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: P1201504

Luminaire Tested: GWC-SB1B-735-U-SL3-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201504
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-13)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1B-735-U-SL3-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE III SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4559 lumens
Efficiency:	N/A
Efficacy:	114.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

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

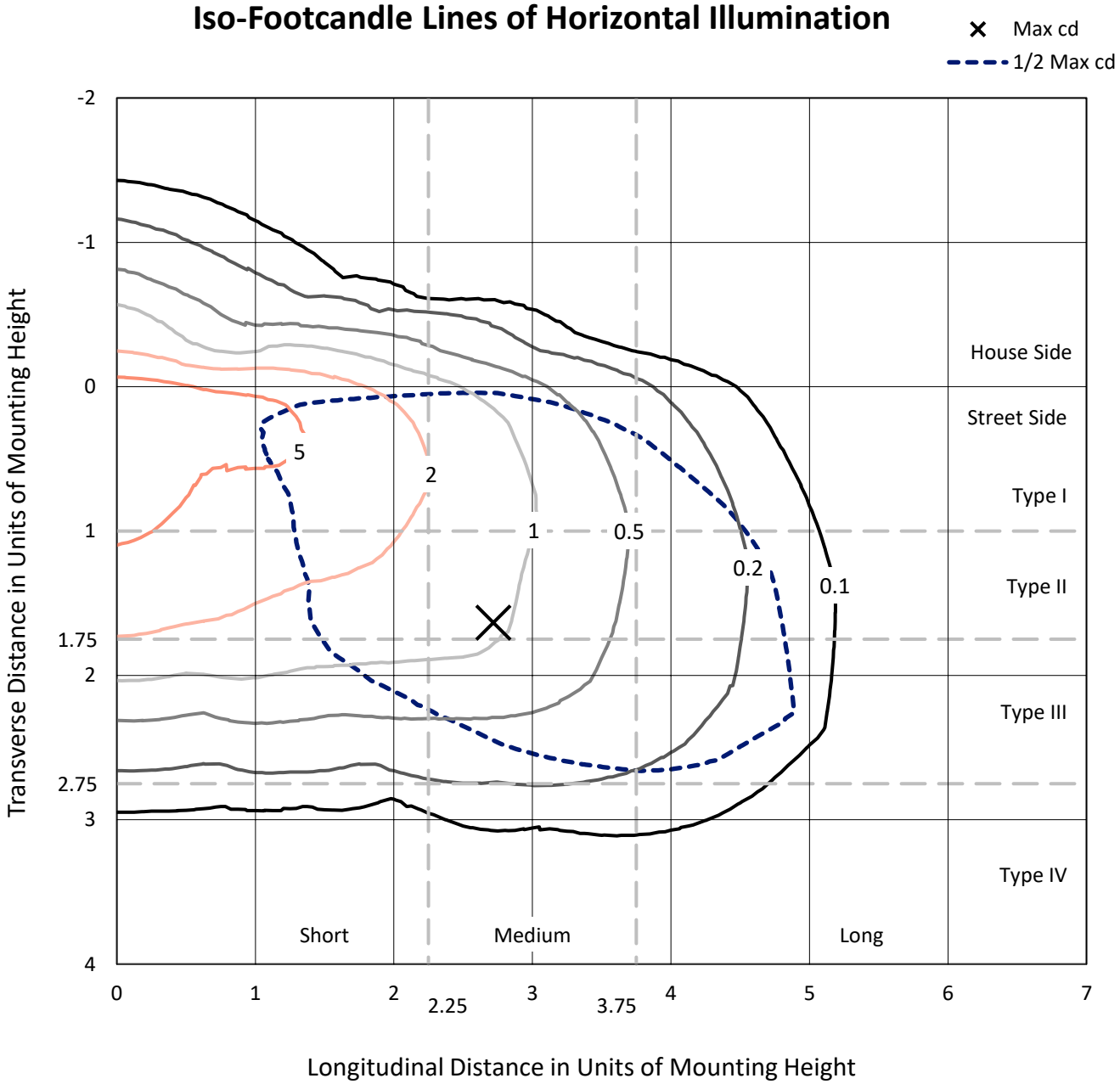


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Iso-Footcandle Lines of Horizontal Illumination



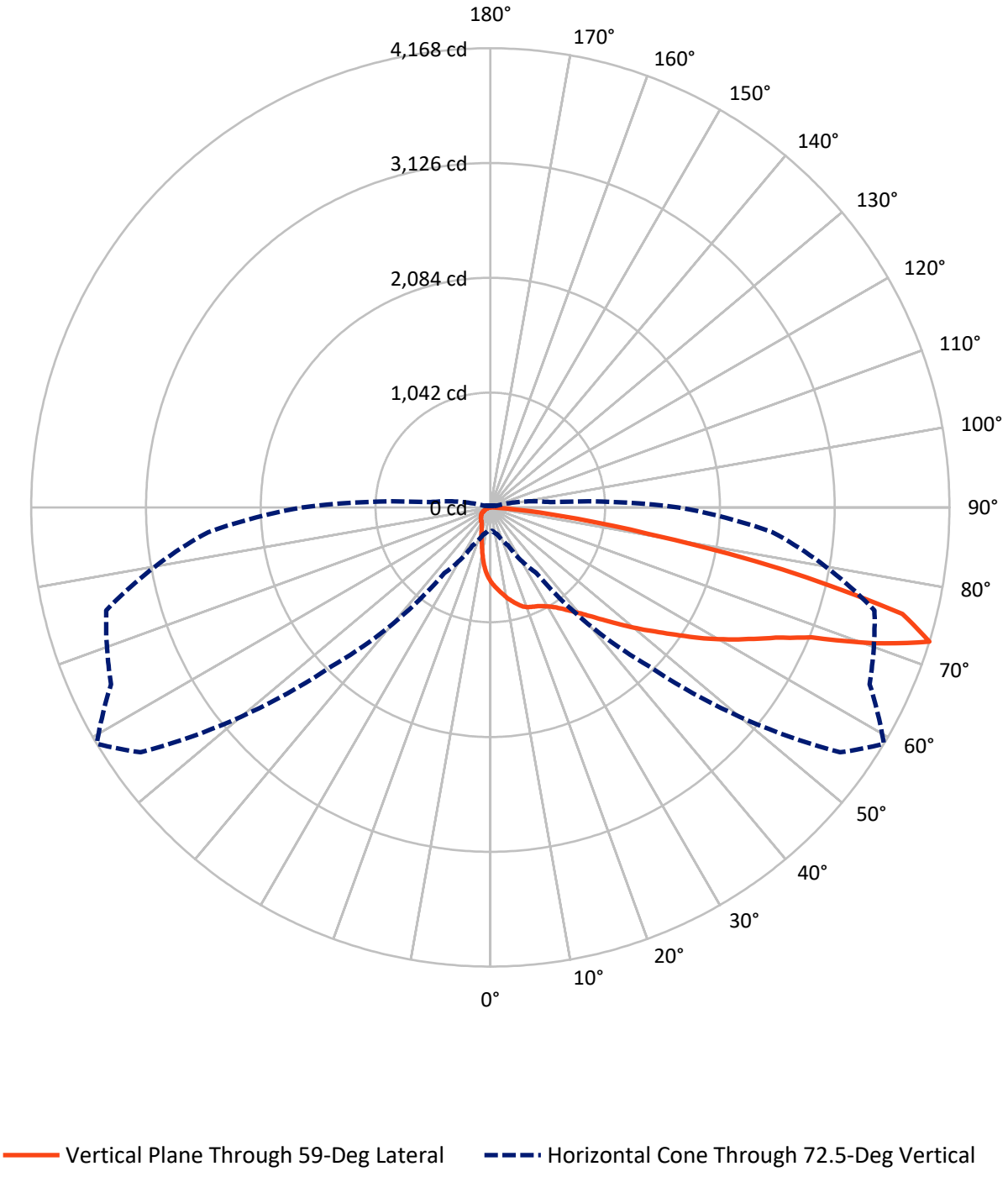
Based on 10 foot mounting height. Maximum calculated value = 8.3 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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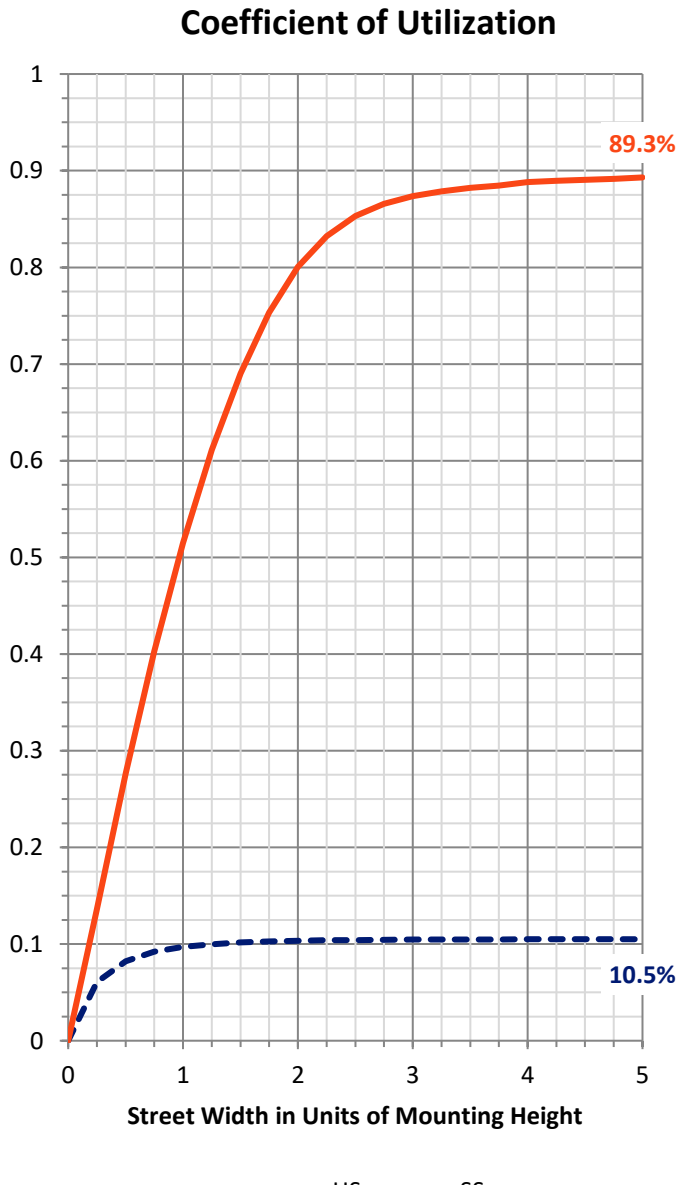
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	481.5	0.0	481.5
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	4077.5	0.0	4077.5
	% Fixture	89.4	0.0	89.4
Total	Lumens	4559.0	0.0	4559.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.0	1.3
