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: P1203000

Luminaire Tested: GWC-SB2B-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:	P1203000
	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-SB2B-735-U-SL3-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH 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:	9067 lumens
Efficiency:	N/A
Efficacy:	122.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

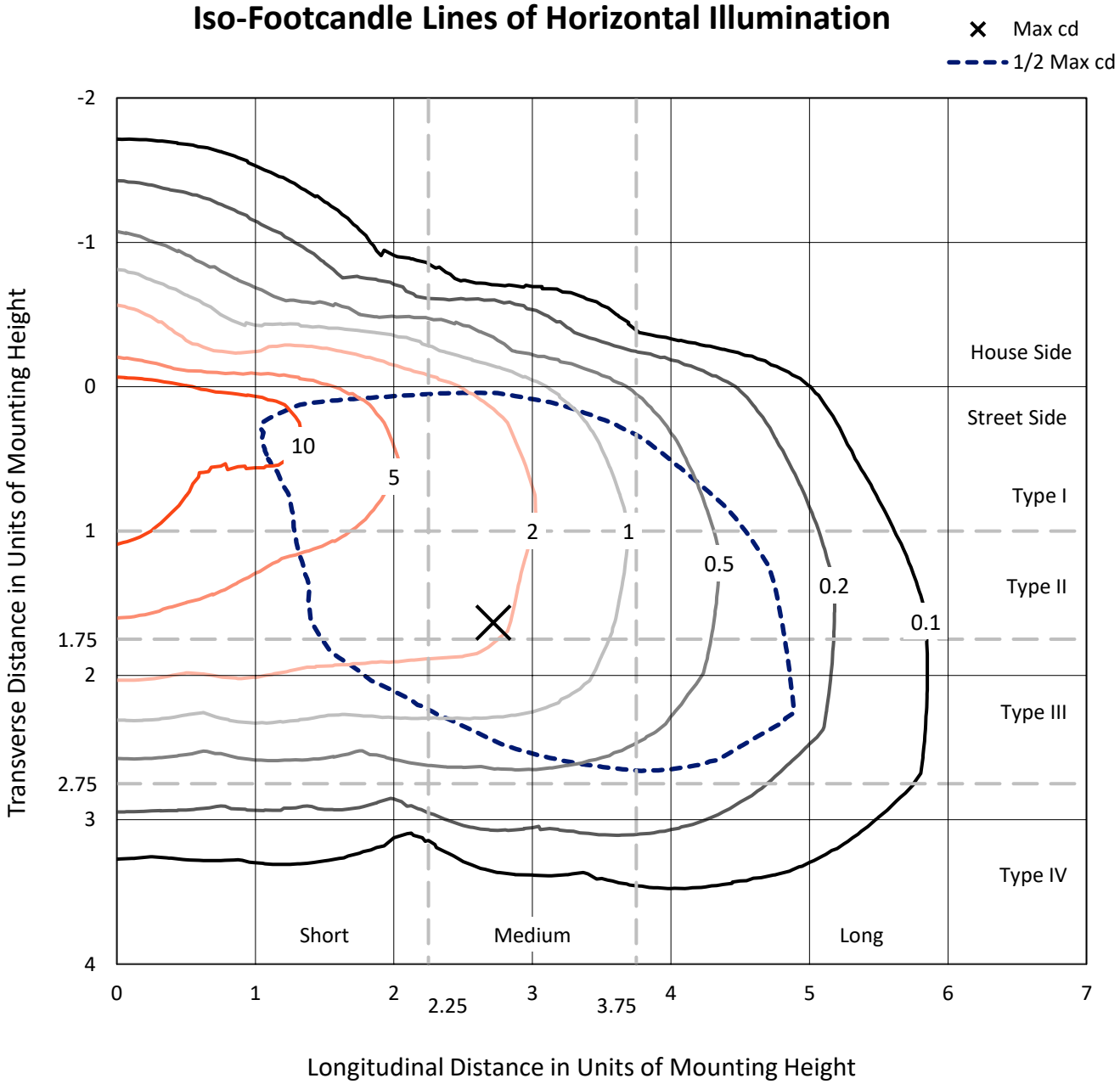


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Iso-Footcandle Lines of Horizontal Illumination



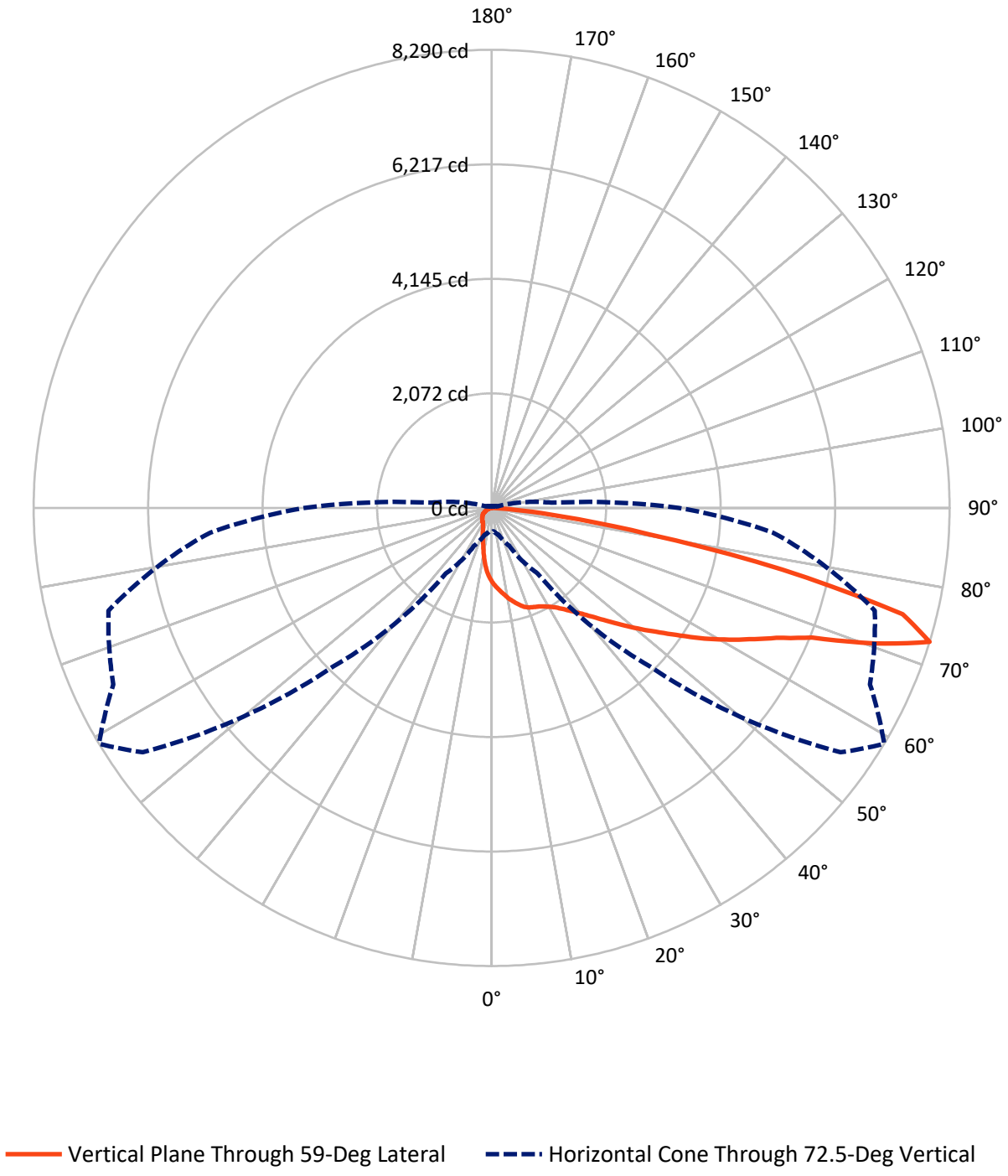
Based on 10 foot mounting height. Maximum calculated value = 16.6 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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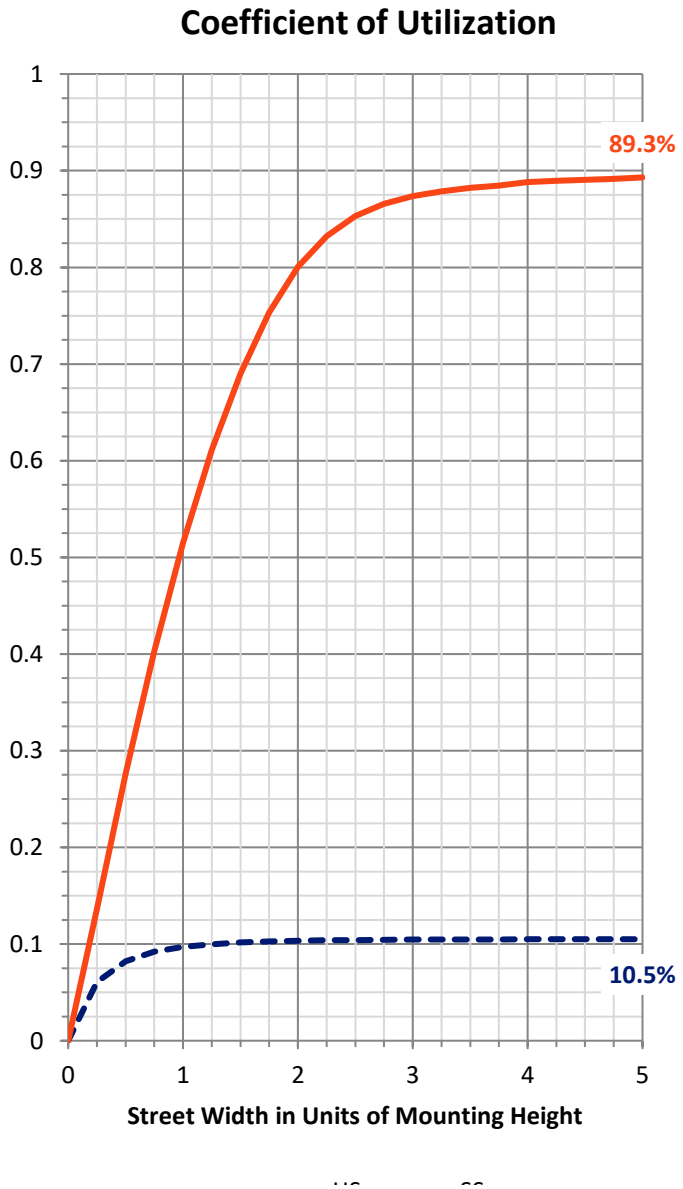
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	957.7	0.0	957.7
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	8109.3	0.0	8109.3
	% Fixture	89.4	0.0	89.4
Total	Lumens	9067.0	0.0	9067.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.3	1.3
10°-20°	322.2	3.6
20°-30°	510.7	5.6
30°-40°	819.5	9.0
40°-50°	1308.9	14.4
50°-60°	1895.1	20.9
60°-70°	2249.0	24.8
70°-80°	1669.6	18.4
