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: P1202267

Luminaire Tested: GWC-SB1D-735-U-T4W

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202267
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-1)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1D-735-U-T4W
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10211 lumens
Efficiency:	N/A
Efficacy:	128.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - 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

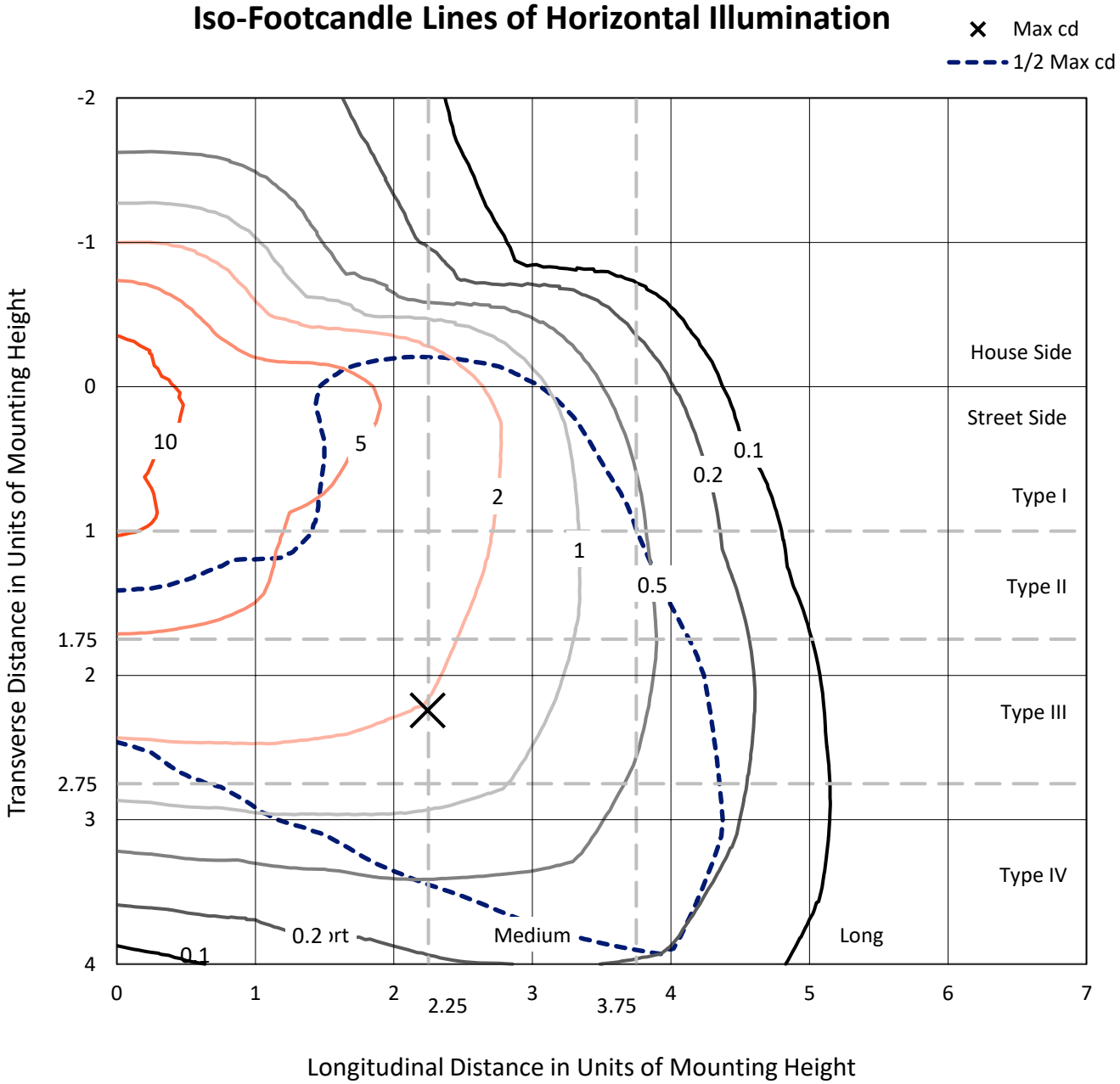


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Iso-Footcandle Lines of Horizontal Illumination



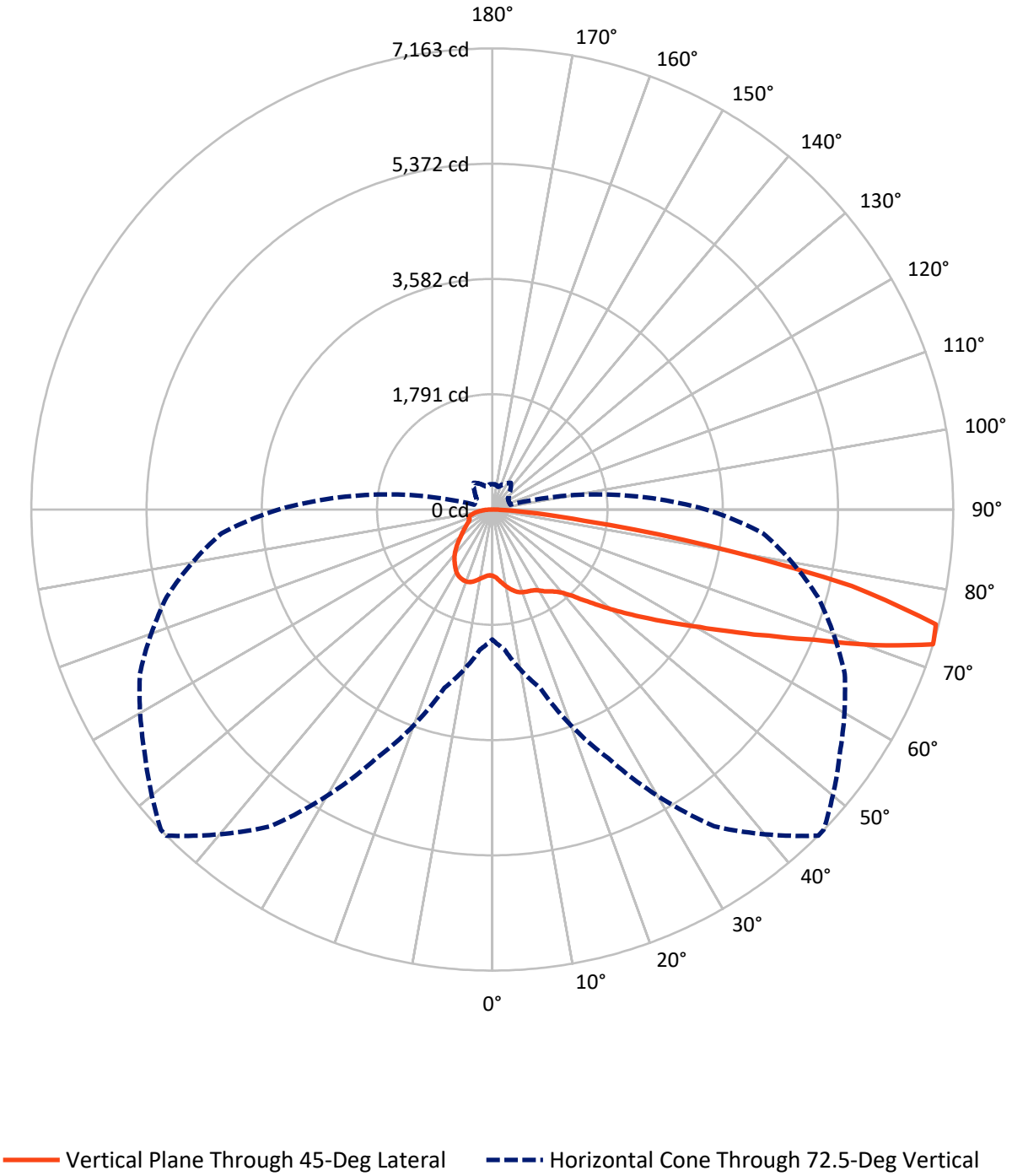
Based on 10 foot mounting height. Maximum calculated value = 12.8 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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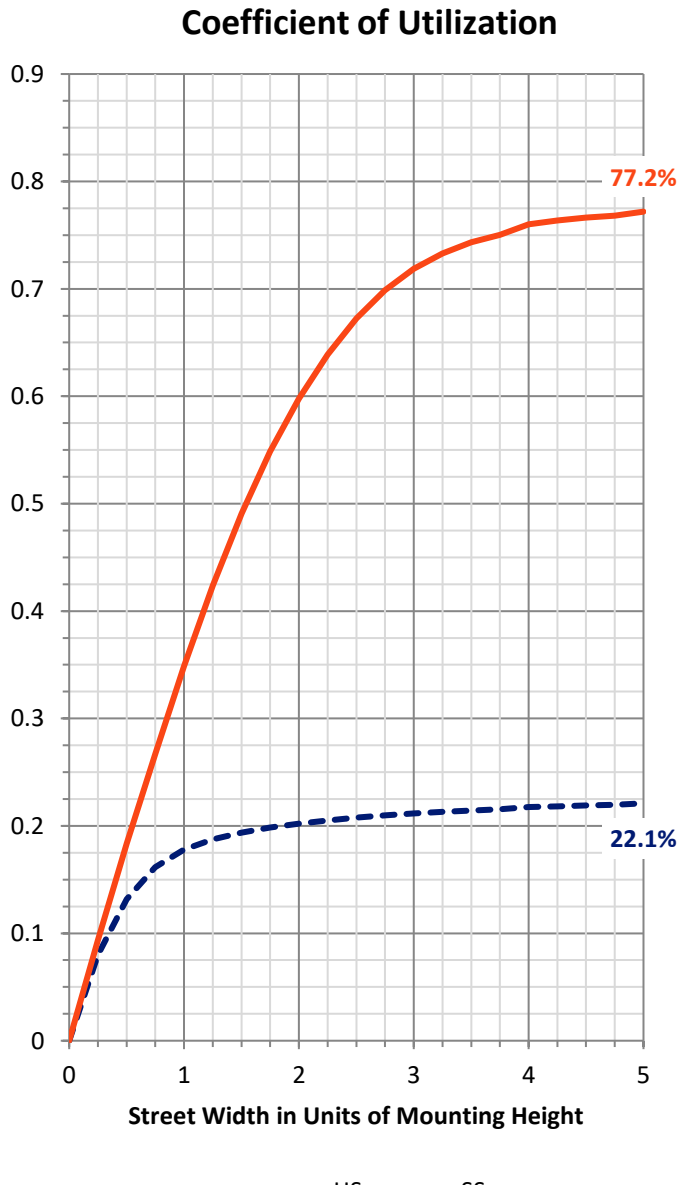
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2308.3	0.0	2308.3
	% Fixture	22.6	0.0	22.6
Street Side	Lumens	7902.6	0.0	7902.6
	% Fixture	77.4	0.0	77.4
Total	Lumens	10211.0	0.0	10211.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.8	1.0
10°-20°	349.6	3.4
20°-30°	608.1	6.0
30°-40°	871.7	8.5
40°-50°	1227.4	12.0
50°-60°	1880.1	18.4
60°-70°	2723.5	26.7
70°-80°	2174.9	21.3
80°-90°	270.9	2.7
