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: P1197464

Luminaire Tested: GPC-SB1A-827-U-T2R

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:	P1197464
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-827-U-T2R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE II ROADWAY OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3994 lumens
Efficiency:	N/A
Efficacy:	129.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G1

Input Watts (W):	30.9
Input Voltage (V):	120.0
Input Current (Ain):	0.263
Voltage Rise (V):	NR
Power Factor:	0.995
Total Harmonic Distortion (THDi):	6.356
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

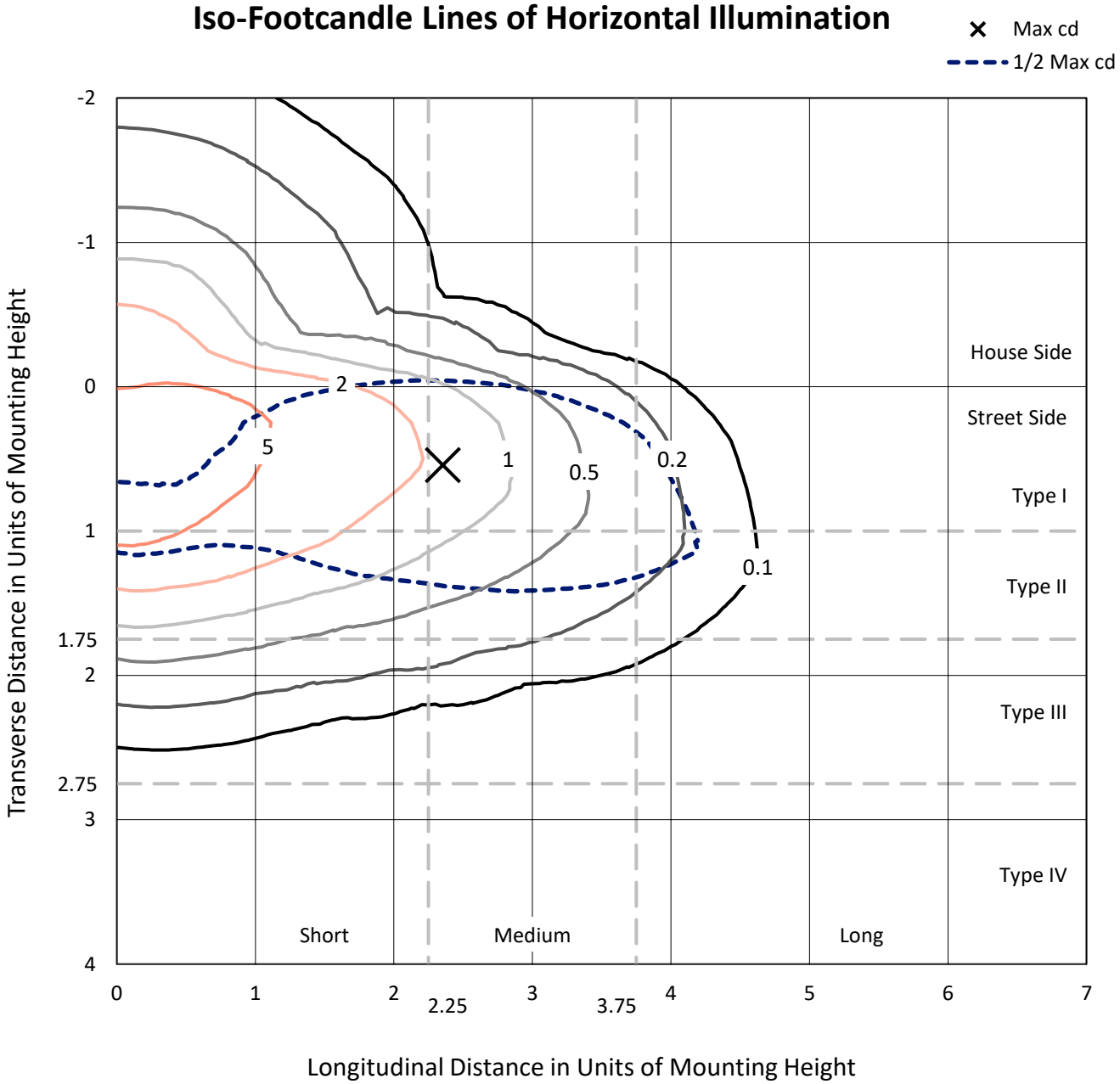


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Iso-Footcandle Lines of Horizontal Illumination



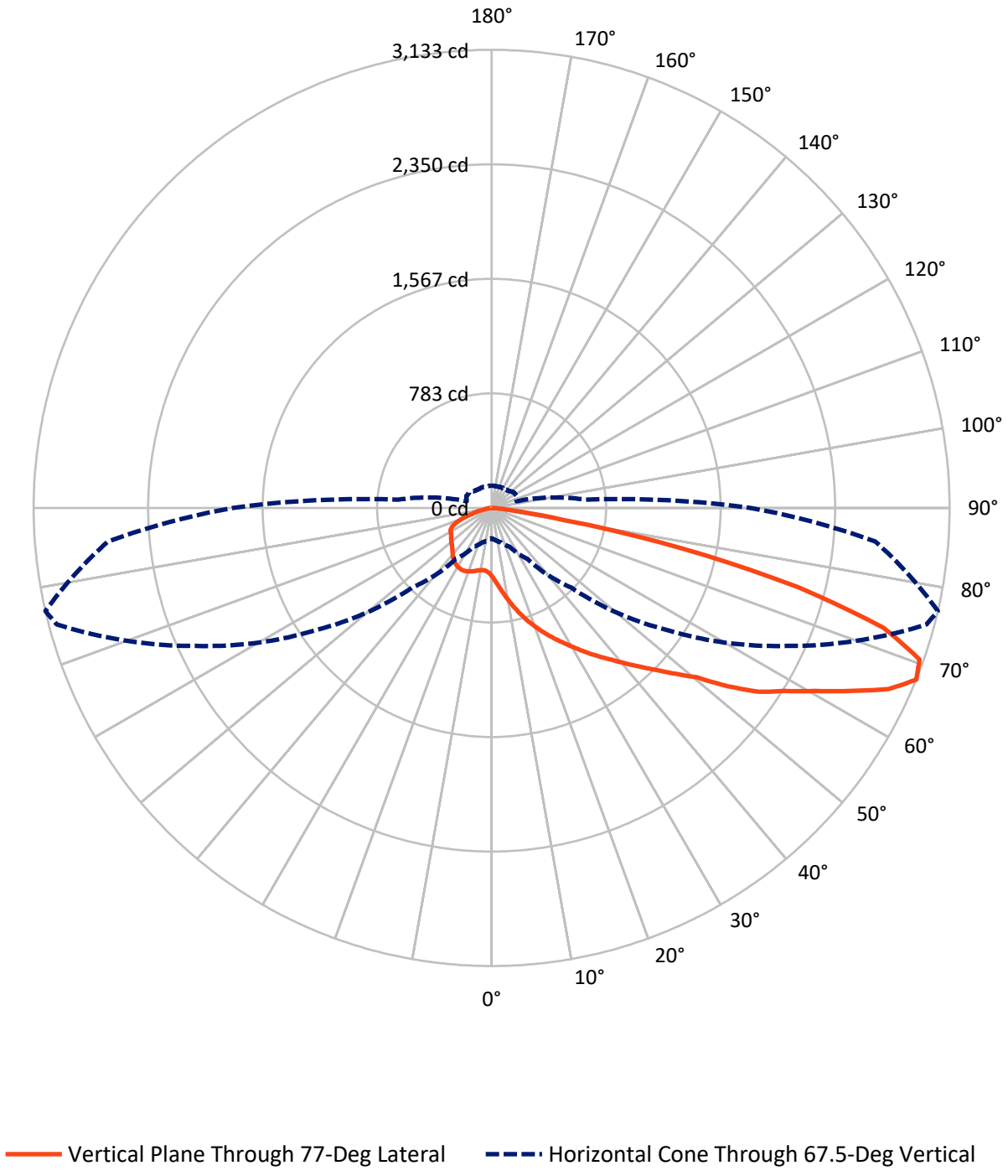
Based on 10 foot mounting height. Maximum calculated value = 9.1 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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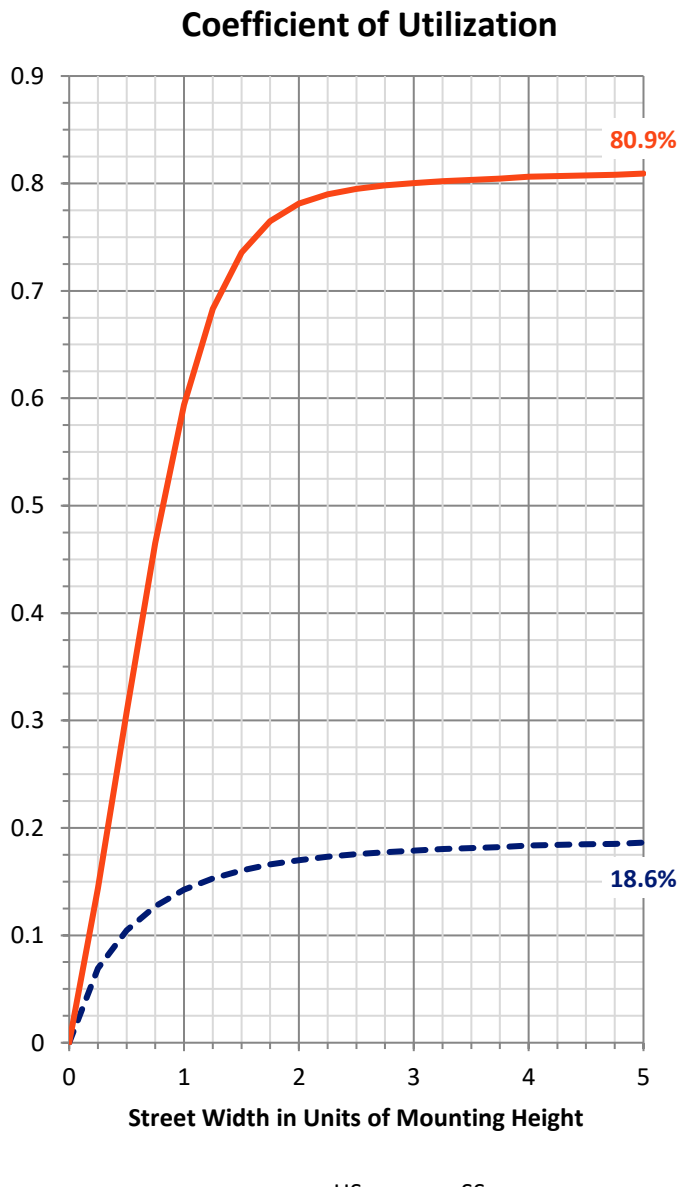
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	755.5	0.0	755.5
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	3238.5	0.0	3238.5
	% Fixture	81.1	0.0	81.1