80°-90°	170.7	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°	9067.0	100.0
0°-180°	9067.0	100.0



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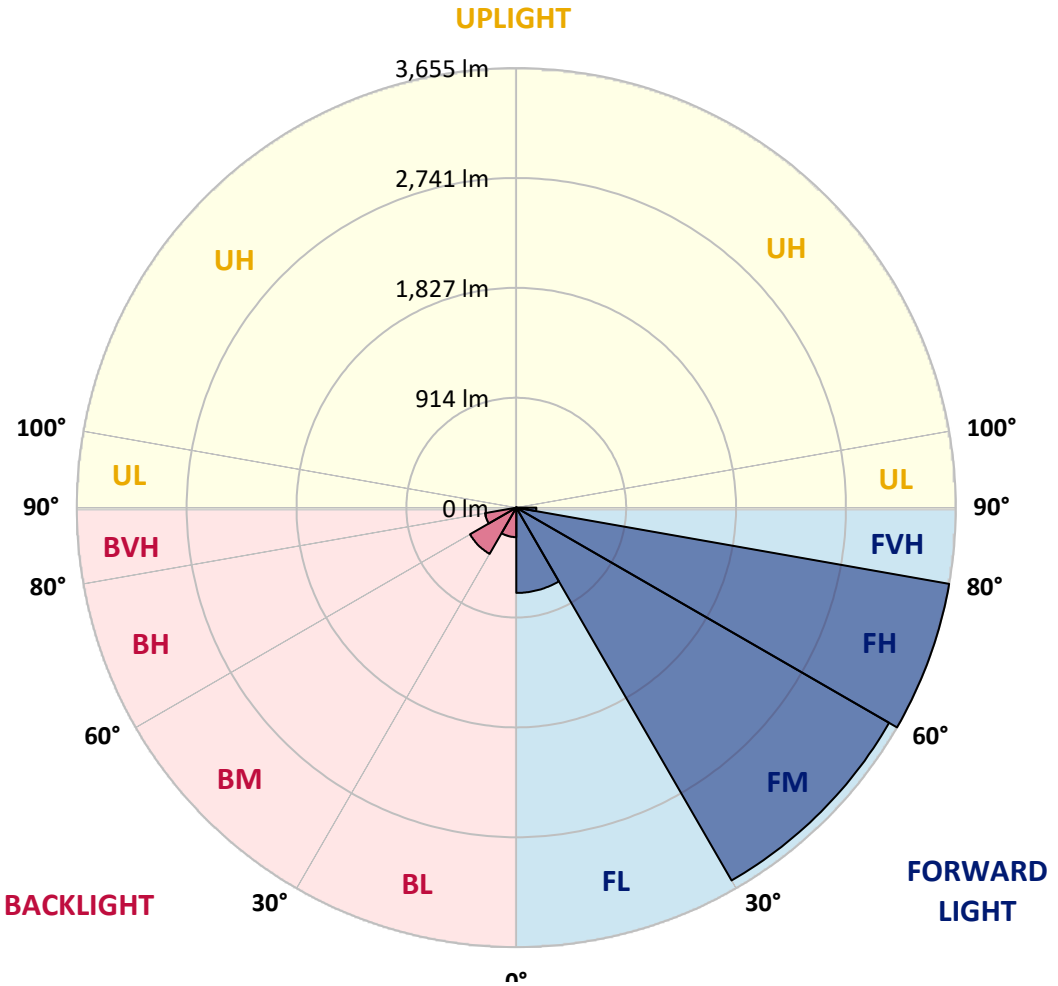
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	708.8	7.8			
FM	(30°-60°)	3579.5	39.5			
FH	(60°-80°)	3654.5	40.3			G2/5000
FVH	(80°-90°)	166.5	1.8			G2/225
BL	(0°-30°)	245.3	2.7	B1/500		
BM	(30°-60°)	444.0	4.9	B1/1000		
BH	(60°-80°)	264.1	2.9	B1/500		G1/500
BVH	(80°-90°)	4.2	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°	1340.8	1340.8	1340.8	1340.8	1340.8	1340.8	1340.8	*1340.8*	1340.8	1340.8	1340.8
2.5°	1487.6	1479.3	1480.5	1466.3	1456.2	1445.6	1424.9	*1421.9*	1407.1	1381.0	1354.4
5°	1617.2	1611.9	1607.2	1591.2	1570.5	1544.4	1509.5	*1497.1*	1469.8	1424.9	1372.8
7.5°	1712.0	1705.4	1707.8	1691.8	1675.3	1646.2	1598.3	*1575.2*	1539.1	1470.4	1391.7
10°	1730.3	1726.8	1742.1	1748.1	1748.1	1729.7	1682.9	*1659.9*	1607.2	1519.6	1411.2
12.5°	1627.3	1627.9	1666.4	1712.5	1772.9	1790.1	1758.7	*1733.9*	1681.8	1571.7	1436.1
15°	1507.1	1507.7	1545.0	1604.2	1703.1	1801.9	1826.8	*1810.8*	1756.9	1627.9	1465.1
17.5°	1434.9	1432.0	1456.8	1505.4	1609.0	1748.1	1868.2	*1878.9*	1835.1	1690.1	1497.1
