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: P1202252

Luminaire Tested: GWC-SB1D-735-U-SL3-HSS

Issue Date: 10/30/2025

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202252
	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-SB1D-735-U-SL3-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 900mA 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:	8239 lumens
Efficiency:	N/A
Efficacy:	103.5 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):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

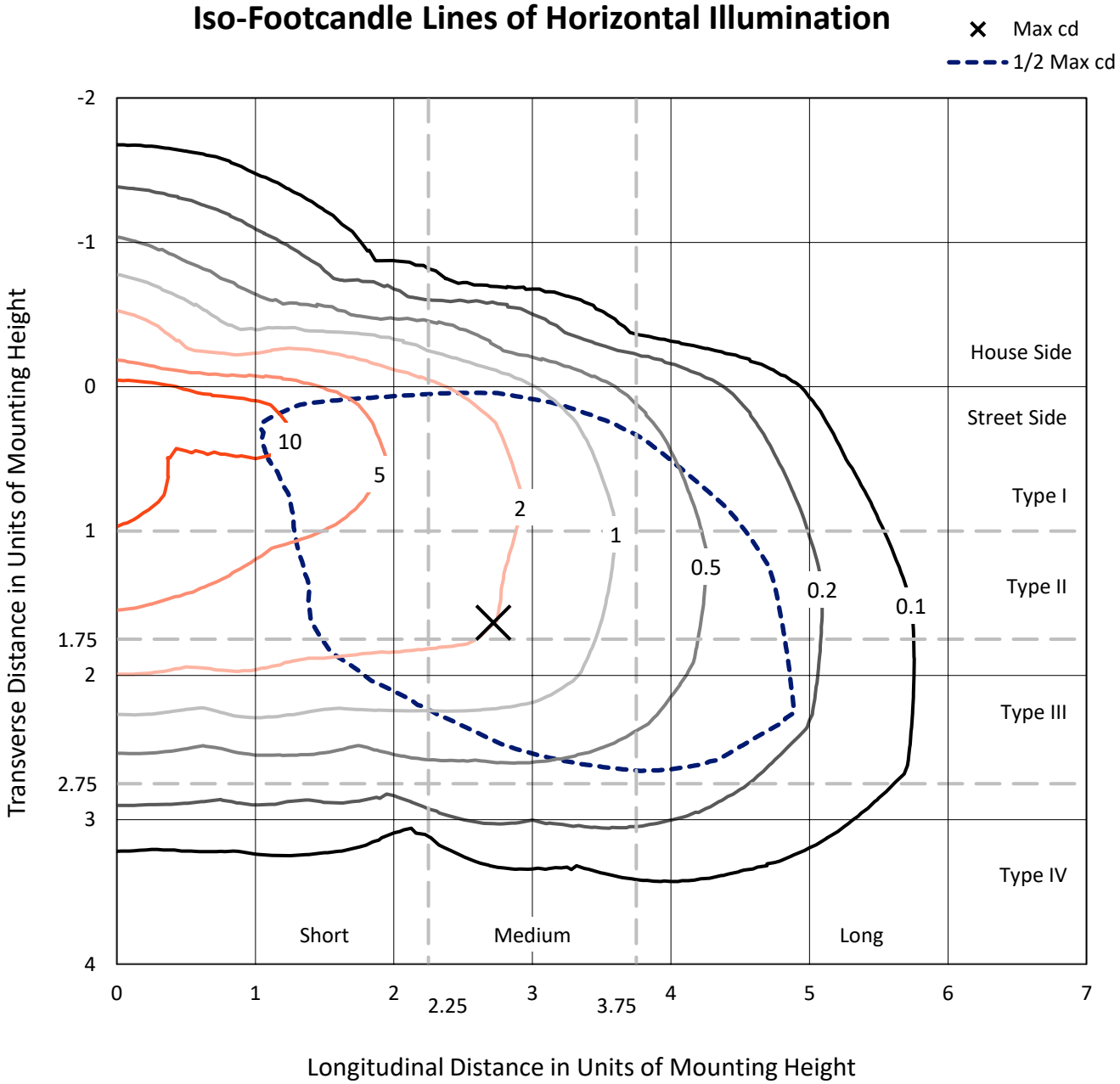


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Iso-Footcandle Lines of Horizontal Illumination



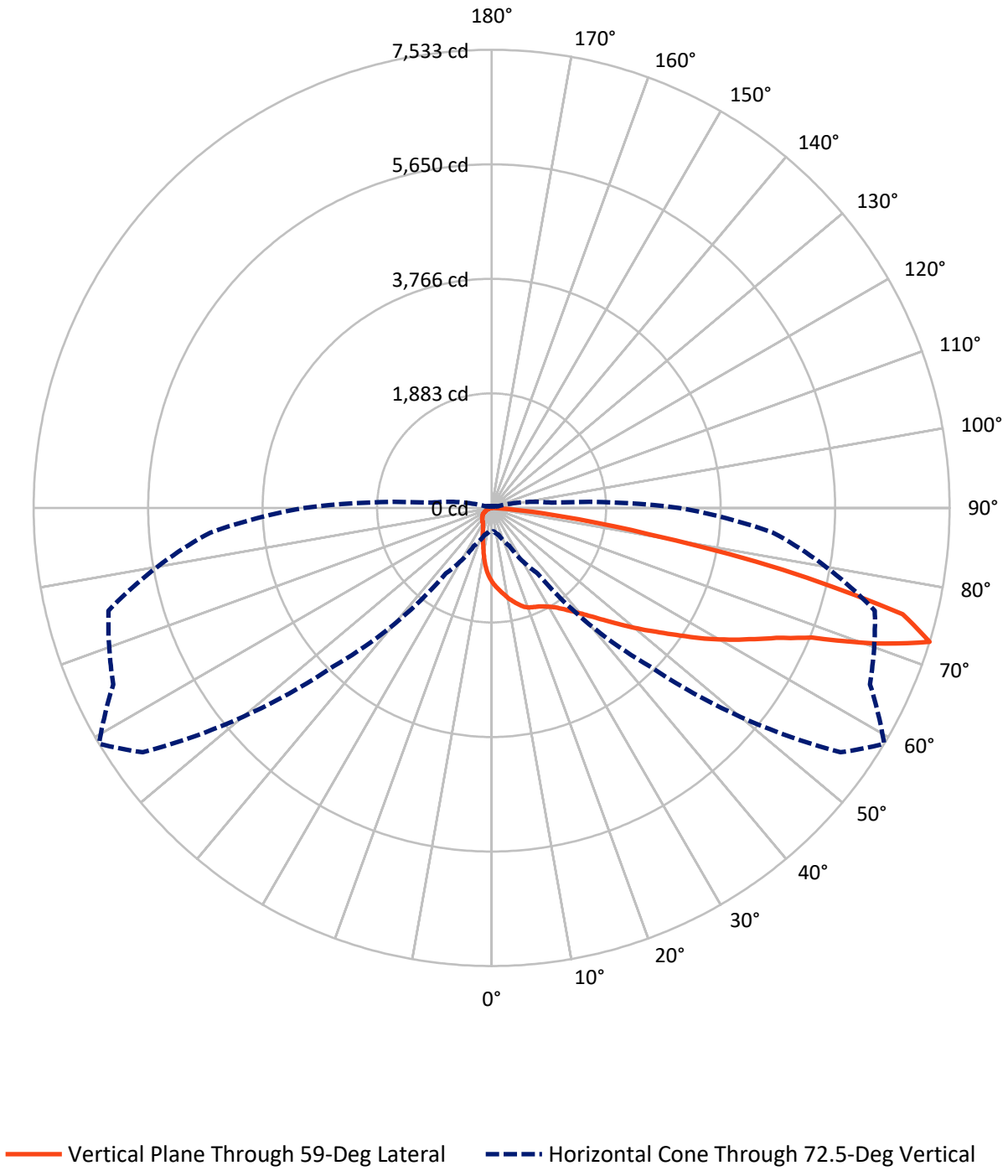
Based on 10 foot mounting height. Maximum calculated value = 15.1 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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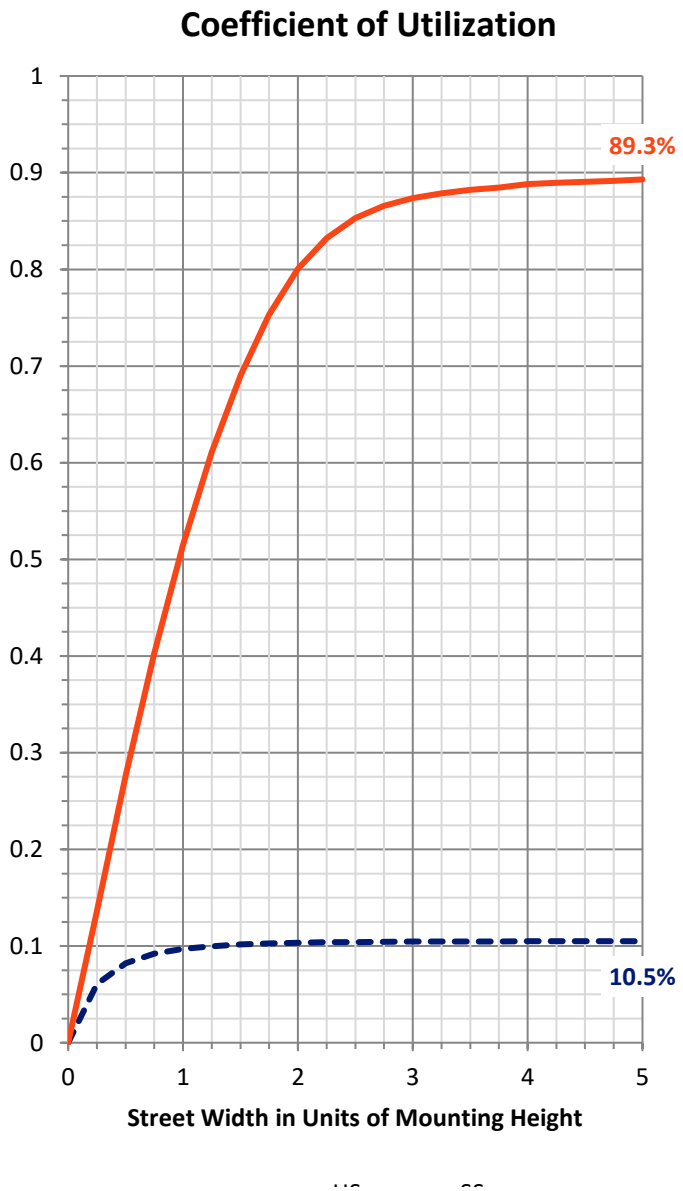
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	870.2	0.0	870.2
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	7368.8	0.0	7368.8
	% Fixture	89.4	0.0	89.4
Total	Lumens	8239.0	0.0	8239.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.2	1.3
10°-20°	292.8	3.6
20°-30°	464.0	5.6
30°-40°	744.7	9.0