Total	Lumens	3994.0	0.0	3994.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.2	1.3
10°-20°	180.5	4.5
20°-30°	340.7	8.5
30°-40°	548.9	13.7
40°-50°	750.8	18.8
50°-60°	846.9	21.2
60°-70°	790.5	19.8
70°-80°	433.3	10.8
80°-90°	52.3	1.3
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°	3994.0	100.0
0°-180°	3994.0	100.0



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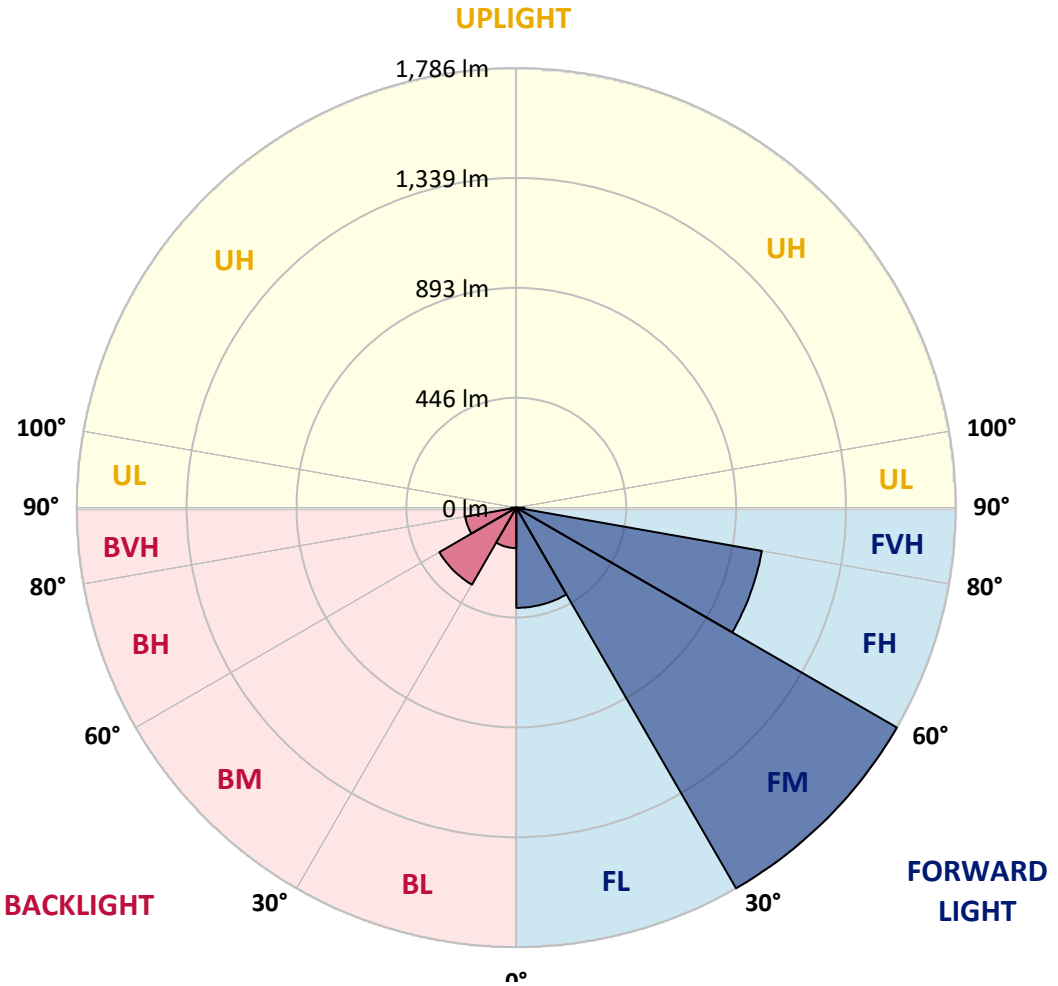
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	407.1	10.2			
FM	(30°-60°)	1785.7	44.7			
FH	(60°-80°)	1013.0	25.4			G1/1800
FVH	(80°-90°)	32.7	0.8			G1/100
BL	(0°-30°)	164.3	4.1	B1/500		
BM	(30°-60°)	360.9	9.0	B1/1000		
BH	(60°-80°)	210.8	5.3	B1/500		G1/500
BVH	(80°-90°)	19.6	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-G1
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	468.6	468.6	468.6	468.6	468.6	468.6	468.6	468.6	468.6	*468.6*	468.6
2.5°	586.8	590.9	585.7	585.7	568.4	559.3	542.0	528.8	505.1	*501.0*	485.3
5°	693.5	698.7	691.5	688.4	668.0	649.2	620.2	591.5	549.2	*544.9*	508.0
7.5°	776.2	782.8	776.4	773.1	755.0	734.0	699.9	659.9	600.4	*591.9*	538.5
10°	843.6	844.7	842.6	843.8	829.6	812.3	777.5	730.9	656.4	*644.9*	575.4
12.5°	881.8	886.5	890.6	898.1	895.6	884.9	853.5	797.9	715.8	*701.0*	615.6
