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: P1201964

Luminaire Tested: GWC-SB1C-827-U-SL2-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201964
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-11)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-827-U-SL2-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE II SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5306 lumens
Efficiency:	N/A
Efficacy:	97.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
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

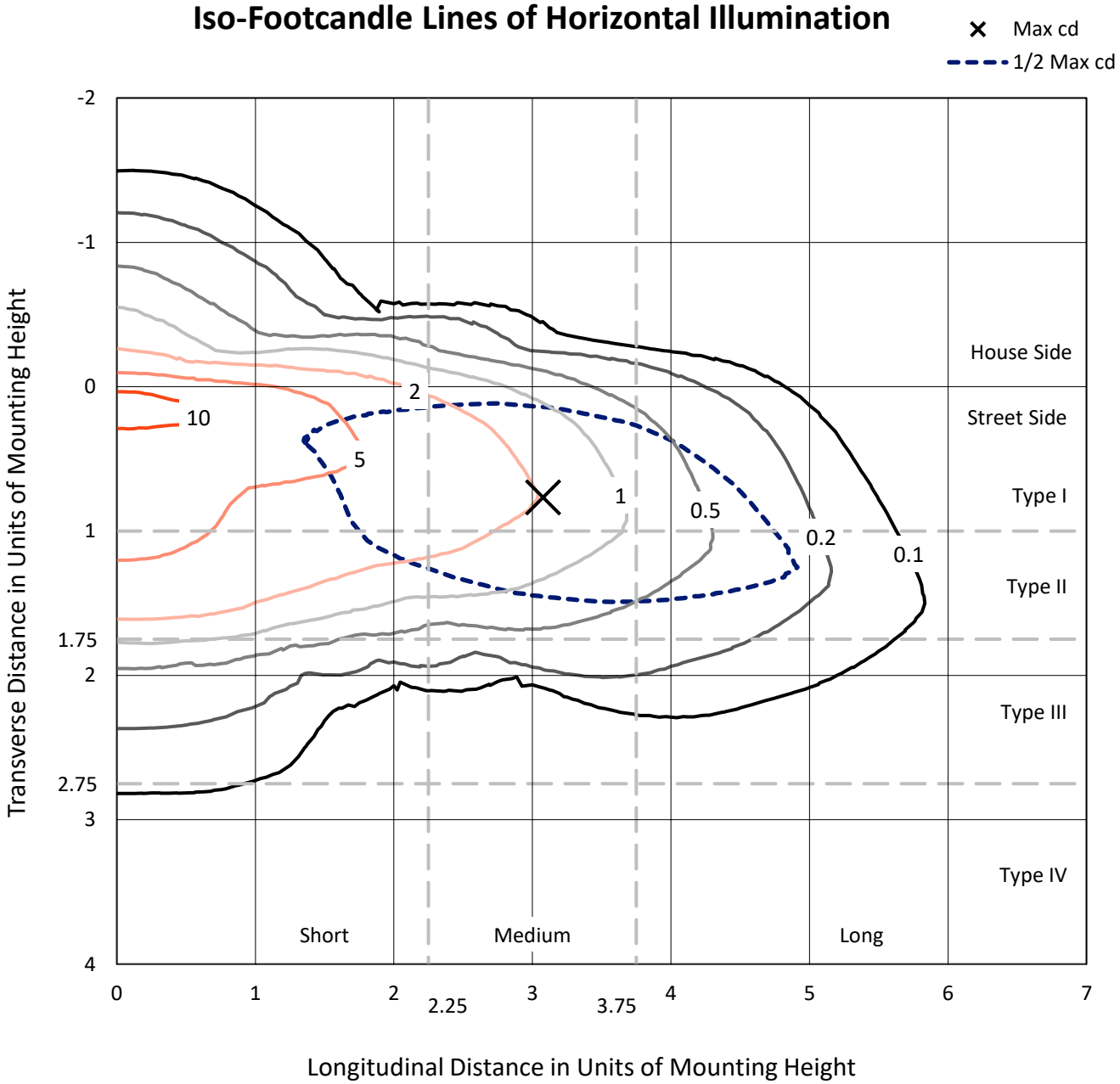


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Iso-Footcandle Lines of Horizontal Illumination



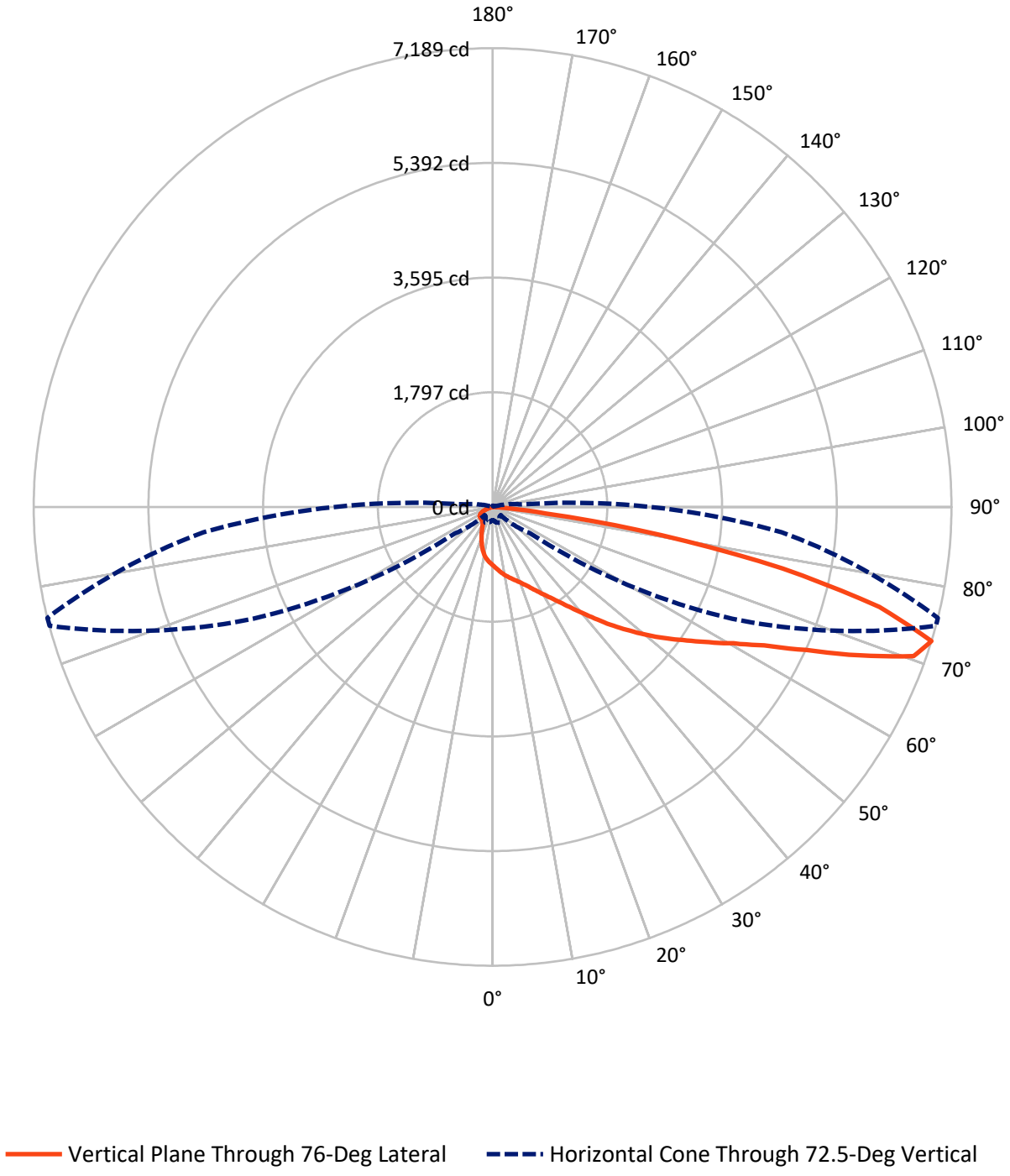
Based on 10 foot mounting height. Maximum calculated value = 12.1 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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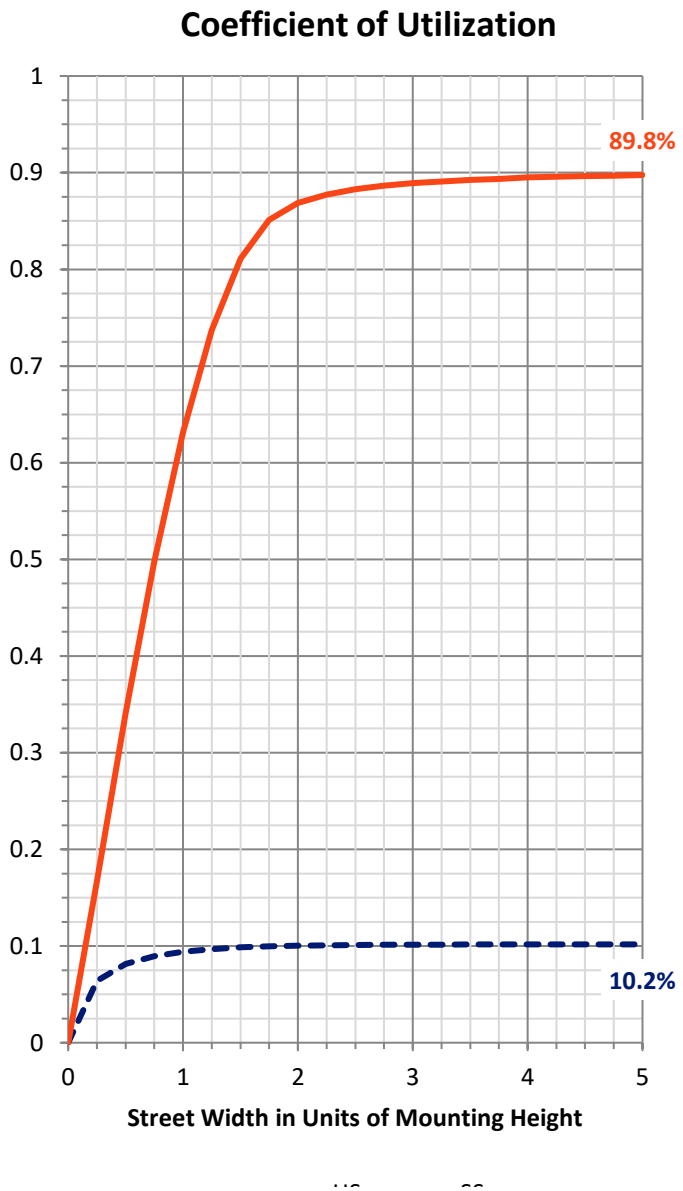
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	543.1	0.0	543.1
	% Fixture	10.2	0.0	10.2
Street Side	Lumens	4762.9	0.0	4762.9
	% Fixture	89.8	0.0	89.8
Total	Lumens	5306.0	0.0	5306.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.4	1.6
10°-20°	223.6	4.2