10°-20°	162.0	3.6
20°-30°	256.8	5.6
30°-40°	412.1	9.0
40°-50°	658.1	14.4
50°-60°	952.9	20.9
60°-70°	1130.8	24.8
70°-80°	839.5	18.4
80°-90°	85.8	1.9
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°	4559.0	100.0
0°-180°	4559.0	100.0



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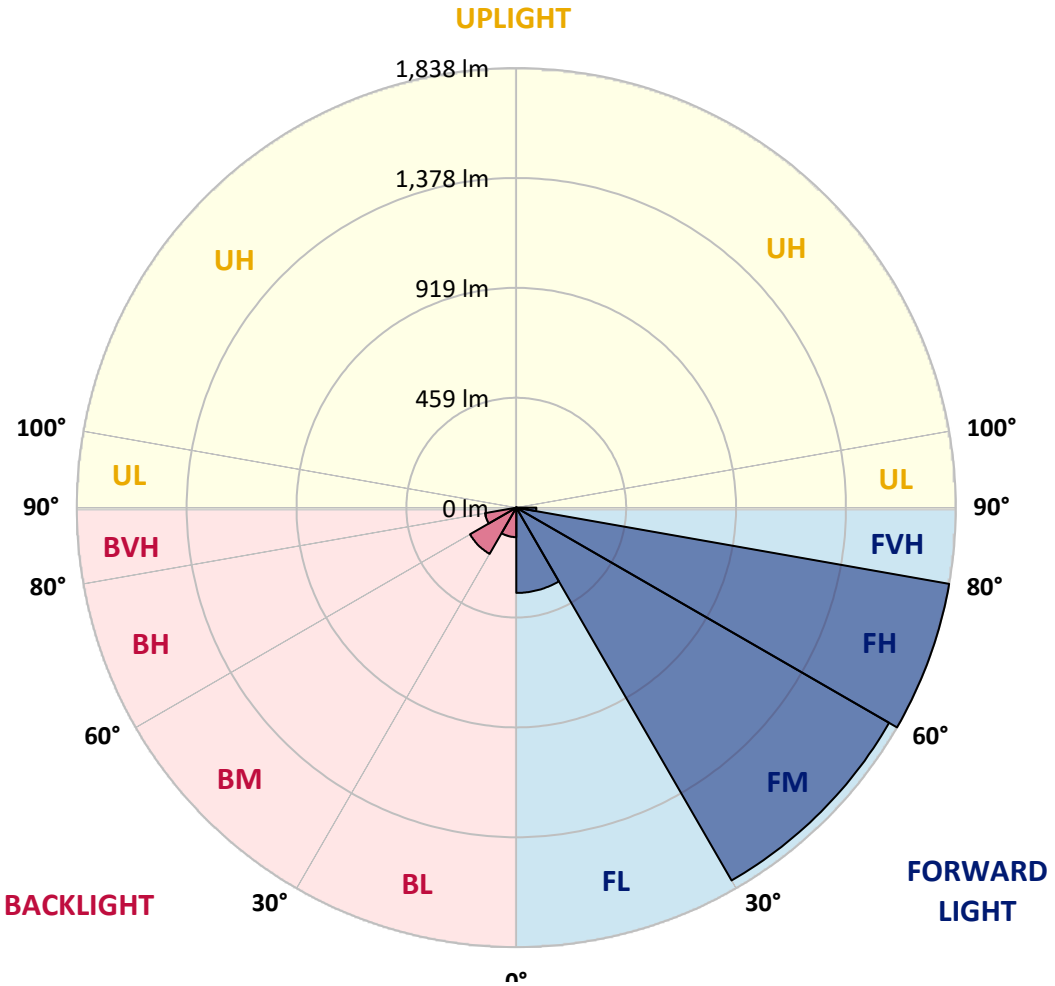
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	356.4	7.8			
FM	(30°-60°)	1799.8	39.5			
FH	(60°-80°)	1837.5	40.3			G2/5000
FVH	(80°-90°)	83.7	1.8			G1/100
BL	(0°-30°)	123.4	2.7	B1/500		
BM	(30°-60°)	223.2	4.9	B1/1000		
BH	(60°-80°)	132.8	2.9	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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	674.2	674.2	674.2	674.2	674.2	674.2	674.2	*674.2*	674.2	674.2	674.2
2.5°	748.0	743.8	744.4	737.3	732.2	726.9	716.4	*714.9*	707.5	694.4	681.0
5°	813.2	810.5	808.1	800.1	789.7	776.6	759.0	*752.7*	739.1	716.4	690.2
7.5°	860.8	857.5	858.7	850.7	842.3	827.8	803.6	*792.0*	773.9	739.4	699.8
10°	870.0	868.2	876.0	878.9	878.9	869.7	846.2	*834.6*	808.1	764.1	709.6
12.5°	818.2	818.5	837.9	861.1	891.4	900.1	884.3	*871.8*	845.6	790.2	722.1
15°	757.8	758.1	776.9	806.6	856.3	906.0	918.5	*910.5*	883.4	818.5	736.7