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°	10211.0	100.0
0°-180°	10211.0	100.0



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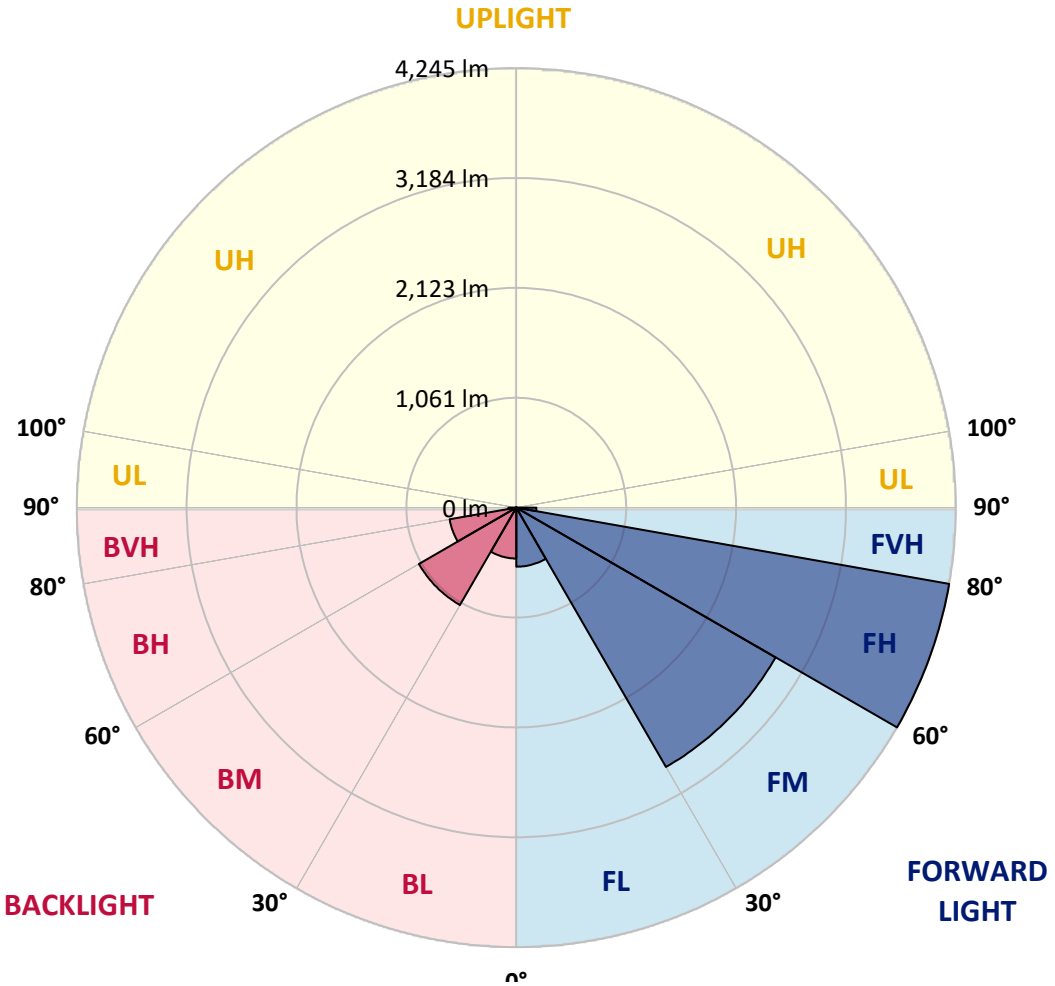
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	571.0	5.6			
FM	(30°-60°)	2892.3	28.3			
FH	(60°-80°)	4245.0	41.6			G2/5000
FVH	(80°-90°)	194.3	1.9			G2/225
BL	(0°-30°)	491.5	4.8	B1/500		
BM	(30°-60°)	1086.9	10.6	B2/2500		
BH	(60°-80°)	653.4	6.4	B2/1000		G2/1000
BVH	(80°-90°)	76.5	0.7			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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	1030.1	1030.1	1030.1	1030.1	1030.1	*1030.1*	1030.1	1030.1	1030.1	1030.1	1030.1
2.5°	1070.4	1077.4	1071.0	1065.1	1062.4	*1055.4*	1054.8	1050.5	1047.8	1040.3	1038.2
5°	1145.2	1154.3	1143.6	1131.8	1121.0	*1103.8*	1101.6	1089.3	1075.3	1059.1	1050.0
7.5°	1229.7	1237.7	1225.4	1207.6	1188.8	*1160.3*	1159.7	1137.1	1115.1	1087.6	1072.0
10°	1303.3	1314.1	1297.4	1273.2	1249.6	*1217.3*	1213.5	1187.7	1159.7	1124.2	1100.6
12.5°	1368.4	1376.0	1359.8	1330.2	1302.8	*1270.5*	1265.7	1237.2	1206.0	1165.6	1135.5
15°	1420.1	1429.8	1408.2	1376.5	1347.5	*1315.7*	1311.4	1285.6	1254.4	1211.9	1173.2
17.5°	1454.0	1462.0	1440.0	1404.5	1376.5	*1350.1*	1346.9	1325.4	1298.0	1254.9	1213.5