20°-30°	353.9	6.7
30°-40°	547.5	10.3
40°-50°	831.6	15.7
50°-60°	1146.5	21.6
60°-70°	1211.2	22.8
70°-80°	830.9	15.7
80°-90°	77.3	1.5
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°	5306.0	100.0
0°-180°	5306.0	100.0



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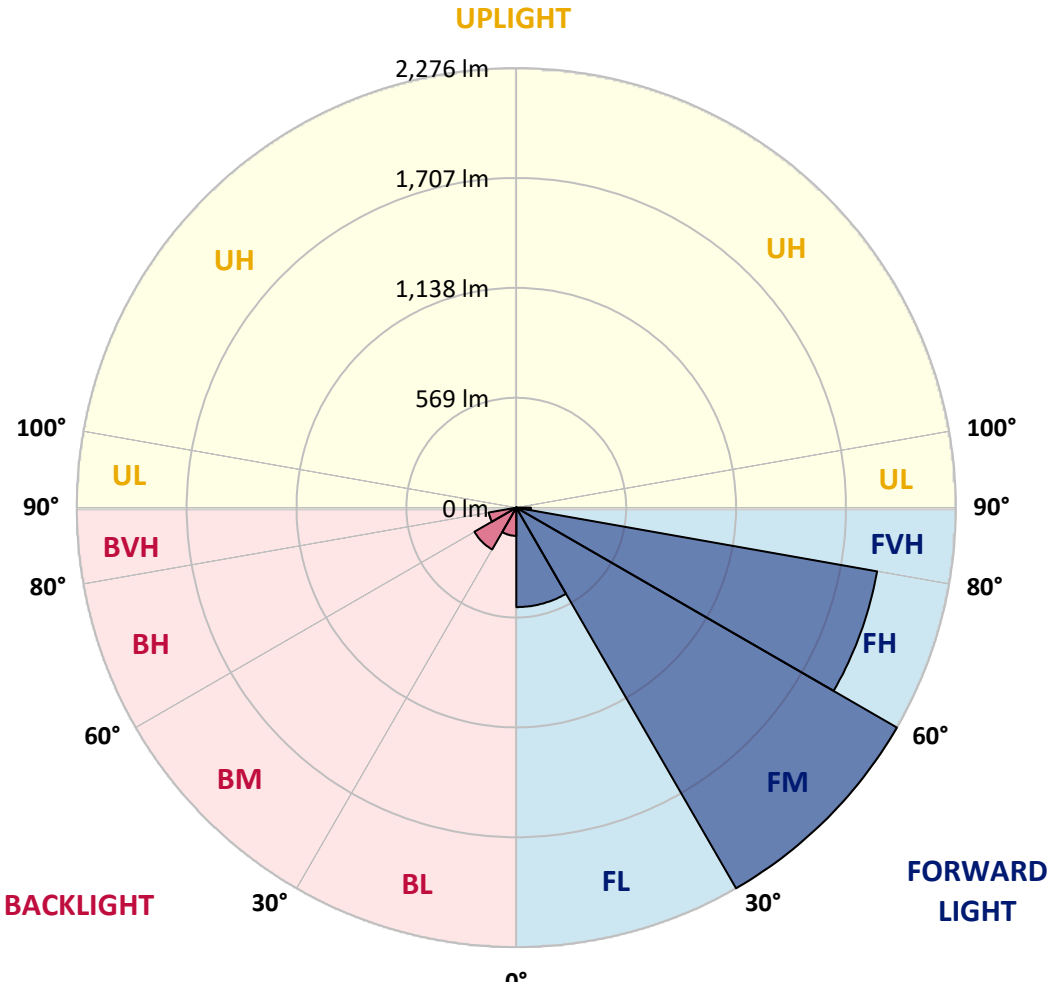
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	514.9	9.7			
FM	(30°-60°)	2275.6	42.9			
FH	(60°-80°)	1897.1	35.8			G2/5000
FVH	(80°-90°)	75.2	1.4			G1/100
BL	(0°-30°)	146.0	2.8	B1/500		
BM	(30°-60°)	250.0	4.7	B1/1000		
BH	(60°-80°)	145.0	2.7	B1/500		G1/500
BVH	(80°-90°)	2.1	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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	916.9	916.9	916.9	916.9	916.9	916.9	916.9	916.9	916.9	*916.9*	916.9
2.5°	1066.0	1051.8	1054.6	1040.5	1033.9	1018.1	1001.6	979.9	955.8	*955.8*	932.4
5°	1178.2	1169.2	1169.2	1152.7	1140.0	1115.2	1085.6	1047.4	1001.9	*997.5*	953.1
7.5°	1247.0	1241.5	1244.9	1235.3	1225.0	1199.2	1164.1	1114.1	1049.8	*1044.3*	977.5
10°	1260.4	1260.1	1269.7	1272.5	1279.4	1266.3	1235.0	1177.5	1096.9	*1089.0*	998.5
12.5°	1208.5	1201.9	1225.7	1253.5	1292.8	1310.3	1294.2	1235.3	1140.0	*1128.9*	1018.1