40°-50°	1189.4	14.4
50°-60°	1722.1	20.9
60°-70°	2043.6	24.8
70°-80°	1517.1	18.4
80°-90°	155.1	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°	8239.0	100.0
0°-180°	8239.0	100.0



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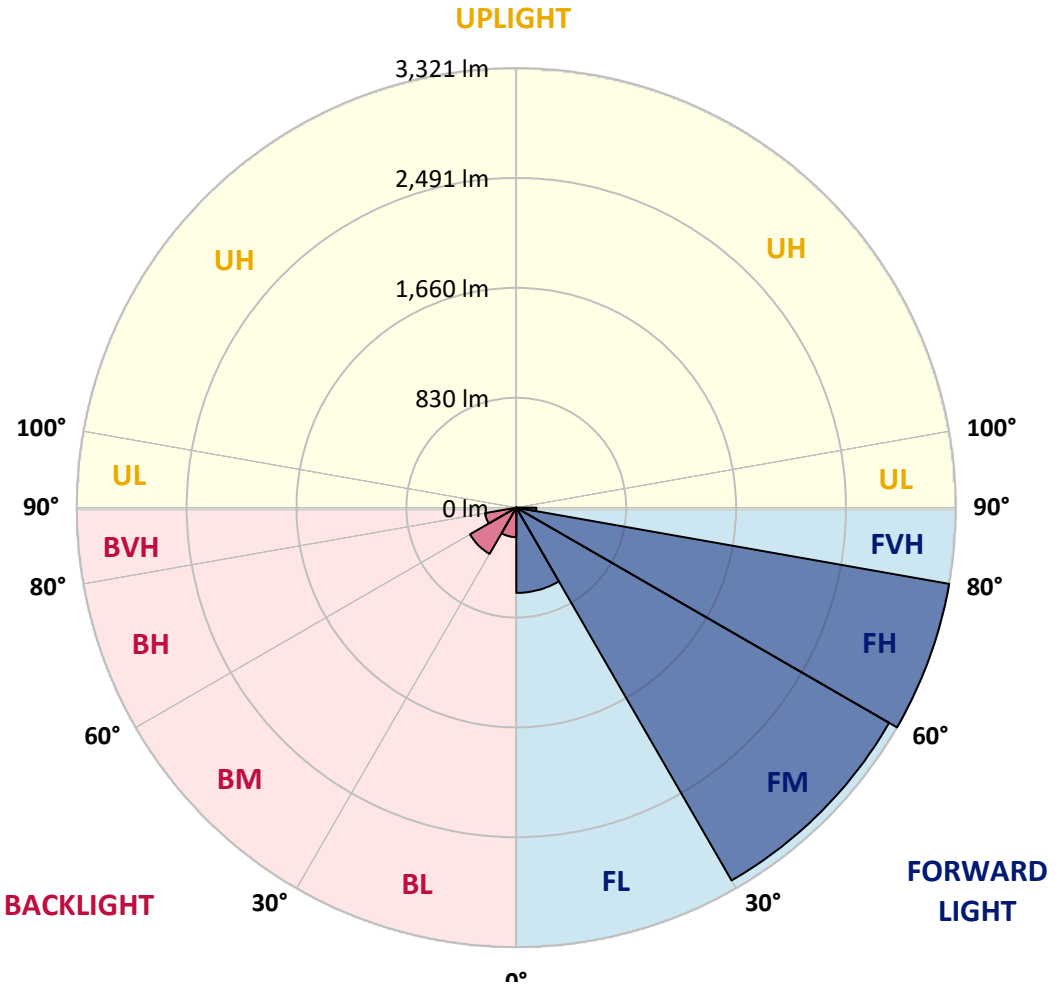
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	644.1	7.8			
FM	(30°-60°)	3252.6	39.5			
FH	(60°-80°)	3320.8	40.3			G2/5000
FVH	(80°-90°)	151.3	1.8			G2/225
BL	(0°-30°)	222.9	2.7	B1/500		
BM	(30°-60°)	403.5	4.9	B1/1000		
BH	(60°-80°)	240.0	2.9	B1/500		G1/500
BVH	(80°-90°)	3.9	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°	1218.4	1218.4	1218.4	1218.4	1218.4	1218.4	1218.4	*1218.4*	1218.4	1218.4	1218.4
2.5°	1351.8	1344.2	1345.3	1332.4	1323.2	1313.6	1294.7	*1292.0*	1278.6	1254.9	1230.7
5°	1469.6	1464.7	1460.4	1445.9	1427.1	1403.4	1371.7	*1360.4*	1335.6	1294.7	1247.4
7.5°	1555.6	1549.7	1551.9	1537.3	1522.3	1495.9	1452.3	*1431.4*	1398.5	1336.2	1264.6
10°	1572.3	1569.1	1583.1	1588.4	1588.4	1571.8	1529.3	*1508.3*	1460.4	1380.8	1282.4
12.5°	1478.7	1479.2	1514.2	1556.2	1611.0	1626.6	1598.1	*1575.5*	1528.2	1428.1	1305.0
15°	1369.5	1370.0	1403.9	1457.7	1547.5	1637.4	1660.0	*1645.4*	1596.5	1479.2	1331.3