15°	899.7	908.0	917.2	934.4	948.2	950.8	926.9	869.8	776.2	*758.3*	656.2
17.5°	906.1	913.9	928.6	953.3	983.0	1003.0	992.3	939.7	836.0	*815.4*	698.9
20°	938.5	940.7	949.6	973.1	1005.3	1038.5	1046.5	1006.9	895.2	*871.9*	743.0
22.5°	1007.8	1003.2	1005.7	1016.4	1039.5	1071.7	1090.0	1066.3	956.0	*929.2*	787.6
25°	1122.2	1109.0	1095.8	1083.4	1095.2	1113.3	1134.1	1125.7	1019.7	*985.7*	832.5
27.5°	1266.7	1250.6	1221.5	1180.9	1166.7	1173.1	1182.4	1180.7	1078.7	*1044.2*	878.9
30°	1409.0	1390.2	1355.6	1296.8	1259.3	1242.4	1235.4	1230.6	1142.8	*1106.1*	925.7
32.5°	1522.6	1507.7	1473.7	1407.9	1353.5	1324.6	1301.3	1284.4	1209.8	*1173.1*	975.2
35°	1621.9	1608.1	1569.1	1497.4	1438.2	1407.5	1377.0	1340.9	1279.5	*1242.4*	1028.4
37.5°	1712.6	1698.8	1645.4	1570.8	1511.2	1490.0	1462.8	1401.5	1349.4	*1314.3*	1084.7
40°	1770.0	1766.9	1717.0	1632.4	1570.6	1560.1	1551.0	1471.8	1426.9	*1394.3*	1146.5
42.5°	1784.6	1791.4	1751.8	1682.3	1623.4	1614.9	1636.2	1551.4	1513.9	*1482.8*	1216.6
45°	1749.3	1768.9	1742.9	1695.7	1660.9	1656.4	1711.6	1638.4	1610.2	*1581.7*	1301.1
47.5°	1660.1	1693.3	1682.5	1675.9	1671.0	1690.6	1778.0	1730.8	1719.2	*1694.5*	1397.6
50°	1479.9	1542.8	1561.5	1603.2	1651.0	1717.2	1838.4	1831.6	1846.6	*1821.7*	1515.1
52.5°	1168.4	1254.9	1363.8	1468.1	1589.6	1708.3	1904.8	1976.3	2039.8	*2026.2*	1701.9
