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: P1199837

Luminaire Tested: GPC-SB2B-827-U-SL4

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1199837
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2B-827-U-SL4
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9705 lumens
Efficiency:	N/A
Efficacy:	131.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B2 - U0 - G3

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

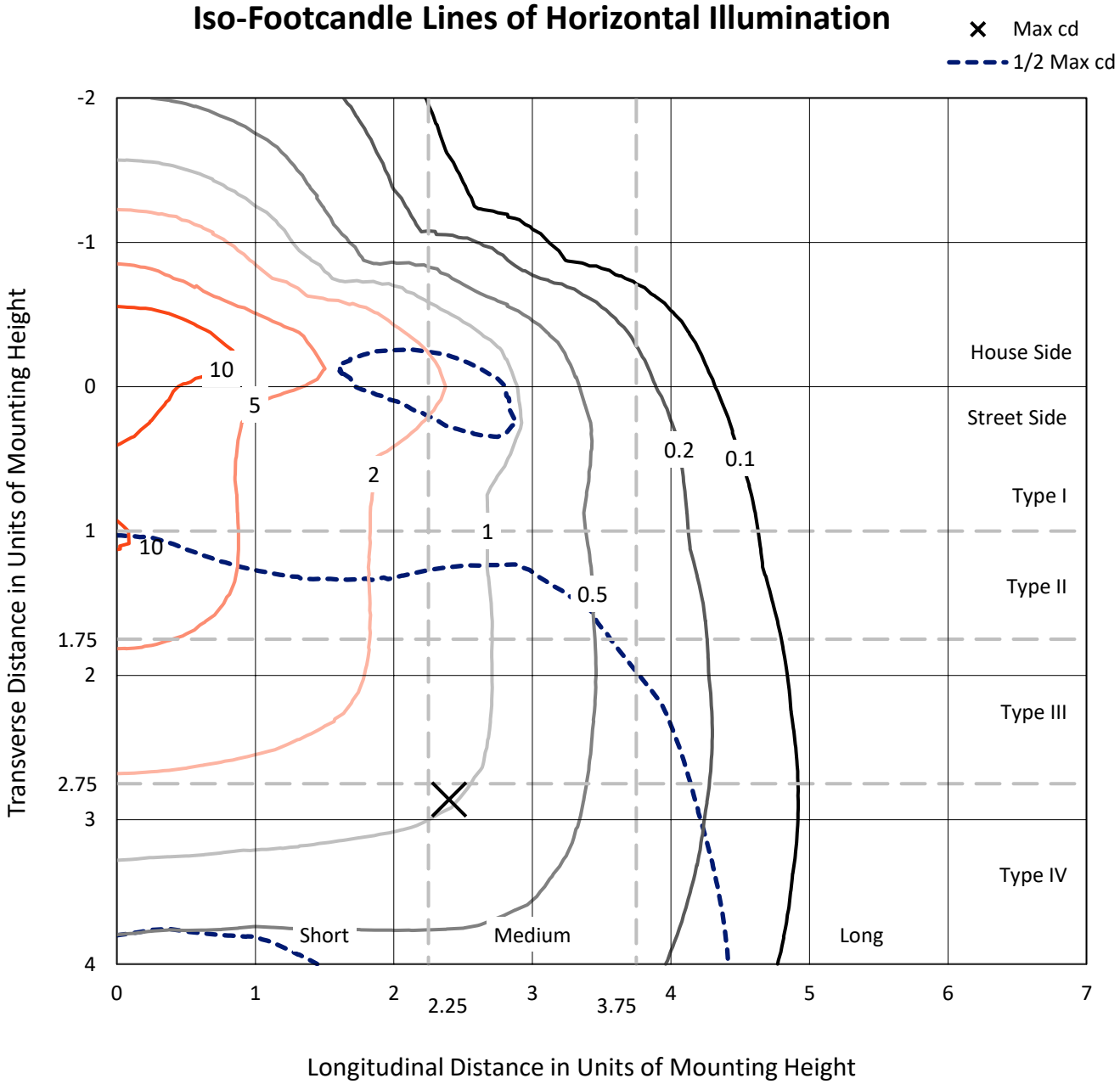


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CATALOG NUMBER: GPC-SB2B-827-U-SL4

Iso-Footcandle Lines of Horizontal Illumination



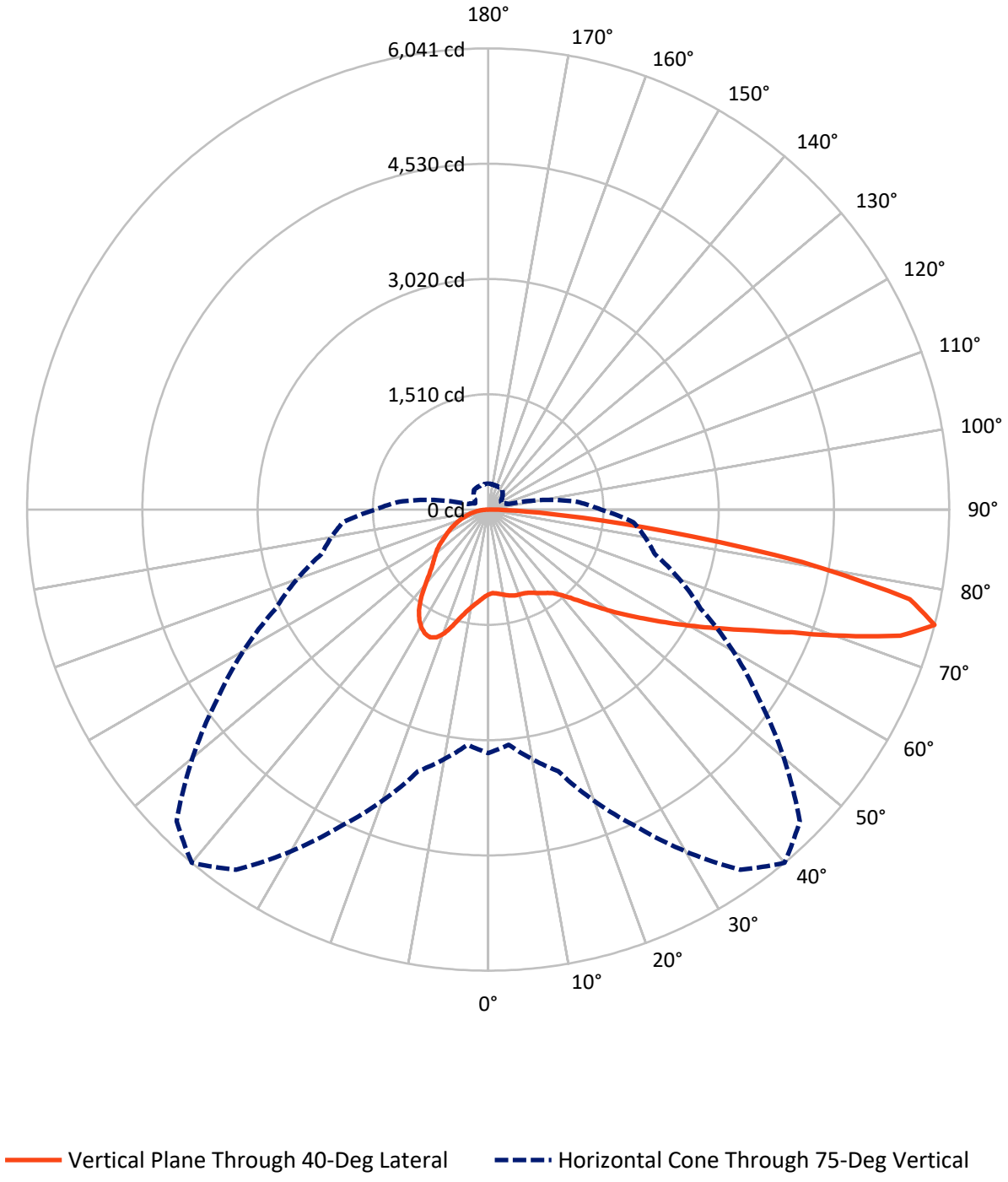
Based on 10 foot mounting height. Maximum calculated value = 14.3 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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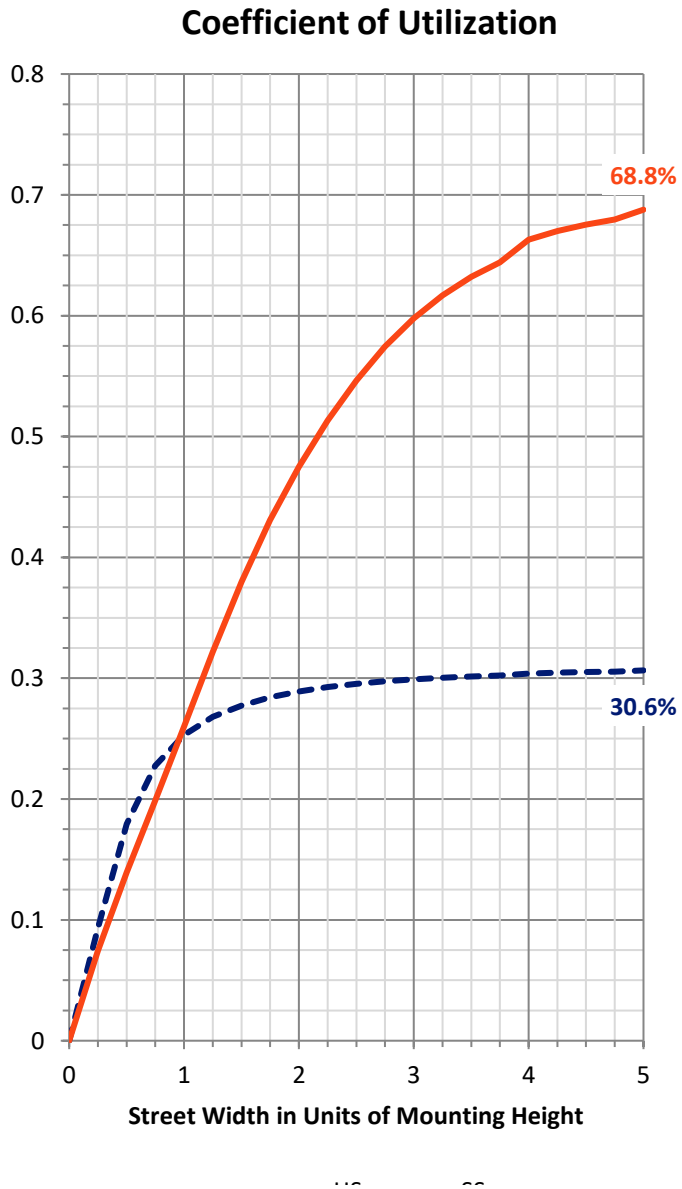
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3006.9	0.0	3006.9
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	6698.1	0.0	6698.1
	% Fixture	69.0	0.0	69.0
Total	Lumens	9705.0	0.0	9705.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.8	1.1
10°-20°	371.9	3.8
20°-30°	679.1	7.0
30°-40°	963.2	9.9
40°-50°	1300.6	13.4
50°-60°	1749.6	18.0
60°-70°	2220.7	22.9
70°-80°	2015.4	20.8
80°-90°	293.8	3.0
