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: P1201502

Luminaire Tested: GWC-SB1B-735-U-SL2-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201502
	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-SB1B-735-U-SL2-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 450mA 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:	4589 lumens
Efficiency:	N/A
Efficacy:	115.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
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

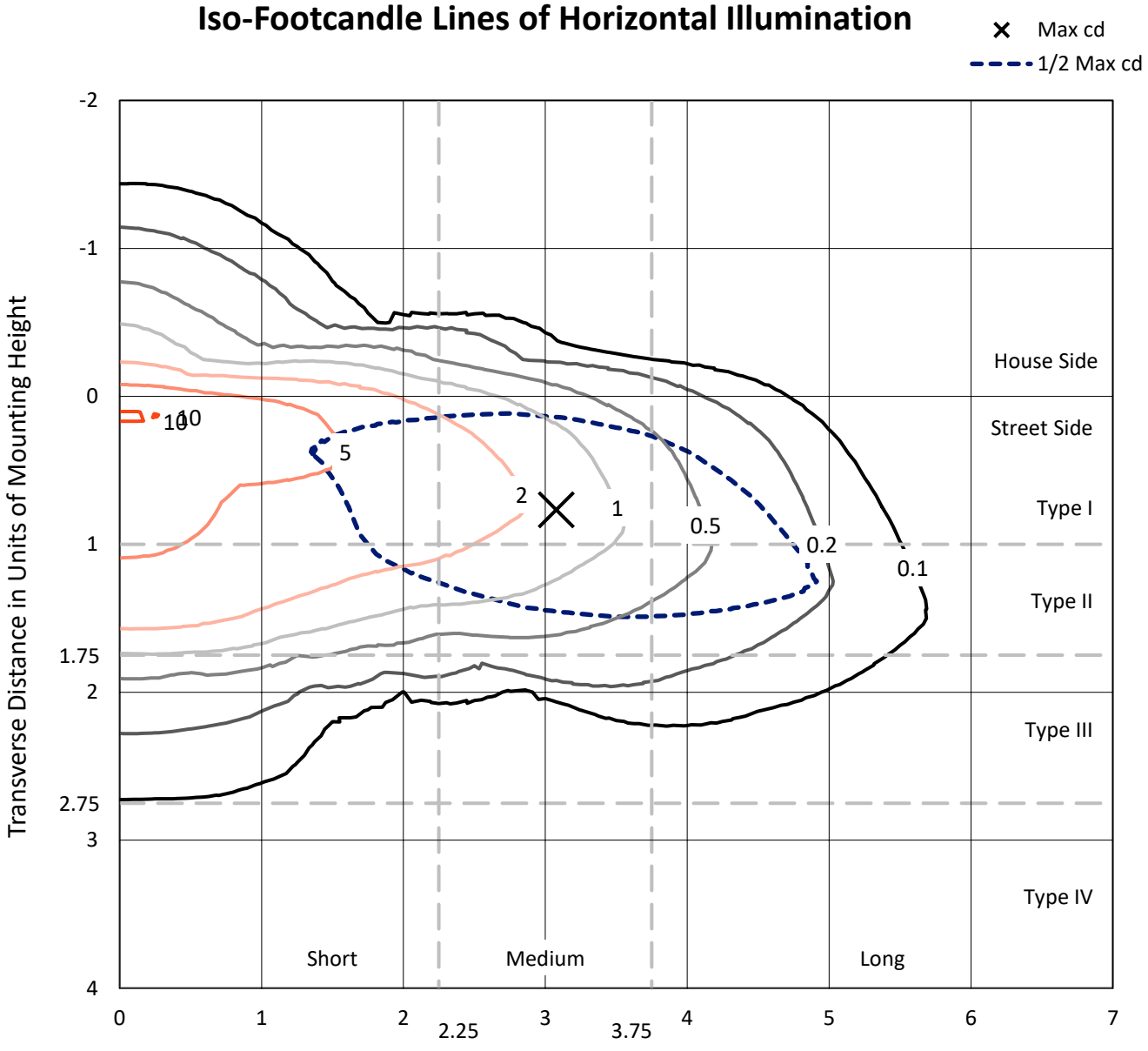


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Iso-Footcandle Lines of Horizontal Illumination



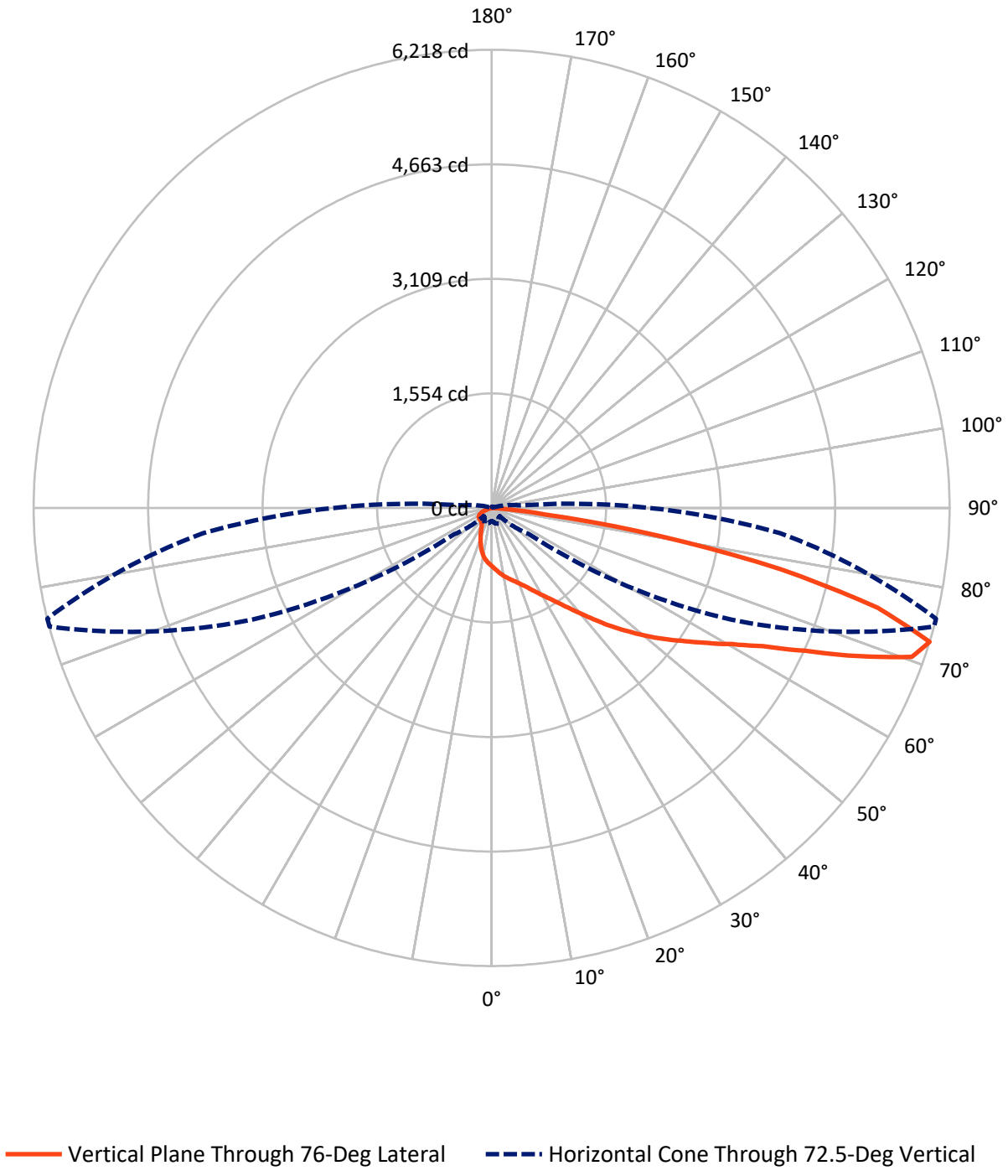
Based on 10 foot mounting height. Maximum calculated value = 10.5 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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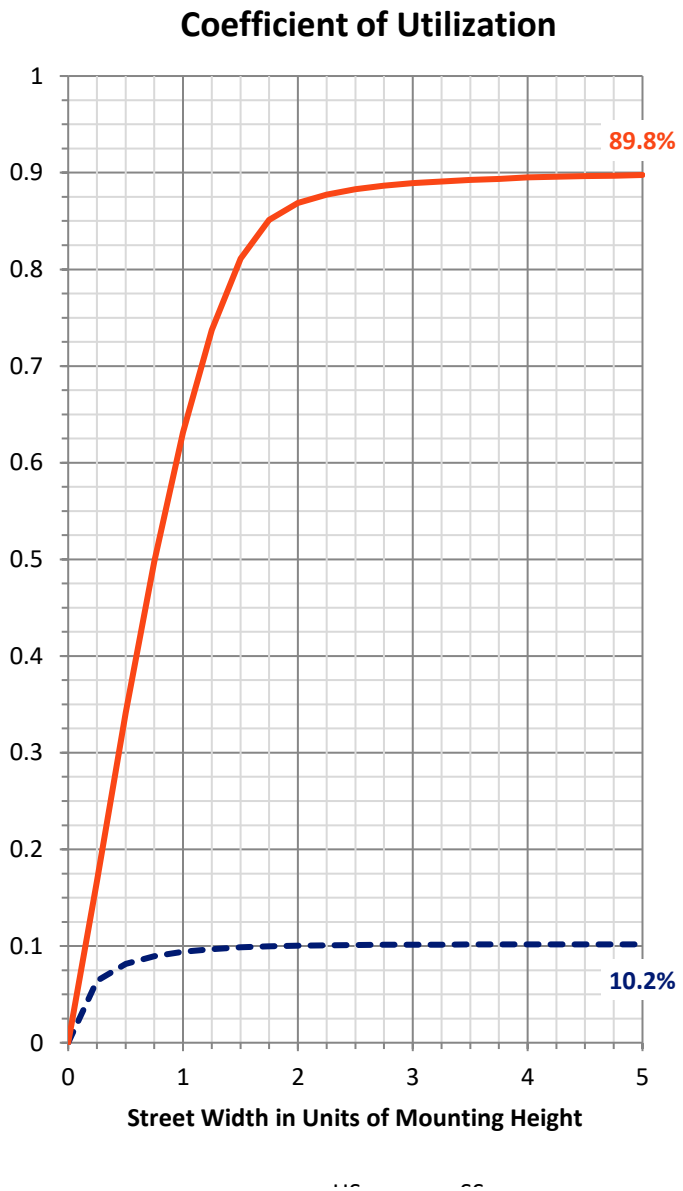
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	469.7	0.0	469.7
	% Fixture	10.2	0.0	10.2
Street Side	Lumens	4119.3	0.0	4119.3
	% Fixture	89.8	0.0	89.8
Total	Lumens	4589.0	0.0	4589.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.1	1.6
10°-20°	193.4	4.2
20°-30°	306.1	6.7
30°-40°	473.6	10.3
