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: P1201889

Luminaire Tested: GWC-SB1C-735-U-T3

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201889
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-735-U-T3
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7534 lumens
Efficiency:	N/A
Efficacy:	138.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
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

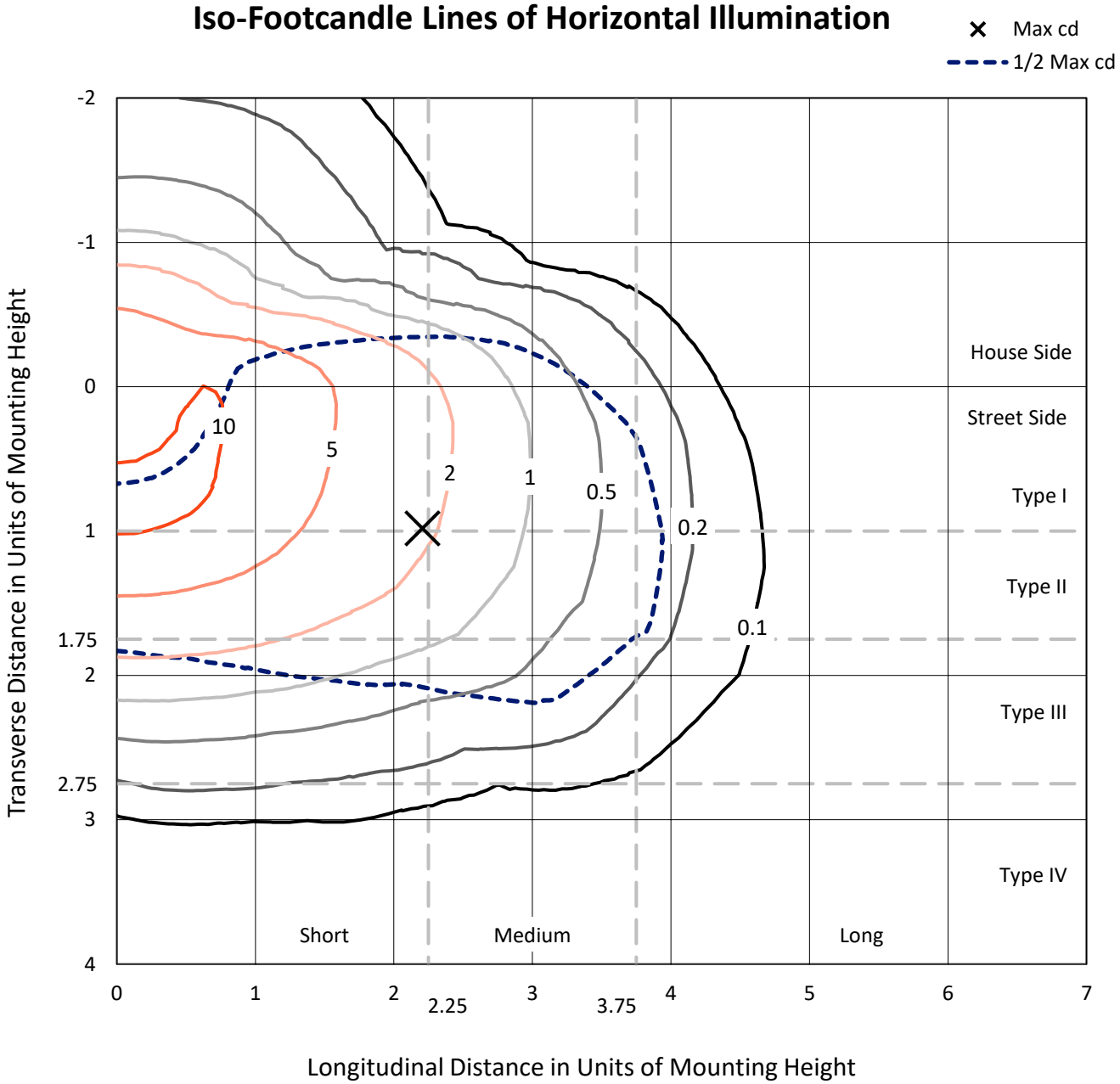


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Iso-Footcandle Lines of Horizontal Illumination



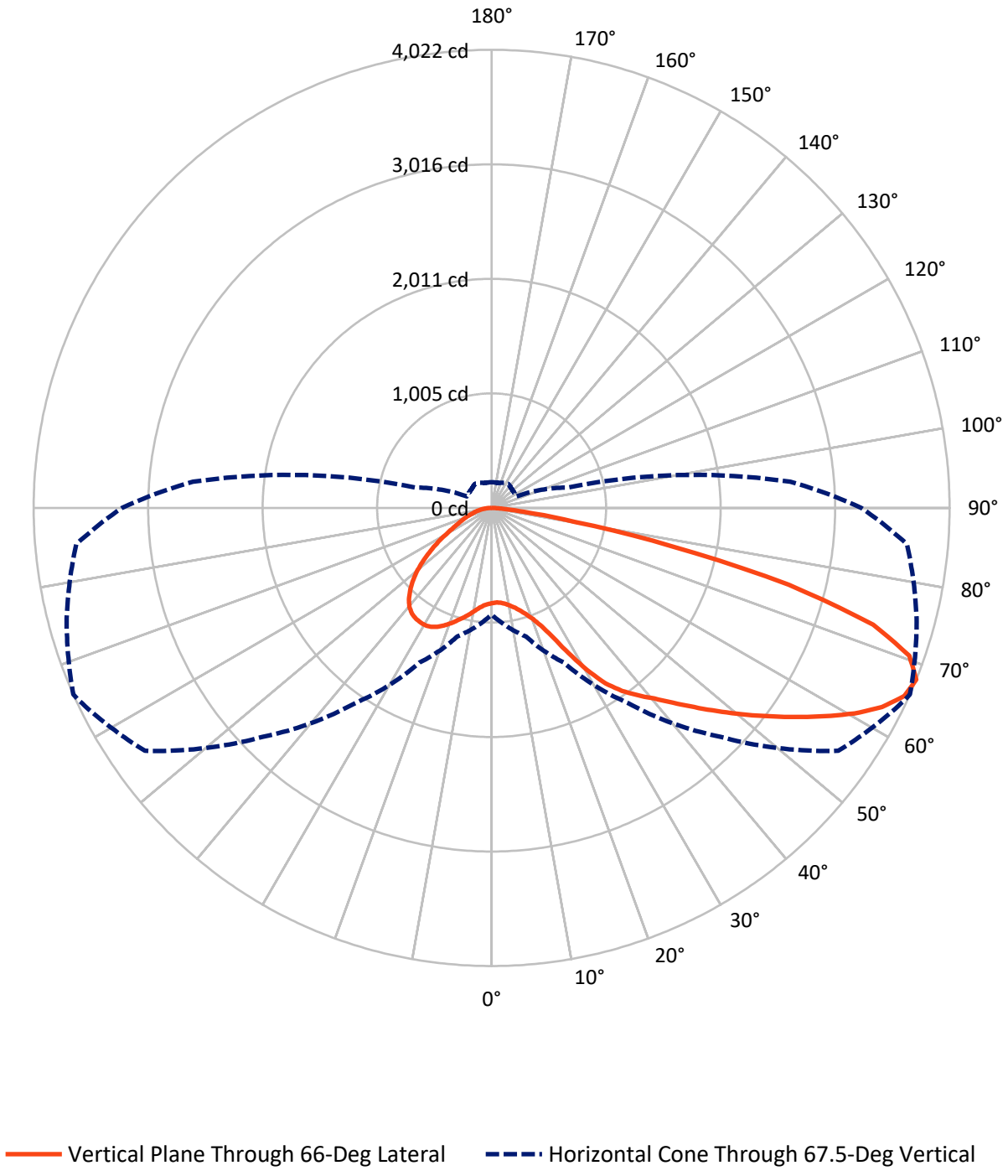
Based on 10 foot mounting height. Maximum calculated value = 11.8 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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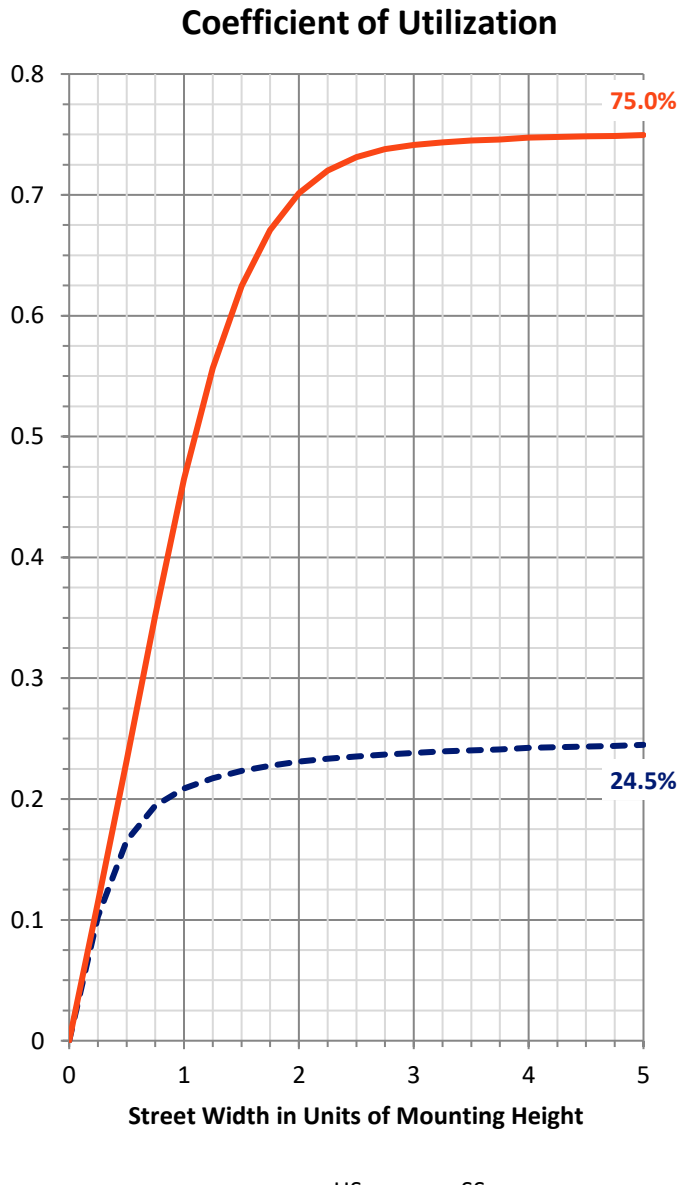
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1873.3	0.0	1873.3
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	5660.7	0.0	5660.7
	% Fixture	75.1	0.0	75.1
Total	Lumens	7534.0	0.0	7534.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.8	1.1
10°-20°	273.7	3.6
20°-30°	527.6	7.0
30°-40°	925.0	12.3
40°-50°	1375.2	18.3
50°-60°	1743.2	23.1
60°-70°	1705.7	22.6
70°-80°	813.7	10.8
80°-90°	87.0	1.2