20°	1466.9	1475.5	1452.3	1416.3	1390.5	*1370.0*	1368.4	1352.8	1334.0	1294.7	1252.8
22.5°	1479.8	1487.8	1457.7	1420.1	1397.5	*1384.6*	1384.0	1373.8	1366.3	1334.0	1293.1
25°	1532.0	1534.1	1493.8	1439.4	1407.2	*1395.9*	1395.3	1394.8	1398.0	1372.7	1336.7
27.5°	1577.1	1576.6	1542.2	1491.1	1441.1	*1417.4*	1416.8	1422.2	1432.4	1411.5	1381.9
30°	1643.3	1637.4	1596.5	1543.3	1497.5	*1461.0*	1457.7	1452.9	1461.0	1444.3	1427.1
32.5°	1783.7	1764.9	1698.7	1604.0	1544.3	*1516.4*	1512.1	1481.9	1485.2	1474.9	1466.3
35°	1984.9	1960.1	1871.9	1719.1	1602.4	*1562.6*	1560.5	1522.3	1515.8	1506.7	1509.9
37.5°	2224.2	2193.6	2090.8	1885.9	1702.5	*1616.4*	1613.2	1578.8	1552.4	1542.7	1561.0
40°	2464.7	2426.0	2341.0	2089.2	1849.9	*1706.2*	1696.0	1643.8	1613.7	1597.6	1636.3
42.5°	2698.1	2665.9	2593.2	2317.3	2031.7	*1837.5*	1814.9	1725.6	1703.0	1688.0	1757.9
45°	2904.7	2875.6	2822.4	2561.0	2244.7	*2016.1*	1994.0	1848.2	1841.3	1841.3	1942.4
47.5°	3072.5	3066.1	3009.6	2809.5	2495.9	*2219.4*	2181.2	2018.8	2037.6	2066.6	2204.3
50°	3258.6	3240.9	3180.6	3054.2	2791.2	*2452.3*	2421.1	2228.0	2298.5	2378.1	2583.0
52.5°	3429.7	3439.4	3372.1	3309.2	3124.7	*2712.1*	2657.3	2474.9	2627.1	2758.9	3026.8
55°	3605.6	3606.1	3587.3	3578.7	3474.3	*2999.4*	2939.1	2771.8	3013.9	3177.4	3544.3
57.5°	3770.7	3771.8	3799.8	3875.6	3879.9	*3330.7*	3262.4	3136.5	3443.7	3610.4	4077.9
