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: P1203011

Luminaire Tested: GWC-SB2B-735-U-T3

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:	P1203011
	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-SB2B-735-U-T3
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11267 lumens
Efficiency:	N/A
Efficacy:	152.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - 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

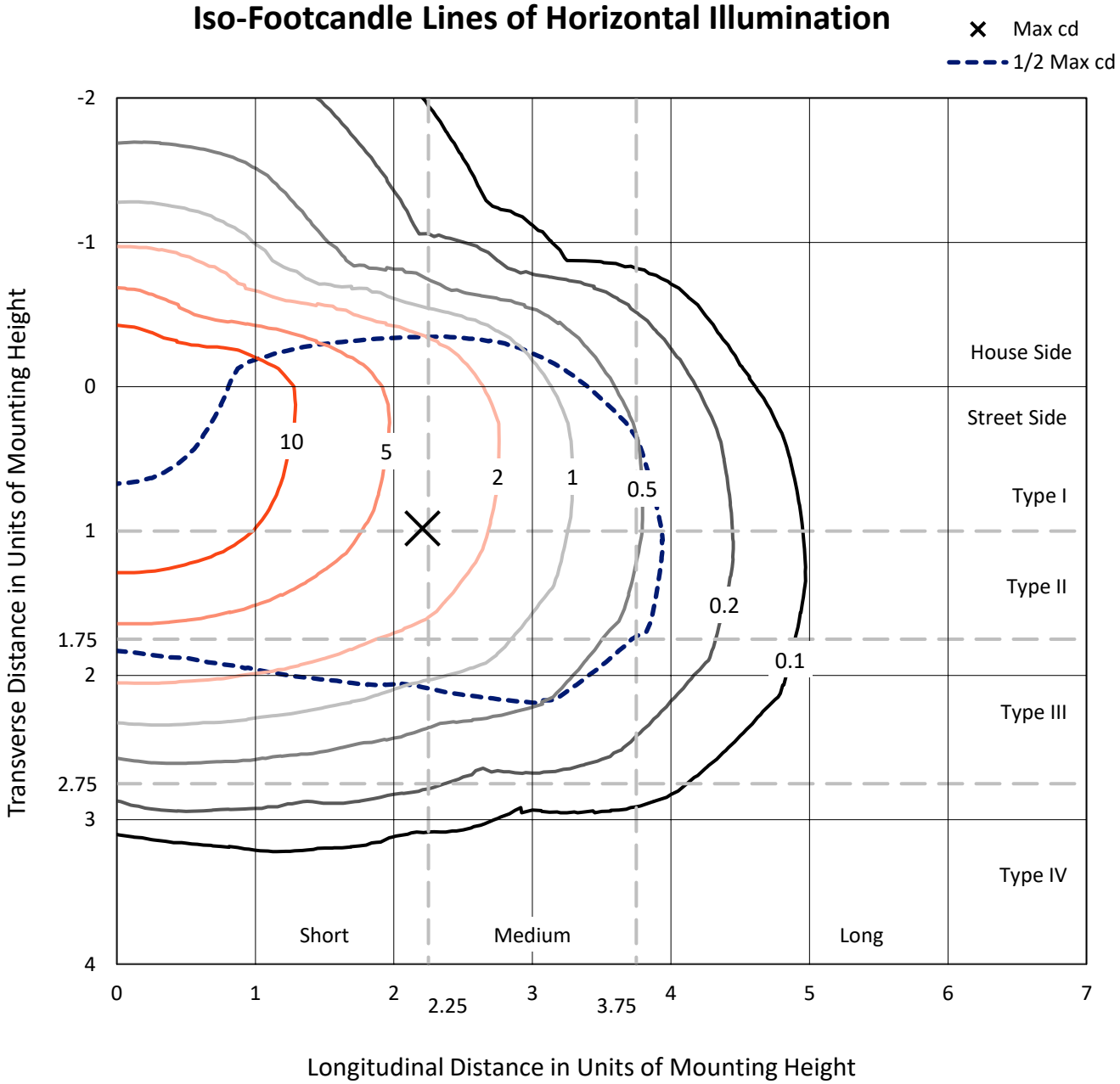


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Iso-Footcandle Lines of Horizontal Illumination



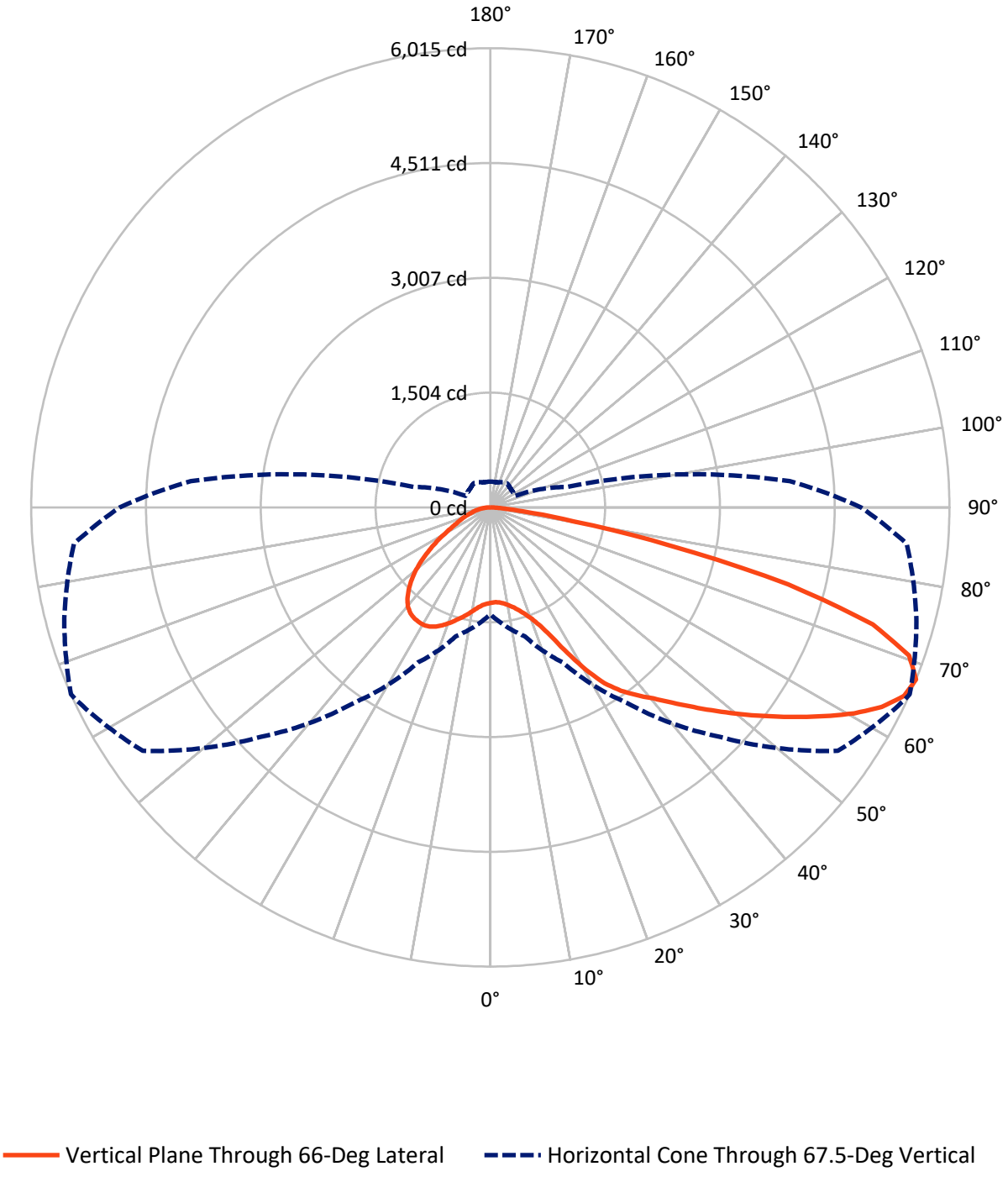
Based on 10 foot mounting height. Maximum calculated value = 17.7 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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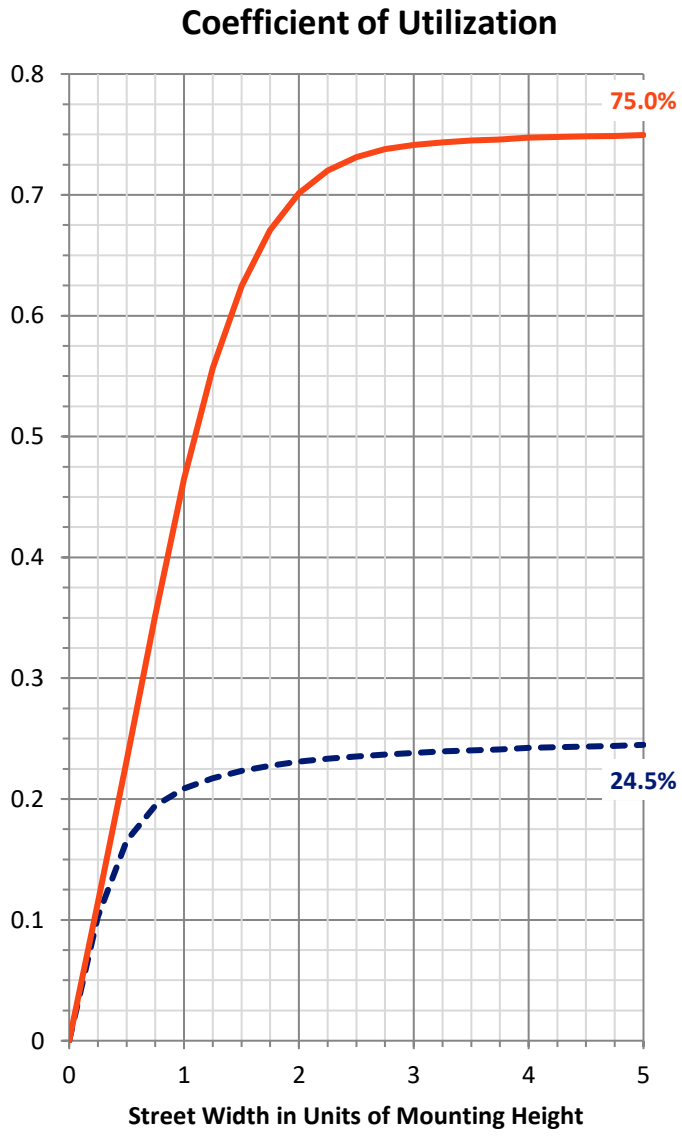
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2801.5	0.0	2801.5
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	8465.5	0.0	8465.5
	% Fixture	75.1	0.0	75.1
Total	Lumens	11267.0	0.0	11267.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.9	1.1
10°-20°	409.3	3.6
20°-30°	789.0	7.0
30°-40°	1383.4	12.3
40°-50°	2056.6	18.3
50°-60°	2607.0	23.1
60°-70°	2550.9	22.6
70°-80°	1216.8	10.8
