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: P1197926

Luminaire Tested: GPC-SB1B-827-U-AFL

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197926
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-14)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1B-827-U-AFL
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 450mA LIGHTSQUARE WITH 26 LEDS AND AUTOMOTIVE FRONTLINE OPTI(
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5007 lumens
Efficiency:	N/A
Efficacy:	125.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

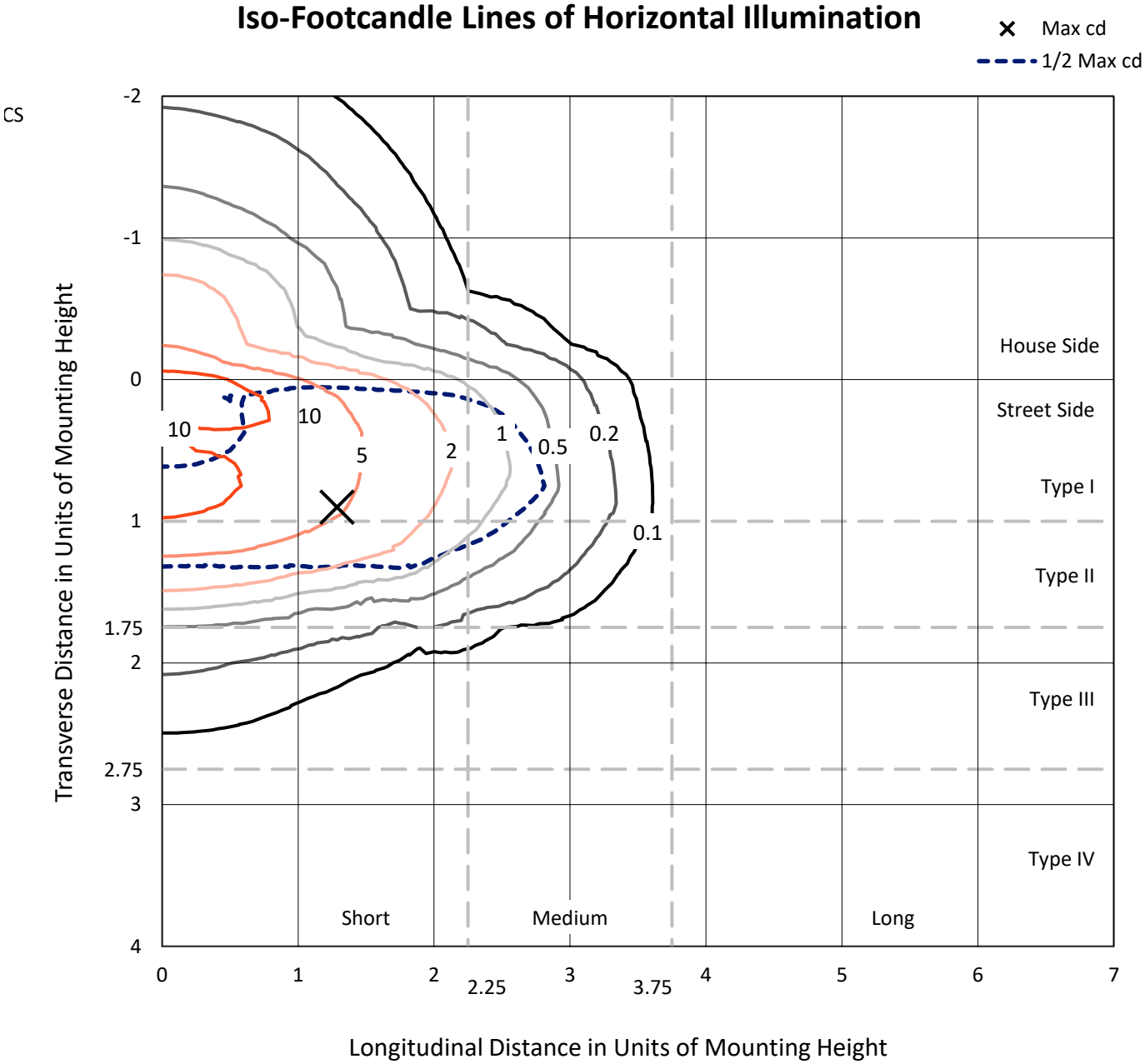


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Iso-Footcandle Lines of Horizontal Illumination



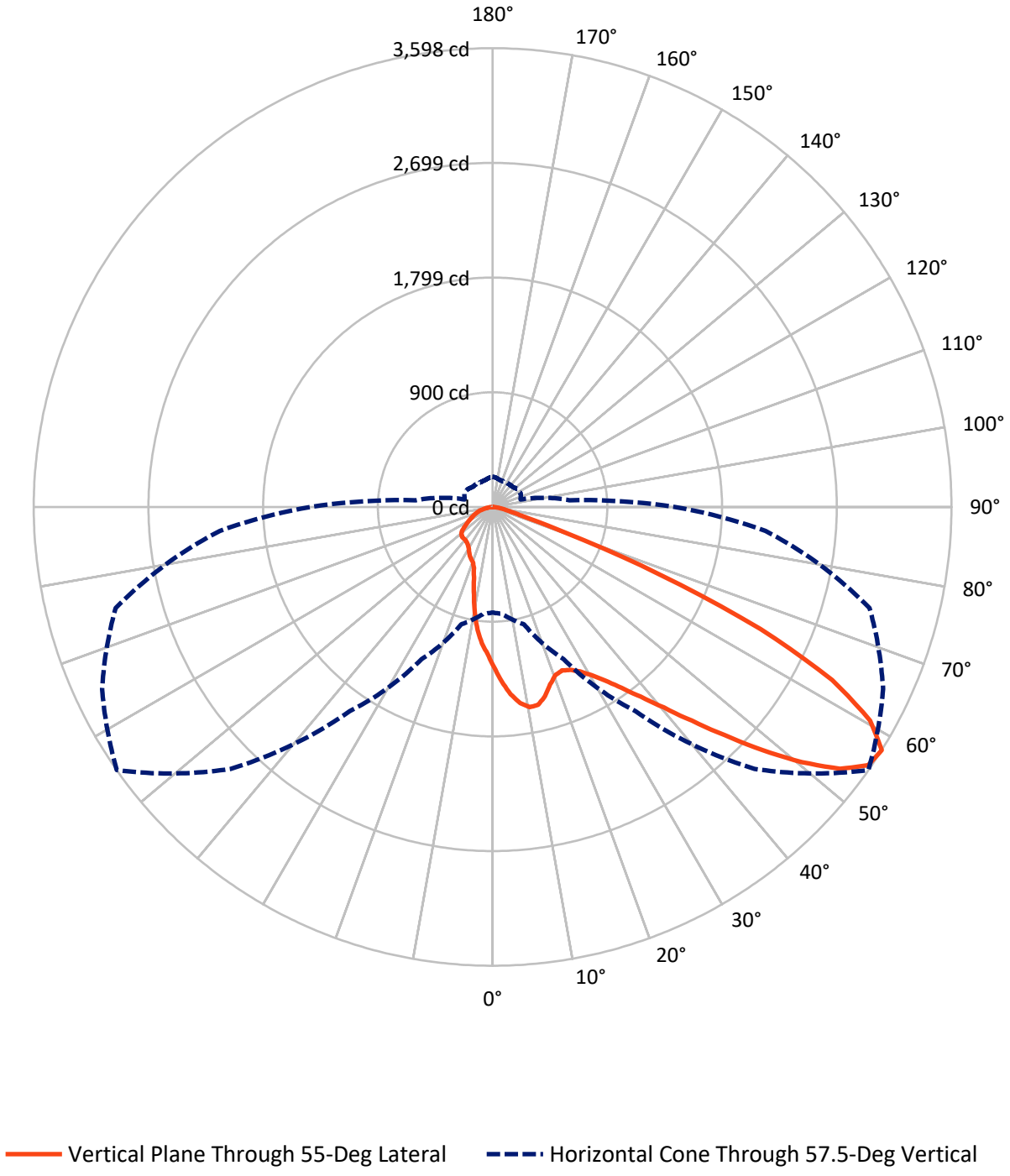