17.5°	1303.9	1301.2	1323.8	1367.9	1462.0	1588.4	1697.6	*1707.3*	1667.5	1535.7	1360.4
20°	1294.7	1289.9	1301.7	1323.8	1391.0	1527.1	1701.9	*1747.6*	1740.7	1599.7	1393.7
22.5°	1350.7	1343.1	1336.7	1337.8	1366.3	1476.0	1691.2	*1770.2*	1816.0	1676.6	1439.4
25°	1461.5	1449.7	1428.7	1401.8	1395.9	1465.2	1683.6	*1795.0*	1885.9	1775.1	1499.7
27.5°	1597.0	1580.4	1540.0	1499.7	1465.2	1495.4	1699.2	*1834.3*	1965.0	1889.7	1569.6
30°	1746.0	1725.6	1685.3	1608.9	1554.0	1562.6	1736.4	*1885.9*	2066.1	2019.3	1657.3
32.5°	1965.0	1917.6	1847.2	1730.4	1657.8	1635.2	1792.3	*1951.5*	2191.4	2192.0	1784.2
35°	2152.7	2126.3	2055.3	1910.1	1761.1	1731.5	1866.0	*2044.0*	2365.2	2420.6	1961.7
37.5°	2275.9	2239.8	2177.4	2068.2	1921.4	1830.5	1964.4	*2157.5*	2549.1	2680.9	2180.7
40°	2413.6	2378.1	2295.2	2192.5	2107.5	2000.5	2088.7	*2288.2*	2750.8	2948.3	2430.8
42.5°	2579.8	2533.5	2435.6	2324.8	2236.1	2224.2	2251.1	*2451.2*	2957.9	3238.7	2691.1
45°	2775.0	2731.5	2619.1	2479.2	2401.2	2380.2	2455.5	*2641.1*	3188.7	3557.2	2954.2
47.5°	2957.9	2907.4	2786.3	2658.9	2572.3	2506.1	2672.8	*2865.4*	3450.1	3890.1	3202.7
50°	3113.4	3061.7	2950.9	2814.8	2756.2	2669.6	2886.4	*3115.5*	3709.4	4228.5	3429.7
52.5°	3219.9	3174.2	3044.0	2951.5	2911.7	2868.1	3136.5	*3380.7*	3967.6	4538.3	3654.0