40°-50°	719.3	15.7
50°-60°	991.6	21.6
60°-70°	1047.5	22.8
70°-80°	718.6	15.7
80°-90°	66.9	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°	4589.0	100.0
0°-180°	4589.0	100.0



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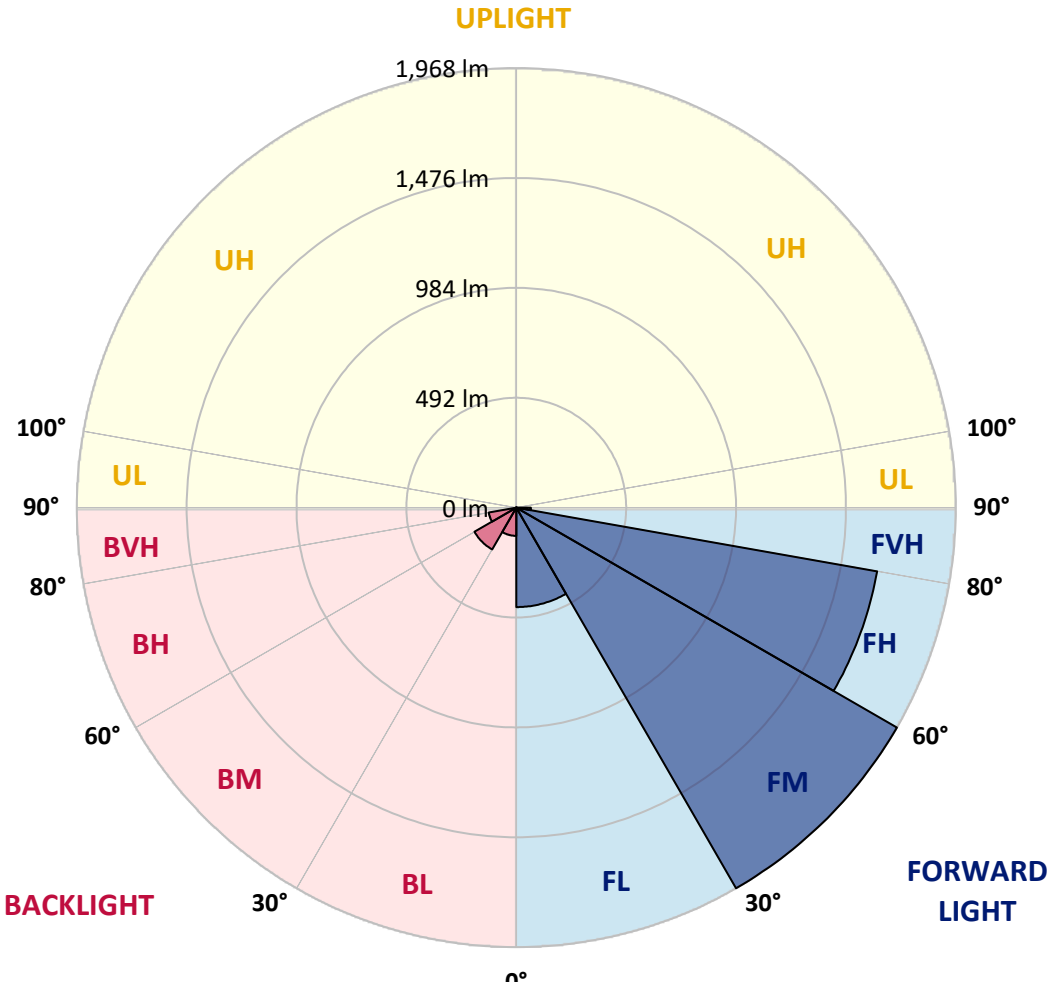
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	445.4	9.7			
FM	(30°-60°)	1968.1	42.9			
FH	(60°-80°)	1640.8	35.8			G1/1800
FVH	(80°-90°)	65.1	1.4			G1/100
BL	(0°-30°)	126.2	2.8	B1/500		
BM	(30°-60°)	216.2	4.7	B0/220		
BH	(60°-80°)	125.4	2.7	B1/500		G1/500
BVH	(80°-90°)	1.8	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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	793.0	793.0	793.0	793.0	793.0	793.0	793.0	793.0	793.0	*793.0*	793.0
2.5°	921.9	909.7	912.1	899.9	894.2	880.5	866.2	847.5	826.7	*826.7*	806.4
5°	1019.0	1011.2	1011.2	996.9	985.9	964.5	938.9	905.8	866.5	*862.7*	824.3
7.5°	1078.5	1073.7	1076.7	1068.4	1059.4	1037.1	1006.8	963.6	907.9	*903.2*	845.4
10°	1090.1	1089.8	1098.1	1100.5	1106.5	1095.2	1068.1	1018.4	948.7	*941.9*	863.6
12.5°	1045.2	1039.5	1060.0	1084.2	1118.1	1133.3	1119.3	1068.4	985.9	*976.4*	880.5
15°	971.3	972.5	992.2	1029.4	1085.9	1140.1	1158.3	1117.2	1023.7	*1012.4*	896.6