55°	964.5	1003.4	1087.1	1278.4	1470.4	1671.0	1934.7	2093.2	2231.6	*2219.4*	1843.6
57.5°	807.8	842.6	894.2	1053.9	1290.2	1586.3	1953.2	2164.6	2362.9	*2361.7*	1983.3
60°	639.7	676.6	729.4	842.6	1079.7	1439.9	1949.1	2245.8	2530.5	*2540.8*	2153.8
62.5°	450.1	490.7	549.2	654.8	864.7	1250.2	1865.0	2304.5	2727.8	*2755.9*	2359.0
65°	295.9	322.7	366.8	457.9	644.3	1006.3	1704.4	2312.2	2938.9	*2986.3*	2551.5
67.5°	*207.4*	*217.7*	*243.7*	*293.2*	*424.7*	*771.7*	*1448.5*	*2233.2*	*3079.7*	*3133.1*	*2635.0*
70°	161.8	167.0	180.2	200.0	266.8	518.9	1110.0	2027.9	3049.6	*3105.3*	2547.8
72.5°	139.8	144.7	149.7	152.2	179.0	320.4	751.9	1695.5	2766.2	*2803.9*	2215.3
75°	126.8	128.0	132.2	131.3	136.5	207.8	434.0	1235.4	2182.5	*2169.5*	1635.3
77.5°	106.6	108.2	115.0	114.0	121.2	142.0	225.3	797.3	1414.9	*1326.7*	910.2
80°	90.3	91.1	98.5	97.3	105.4	102.9	115.0	406.4	600.2	*508.4*	262.5
82.5°	31.3	38.8	75.3	77.5	80.4	62.3	66.4	165.8	183.3	*140.4*	55.0
85°	15.3	16.3	38.3	54.4	54.2	31.3	32.4	59.2	57.7	*45.4*	18.3
87.5°	2.5	3.1	4.5	21.2	16.9	8.2	11.1	11.5	12.0	*10.3*	4.1
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°	468.6	468.6	468.6	468.6	468.6	468.6	468.6	468.6	468.6	468.6	468.6