17.5°	721.5	720.0	732.5	756.9	809.0	878.9	939.4	*944.7*	922.7	849.8	752.7
20°	716.4	713.8	720.3	732.5	769.7	845.0	941.8	*967.1*	963.2	885.2	771.2
22.5°	747.4	743.2	739.6	740.2	756.0	816.7	935.8	*979.6*	1004.9	927.8	796.5
25°	808.7	802.2	790.5	775.7	772.4	810.8	931.6	*993.2*	1043.5	982.2	829.8
27.5°	883.7	874.5	852.2	829.8	810.8	827.5	940.3	*1015.0*	1087.3	1045.6	868.5
30°	966.2	954.8	932.5	890.3	859.9	864.7	960.8	*1043.5*	1143.3	1117.4	917.0
32.5°	1087.3	1061.1	1022.1	957.5	917.3	904.8	991.8	*1079.9*	1212.6	1212.9	987.3
35°	1191.2	1176.6	1137.3	1056.9	974.5	958.1	1032.5	*1131.1*	1308.7	1339.4	1085.5
37.5°	1259.3	1239.4	1204.9	1144.4	1063.2	1012.9	1087.0	*1193.9*	1410.5	1483.5	1206.7
40°	1335.5	1315.9	1270.1	1213.2	1166.2	1106.9	1155.8	*1266.2*	1522.2	1631.4	1345.1
42.5°	1427.5	1401.9	1347.7	1286.4	1237.3	1230.8	1245.6	*1356.4*	1636.8	1792.1	1489.1
45°	1535.6	1511.4	1449.2	1371.8	1328.7	1317.1	1358.8	*1461.4*	1764.4	1968.3	1634.7
47.5°	1636.8	1608.8	1541.8	1471.3	1423.3	1386.7	1479.0	*1585.6*	1909.1	2152.6	1772.2
50°	1722.8	1694.2	1632.9	1557.6	1525.1	1477.2	1597.2	*1724.0*	2052.6	2339.8	1897.8
52.5°	1781.7	1756.4	1684.4	1633.2	1611.2	1587.0	1735.6	*1870.7*	2195.4	2511.2	2021.9