17.5°	929.1	924.6	941.6	974.9	1037.4	1113.9	1176.4	1162.7	1063.9	*1051.1*	913.0
20°	924.0	923.7	927.6	942.8	990.4	1076.4	1174.3	1207.1	1111.2	*1096.4*	936.5
22.5°	959.1	958.5	955.3	952.3	965.4	1039.8	1165.4	1249.4	1167.8	*1151.7*	969.8
25°	1013.0	1012.1	1007.1	988.9	976.1	1020.1	1157.1	1288.7	1234.8	*1216.9*	1010.3
27.5°	1078.8	1078.2	1069.0	1041.6	1008.5	1021.9	1152.9	1329.1	1312.2	*1294.6*	1057.1
30°	1159.5	1158.3	1139.2	1100.5	1057.4	1050.2	1158.6	1374.7	1392.8	*1379.4*	1110.9
32.5°	1260.7	1257.4	1232.4	1174.0	1113.6	1088.0	1169.3	1421.4	1488.4	*1475.9*	1183.0
35°	1339.0	1333.9	1319.3	1267.8	1178.8	1134.5	1194.3	1476.8	1603.3	*1592.3*	1275.0
37.5°	1406.2	1401.2	1389.3	1347.0	1272.3	1193.7	1234.5	1550.6	1739.0	*1733.7*	1387.2
40°	1478.9	1470.5	1464.9	1419.6	1352.1	1279.1	1291.9	1636.9	1895.3	*1895.9*	1522.0
42.5°	1534.8	1531.6	1532.2	1497.3	1429.2	1380.3	1368.1	1734.3	2082.6	*2088.2*	1684.3
45°	1582.8	1580.1	1591.1	1566.7	1506.9	1446.7	1457.4	1844.4	2287.4	*2299.0*	1865.9
47.5°	1619.7	1622.7	1638.4	1622.7	1587.5	1493.5	1536.6	1963.2	2502.6	*2504.1*	2053.4
50°	1656.6	1657.8	1684.0	1676.2	1661.9	1552.7	1609.6	2096.0	2729.4	*2732.1*	2228.7
