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: P1202263

Luminaire Tested: GWC-SB1D-735-U-T3

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202263
	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-SB1D-735-U-T3
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10237 lumens
Efficiency:	N/A
Efficacy:	128.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - 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

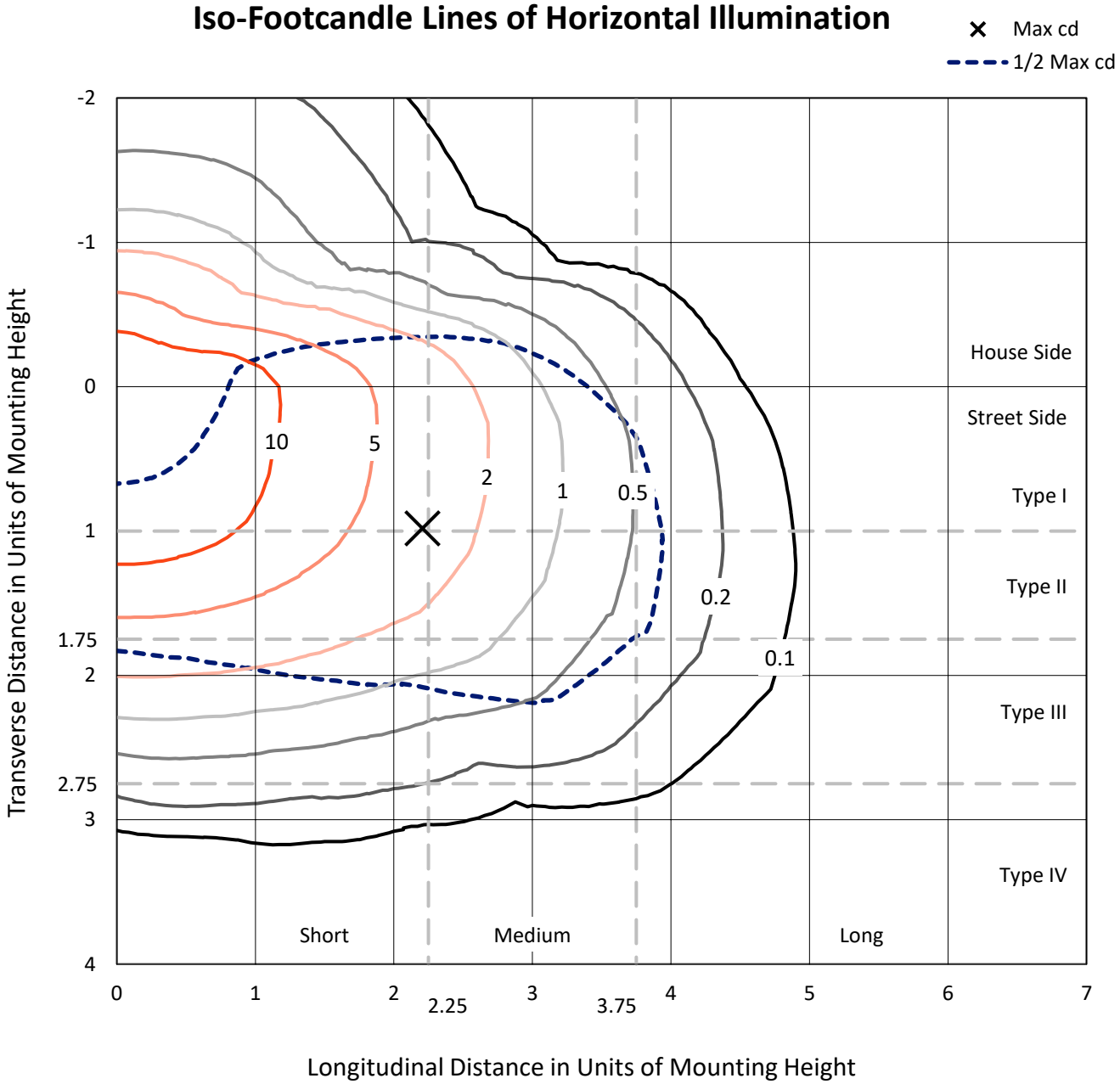


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Iso-Footcandle Lines of Horizontal Illumination



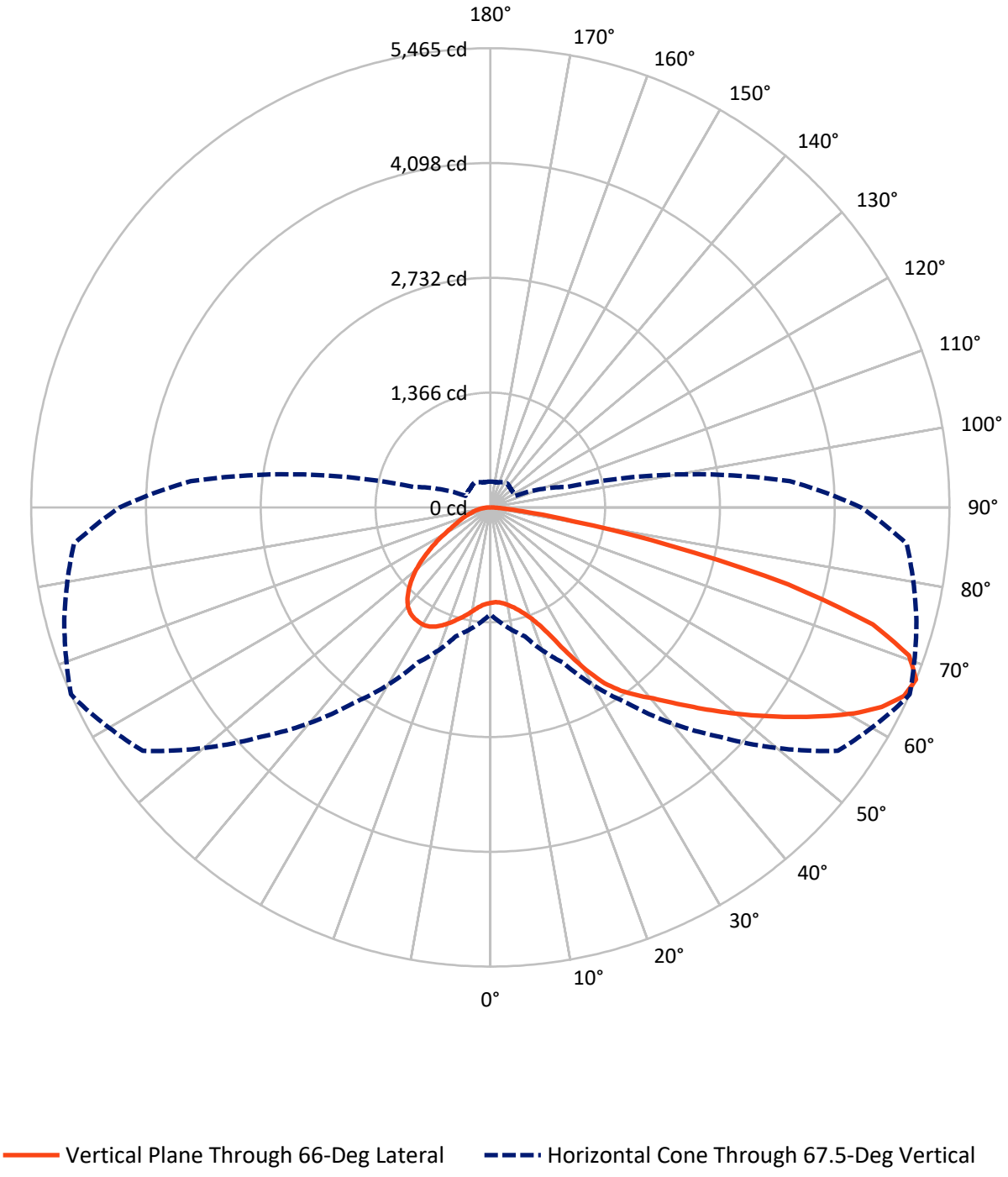
Based on 10 foot mounting height. Maximum calculated value = 16.1 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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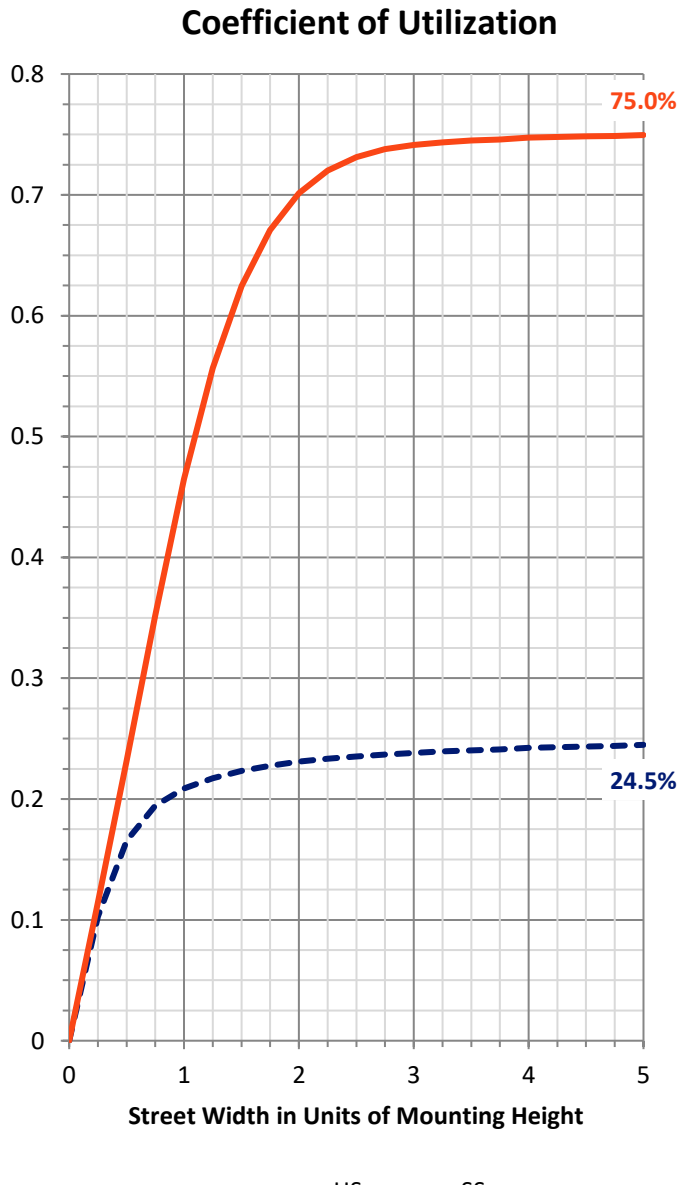
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2545.4	0.0	2545.4
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	7691.6	0.0	7691.6
	% Fixture	75.1	0.0	75.1
Total	Lumens	10237.0	0.0	10237.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.6	1.1
10°-20°	371.9	3.6
20°-30°	716.9	7.0
30°-40°	1256.9	12.3
40°-50°	1868.6	18.3
50°-60°	2368.7	23.1
60°-70°	2317.7	22.6
70°-80°	1105.6	10.8