55°	3195.7	3154.8	3040.2	3033.8	3031.1	3076.8	3435.6	*3681.4*	4230.6	4831.5	3877.2
57.5°	3118.8	3072.5	2929.4	3027.9	3123.1	3262.9	3759.4	*4037.0*	4518.9	5107.9	4092.4
60°	2892.3	2876.2	2789.0	3016.6	3161.8	3445.3	4129.5	*4394.1*	4830.9	5351.1	4283.3
62.5°	2413.0	2427.0	2426.5	3040.2	3231.7	3652.9	4465.7	*4755.6*	5135.9	5585.1	4453.3
65°	1806.8	1855.2	1917.1	2827.2	3325.3	4023.5	4867.5	*5147.7*	5445.7	5857.2	4626.0
67.5°	1214.0	1252.8	1294.7	2319.4	3046.7	4413.0	5535.0	*5685.1*	5816.9	6159.0	4820.2
70°	695.0	707.3	766.0	1448.6	2348.5	4305.4	6622.1	*6676.5*	6370.4	6530.7	4961.6
72.5°	*389.4*	*385.1*	*462.6*	*687.4*	*1312.5*	*3686.8*	*7003.0*	*7532.8*	*6865.8*	*6524.8*	*4645.9*
75°	260.3	260.9	318.4	433.6	511.5	2580.9	6034.7	*6984.7*	6568.9	5785.7	3796.0
77.5°	177.5	183.4	234.0	335.1	236.7	1259.2	3992.3	*4892.8*	5318.3	4467.8	2620.7
80°	76.9	77.5	154.4	240.4	159.8	400.7	2069.9	*2621.2*	3335.5	2508.8	1038.2
82.5°	39.8	45.2	98.4	155.5	100.6	140.4	977.9	*1145.2*	1399.6	736.4	213.0
85°	14.0	16.7	60.8	76.4	50.6	50.0	340.5	*346.9*	296.4	110.8	58.6
87.5°	0.0	2.7	23.7	18.8	6.5	5.9	40.3	*33.9*	26.9	15.6	19.4
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°	1218.4	1218.4	1218.4	1218.4	1218.4	1218.4	1218.4	1218.4	1218.4	1218.4	1218.4