55°	1768.3	1745.7	1682.3	1678.7	1677.2	1702.5	1901.1	*2037.1*	2341.0	2673.5	2145.4
57.5°	1725.7	1700.2	1621.0	1675.4	1728.1	1805.5	2080.2	*2233.8*	2500.5	2826.4	2264.5
60°	1600.4	1591.5	1543.3	1669.2	1749.6	1906.4	2285.0	*2431.5*	2673.2	2961.0	2370.2
62.5°	1335.2	1343.0	1342.7	1682.3	1788.3	2021.3	2471.1	*2631.5*	2841.9	3090.5	2464.2
65°	999.8	1026.6	1060.8	1564.4	1840.0	2226.4	2693.4	*2848.5*	3013.4	3241.1	2559.8
67.5°	671.8	693.2	716.4	1283.4	1685.9	2441.9	3062.8	*3145.8*	3218.7	3408.0	2667.2
70°	384.6	391.4	423.8	801.6	1299.5	2382.4	3664.3	*3694.4*	3525.0	3613.7	2745.5
72.5°	*215.5*	*213.1*	*256.0*	*380.4*	*726.3*	*2040.1*	*3875.0*	*4168.2*	*3799.1*	*3610.4*	*2570.8*
75°	144.1	144.4	176.2	239.9	283.1	1428.1	3339.3	*3864.9*	3634.8	3201.5	2100.5
77.5°	98.2	101.5	129.5	185.4	131.0	696.8	2209.1	*2707.4*	2942.8	2472.2	1450.1
80°	42.6	42.9	85.4	133.0	88.4	221.7	1145.3	*1450.4*	1845.7	1388.2	574.5
82.5°	22.0	25.0	54.5	86.0	55.7	77.7	541.1	*633.7*	774.5	407.5	117.9
85°	7.7	9.2	33.6	42.3	28.0	27.7	188.4	*192.0*	164.0	61.3	32.4
87.5°	0.0	1.5	13.1	10.4	3.6	3.3	22.3	*18.8*	14.9	8.6	10.7
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°	674.2	674.2	674.2	674.2	674.2	674.2	674.2	674.2	674.2	674.2	674.2