Based on 10 foot mounting height. Maximum calculated value = 15.2 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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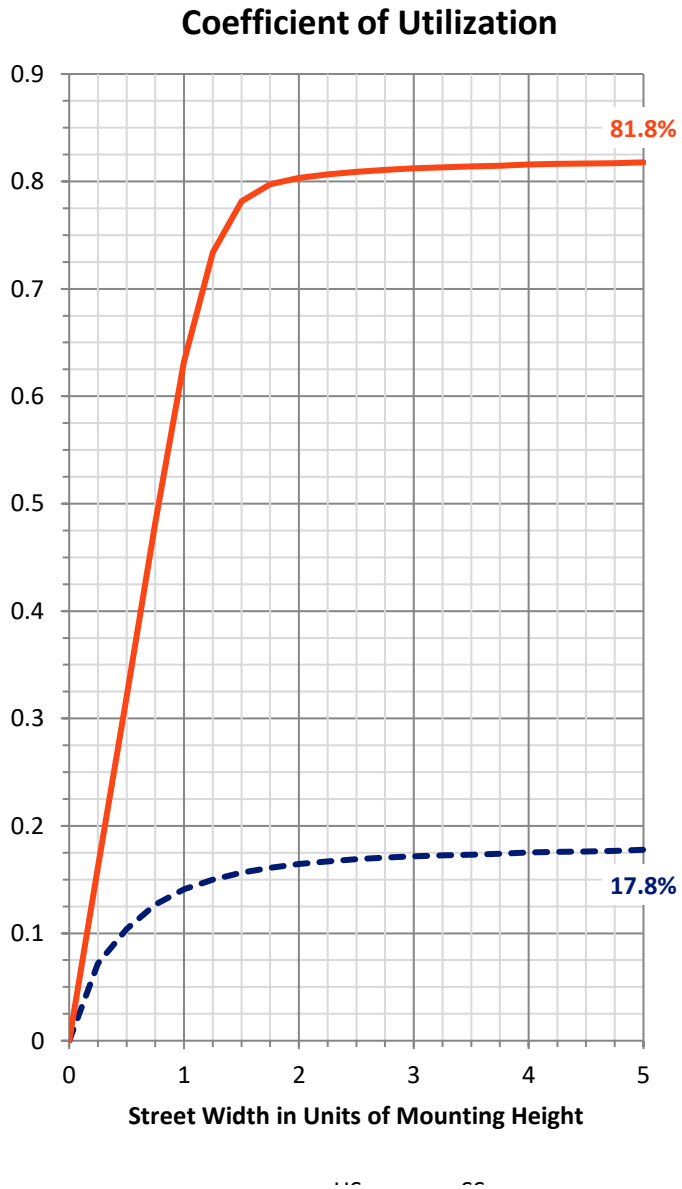
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	906.0	0.0	906.0
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	4101.0	0.0	4101.0
	% Fixture	81.9	0.0	81.9
Total	Lumens	5007.0	0.0	5007.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.4	2.3
10°-20°	293.8	5.9
20°-30°	468.9	9.4
30°-40°	742.4	14.8
40°-50°	1136.3	22.7
50°-60°	1217.1	24.3
60°-70°	765.7	15.3
70°-80°	226.4	4.5
80°-90°	40.0	0.8
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°	5007.0	100.0
0°-180°	5007.0	100.0



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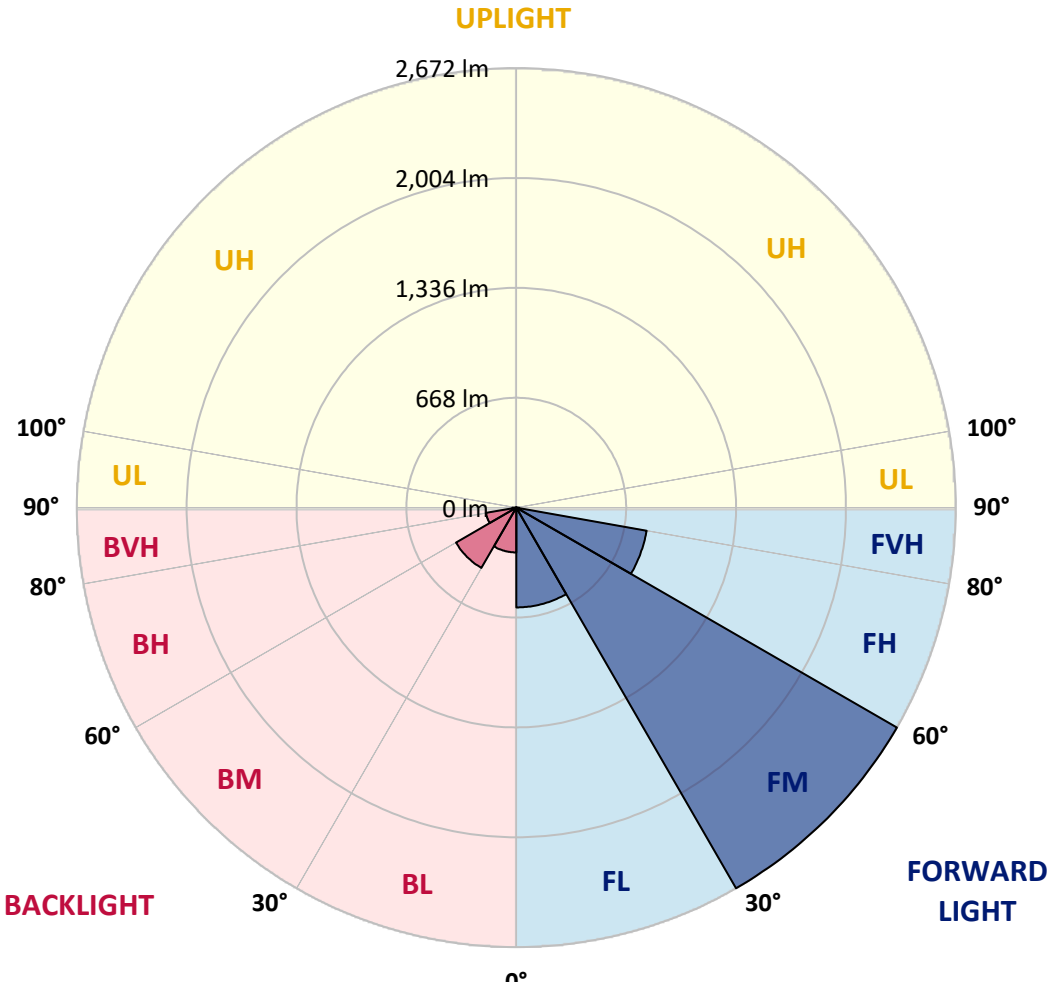
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	606.8	12.1			
FM	(30°-60°)	2672.3	53.4			
FH	(60°-80°)	805.0	16.1			G1/1800