80°-90°	130.0	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°	11267.0	100.0
0°-180°	11267.0	100.0



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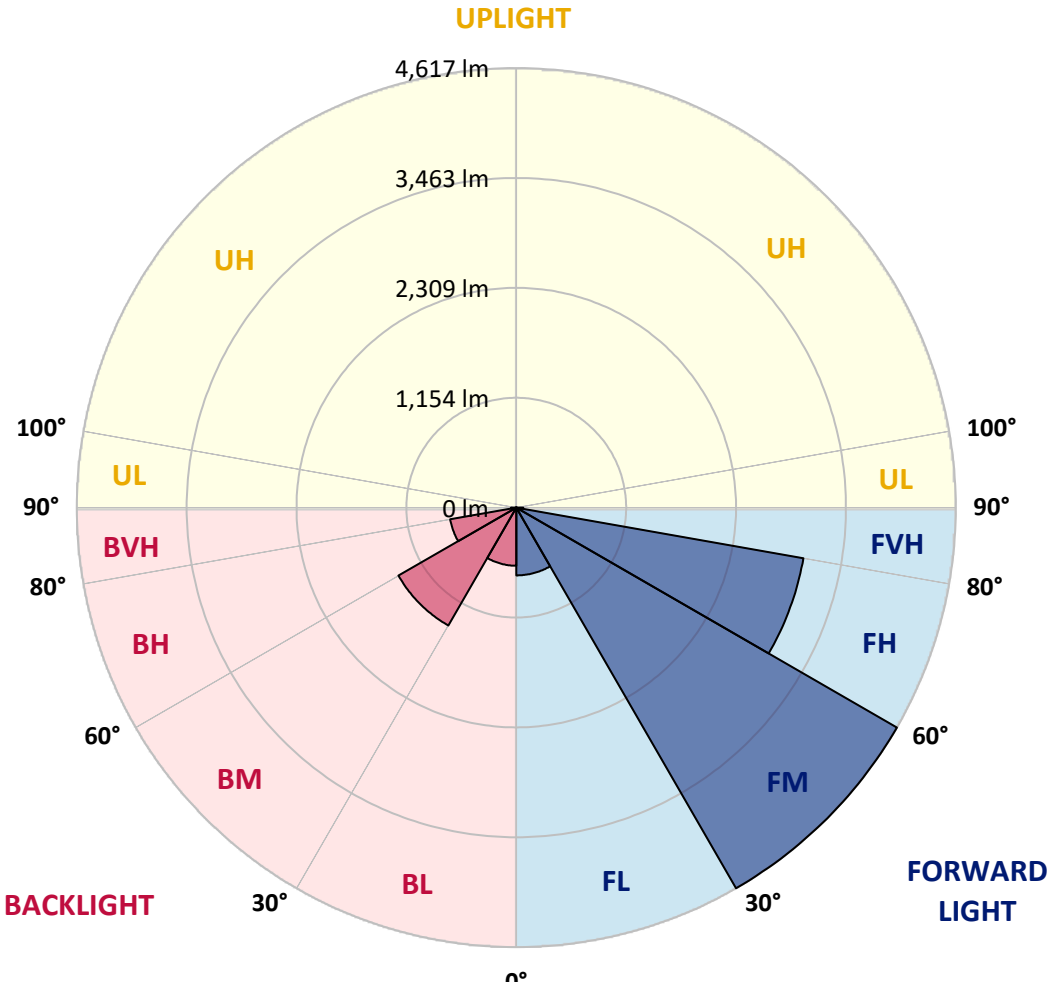
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	712.0	6.3			
FM	(30°-60°)	4617.1	41.0			
FH	(60°-80°)	3062.7	27.2			G2/5000
FVH	(80°-90°)	73.7	0.7			G1/100
BL	(0°-30°)	610.3	5.4	B2/1000		
BM	(30°-60°)	1429.9	12.7	B2/2500		
BH	(60°-80°)	705.0	6.3	B2/1000		G2/1000
BVH	(80°-90°)	56.3	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	1249.7	1249.7	1249.7	1249.7	1249.7	1249.7	1249.7	1249.7	*1249.7*	1249.7	1249.7
2.5°	1236.6	1243.7	1242.0	1239.0	1238.4	1239.6	1241.4	1243.1	*1242.6*	1245.5	1250.3
5°	1233.1	1240.2	1239.6	1239.6	1242.0	1246.7	1249.7	1252.6	*1249.7*	1253.2	1259.7
7.5°	1235.5	1240.8	1243.1	1245.5	1251.4	1260.3	1267.4	1273.9	*1270.4*	1274.5	1282.8
10°	1265.6	1269.8	1272.2	1272.2	1276.3	1286.4	1293.5	1305.3	*1302.3*	1308.9	1319.5
12.5°	1320.7	1324.8	1324.8	1322.5	1325.4	1331.9	1334.3	1347.3	*1342.0*	1352.7	1363.3
15°	1388.2	1396.5	1390.0	1385.8	1387.0	1393.5	1392.9	1403.0	*1397.7*	1406.5	1416.0
17.5°	1462.8	1473.4	1462.8	1462.2	1459.8	1466.9	1467.5	1476.4	*1466.9*	1473.4	1479.9
20°	1551.0	1565.8	1556.9	1559.9	1554.5	1557.5	1560.4	1573.5	*1558.7*	1563.4	1561.6