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°	9705.0	100.0
0°-180°	9705.0	100.0



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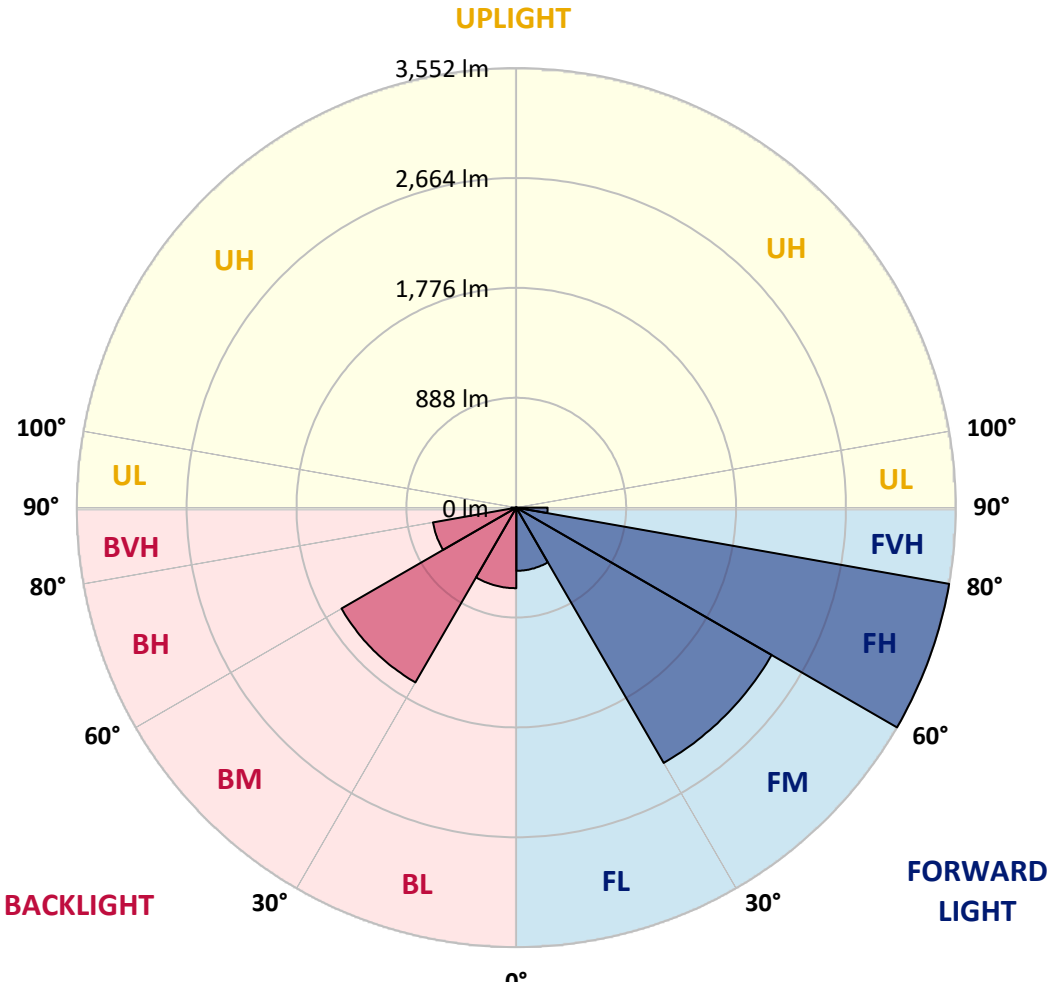
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	510.5	5.3			
FM	(30°-60°)	2382.4	24.5			
FH	(60°-80°)	3551.9	36.6			G2/5000
FVH	(80°-90°)	253.3	2.6			G3/500
BL	(0°-30°)	651.3	6.7	B2/1000		
BM	(30°-60°)	1631.0	16.8	B2/2500		
BH	(60°-80°)	684.2	7.0	B2/1000		G2/1000
BVH	(80°-90°)	40.4	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	1109.8	1109.8	1109.8	1109.8	1109.8	*1109.8*	1109.8	1109.8	1109.8	1109.8	1109.8
2.5°	1092.8	1099.0	1097.4	1095.4	1095.4	*1095.9*	1095.4	1099.0	1102.6	1106.2	1111.8
5°	1104.1	1110.3	1107.2	1104.6	1102.6	*1102.1*	1100.5	1100.0	1102.1	1106.7	1114.4
7.5°	1126.3	1132.4	1127.8	1123.2	1119.0	*1117.0*	1114.9	1111.8	1110.3	1112.9	1123.7
10°	1151.0	1157.1	1151.5	1143.2	1136.5	*1134.0*	1131.9	1128.8	1126.8	1128.3	1140.1
12.5°	1175.7	1181.8	1174.1	1162.8	1154.0	*1152.5*	1149.9	1148.9	1148.4	1147.9	1159.7
15°	1198.8	1204.0	1194.2	1180.8	1171.5	*1169.0*	1166.4	1167.9	1170.5	1173.6	1187.0
17.5°	1216.8	1222.0	1207.6	1190.1	1181.3	*1180.3*	1178.8	1183.9	1191.1	1198.8	1215.3
20°	1233.3	1238.5	1219.9	1196.3	1186.0	*1186.0*	1186.5	1197.3	1207.6	1218.9	1241.6