2.5°	1219.4	1204.9	1181.2	1152.2	1118.3	1100.0	1073.7	1057.5	1043.0	1043.5	1055.4
5°	1221.0	1196.8	1136.6	1072.6	1001.6	949.4	891.3	850.4	819.2	811.7	823.0
7.5°	1225.9	1185.0	1086.6	980.1	861.7	774.0	693.9	643.3	614.8	607.3	614.8
10°	1232.3	1172.1	1030.1	867.1	720.3	614.8	548.1	515.8	502.9	493.3	499.2
12.5°	1237.7	1158.6	959.1	750.4	594.4	512.1	461.5	434.6	423.3	416.3	420.1
15°	1246.9	1140.9	882.2	641.7	509.4	442.2	394.3	374.4	371.2	372.2	373.8
17.5°	1256.0	1123.7	796.1	556.7	447.0	380.8	351.8	348.6	352.9	357.2	358.8
20°	1266.2	1098.9	709.0	492.7	389.4	338.3	330.8	333.0	335.1	342.6	344.8
22.5°	1281.3	1067.7	632.6	438.4	341.6	317.9	314.1	315.7	317.4	324.9	327.0
25°	1302.8	1034.4	570.7	388.4	311.4	301.2	297.5	297.5	299.6	306.6	309.3
27.5°	1325.4	987.1	520.7	342.1	293.7	282.9	276.5	276.5	279.2	287.2	290.5
30°	1350.7	944.0	481.4	307.7	278.6	264.6	256.0	253.9	257.1	267.3	270.0
32.5°	1396.4	916.0	453.5	291.5	265.2	248.0	236.1	230.2	233.5	245.3	248.5
35°	1465.8	909.6	434.1	283.5	252.3	232.9	216.2	207.1	209.8	222.2	225.9
37.5°	1547.0	923.0	415.3	272.7	239.9	218.4	196.3	184.5	188.8	200.1	203.3
40°	1663.7	979.0	400.7	264.6	227.5	201.2	176.4	164.6	171.6	181.3	182.9
42.5°	1804.7	1078.5	397.0	257.1	212.5	182.9	158.1	149.5	154.9	164.1	165.7