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°	7534.0	100.0
0°-180°	7534.0	100.0



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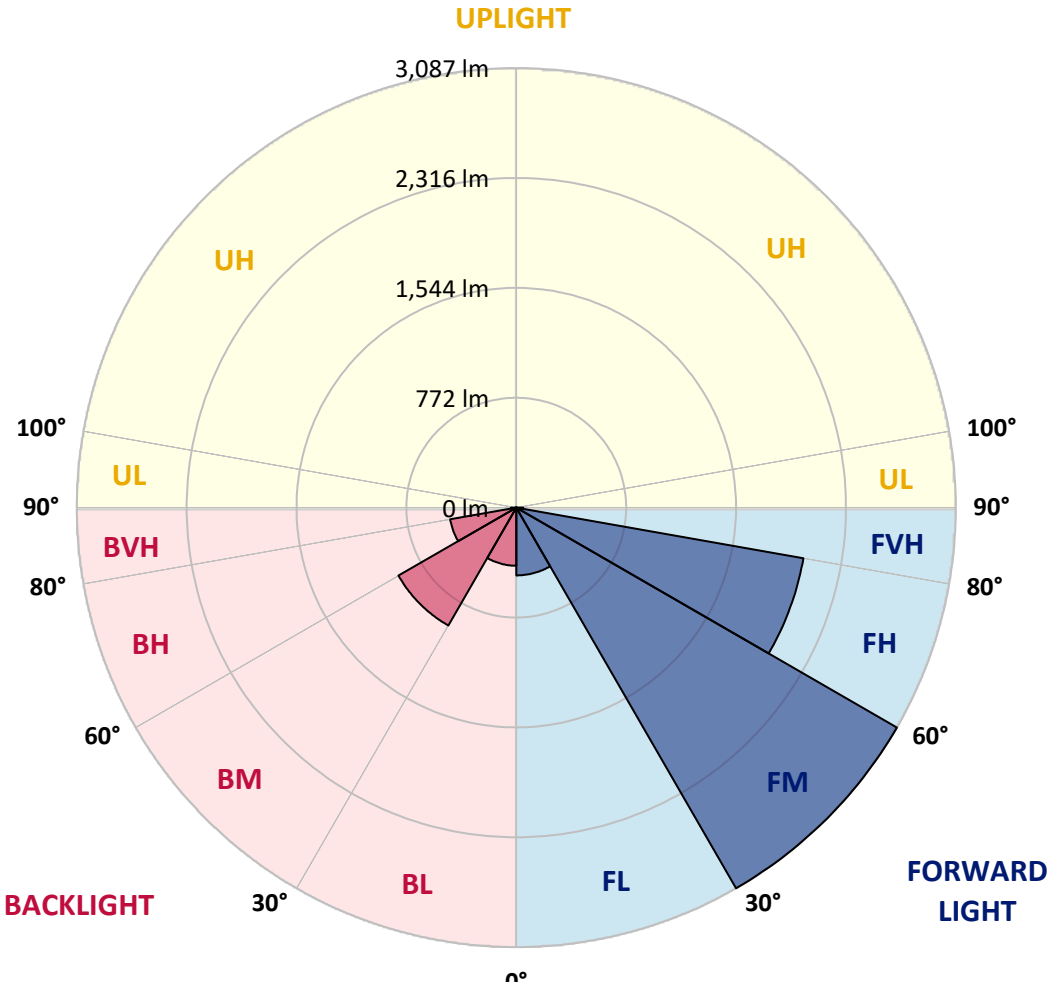
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	476.1	6.3			
FM	(30°-60°)	3087.4	41.0			
FH	(60°-80°)	2048.0	27.2			G2/5000
FVH	(80°-90°)	49.3	0.7			G1/100
BL	(0°-30°)	408.1	5.4	B1/500		
BM	(30°-60°)	956.2	12.7	B1/1000		
BH	(60°-80°)	471.4	6.3	B1/500		G1/500
BVH	(80°-90°)	37.7	0.5			G1/100
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 Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	835.6	835.6	835.6	835.6	835.6	835.6	835.6	835.6	*835.6*	835.6	835.6
2.5°	826.9	831.7	830.5	828.5	828.1	828.9	830.1	831.3	*830.9*	832.8	836.0
5°	824.5	829.3	828.9	828.9	830.5	833.6	835.6	837.6	*835.6*	838.0	842.3
7.5°	826.1	829.7	831.3	832.8	836.8	842.7	847.5	851.8	*849.5*	852.2	857.8
10°	846.3	849.1	850.7	850.7	853.4	860.2	864.9	872.8	*870.9*	875.2	882.3
12.5°	883.1	885.9	885.9	884.3	886.3	890.6	892.2	900.9	*897.4*	904.5	911.6
15°	928.2	933.8	929.4	926.7	927.5	931.8	931.4	938.1	*934.6*	940.5	946.9
17.5°	978.1	985.2	978.1	977.7	976.1	980.9	981.3	987.2	*980.9*	985.2	989.6
20°	1037.1	1047.0	1041.1	1043.0	1039.5	1041.5	1043.4	1052.1	*1042.2*	1045.4	1044.2