15°	1123.1	1124.5	1147.2	1190.2	1255.6	1318.2	1339.2	1291.7	1183.7	*1170.6*	1036.7
17.5°	1074.2	1069.1	1088.7	1127.2	1199.5	1288.0	1360.2	1344.4	1230.1	*1215.3*	1055.6
20°	1068.4	1068.0	1072.5	1090.1	1145.1	1244.6	1357.8	1395.7	1284.9	*1267.7*	1082.8
22.5°	1109.0	1108.3	1104.5	1101.1	1116.2	1202.3	1347.5	1444.6	1350.3	*1331.7*	1121.4
25°	1171.3	1170.2	1164.4	1143.4	1128.6	1179.5	1337.9	1490.0	1427.7	*1407.0*	1168.2
27.5°	1247.3	1246.7	1236.0	1204.3	1166.1	1181.6	1333.0	1536.8	1517.2	*1496.9*	1222.2
30°	1340.6	1339.2	1317.2	1272.5	1222.6	1214.3	1339.6	1589.5	1610.5	*1595.0*	1284.5
32.5°	1457.6	1453.9	1424.9	1357.5	1287.6	1258.0	1352.0	1643.5	1721.0	*1706.5*	1367.8
35°	1548.2	1542.3	1525.5	1465.9	1363.0	1311.7	1380.9	1707.5	1853.8	*1841.1*	1474.2
37.5°	1626.0	1620.1	1606.3	1557.5	1471.1	1380.2	1427.4	1792.9	2010.8	*2004.6*	1603.9
40°	1709.9	1700.3	1693.8	1641.4	1563.3	1479.0	1493.8	1892.7	2191.5	*2192.1*	1759.8
42.5°	1774.6	1770.9	1771.5	1731.3	1652.5	1596.0	1581.9	2005.3	2408.0	*2414.5*	1947.4
45°	1830.1	1827.0	1839.7	1811.5	1742.3	1672.8	1685.2	2132.6	2644.8	*2658.2*	2157.4
47.5°	1872.7	1876.2	1894.4	1876.2	1835.6	1726.8	1776.7	2269.9	2893.6	*2895.3*	2374.2
50°	1915.4	1916.8	1947.1	1938.1	1921.6	1795.3	1861.0	2423.4	3155.9	*3159.0*	2577.0