22.5°	1675.3	1693.0	1683.6	1694.8	1691.3	1688.9	1688.3	1711.4	*1688.3*	1690.1	1672.9
25°	1856.4	1877.7	1861.2	1876.6	1876.6	1884.3	1893.1	1922.7	*1884.3*	1873.0	1828.6
27.5°	2124.0	2145.3	2112.8	2122.2	2119.3	2138.2	2128.7	2202.1	*2160.7*	2142.4	2053.0
30°	2446.0	2483.9	2422.4	2420.0	2417.0	2447.2	2460.8	2509.4	*2467.4*	2449.0	2341.3
32.5°	2794.1	2833.8	2760.4	2739.1	2727.8	2746.2	2734.9	2774.0	*2745.0*	2716.6	2583.4
35°	3162.3	3201.4	3131.5	3090.1	3045.1	3006.6	2966.4	2976.5	*2949.2*	2906.0	2768.1
37.5°	3510.4	3582.0	3508.0	3463.6	3380.8	3305.6	3193.1	3146.3	*3120.9*	3081.2	2942.1
40°	3865.0	3905.9	3849.6	3811.7	3721.7	3603.9	3424.0	3325.1	*3290.8*	3252.3	3134.5
42.5°	4126.1	4165.1	4134.9	4108.9	4038.5	3901.7	3669.1	3545.3	*3495.6*	3452.4	3352.4
45°	4333.3	4362.3	4343.3	4352.8	4322.6	4190.0	3923.0	3781.5	*3730.0*	3677.3	3598.6
47.5°	4416.7	4447.5	4477.7	4533.9	4585.4	4487.8	4195.9	4037.3	*3982.8*	3928.9	3851.4
50°	4407.3	4438.6	4526.2	4645.8	4805.7	4773.1	4483.6	4309.6	*4259.3*	4197.7	4126.1
52.5°	4331.5	4367.0	4479.5	4678.4	4932.9	4986.8	4776.6	4590.8	*4543.4*	4470.0	4398.4
55°	4132.6	4153.9	4322.6	4604.4	4963.1	5136.0	5063.8	4890.3	*4842.9*	4740.5	4662.4
57.5°	3763.8	3794.6	4040.2	4404.9	4887.3	5237.2	5315.9	5205.2	*5159.7*	5012.3	4930.6