52.5°	1668.2	1666.4	1708.1	1727.1	1727.7	1625.9	1703.9	2240.6	2951.8	*2960.4*	2409.1
55°	1608.7	1613.7	1681.0	1758.4	1789.1	1727.1	1831.3	2423.7	3188.7	*3192.3*	2587.7
57.5°	1317.5	1345.5	1494.4	1673.9	1828.6	1872.1	2014.4	2637.7	3462.3	*3459.0*	2768.7
60°	799.6	832.9	1010.9	1403.9	1699.5	2017.7	2284.1	2969.4	3761.2	*3752.0*	2951.8
62.5°	447.1	457.2	514.1	840.4	1292.5	1925.1	2547.5	3395.3	4162.5	*4131.2*	3131.9
65°	329.5	332.8	346.2	411.7	635.2	1480.7	2489.8	3904.7	4726.3	*4670.6*	3347.7
67.5°	286.4	289.6	302.7	311.7	283.7	777.8	2051.3	4187.2	5442.2	*5369.3*	3639.7
70°	241.1	242.9	264.0	270.0	203.0	295.9	1317.8	4099.9	6104.8	*6052.7*	3953.2
72.5°	*179.8*	*186.9*	*217.6*	*231.9*	*162.8*	*157.2*	*620.4*	*3584.7*	*6217.0*	*6217.6*	*3932.1*
75°	122.0	128.6	163.7	190.8	125.6	110.1	250.3	2676.7	5413.6	*5413.6*	3446.8
77.5°	83.4	88.7	114.0	149.7	95.3	75.6	129.8	1698.9	3883.8	*4020.5*	2456.8
80°	36.9	40.2	73.5	108.7	72.3	48.8	73.5	930.2	2348.7	*2319.8*	963.0
82.5°	18.2	20.8	47.0	67.9	46.7	30.1	38.7	442.4	761.2	*723.4*	150.3
85°	3.6	4.8	25.3	28.9	21.7	13.4	14.6	136.0	91.7	*104.8*	31.9
87.5°	0.0	0.0	7.7	5.4	2.4	3.0	3.0	12.2	7.1	*8.3*	8.3
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°	793.0	793.0	793.0	793.0	793.0	793.0	793.0	793.0	793.0	793.0	793.0