52.5°	1928.8	1926.8	1975.0	1997.0	1997.7	1880.0	1970.1	2590.7	3413.0	*3423.0*	2785.5
55°	1860.0	1865.9	1943.6	2033.1	2068.6	1997.0	2117.5	2802.4	3687.0	*3691.1*	2992.0
57.5°	1523.4	1555.7	1727.8	1935.4	2114.4	2164.6	2329.1	3049.9	4003.3	*3999.5*	3201.3
60°	924.5	963.0	1168.9	1623.2	1965.0	2332.9	2641.0	3433.3	4348.8	*4338.2*	3413.0
62.5°	517.0	528.7	594.4	971.6	1494.5	2225.9	2945.6	3925.8	4812.8	*4776.7*	3621.2
65°	381.0	384.8	400.3	476.0	734.5	1712.0	2878.8	4514.7	5464.7	*5400.3*	3870.8
67.5°	331.1	334.9	350.0	360.4	328.0	899.4	2371.8	4841.4	6292.5	*6208.2*	4208.4
70°	278.8	280.9	305.3	312.2	234.7	342.1	1523.7	4740.5	7058.7	*6998.4*	4570.8
72.5°	*207.9*	*216.2*	*251.6*	*268.1*	*188.3*	*181.7*	*717.3*	*4144.7*	*7188.4*	*7189.1*	*4546.4*
75°	141.1	148.7	189.3	220.6	145.2	127.4	289.5	3095.0	6259.4	*6259.4*	3985.4
77.5°	96.4	102.6	131.8	173.1	110.1	87.4	150.1	1964.3	4490.7	*4648.6*	2840.6
80°	42.7	46.5	85.0	125.6	83.6	56.4	85.0	1075.6	2715.7	*2682.3*	1113.5
82.5°	21.0	24.1	54.4	78.5	54.0	34.8	44.7	511.5	880.1	*836.4*	173.8
85°	4.1	5.5	29.3	33.4	25.1	15.5	16.9	157.3	106.0	*121.2*	36.8
87.5°	0.0	0.0	8.9	6.2	2.8	3.4	3.4	14.1	8.3	*9.6*	9.6