22.5°	1256.5	1260.6	1237.9	1205.5	1190.6	*1191.6*	1195.7	1206.6	1219.4	1234.9	1266.3
25°	1291.0	1294.1	1266.3	1223.0	1206.0	*1209.1*	1212.7	1217.9	1230.2	1248.2	1290.5
27.5°	1346.6	1349.1	1312.6	1253.9	1228.2	*1233.3*	1238.5	1234.9	1240.5	1256.0	1310.0
30°	1424.8	1426.3	1380.0	1302.3	1265.7	*1268.3*	1269.3	1254.4	1243.6	1256.0	1323.9
32.5°	1517.5	1516.9	1461.9	1361.0	1308.5	*1305.9*	1297.1	1267.8	1242.6	1253.4	1336.3
35°	1661.1	1655.4	1584.4	1443.3	1356.9	*1340.9*	1320.3	1282.7	1247.7	1250.8	1347.1
37.5°	1898.9	1881.4	1783.1	1578.2	1428.9	*1388.3*	1357.9	1306.9	1259.1	1249.8	1359.9
40°	2167.1	2144.9	2036.8	1763.0	1537.0	*1471.6*	1422.7	1341.4	1277.6	1254.4	1379.0
42.5°	2485.2	2453.8	2337.4	1980.7	1673.9	*1579.2*	1505.6	1385.2	1304.9	1269.3	1404.7
45°	2875.9	2834.2	2669.4	2226.3	1846.4	*1720.3*	1621.9	1451.6	1346.6	1298.2	1443.3
47.5°	3270.7	3281.0	3046.7	2507.3	2053.3	*1894.2*	1767.6	1551.4	1407.3	1344.5	1505.6
50°	3690.2	3697.4	3422.0	2818.7	2288.0	*2090.9*	1931.3	1663.1	1491.7	1410.4	1598.8
52.5°	4017.5	4018.6	3762.8	3144.5	2532.5	*2307.1*	2107.9	1790.8	1589.5	1497.9	1722.8
55°	4222.4	4219.8	4001.6	3452.9	2813.6	*2534.1*	2303.5	1935.9	1708.9	1600.8	1878.8
57.5°	4371.2	4363.5	4166.3	3718.0	3113.1	*2802.2*	2524.8	2100.7	1850.0	1723.3	2084.2