2.5°	674.8	666.7	653.6	637.6	618.8	608.7	594.1	585.2	577.1	577.4	584.0
5°	675.7	662.3	628.9	593.5	554.2	525.3	493.2	470.6	453.3	449.1	455.4
7.5°	678.3	655.7	601.2	542.3	476.8	428.3	384.0	356.0	340.2	336.0	340.2
10°	681.9	648.6	570.0	479.8	398.5	340.2	303.3	285.4	278.3	272.9	276.2
12.5°	684.9	641.1	530.7	415.2	328.9	283.4	255.4	240.5	234.2	230.4	232.5
15°	689.9	631.3	488.1	355.1	281.9	244.7	218.2	207.2	205.4	206.0	206.9
17.5°	695.0	621.8	440.5	308.1	247.3	210.7	194.7	192.9	195.3	197.6	198.5
20°	700.7	608.1	392.3	272.6	215.5	187.2	183.1	184.2	185.4	189.6	190.8
22.5°	709.0	590.8	350.0	242.6	189.0	175.9	173.8	174.7	175.6	179.8	181.0
25°	720.9	572.4	315.8	214.9	172.3	166.7	164.6	164.6	165.8	169.7	171.1
27.5°	733.4	546.2	288.1	189.3	162.5	156.6	153.0	153.0	154.5	158.9	160.7
30°	747.4	522.4	266.4	170.3	154.2	146.4	141.7	140.5	142.3	147.9	149.4
32.5°	772.7	506.9	250.9	161.3	146.7	137.2	130.7	127.4	129.2	135.7	137.5
35°	811.1	503.3	240.2	156.9	139.6	128.9	119.7	114.6	116.1	122.9	125.0
37.5°	856.0	510.8	229.8	150.9	132.7	120.8	108.6	102.1	104.5	110.7	112.5
40°	920.6	541.7	221.7	146.4	125.9	111.3	97.6	91.1	94.9	100.3	101.2