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°	916.9	916.9	916.9	916.9	916.9	916.9	916.9	916.9	916.9	916.9	916.9
2.5°	920.0	907.3	879.4	851.9	823.6	797.8	779.9	762.0	751.0	746.2	746.9
5°	927.2	901.4	842.9	781.7	721.1	661.9	617.5	575.8	562.8	541.1	542.4
7.5°	938.6	896.6	804.4	701.1	602.7	515.9	453.3	403.4	383.4	364.2	363.8
10°	946.2	887.7	753.4	615.4	482.2	384.8	324.9	288.8	275.7	264.0	263.6
12.5°	949.3	871.1	694.9	519.4	375.2	293.3	257.5	240.6	236.1	232.0	232.0
15°	952.0	855.0	629.5	426.8	296.3	245.4	231.3	225.8	222.7	219.9	219.9
17.5°	954.4	834.3	554.8	346.9	250.2	226.1	219.2	213.4	211.0	207.9	207.9
20°	962.7	814.4	488.1	286.4	225.1	212.4	204.8	198.6	196.5	194.5	194.8
22.5°	978.2	798.2	423.4	245.4	210.0	198.3	188.6	181.7	180.4	179.0	177.9
25°	996.8	778.2	362.4	218.9	195.2	182.1	171.4	165.6	164.2	164.5	163.8
27.5°	1020.5	756.2	310.1	202.0	182.1	166.9	154.9	150.4	151.1	152.5	151.8
30°	1046.7	735.9	269.2	190.3	170.4	153.5	141.5	138.4	140.8	142.8	142.2
32.5°	1085.6	718.0	240.6	181.0	160.0	142.5	132.9	129.1	131.8	134.6	133.9
35°	1138.6	709.0	224.4	173.1	151.1	133.9	124.3	121.5	124.3	124.9	124.6
37.5°	1203.6	708.3	217.5	166.6	142.8	126.7	116.0	115.0	117.0	117.4	116.7
40°	1287.6	712.8	212.4	161.8	134.2	118.4	108.4	107.4	108.1	110.5	110.1