FVH	(80°-90°)	16.9	0.3			G1/100
BL	(0°-30°)	272.3	5.4	B1/500		
BM	(30°-60°)	423.5	8.5	B1/1000		
BH	(60°-80°)	187.1	3.7	B1/500		G1/500
BVH	(80°-90°)	23.1	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 Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1254.6	1254.6	1254.6	1254.6	1254.6	1254.6	1254.6	1254.6	1254.6	1254.6	1254.6
2.5°	1439.4	1438.4	1444.1	1424.6	1411.4	1393.6	1370.0	1340.0	1307.7	1273.5	1258.7
5°	1569.1	1560.0	1566.0	1551.5	1537.0	1510.1	1475.1	1426.2	1366.4	1298.3	1262.1
7.5°	1548.6	1542.4	1557.7	1570.6	1581.5	1578.1	1552.5	1501.3	1424.1	1325.3	1272.7
10°	1383.8	1376.8	1398.2	1443.0	1508.8	1566.0	1597.0	1565.2	1483.1	1354.8	1283.1
12.5°	1238.3	1234.9	1249.2	1285.4	1358.4	1468.1	1591.3	1621.1	1544.5	1389.7	1297.0
15°	1176.2	1172.0	1181.1	1199.5	1246.0	1348.3	1539.6	1659.4	1604.8	1430.1	1319.3