20°	1424.9	1419.5	1432.5	1456.8	1530.8	1680.6	1873.0	*1923.3*	1915.6	1760.5	1533.8
22.5°	1486.4	1478.1	1471.0	1472.2	1503.6	1624.3	1861.1	*1948.1*	1998.5	1845.1	1584.1
25°	1608.4	1595.3	1572.3	1542.7	1536.1	1612.5	1852.8	*1975.4*	2075.4	1953.5	1650.4
27.5°	1757.5	1739.2	1694.8	1650.4	1612.5	1645.7	1870.0	*2018.6*	2162.4	2079.6	1727.3
30°	1921.5	1899.0	1854.6	1770.6	1710.2	1719.6	1910.9	*2075.4*	2273.7	2222.2	1823.8
32.5°	2162.4	2110.3	2032.8	1904.3	1824.4	1799.6	1972.4	*2147.6*	2411.7	2412.2	1963.5
35°	2369.0	2340.0	2261.9	2102.1	1938.1	1905.5	2053.5	*2249.5*	2602.9	2663.8	2158.9
37.5°	2504.6	2464.9	2396.3	2276.1	2114.5	2014.4	2161.8	*2374.4*	2805.3	2950.3	2399.8
40°	2656.1	2617.1	2525.9	2412.8	2319.3	2201.5	2298.6	*2518.2*	3027.3	3244.5	2675.1
42.5°	2839.0	2788.1	2680.4	2558.5	2460.8	2447.8	2477.4	*2697.6*	3255.2	3564.2	2961.6
45°	3053.9	3006.0	2882.3	2728.4	2642.5	2619.4	2702.3	*2906.5*	3509.1	3914.6	3251.1
47.5°	3255.2	3199.6	3066.4	2926.1	2830.8	2757.9	2941.5	*3153.4*	3796.8	4281.1	3524.5
50°	3426.3	3369.4	3247.5	3097.7	3033.2	2937.9	3176.5	*3428.6*	4082.2	4653.4	3774.3
52.5°	3543.5	3493.2	3349.9	3248.1	3204.3	3156.3	3451.7	*3720.5*	4366.3	4994.4	4021.2
55°	3516.8	3471.9	3345.8	3338.7	3335.7	3386.0	3780.9	*4051.4*	4655.8	5317.0	4266.9