80°-90°	118.2	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°	10237.0	100.0
0°-180°	10237.0	100.0



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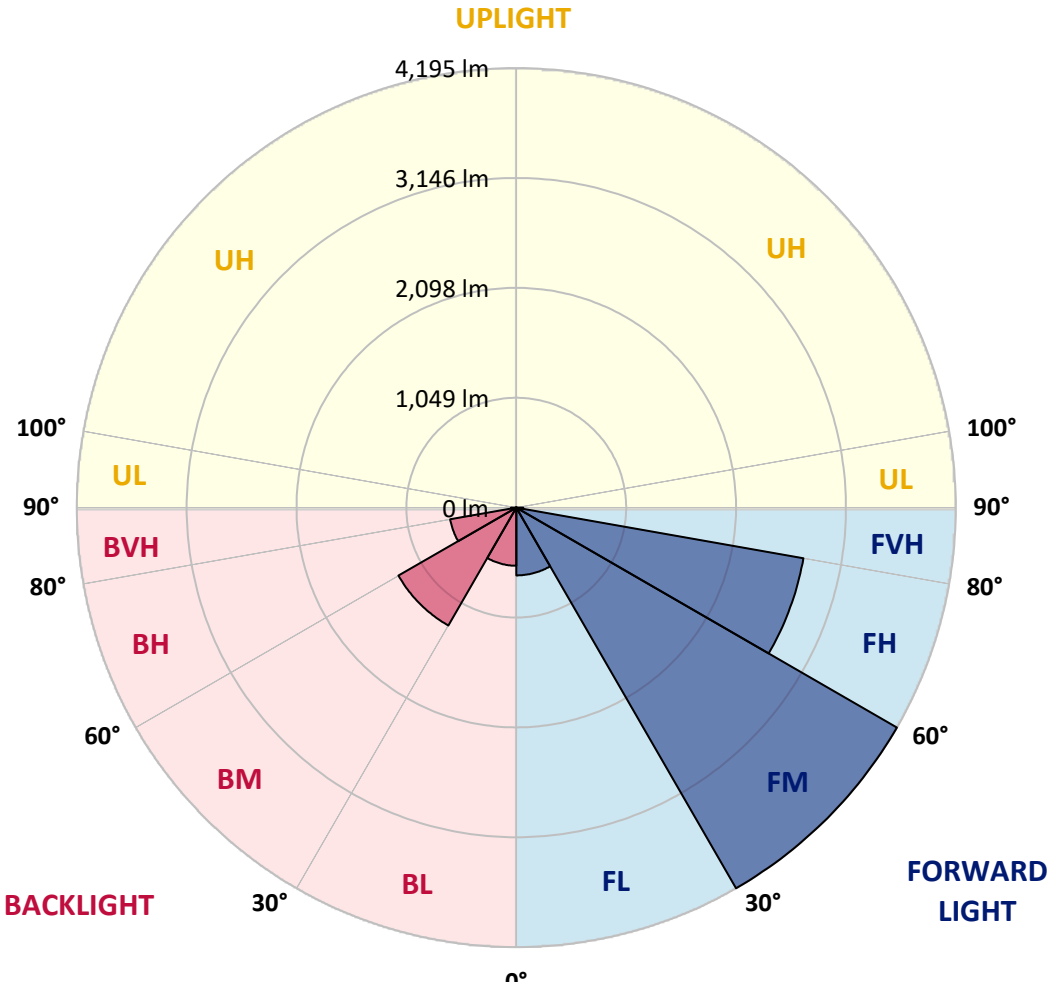
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	646.9	6.3			
FM	(30°-60°)	4195.0	41.0			
FH	(60°-80°)	2782.7	27.2			G2/5000
FVH	(80°-90°)	67.0	0.7			G1/100
BL	(0°-30°)	554.5	5.4	B2/1000		
BM	(30°-60°)	1299.2	12.7	B2/2500		
BH	(60°-80°)	640.6	6.3	B2/1000		G2/1000
BVH	(80°-90°)	51.2	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°	1135.4	1135.4	1135.4	1135.4	1135.4	1135.4	1135.4	1135.4	*1135.4*	1135.4	1135.4
2.5°	1123.6	1130.0	1128.4	1125.7	1125.2	1126.3	1127.9	1129.5	*1129.0*	1131.7	1136.0
5°	1120.4	1126.8	1126.3	1126.3	1128.4	1132.7	1135.4	1138.1	*1135.4*	1138.6	1144.6
7.5°	1122.5	1127.4	1129.5	1131.7	1137.0	1145.1	1151.6	1157.5	*1154.2*	1158.0	1165.5
10°	1149.9	1153.7	1155.9	1155.9	1159.6	1168.8	1175.2	1186.0	*1183.3*	1189.2	1198.9
12.5°	1200.0	1203.7	1203.7	1201.6	1204.3	1210.2	1212.3	1224.2	*1219.3*	1229.0	1238.7
15°	1261.3	1268.8	1262.9	1259.1	1260.2	1266.1	1265.6	1274.7	*1269.9*	1278.0	1286.6
17.5°	1329.0	1338.7	1329.0	1328.5	1326.4	1332.8	1333.4	1341.4	*1332.8*	1338.7	1344.6
20°	1409.2	1422.6	1414.6	1417.3	1412.4	1415.1	1417.8	1429.6	*1416.2*	1420.5	1418.9