22.5°	1120.2	1132.1	1125.8	1133.3	1130.9	1129.3	1128.9	1144.4	*1128.9*	1130.1	1118.6
25°	1241.4	1255.6	1244.5	1254.8	1254.8	1260.0	1265.9	1285.7	*1260.0*	1252.4	1222.8
27.5°	1420.3	1434.5	1412.8	1419.1	1417.1	1429.8	1423.4	1472.5	*1444.8*	1432.5	1372.8
30°	1635.6	1660.9	1619.8	1618.2	1616.2	1636.4	1645.5	1678.0	*1649.9*	1637.6	1565.6
32.5°	1868.4	1894.9	1845.8	1831.6	1824.0	1836.3	1828.8	1854.9	*1835.5*	1816.5	1727.4
35°	2114.6	2140.7	2094.0	2066.3	2036.2	2010.5	1983.6	1990.3	*1972.1*	1943.2	1851.0
37.5°	2347.3	2395.2	2345.8	2316.1	2260.6	2210.4	2135.2	2103.9	*2086.9*	2060.4	1967.3
40°	2584.4	2611.8	2574.2	2548.8	2488.7	2409.9	2289.5	2223.4	*2200.5*	2174.7	2096.0
42.5°	2759.0	2785.1	2764.9	2747.5	2700.4	2609.0	2453.4	2370.7	*2337.4*	2308.5	2241.6
45°	2897.6	2917.0	2904.3	2910.6	2890.4	2801.8	2623.2	2528.6	*2494.2*	2459.0	2406.3
47.5°	2953.4	2974.0	2994.1	3031.7	3066.2	3000.9	2805.7	2699.6	*2663.2*	2627.2	2575.3
50°	2947.0	2968.0	3026.6	3106.6	3213.4	3191.7	2998.1	2881.7	*2848.1*	2806.9	2759.0
52.5°	2896.4	2920.1	2995.3	3128.3	3298.5	3334.6	3194.0	3069.7	*3038.1*	2989.0	2941.1
55°	2763.4	2777.6	2890.4	3078.9	3318.7	3434.3	3386.0	3270.0	*3238.4*	3169.9	3117.6
57.5°	2516.8	2537.3	2701.6	2945.5	3268.1	3502.0	3554.7	3480.6	*3450.1*	3351.6	3297.0