57.5°	3432.2	3381.3	3223.8	3332.2	3436.9	3590.8	4137.2	*4442.7*	4973.1	5621.3	4503.6
60°	3183.0	3165.2	3069.3	3319.7	3479.6	3791.5	4544.5	*4835.7*	5316.4	5888.8	4713.8
62.5°	2655.5	2670.9	2670.3	3345.8	3556.5	4020.0	4914.5	*5233.5*	5652.1	6146.3	4900.9
65°	1988.4	2041.7	2109.8	3111.4	3659.5	4427.9	5356.7	*5665.1*	5993.0	6445.9	5090.9
67.5°	1336.1	1378.7	1424.9	2552.5	3352.9	4856.5	6091.3	*6256.4*	6401.5	6778.0	5304.6
70°	764.8	778.4	843.0	1594.2	2584.5	4738.1	7287.6	*7347.4*	7010.6	7187.0	5460.3
72.5°	*428.6*	*423.8*	*509.1*	*756.5*	*1444.4*	*4057.3*	*7706.7*	*8289.8*	*7555.8*	*7180.5*	*5112.8*
75°	286.5	287.1	350.4	477.1	563.0	2840.2	6641.2	*7686.6*	7229.0	6367.1	4177.5
77.5°	195.3	201.9	257.5	368.8	260.5	1385.8	4393.5	*5384.5*	5852.7	4916.8	2884.0
80°	84.7	85.2	169.9	264.6	175.8	441.0	2277.9	*2884.6*	3670.8	2760.9	1142.5
82.5°	43.8	49.7	108.3	171.1	110.7	154.5	1076.2	*1260.3*	1540.3	810.4	234.4
85°	15.4	18.4	66.9	84.1	55.6	55.1	374.7	*381.8*	326.2	121.9	64.5
87.5°	0.0	3.0	26.0	20.7	7.1	6.5	44.4	*37.3*	29.6	17.2	21.3
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°	1340.8	1340.8	1340.8	1340.8	1340.8	1340.8	1340.8	1340.8	1340.8	1340.8	1340.8
2.5°	1342.0	1326.0	1299.9	1268.0	1230.7	1210.6	1181.6	1163.8	1147.8	1148.4	1161.4