2.5°	473.8	463.5	441.8	421.8	406.2	391.1	382.6	375.4	371.3	370.5	370.5
5°	486.6	465.3	425.9	392.8	371.1	355.0	346.6	341.2	338.5	336.9	336.7
7.5°	504.9	473.8	417.7	380.0	357.3	345.7	341.4	340.6	340.4	340.6	341.2
10°	530.3	487.6	416.9	376.9	357.9	351.5	351.3	351.5	352.3	352.5	352.8
12.5°	557.7	501.8	420.2	379.6	365.7	362.2	361.6	361.4	362.0	362.4	362.6
15°	587.6	520.6	425.7	385.3	374.4	370.7	370.1	368.8	368.6	368.4	368.2
17.5°	618.3	539.1	431.9	391.5	380.0	374.8	372.5	369.7	367.4	366.8	367.4
20°	649.4	557.5	436.3	394.6	380.4	373.2	368.6	363.7	359.8	357.5	358.3
22.5°	682.6	576.7	438.9	393.8	376.7	366.8	358.5	352.8	346.8	342.9	343.1
25°	715.0	593.4	438.7	389.5	369.5	356.9	346.4	338.9	330.7	326.6	326.6
27.5°	746.1	608.4	433.6	381.8	359.1	345.1	332.5	323.7	315.6	311.7	311.5
30°	778.3	621.0	425.5	370.7	347.0	331.5	317.7	310.1	302.9	299.2	298.9
32.5°	810.2	632.5	414.2	356.9	333.0	318.1	304.5	297.5	293.2	293.2	293.4
35°	844.1	640.6	399.1	340.8	318.1	303.9	293.2	289.0	288.6	286.2	285.5
37.5°	879.7	645.7	380.8	324.3	303.5	290.1	286.8	281.8	277.7	272.3	271.5
40°	917.2	650.9	358.7	307.2	288.0	280.6	279.2	272.6	260.8	247.6	245.8
42.5°	962.8	654.4	335.8	290.1	271.7	269.3	271.3	260.0	241.2	231.3	231.5
45°	1015.6	660.2	314.8	273.2	255.0	255.0	263.7	248.8	233.4	227.2	228.2