22.5°	1522.1	1538.3	1529.7	1539.9	1536.7	1534.5	1534.0	1554.9	*1534.0*	1535.6	1520.0
25°	1686.7	1706.1	1691.0	1705.0	1705.0	1712.0	1720.1	1747.0	*1712.0*	1701.8	1661.4
27.5°	1929.8	1949.2	1919.6	1928.2	1925.5	1942.7	1934.1	2000.8	*1963.2*	1946.5	1865.3
30°	2222.4	2256.9	2200.9	2198.8	2196.1	2223.5	2235.9	2280.0	*2241.8*	2225.1	2127.2
32.5°	2538.7	2574.7	2508.0	2488.7	2478.5	2495.1	2484.9	2520.4	*2494.0*	2468.2	2347.2
35°	2873.2	2908.7	2845.3	2807.6	2766.7	2731.8	2695.2	2704.4	*2679.6*	2640.3	2515.0
37.5°	3189.5	3254.6	3187.3	3147.0	3071.7	3003.4	2901.2	2858.7	*2835.6*	2799.6	2673.2
40°	3511.7	3548.8	3497.7	3463.3	3381.5	3274.5	3111.0	3021.1	*2990.0*	2955.0	2848.0
42.5°	3748.9	3784.4	3756.9	3733.3	3669.3	3545.0	3333.6	3221.2	*3176.1*	3136.8	3045.9
45°	3937.1	3963.5	3946.3	3954.9	3927.4	3807.0	3564.4	3435.8	*3389.0*	3341.2	3269.6
47.5°	4013.0	4040.9	4068.4	4119.5	4166.2	4077.5	3812.3	3668.2	*3618.7*	3569.8	3499.3
50°	4004.4	4032.9	4112.5	4221.1	4366.3	4336.8	4073.7	3915.6	*3869.9*	3814.0	3748.9
52.5°	3935.5	3967.8	4070.0	4250.7	4482.0	4530.9	4340.0	4171.1	*4128.1*	4061.4	3996.3
55°	3754.8	3774.2	3927.4	4183.5	4509.4	4666.5	4600.8	4443.2	*4400.2*	4307.2	4236.2
57.5°	3419.7	3447.7	3670.9	4002.2	4440.6	4758.4	4830.0	4729.4	*4688.0*	4554.0	4479.8