60°	2194.9	2227.8	2415.8	2721.4	3139.0	3501.6	3707.8	3687.7	*3662.3*	3530.5	3473.5
62.5°	1830.8	1868.8	2049.7	2404.7	2913.4	3402.3	3803.6	3861.0	*3848.0*	3695.6	3622.7
65°	1406.0	1432.2	1612.3	1995.0	2562.3	3188.9	3814.7	3979.4	*3981.8*	3821.1	3700.7
67.5°	*936.2*	*1011.4*	*1167.7*	*1497.1*	*2092.0*	*2840.2*	*3717.3*	*3998.8*	*4021.7*	*3864.2*	*3661.5*
70°	456.8	555.8	709.0	973.0	1497.1	2305.4	3462.8	3839.7	*3890.7*	3738.3	3428.0
72.5°	189.6	221.7	305.2	480.2	859.4	1555.7	2951.4	3408.2	*3502.8*	3312.4	2882.1
75°	127.9	138.5	174.6	246.2	391.5	767.1	2128.4	2541.3	*2693.7*	2501.7	2044.9
77.5°	98.6	105.3	127.1	172.2	232.8	290.2	1139.2	1531.5	*1610.3*	1490.7	1064.0
80°	77.6	82.7	95.0	125.5	165.1	155.2	388.3	693.9	*739.4*	620.3	342.0
82.5°	67.3	69.3	68.1	85.1	109.6	90.6	127.5	256.1	*282.6*	205.0	111.6
85°	48.7	54.2	56.6	52.6	58.2	45.9	52.3	90.6	*99.8*	89.1	62.9
87.5°	19.8	29.3	36.0	34.0	21.4	13.1	16.2	26.5	*30.5*	33.3	20.6
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°	835.6	835.6	835.6	835.6	835.6	835.6	835.6	835.6	835.6	835.6	835.6
2.5°	836.4	839.2	841.2	843.5	845.1	847.5	852.2	855.0	855.4	857.4	857.0
5°	843.9	847.9	852.2	858.6	865.7	871.6	880.7	887.1	889.5	891.4	891.0