45°	1979.5	1205.4	414.2	247.4	195.8	165.1	143.6	138.8	140.4	149.5	153.8
47.5°	2167.2	1335.6	461.5	238.8	181.3	150.6	132.3	128.0	126.9	135.6	140.9
50°	2357.1	1451.3	517.5	232.4	171.1	138.8	123.7	118.3	115.6	121.0	123.2
52.5°	2544.8	1543.2	554.0	221.6	160.8	126.9	116.2	108.1	103.3	106.0	108.1
55°	2735.2	1623.9	556.2	205.5	151.2	119.4	108.7	99.5	93.6	93.6	94.7
57.5°	2913.3	1694.9	524.5	184.0	137.7	112.4	98.4	90.9	84.5	82.3	82.8
60°	3070.9	1747.6	471.7	159.8	125.9	103.3	88.2	82.3	74.2	69.9	68.9
62.5°	3211.3	1773.5	399.7	135.0	111.3	92.5	78.5	72.1	61.3	55.9	55.4
65°	3330.2	1747.1	324.4	111.9	99.0	80.7	67.2	60.8	48.9	42.5	42.5
67.5°	3448.0	1626.6	245.3	94.1	86.1	67.8	55.4	49.5	40.9	35.5	35.5
70°	3463.0	1373.3	171.6	79.1	71.5	52.2	44.6	40.9	33.4	28.5	28.0
72.5°	*3082.7*	*988.1*	*104.4*	*64.5*	*55.9*	*37.1*	*35.5*	*32.3*	*24.7*	*21.5*	*21.0*
75°	2464.1	605.7	61.3	48.4	37.1	26.4	26.4	23.1	16.7	14.0	14.0
77.5°	1703.0	316.8	36.0	31.2	22.1	15.6	17.2	14.0	8.1	6.5	6.5
80°	682.1	120.5	19.4	14.5	10.2	7.0	5.9	3.2	1.6	1.1	1.6
82.5°	136.1	31.7	6.5	3.8	3.8	1.6	0.0	0.0	0.0	0.0	0.0
85°	35.0	7.0	1.6	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.8	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)