60°	3282.5	3331.6	3612.8	4069.8	4694.4	5236.6	5545.0	5514.8	*5477.0*	5279.8	5194.6
62.5°	2737.9	2794.7	3065.2	3596.2	4356.9	5088.0	5688.3	5774.1	*5754.6*	5526.7	5417.8
65°	2102.7	2141.8	2411.1	2983.6	3831.9	4769.0	5704.9	5951.1	*5954.7*	5714.3	5534.4
67.5°	*1400.0*	*1512.5*	*1746.3*	*2238.8*	*3128.6*	*4247.4*	*5559.2*	*5980.1*	*6014.5*	*5778.9*	*5475.8*
70°	683.1	831.1	1060.2	1455.1	2238.8	3447.7	5178.6	5742.2	*5818.5*	5590.6	5126.5
72.5°	283.6	331.5	456.4	718.1	1285.2	2326.5	4413.8	5096.9	*5238.4*	4953.6	4310.2
75°	191.2	207.2	261.1	368.2	585.5	1147.2	3183.0	3800.5	*4028.4*	3741.3	3058.1
77.5°	147.4	157.5	190.0	257.5	348.1	433.9	1703.7	2290.4	*2408.2*	2229.4	1591.2
80°	116.0	123.7	142.1	187.7	246.9	232.1	580.7	1037.7	*1105.8*	927.6	511.5
82.5°	100.6	103.6	101.8	127.3	164.0	135.6	190.6	383.0	*422.7*	306.6	166.9
85°	72.8	81.1	84.7	78.7	87.0	68.7	78.1	135.6	*149.2*	133.2	94.1
87.5°	29.6	43.8	53.9	50.9	32.0	19.5	24.3	39.7	*45.6*	49.7	30.8
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°	1249.7	1249.7	1249.7	1249.7	1249.7	1249.7	1249.7	1249.7	1249.7	1249.7	1249.7
2.5°	1250.8	1255.0	1257.9	1261.5	1263.9	1267.4	1274.5	1278.7	1279.3	1282.2	1281.6
5°	1262.1	1268.0	1274.5	1284.0	1294.6	1303.5	1317.1	1326.6	1330.2	1333.1	1332.5