60°	3918.1	3925.6	4002.0	4179.5	4236.6	*3710.5*	3645.9	3567.4	3888.0	4055.8	4638.9
62.5°	3967.6	3995.0	4165.0	4417.3	4588.9	*4176.3*	4112.8	4066.0	4354.9	4510.9	5108.0
65°	3883.7	3946.6	4275.3	4613.6	4951.4	*4729.8*	4666.9	4615.8	4840.1	4986.9	5493.1
67.5°	3677.7	3758.9	4268.8	4819.6	5391.4	*5395.7*	5337.1	5217.2	5360.2	5416.7	5618.4
70°	3134.9	3256.5	3892.8	4896.6	5896.5	*6306.4*	6249.9	5941.2	5879.3	5606.1	5265.6
72.5°	*2019.8*	*2183.4*	*2866.5*	*4263.4*	*6009.0*	*7163.3*	*7160.1*	*6594.7*	*6043.4*	*5238.1*	*4223.1*
75°	736.9	837.0	1331.9	2676.1	5044.0	*7119.7*	7140.7	6482.9	5516.8	4046.1	2630.9
77.5°	268.4	293.7	434.6	1028.5	3102.1	*5712.6*	5756.1	5182.7	3926.7	2030.6	1042.5
80°	140.9	154.9	222.7	399.1	1329.2	*3392.6*	3460.9	3080.1	1845.6	611.6	312.5
82.5°	78.0	84.5	124.8	216.8	598.7	*1450.7*	1491.6	1216.7	649.3	259.3	129.1
85°	42.0	44.6	58.6	118.3	292.6	*502.9*	514.2	363.6	258.7	152.2	62.4
87.5°	12.4	15.1	19.4	37.7	114.6	*113.0*	115.6	72.1	102.2	76.9	20.4
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°	1030.1	1030.1	1030.1	1030.1	1030.1	1030.1	1030.1	1030.1	1030.1	1030.1	1030.1
2.5°	1034.9	1033.3	1027.4	1024.7	1021.5	1020.9	1023.6	1024.2	1024.7	1025.2	1027.4
5°	1044.6	1039.2	1033.9	1030.6	1031.7	1032.2	1037.6	1041.4	1044.1	1046.2	1047.3