60°	4427.8	4423.2	4278.0	3947.0	3428.2	*3098.7*	2780.1	2284.9	2010.1	1868.0	2348.2
62.5°	4449.4	4458.2	4387.6	4168.9	3765.3	*3427.1*	3060.6	2505.2	2190.2	2031.7	2626.7
65°	4525.6	4541.6	4527.1	4459.2	4146.2	*3811.7*	3432.8	2767.2	2386.8	2207.2	2917.5
67.5°	4676.4	4692.4	4698.5	4806.6	4611.6	*4290.9*	3897.1	3093.6	2616.9	2389.4	3136.3
70°	4672.8	4668.2	4777.3	5083.1	5194.2	*4954.4*	4523.0	3495.1	2891.3	2540.8	3164.1
72.5°	4253.3	4216.2	4474.1	5080.0	5679.1	*5647.2*	5287.4	4012.9	3128.1	2559.3	2745.6
75°	*3190.9*	*3092.0*	*3547.6*	*4578.1*	*5759.9*	*6040.5*	*5773.3*	*4334.1*	*3072.0*	*2261.3*	*1910.7*
77.5°	1364.6	1265.2	1802.1	3389.0	5155.1	*5646.7*	5327.6	3781.3	2452.2	1495.3	938.4
80°	357.2	356.7	544.6	1536.5	3505.9	*4169.9*	3658.3	2441.9	1401.1	534.3	258.9
82.5°	147.7	144.1	200.2	597.6	1713.1	*2340.0*	1909.7	1089.2	506.0	144.6	86.0
85°	55.1	54.6	97.3	206.4	604.3	*965.1*	698.5	278.5	126.1	70.5	38.6
87.5°	15.4	14.9	21.1	71.5	147.2	*223.4*	119.4	45.8	35.5	27.8	11.3
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°	1109.8	1109.8	1109.8	1109.8	1109.8	1109.8	1109.8	1109.8	1109.8	1109.8	1109.8
2.5°	1113.4	1116.0	1120.6	1124.2	1128.8	1134.0	1141.2	1145.8	1150.4	1153.5	1151.5
5°	1118.0	1123.7	1135.5	1147.4	1161.3	1174.1	1189.0	1199.9	1208.6	1211.2	1212.2