7.5°	860.2	865.7	873.6	884.7	895.0	902.9	914.0	921.5	929.0	931.8	932.2
10°	884.3	892.2	903.7	918.7	929.8	940.1	951.6	957.9	965.5	968.6	970.2
12.5°	914.4	922.7	937.7	958.7	969.0	976.1	980.1	978.5	980.1	982.9	983.7
15°	948.8	957.9	975.0	997.5	1004.6	998.3	989.6	981.7	980.5	981.3	984.1
17.5°	989.6	996.3	1016.1	1035.1	1030.0	1003.9	984.9	972.2	965.9	963.9	966.6
20°	1046.6	1046.6	1062.8	1074.7	1040.3	995.9	966.2	945.7	932.6	927.1	925.9
22.5°	1115.9	1109.5	1119.8	1111.5	1038.3	973.8	932.6	897.0	877.2	869.3	868.1
25°	1203.8	1196.2	1193.5	1142.0	1024.0	938.5	871.6	828.5	811.1	806.7	807.5
27.5°	1336.4	1317.4	1281.3	1158.6	997.9	883.1	800.4	760.4	750.5	750.9	752.1
30°	1512.9	1474.9	1386.6	1161.4	955.2	804.7	727.6	699.1	694.3	696.3	703.0
32.5°	1676.4	1640.4	1494.3	1148.7	889.5	728.0	662.2	643.2	636.1	638.5	641.7
35°	1804.6	1794.7	1594.1	1130.9	808.7	655.9	603.7	587.4	573.6	570.4	572.8
37.5°	1925.8	1921.8	1668.9	1106.0	728.7	604.8	556.6	535.2	515.0	503.9	504.3
40°	2058.8	2054.8	1717.9	1067.6	657.9	560.5	514.2	486.1	461.2	441.0	442.9
42.5°	2208.4	2185.0	1741.3	1012.6	597.7	522.9	479.8	441.8	408.9	390.3	391.5
45°	2371.9	2319.2	1740.9	942.5	547.1	488.5	442.9	389.1	358.6	341.2	340.4
47.5°	2545.3	2447.5	1719.5	864.9	498.0	450.5	385.9	344.8	324.6	313.9	311.5