7.5°	1286.4	1294.6	1306.5	1323.1	1338.5	1350.3	1366.9	1378.1	1389.4	1393.5	1394.1
10°	1322.5	1334.3	1351.5	1374.0	1390.5	1405.9	1423.1	1432.6	1443.8	1448.6	1450.9
12.5°	1367.5	1379.9	1402.4	1433.8	1449.2	1459.8	1465.7	1463.4	1465.7	1469.9	1471.1
15°	1419.0	1432.6	1458.0	1491.8	1502.4	1493.0	1479.9	1468.1	1466.3	1467.5	1471.6
17.5°	1479.9	1490.0	1519.6	1548.0	1540.3	1501.2	1472.8	1453.9	1444.4	1441.5	1445.6
20°	1565.2	1565.2	1589.5	1607.2	1555.7	1489.4	1445.0	1414.2	1394.7	1386.4	1384.6
22.5°	1668.8	1659.3	1674.7	1662.3	1552.8	1456.3	1394.7	1341.4	1311.8	1300.0	1298.2
25°	1800.2	1788.9	1784.8	1707.8	1531.4	1403.6	1303.5	1239.0	1213.0	1206.4	1207.6
27.5°	1998.5	1970.1	1916.2	1732.7	1492.4	1320.7	1197.0	1137.2	1122.4	1123.0	1124.8
30°	2262.5	2205.7	2073.7	1736.9	1428.4	1203.5	1088.1	1045.4	1038.3	1041.3	1051.3
32.5°	2507.0	2453.1	2234.7	1717.9	1330.2	1088.6	990.4	962.0	951.3	954.9	959.6
35°	2698.8	2684.0	2383.9	1691.3	1209.4	980.9	902.8	878.5	857.8	853.0	856.6
37.5°	2880.0	2874.0	2495.8	1654.0	1089.8	904.5	832.3	800.4	770.2	753.6	754.2
40°	3078.9	3072.9	2569.2	1596.6	983.9	838.2	769.0	726.9	689.7	659.5	662.4
42.5°	3302.6	3267.7	2604.1	1514.3	893.9	782.0	717.5	660.6	611.5	583.7	585.5
45°	3547.1	3468.4	2603.5	1409.5	818.1	730.5	662.4	581.9	536.3	510.3	509.1