7.5°	1063.4	1059.1	1050.0	1049.5	1051.1	1055.9	1062.9	1071.5	1076.4	1080.1	1081.2
10°	1091.4	1083.3	1072.6	1074.2	1077.4	1084.4	1098.9	1105.9	1114.0	1121.0	1119.4
12.5°	1119.9	1112.9	1100.6	1101.6	1107.0	1119.4	1133.4	1142.0	1147.4	1152.7	1154.9
15°	1157.0	1144.7	1131.2	1131.2	1140.9	1154.3	1160.8	1167.8	1171.0	1176.9	1179.1
17.5°	1195.2	1179.1	1161.3	1160.3	1172.1	1178.6	1182.3	1183.4	1184.5	1190.9	1193.1
20°	1233.4	1215.7	1190.4	1188.2	1190.9	1189.8	1189.3	1188.2	1189.8	1197.9	1201.1
22.5°	1271.1	1250.6	1215.7	1206.0	1198.5	1188.2	1187.7	1187.2	1188.2	1196.3	1201.7
25°	1315.2	1290.4	1243.6	1214.6	1189.3	1175.3	1176.9	1177.5	1178.6	1185.0	1193.6
27.5°	1363.1	1335.6	1269.5	1211.9	1166.2	1156.5	1153.8	1155.4	1159.2	1169.4	1179.6
30°	1410.9	1378.7	1293.1	1201.1	1137.1	1123.7	1115.1	1118.8	1130.7	1140.9	1152.2
32.5°	1454.5	1422.2	1312.0	1177.5	1100.0	1079.0	1067.7	1072.6	1084.4	1088.2	1101.6
35°	1505.6	1469.0	1320.0	1139.8	1059.7	1027.4	1012.3	1005.3	1011.3	1007.5	1019.3
37.5°	1562.6	1524.4	1318.9	1090.3	1012.3	975.2	954.2	927.9	915.5	902.6	910.7
40°	1647.1	1592.2	1306.0	1030.6	953.7	919.8	882.2	837.5	809.5	784.3	785.9
42.5°	1762.2	1686.3	1282.4	965.0	887.5	855.8	804.7	752.5	708.4	666.5	662.7
45°	1933.8	1809.5	1252.8	895.1	816.0	784.8	729.4	670.8	620.7	567.0	560.5