47.5°	1084.0	673.6	295.2	254.6	239.6	243.7	246.8	235.4	226.8	219.2	219.0
50°	1183.0	705.7	275.0	235.9	227.8	236.1	231.7	225.1	215.0	208.8	208.2
52.5°	1305.9	724.7	257.1	219.0	217.7	226.0	219.8	213.6	206.0	197.7	196.1
55°	1389.6	728.2	242.0	206.6	210.9	210.1	207.8	202.3	198.1	187.2	187.4
57.5°	1483.2	735.2	229.7	199.2	206.6	197.5	196.7	191.9	186.6	179.2	176.7
60°	1595.1	746.1	219.0	196.3	202.9	189.3	185.1	183.3	177.9	174.2	175.2
62.5°	1717.2	756.0	208.0	196.7	198.5	181.2	175.0	174.4	171.1	169.9	169.9
65°	1800.5	729.0	194.4	196.3	191.7	173.0	165.1	164.9	162.3	161.8	161.6
67.5°	*1771.4*	*643.5*	*176.1*	*190.5*	*184.7*	*164.7*	*156.1*	*155.2*	*151.7*	*151.9*	*151.9*
70°	1625.8	521.4	150.7	176.3	176.1	157.3	146.6	143.9	139.2	140.0	140.8
72.5°	1352.9	386.4	116.7	152.6	162.3	150.5	135.7	131.3	125.4	126.2	126.0
75°	977.0	262.7	84.9	116.1	141.2	142.5	124.9	117.5	110.3	111.5	111.9
77.5°	500.0	148.9	62.5	80.0	110.9	129.5	115.2	105.4	103.7	115.2	113.6
80°	163.1	74.6	43.3	56.1	72.8	106.0	101.0	89.7	89.3	92.0	79.0
82.5°	48.7	31.5	27.8	36.9	40.2	81.2	87.2	67.8	58.3	61.4	63.5
85°	16.7	15.3	15.9	18.3	19.2	47.6	61.0	44.9	42.5	46.8	46.2
87.5°	3.9	5.4	4.5	4.1	4.1	11.5	23.7	18.8	26.0	17.3	16.7
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)