5°	1343.8	1317.1	1250.8	1180.4	1102.2	1044.8	980.9	935.9	901.6	893.3	905.7
7.5°	1349.1	1304.1	1195.8	1078.6	948.3	851.8	763.6	708.0	676.6	668.3	676.6
10°	1356.2	1289.9	1133.6	954.2	792.6	676.6	603.2	567.7	553.5	542.8	549.3
12.5°	1362.1	1275.1	1055.5	825.8	654.1	563.5	507.9	478.3	465.9	458.2	462.3
15°	1372.2	1255.6	970.8	706.2	560.6	486.6	433.9	412.0	408.5	409.6	411.4
17.5°	1382.2	1236.6	876.1	612.7	491.9	419.1	387.1	383.6	388.3	393.1	394.8
20°	1393.5	1209.4	780.2	542.2	428.6	372.3	364.1	366.4	368.8	377.1	379.4
22.5°	1410.1	1175.0	696.1	482.4	375.9	349.8	345.7	347.5	349.3	357.5	359.9
25°	1433.7	1138.3	628.1	427.4	342.7	331.5	327.4	327.4	329.7	337.4	340.4
27.5°	1458.6	1086.2	573.0	376.5	323.2	311.4	304.3	304.3	307.2	316.1	319.7
30°	1486.4	1038.9	529.8	338.6	306.6	291.2	281.8	279.4	283.0	294.2	297.2
32.5°	1536.7	1008.1	499.0	320.8	291.8	272.9	259.9	253.4	256.9	269.9	273.5
35°	1613.1	1001.0	477.7	312.0	277.6	256.3	238.0	227.9	230.9	244.5	248.6
37.5°	1702.5	1015.8	457.0	300.1	264.0	240.3	216.1	203.0	207.8	220.2	223.8
40°	1830.9	1077.4	441.0	291.2	250.4	221.4	194.2	181.1	188.8	199.5	201.3
42.5°	1986.0	1186.9	436.9	283.0	233.8	201.3	174.0	164.6	170.5	180.5	182.3
45°	2178.4	1326.6	455.8	272.3	215.5	181.7	158.1	152.7	154.5	164.6	169.3