50°	2724.2	2567.4	1683.1	775.8	447.7	407.3	350.3	322.2	306.8	296.9	293.3
52.5°	2892.4	2676.3	1639.2	674.9	396.6	365.4	334.5	312.7	296.5	285.4	280.7
55°	3048.8	2770.1	1577.0	571.6	355.1	337.3	327.0	308.8	290.2	277.1	271.9
57.5°	3187.7	2831.1	1469.8	474.6	325.4	317.9	319.0	302.0	280.7	269.6	262.4
60°	3303.3	2875.8	1311.0	384.8	301.2	298.9	306.8	289.4	264.4	251.8	246.2
62.5°	3372.6	2875.0	1116.3	315.1	280.7	281.4	290.5	273.5	248.2	236.3	232.8
65°	3366.6	2804.5	902.5	269.6	260.9	261.7	273.5	256.1	234.7	227.6	227.2
67.5°	*3247.5*	*2632.7*	*692.3*	*239.9*	*239.1*	*242.7*	*256.5*	*244.2*	*226.4*	*225.6*	*226.8*
70°	2924.9	2276.1	498.8	216.1	216.5	221.7	239.9	236.7	222.1	223.7	223.3
72.5°	2345.4	1735.4	334.9	191.2	191.6	199.9	224.0	230.8	217.7	238.7	241.9
75°	1562.0	1082.2	215.3	164.7	165.1	175.8	210.2	219.3	205.8	237.9	239.9
77.5°	750.5	486.5	156.0	138.5	138.5	148.4	181.7	196.3	175.4	184.9	169.4
80°	259.3	182.9	122.7	111.6	109.3	116.0	153.2	170.2	151.2	139.3	130.6
82.5°	102.1	95.0	98.6	86.7	78.8	83.1	119.1	140.5	111.2	100.5	100.1
85°	58.6	61.8	69.7	57.4	45.5	51.1	87.5	100.9	83.9	74.0	75.6
87.5°	15.8	21.8	32.1	29.7	20.6	21.8	41.6	55.8	48.3	37.2	38.4
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)