47.5°	3806.4	3660.2	2571.5	1293.5	744.7	673.7	577.2	515.6	485.4	469.4	465.9
50°	4074.0	3839.5	2517.1	1160.3	669.5	609.1	523.9	481.9	458.8	444.0	438.7
52.5°	4325.6	4002.3	2451.4	1009.3	593.2	546.4	500.2	467.7	443.4	426.8	419.7
55°	4559.4	4142.6	2358.4	854.8	531.0	504.4	489.0	461.7	433.9	414.4	406.7
57.5°	4767.2	4233.8	2198.0	709.8	486.6	475.4	477.1	451.7	419.7	403.1	392.5
60°	4940.0	4300.7	1960.6	575.4	450.5	446.9	458.8	432.7	395.4	376.5	368.2
62.5°	5043.6	4299.5	1669.4	471.2	419.7	420.9	434.5	409.1	371.2	353.4	348.1
65°	5034.7	4194.1	1349.7	403.1	390.1	391.3	409.1	383.0	351.0	340.4	339.8
67.5°	*4856.6*	*3937.2*	*1035.4*	*358.7*	*357.6*	*362.9*	*383.6*	*365.2*	*338.6*	*337.4*	*339.2*
70°	4374.1	3403.9	745.9	323.2	323.8	331.5	358.7	354.0	332.1	334.5	333.9
72.5°	3507.5	2595.2	500.8	285.9	286.5	298.9	335.1	345.1	325.6	357.0	361.7
75°	2335.9	1618.5	322.0	246.3	246.9	262.8	314.3	328.0	307.8	355.8	358.7
77.5°	1122.4	727.5	233.2	207.2	207.2	222.0	271.7	293.6	262.2	276.5	253.4
80°	387.7	273.5	183.5	166.9	163.4	173.4	229.1	254.5	226.1	208.4	195.4
82.5°	152.7	142.1	147.4	129.6	117.8	124.3	178.2	210.2	166.3	150.4	149.8
85°	87.6	92.3	104.2	85.8	68.1	76.4	130.8	151.0	125.5	110.7	113.1
87.5°	23.7	32.6	47.9	44.4	30.8	32.6	62.2	83.5	72.2	55.6	57.4
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)