60°	2982.4	3027.1	3282.5	3697.8	4265.2	4757.9	5038.1	5010.7	*4976.3*	4797.2	4719.7
62.5°	2487.6	2539.2	2785.0	3267.5	3958.6	4622.9	5168.3	5246.3	*5228.5*	5021.4	4922.5
65°	1910.5	1946.0	2190.7	2710.8	3481.6	4333.0	5183.3	5407.1	*5410.3*	5191.9	5028.4
67.5°	*1272.0*	*1374.2*	*1586.7*	*2034.2*	*2842.6*	*3859.1*	*5051.0*	*5433.4*	*5464.6*	*5250.6*	*4975.2*
70°	620.7	755.2	963.3	1322.1	2034.2	3132.5	4705.2	5217.2	*5286.6*	5079.5	4657.9
72.5°	257.6	301.2	414.7	652.4	1167.7	2113.8	4010.3	4631.0	*4759.5*	4500.8	3916.1
75°	173.7	188.3	237.2	334.5	531.9	1042.4	2892.1	3453.0	*3660.1*	3399.3	2778.6
77.5°	133.9	143.1	172.7	234.0	316.3	394.3	1548.0	2081.0	*2188.0*	2025.6	1445.8
80°	105.4	112.4	129.1	170.5	224.3	210.8	527.6	942.9	*1004.7*	842.8	464.7
82.5°	91.4	94.1	92.5	115.6	149.0	123.2	173.2	348.0	*384.0*	278.6	151.7
85°	66.2	73.7	76.9	71.5	79.1	62.4	71.0	123.2	*135.5*	121.0	85.5
87.5°	26.9	39.8	48.9	46.3	29.0	17.7	22.1	36.0	*41.4*	45.2	28.0
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1135.4	1135.4	1135.4	1135.4	1135.4	1135.4	1135.4	1135.4	1135.4	1135.4	1135.4
2.5°	1136.5	1140.3	1142.9	1146.2	1148.3	1151.6	1158.0	1161.8	1162.3	1165.0	1164.5
5°	1146.7	1152.1	1158.0	1166.6	1176.3	1184.4	1196.7	1205.3	1208.6	1211.3	1210.7