47.5°	2181.2	1975.2	1224.8	815.5	740.7	712.2	662.2	607.8	548.7	496.5	490.6
50°	2521.2	2212.9	1199.0	738.0	666.5	645.0	605.1	549.7	490.0	448.1	445.4
52.5°	2953.6	2536.2	1188.2	663.2	597.1	589.0	557.3	505.6	449.2	413.7	411.0
55°	3450.1	2923.0	1188.2	591.7	536.3	539.0	516.9	469.1	420.1	388.4	385.1
57.5°	3956.8	3314.6	1166.7	525.5	484.7	495.9	482.0	440.0	395.9	363.1	357.7
60°	4423.7	3642.7	1079.6	465.3	438.9	456.7	447.5	411.5	357.7	330.3	326.0
62.5°	4782.5	3827.7	911.8	417.4	401.3	421.7	416.9	373.8	350.7	339.4	335.7
65°	4962.2	3797.6	697.1	374.9	369.5	401.3	391.1	389.4	371.2	358.2	353.9
67.5°	4851.9	3538.3	505.6	343.7	351.3	382.5	421.7	428.2	394.3	369.0	364.7
70°	4368.3	3069.3	376.5	314.1	328.1	383.0	480.9	448.1	386.8	357.2	352.3
72.5°	*3323.2*	*2288.8*	*292.1*	*282.9*	*298.0*	*385.7*	*507.2*	*438.9*	*365.2*	*394.8*	*391.6*
75°	1900.4	1256.5	234.5	244.7	260.3	360.4	493.8	415.3	348.6	362.5	362.5
77.5°	724.6	483.0	193.6	207.1	209.2	314.7	472.3	413.7	331.9	323.8	295.3
80°	251.2	188.8	160.3	164.6	161.9	279.7	452.9	359.9	271.6	243.1	235.1
82.5°	102.7	94.1	126.9	121.6	115.1	217.3	365.8	294.2	222.2	196.3	194.2
85°	44.6	59.7	83.9	73.7	66.7	150.6	293.2	249.1	187.7	161.9	161.4
87.5°	9.1	22.6	35.5	33.4	34.4	100.6	208.2	177.0	132.9	99.5	78.0
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)