7.5°	1128.3	1137.6	1157.7	1177.7	1199.9	1221.0	1242.6	1261.1	1276.0	1281.7	1282.2
10°	1146.3	1158.7	1187.0	1215.3	1244.6	1277.1	1304.9	1331.6	1352.7	1361.5	1362.0
12.5°	1169.0	1184.4	1221.5	1260.6	1301.3	1346.0	1382.1	1415.0	1441.3	1453.1	1453.1
15°	1198.3	1218.4	1265.7	1318.2	1378.0	1440.2	1486.1	1522.6	1551.9	1566.4	1565.3
17.5°	1230.2	1257.0	1316.7	1396.0	1481.4	1563.3	1616.8	1643.6	1673.9	1687.8	1687.3
20°	1261.1	1294.1	1379.5	1494.8	1608.6	1695.6	1738.8	1746.0	1748.1	1749.6	1753.7
22.5°	1293.0	1337.3	1458.3	1619.4	1741.4	1801.6	1807.8	1776.9	1733.6	1713.6	1719.2
25°	1328.0	1386.7	1561.2	1756.8	1855.6	1862.8	1815.5	1740.3	1658.5	1620.9	1626.6
27.5°	1362.0	1443.8	1684.7	1888.1	1938.0	1874.7	1772.8	1666.2	1567.4	1527.7	1532.4
30°	1396.0	1509.2	1821.2	2002.9	1975.6	1845.3	1705.3	1586.4	1487.1	1445.4	1450.0
32.5°	1430.5	1585.4	1978.1	2085.7	1968.9	1783.1	1621.4	1496.9	1409.4	1365.6	1371.3
35°	1469.6	1679.1	2126.9	2131.0	1924.1	1691.4	1510.8	1389.8	1313.6	1278.6	1286.3
37.5°	1520.5	1798.0	2258.2	2142.3	1845.9	1557.1	1373.3	1263.2	1200.4	1184.4	1195.7
40°	1583.9	1941.1	2358.5	2124.3	1730.0	1393.9	1223.0	1135.0	1099.5	1103.1	1115.4
42.5°	1666.2	2101.2	2429.1	2078.0	1568.9	1225.6	1091.2	1052.1	1069.1	1083.5	1096.9
45°	1773.3	2267.4	2472.8	1999.3	1386.7	1083.0	1013.5	1022.8	1035.7	1037.2	1047.5