42.5°	1394.0	731.4	205.1	155.6	124.9	110.1	102.2	99.8	99.5	102.2	101.9
45°	1527.5	772.4	195.5	145.6	116.7	103.3	95.3	92.6	91.6	92.2	93.3
47.5°	1673.1	822.6	185.9	136.3	110.8	97.8	89.8	86.4	84.7	84.7	84.7
50°	1814.2	879.4	179.3	126.7	106.7	92.6	84.0	80.5	77.8	77.1	76.8
52.5°	1954.0	935.2	174.2	117.0	101.9	86.0	78.5	74.7	71.6	70.2	69.5
55°	2081.3	988.2	165.2	107.7	95.7	79.2	73.0	69.2	65.4	63.0	62.0
57.5°	2203.5	1032.2	148.7	98.1	86.0	72.6	67.1	63.0	58.5	55.4	54.0
60°	2314.7	1054.9	128.0	87.8	76.4	65.7	60.6	56.8	50.9	45.8	44.4
62.5°	2399.4	1046.0	105.7	76.1	66.4	59.5	53.0	49.2	42.3	36.1	33.7
65°	2486.1	997.1	84.3	63.7	58.2	51.3	44.4	40.6	32.7	26.2	24.4
67.5°	2598.6	892.8	66.4	53.0	50.3	40.6	34.8	32.4	26.8	20.7	19.3
70°	2670.9	693.5	51.6	43.0	41.3	29.6	26.8	26.5	21.3	15.8	14.1
72.5°	*2472.7*	*454.7*	*39.6*	*32.7*	*29.6*	*19.3*	*20.7*	*20.7*	*15.5*	*10.7*	*9.3*
75°	2064.1	266.1	28.6	23.4	16.9	12.4	14.1	14.1	9.6	5.2	4.1
77.5°	1474.2	141.8	18.9	14.5	8.6	5.5	7.6	7.2	3.1	0.3	0.0
80°	563.8	48.9	8.9	5.9	2.4	1.0	0.7	0.3	0.3	0.0	0.0
82.5°	86.0	12.7	1.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	15.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.4	0.0	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)