7.5°	1168.8	1176.3	1187.1	1202.1	1216.1	1226.9	1241.9	1252.1	1262.4	1266.1	1266.7
10°	1201.6	1212.3	1227.9	1248.4	1263.4	1277.4	1293.0	1301.6	1311.8	1316.1	1318.3
12.5°	1242.5	1253.7	1274.2	1302.7	1316.7	1326.4	1331.7	1329.6	1331.7	1335.5	1336.6
15°	1289.2	1301.6	1324.7	1355.4	1365.1	1356.5	1344.6	1333.9	1332.3	1333.4	1337.1
17.5°	1344.6	1353.8	1380.7	1406.5	1399.5	1364.0	1338.2	1321.0	1312.4	1309.7	1313.4
20°	1422.1	1422.1	1444.1	1460.3	1413.5	1353.3	1312.9	1284.9	1267.2	1259.7	1258.1
22.5°	1516.2	1507.6	1521.6	1510.3	1410.8	1323.1	1267.2	1218.8	1191.9	1181.1	1179.5
25°	1635.6	1625.4	1621.6	1551.7	1391.4	1275.3	1184.4	1125.7	1102.1	1096.2	1097.2
27.5°	1815.8	1790.0	1741.0	1574.3	1355.9	1200.0	1087.5	1033.2	1019.8	1020.3	1021.9
30°	2055.7	2004.1	1884.1	1578.1	1297.9	1093.5	988.6	949.9	943.4	946.1	955.2
32.5°	2277.8	2228.9	2030.4	1560.9	1208.6	989.1	899.8	874.0	864.3	867.6	871.9
35°	2452.1	2438.6	2166.0	1536.7	1098.8	891.2	820.2	798.2	779.4	775.1	778.3
37.5°	2616.7	2611.3	2267.6	1502.8	990.2	821.8	756.2	727.2	699.8	684.7	685.2
40°	2797.4	2792.0	2334.3	1450.6	893.9	761.6	698.7	660.5	626.6	599.2	601.9
42.5°	3000.7	2969.0	2366.0	1375.8	812.2	710.5	651.9	600.2	555.6	530.3	531.9
45°	3222.8	3151.3	2365.5	1280.6	743.3	663.7	601.9	528.7	487.3	463.6	462.6
