.2	373.7	379.6	383.4	386.5	388.2
25°	890.2	791.8	534.5	409.8	366.8	363.8	369.0	367.1	364.5	367.1	368.7
27.5°	895.4	760.7	478.5	376.1	348.3	356.6	353.6	349.3	349.1	350.5	352.8
30°	893.7	719.2	432.5	344.1	335.3	343.4	336.0	335.3	334.6	335.3	337.9
32.5°	893.7	672.0	397.2	322.0	327.0	323.9	323.2	321.5	318.7	318.5	321.5
35°	898.7	624.8	366.8	310.2	320.1	312.8	313.2	309.2	303.3	300.4	303.3
37.5°	908.9	586.9	336.7	304.5	308.0	307.8	305.9	299.0	288.6	279.6	282.7
40°	933.6	575.7	316.1	301.9	302.3	305.2	300.2	286.9	263.2	248.5	250.4
42.5°	972.2	594.5	311.6	295.5	298.5	301.4	291.7	260.8	244.0	235.2	235.2
45°	1021.3	627.2	321.3	286.2	289.5	294.5	265.6	250.9	243.3	243.5	244.7
47.5°	1083.4	661.6	339.3	278.2	276.5	279.3	248.3	239.3	228.8	231.4	238.1
50°	1155.3	696.4	356.4	267.2	262.0	252.8	237.1	228.6	215.3	209.1	210.8
52.5°	1233.1	730.1	363.3	254.0	246.4	235.7	229.5	219.1	203.0	192.8	192.5
55°	1306.8	760.7	355.7	238.1	230.7	222.4	221.5	215.1	197.8	183.5	183.5
57.5°	1376.5	786.3	336.7	222.0	214.8	209.9	216.3	213.2	191.4	173.1	172.2
60°	1435.6	803.9	309.2	205.6	200.6	198.0	207.7	206.8	182.4	162.0	161.2
62.5°	1482.5	810.7	278.9	189.9	188.8	184.0	195.9	195.9	171.0	151.1	150.3
65°	1519.3	804.1	248.0	174.5	176.9	169.8	181.4	180.0	158.9	141.3	140.4
67.5°	1551.8	782.3	213.9	159.3	164.8	155.8	166.2	162.9	145.6	131.6	130.7
70°	1566.2	731.5	175.0	144.2	150.8	142.0	151.1	144.9	130.7	121.2	119.3
72.5°	1450.0	608.0	137.8	128.3	134.0	126.9	134.7	127.6	114.5	110.3	106.7
75°	*1199.6*	*456.2*	*106.0*	*111.0*	*115.2*	*109.8*	*115.0*	*109.8*	*97.9*	*101.0*	*92.2*
77.5°	871.2	308.0	81.1	92.7	94.6	91.8	96.3	90.3	79.7	79.0	75.4
80°	433.2	180.5	63.6	73.3	72.6	70.7	75.9	73.0	64.0	67.8	67.1
82.5°	125.4	77.3	46.2	51.5	50.0	50.5	54.3	55.7	83.5	82.8	84.7
85°	39.4	30.4	27.7	28.7	27.3	28.0	32.0	63.6	58.8	34.4	37.2
87.5°	10.2	10.4	6.9	7.4	7.6	9.0	10.2	38.7	18.5	12.1	12.8
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)