2.5°	795.7	784.7	760.6	736.8	712.3	690.0	674.5	659.1	649.5	645.4	646.0
5°	801.9	779.6	729.0	676.0	623.6	572.4	534.0	498.0	486.7	468.0	469.1
7.5°	811.8	775.5	695.7	606.4	521.2	446.2	392.0	348.9	331.6	314.9	314.6
10°	818.3	767.7	651.6	532.3	417.0	332.8	281.0	249.8	238.4	228.3	228.0
12.5°	821.0	753.4	601.0	449.2	324.5	253.6	222.7	208.1	204.2	200.6	200.6
15°	823.4	739.4	544.5	369.1	256.3	212.2	200.0	195.3	192.6	190.2	190.2
17.5°	825.5	721.6	479.9	300.1	216.4	195.6	189.6	184.6	182.5	179.8	179.8
20°	832.6	704.3	422.1	247.7	194.7	183.7	177.1	171.8	170.0	168.2	168.5
22.5°	846.0	690.3	366.1	212.2	181.6	171.5	163.1	157.2	156.0	154.8	153.9
25°	862.1	673.1	313.5	189.3	168.8	157.5	148.2	143.2	142.0	142.3	141.7
27.5°	882.6	654.0	268.2	174.7	157.5	144.4	134.0	130.1	130.7	131.9	131.3
30°	905.2	636.4	232.8	164.6	147.4	132.8	122.3	119.7	121.8	123.5	122.9
32.5°	938.9	621.0	208.1	156.6	138.4	123.2	114.9	111.6	114.0	116.4	115.8
35°	984.7	613.2	194.1	149.7	130.7	115.8	107.5	105.1	107.5	108.1	107.8
37.5°	1041.0	612.6	188.1	144.1	123.5	109.5	100.3	99.4	101.2	101.5	100.9
40°	1113.6	616.5	183.7	139.9	116.1	102.4	93.8	92.9	93.5	95.6	95.3