47.5°	1910.2	2435.8	2501.6	1880.3	1200.9	982.6	964.1	966.2	963.6	952.8	961.0
50°	2081.1	2599.4	2527.4	1722.8	1042.9	919.8	895.1	887.9	852.4	817.4	822.0
52.5°	2275.7	2749.7	2538.2	1527.2	919.8	867.3	827.2	781.9	715.5	704.7	708.3
55°	2491.9	2888.7	2510.4	1286.9	816.4	799.9	739.2	684.6	677.4	668.1	669.7
57.5°	2750.3	3038.5	2453.8	1018.7	710.3	721.2	662.0	668.1	655.3	640.9	638.3
60°	3032.8	3193.4	2354.4	774.2	600.7	622.8	641.9	641.4	637.8	625.9	621.8
62.5°	3287.1	3295.4	2158.8	593.0	504.4	546.7	598.6	598.1	595.0	588.3	585.8
65°	3438.5	3279.9	1832.5	466.9	425.2	483.9	540.0	544.1	544.6	544.1	544.1
67.5°	3411.7	3099.3	1384.7	371.6	359.8	420.0	481.8	487.5	491.6	492.6	493.6
70°	3109.0	2702.4	902.9	296.5	301.6	363.9	426.7	432.4	436.0	440.1	442.2
72.5°	2423.4	1986.9	516.8	239.9	250.7	315.5	372.2	378.8	380.9	388.6	391.7
75°	*1476.8*	*1168.5*	*279.0*	*188.9*	*205.9*	*269.7*	*318.1*	*325.8*	*329.4*	*338.7*	*339.7*
77.5°	702.1	506.0	159.1	147.2	165.7	220.3	268.7	277.4	267.7	272.8	268.7
80°	237.3	187.9	100.4	112.2	126.6	171.9	215.2	223.9	203.3	202.3	200.2
82.5°	82.9	76.2	63.8	74.6	81.8	123.0	162.7	174.0	151.3	150.8	143.6
85°	32.4	30.9	35.5	40.7	48.9	75.7	107.1	112.7	93.2	75.2	74.1
87.5°	6.7	7.2	8.8	9.3	14.9	26.3	38.6	47.4	37.6	31.9	29.3
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)