47.5°	2385.0	1469.8	507.9	262.8	199.5	165.7	145.6	140.9	139.7	149.2	155.1
50°	2594.0	1597.1	569.5	255.7	188.2	152.7	136.2	130.2	127.3	133.2	135.6
52.5°	2800.6	1698.3	609.7	243.9	177.0	139.7	127.9	119.0	113.7	116.6	119.0
55°	3010.1	1787.1	612.1	226.1	166.3	131.4	119.6	109.5	103.0	103.0	104.2
57.5°	3206.1	1865.3	577.2	202.5	151.5	123.7	108.3	100.0	92.9	90.6	91.2
60°	3379.5	1923.3	519.2	175.8	138.5	113.7	97.1	90.6	81.7	77.0	75.8
62.5°	3534.0	1951.7	439.8	148.6	122.5	101.8	86.4	79.3	67.5	61.6	61.0
65°	3664.8	1922.7	357.0	123.1	108.9	88.8	74.0	66.9	53.9	46.8	46.8
67.5°	3794.5	1790.1	269.9	103.6	94.7	74.6	61.0	54.5	45.0	39.1	39.1
70°	3811.0	1511.3	188.8	87.0	78.7	57.4	49.1	45.0	36.7	31.4	30.8
72.5°	*3392.5*	*1087.4*	*114.8*	*71.0*	*61.6*	*40.8*	*39.1*	*35.5*	*27.2*	*23.7*	*23.1*
75°	2711.8	666.5	67.5	53.3	40.8	29.0	29.0	25.5	18.4	15.4	15.4
77.5°	1874.2	348.7	39.7	34.3	24.3	17.2	18.9	15.4	8.9	7.1	7.1
80°	750.6	132.6	21.3	16.0	11.2	7.7	6.5	3.6	1.8	1.2	1.8
82.5°	149.8	34.9	7.1	4.1	4.1	1.8	0.0	0.0	0.0	0.0	0.0
85°	38.5	7.7	1.8	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.8	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


HS
SS

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(END OF REPORT)