42.5°	1205.6	632.6	177.4	134.6	108.1	95.3	88.4	86.3	86.0	88.4	88.1
45°	1321.1	668.0	169.1	125.9	100.9	89.3	82.5	80.1	79.2	79.8	80.7
47.5°	1447.0	711.5	160.7	117.9	95.9	84.5	77.7	74.7	73.2	73.2	73.2
50°	1569.1	760.6	155.1	109.5	92.3	80.1	72.6	69.7	67.3	66.7	66.4
52.5°	1689.9	808.8	150.6	101.2	88.1	74.4	67.9	64.6	61.9	60.7	60.1
55°	1800.1	854.6	142.9	93.2	82.8	68.5	63.1	59.8	56.6	54.5	53.6
57.5°	1905.7	892.7	128.6	84.8	74.4	62.8	58.0	54.5	50.6	47.9	46.7
60°	2001.9	912.4	110.7	75.9	66.1	56.9	52.4	49.1	44.1	39.6	38.4
62.5°	2075.1	904.6	91.4	65.8	57.5	51.5	45.8	42.6	36.6	31.3	29.2
65°	2150.1	862.4	72.9	55.1	50.3	44.4	38.4	35.1	28.3	22.6	21.1
67.5°	2247.5	772.2	57.5	45.8	43.5	35.1	30.1	28.0	23.2	17.9	16.7
70°	2310.0	599.8	44.7	37.2	35.7	25.6	23.2	22.9	18.5	13.7	12.2
72.5°	*2138.5*	*393.2*	*34.2*	*28.3*	*25.6*	*16.7*	*17.9*	*17.9*	*13.4*	*9.2*	*8.0*
75°	1785.2	230.1	24.7	20.2	14.6	10.7	12.2	12.2	8.3	4.5	3.6
77.5°	1275.0	122.6	16.4	12.5	7.4	4.8	6.5	6.3	2.7	0.3	0.0
80°	487.6	42.3	7.7	5.1	2.1	0.9	0.6	0.3	0.3	0.0	0.0
82.5°	74.4	11.0	1.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	13.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	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)