42.5°	998.6	596.8	219.7	142.3	117.6	101.2	87.5	82.7	85.7	90.8	91.7
45°	1095.3	667.0	229.2	136.9	108.3	91.4	79.5	76.8	77.7	82.7	85.1
47.5°	1199.2	739.1	255.4	132.2	100.3	83.3	73.2	70.8	70.2	75.0	78.0
50°	1304.3	803.0	286.3	128.6	94.7	76.8	68.5	65.5	64.0	67.0	68.2
52.5°	1408.2	853.9	306.6	122.6	89.0	70.2	64.3	59.8	57.1	58.6	59.8
55°	1513.5	898.6	307.8	113.7	83.6	66.1	60.1	55.1	51.8	51.8	52.4
57.5°	1612.0	937.9	290.2	101.8	76.2	62.2	54.5	50.3	46.7	45.5	45.8
60°	1699.3	967.1	261.0	88.4	69.6	57.1	48.8	45.5	41.1	38.7	38.1
62.5°	1776.9	981.3	221.2	74.7	61.6	51.2	43.5	39.9	33.9	31.0	30.7
65°	1842.7	966.8	179.5	61.9	54.8	44.6	37.2	33.6	27.1	23.5	23.5
67.5°	1907.9	900.1	135.7	52.1	47.6	37.5	30.7	27.4	22.6	19.6	19.6
70°	1916.2	759.9	94.9	43.8	39.6	28.9	24.7	22.6	18.5	15.8	15.5
72.5°	*1705.8*	*546.8*	*57.7*	*35.7*	*31.0*	*20.5*	*19.6*	*17.9*	*13.7*	*11.9*	*11.6*
75°	1363.5	335.1	33.9	26.8	20.5	14.6	14.6	12.8	9.2	7.7	7.7
77.5°	942.3	175.3	19.9	17.3	12.2	8.6	9.5	7.7	4.5	3.6	3.6
80°	377.4	66.7	10.7	8.0	5.7	3.9	3.3	1.8	0.9	0.6	0.9
82.5°	75.3	17.6	3.6	2.1	2.1	0.9	0.0	0.0	0.0	0.0	0.0
85°	19.3	3.9	0.9	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.0	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)