47.5°	3458.4	3325.6	2336.5	1175.2	676.6	612.1	524.4	468.5	441.0	426.5	423.3
50°	3701.5	3488.5	2287.0	1054.2	608.3	553.5	476.0	437.8	416.8	403.4	398.6
52.5°	3930.1	3636.5	2227.3	917.0	538.9	496.4	454.5	424.9	402.9	387.8	381.3
55°	4142.6	3763.9	2142.8	776.7	482.5	458.3	444.3	419.5	394.3	376.5	369.5
57.5°	4331.4	3846.8	1997.1	644.9	442.1	431.9	433.5	410.4	381.3	366.3	356.6
60°	4488.4	3907.5	1781.4	522.8	409.3	406.1	416.8	393.2	359.3	342.1	334.5
62.5°	4582.6	3906.5	1516.8	428.1	381.3	382.4	394.8	371.7	337.2	321.1	316.3
65°	4574.5	3810.7	1226.3	366.3	354.4	355.5	371.7	348.0	318.9	309.3	308.7
67.5°	*4412.6*	*3577.3*	*940.7*	*325.9*	*324.9*	*329.7*	*348.5*	*331.9*	*307.7*	*306.6*	*308.2*
70°	3974.2	3092.7	677.7	293.7	294.2	301.2	325.9	321.6	301.7	303.9	303.4
72.5°	3186.8	2358.0	455.0	259.8	260.3	271.6	304.4	313.6	295.8	324.3	328.6
75°	2122.4	1470.5	292.6	223.7	224.3	238.8	285.6	298.0	279.7	323.3	325.9
77.5°	1019.8	661.0	211.9	188.3	188.3	201.7	246.9	266.8	238.3	251.2	230.2
80°	352.3	248.5	166.7	151.7	148.4	157.6	208.2	231.3	205.5	189.3	177.5
82.5°	138.8	129.1	133.9	117.8	107.0	113.0	161.9	190.9	151.1	136.6	136.1
85°	79.6	83.9	94.7	78.0	61.9	69.4	118.9	137.2	114.0	100.6	102.7
87.5°	21.5	29.6	43.6	40.3	28.0	29.6	56.5	75.8	65.6	50.6	52.2
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)