17.5°	1162.4	1157.8	1161.7	1171.2	1201.3	1279.2	1461.4	1678.3	1667.7	1475.1	1337.9
20°	1187.8	1183.9	1184.4	1183.9	1204.9	1266.8	1407.0	1671.1	1722.6	1516.5	1356.1
22.5°	1249.2	1242.7	1242.9	1229.2	1240.6	1288.5	1392.8	1651.7	1771.5	1552.8	1369.8
25°	1349.1	1337.4	1339.7	1304.8	1301.7	1337.2	1415.1	1636.6	1820.2	1581.8	1372.4
27.5°	1485.7	1472.5	1465.5	1413.5	1388.7	1406.3	1460.4	1641.8	1866.2	1606.9	1365.9
30°	1656.6	1640.5	1626.3	1552.5	1507.5	1501.0	1530.8	1676.0	1920.6	1633.3	1354.8
32.5°	1866.0	1847.3	1821.4	1723.6	1660.2	1626.3	1621.9	1736.8	1984.3	1666.9	1349.1
35°	2115.2	2090.9	2054.1	1927.6	1847.3	1778.0	1742.0	1824.6	2071.5	1717.7	1355.5
37.5°	2372.0	2344.6	2310.9	2160.3	2061.7	1959.4	1888.5	1943.6	2187.7	1786.5	1372.6
40°	2608.8	2578.0	2546.7	2412.6	2306.8	2183.6	2067.9	2094.3	2329.8	1868.8	1401.6
42.5°	2748.6	2725.8	2713.9	2641.4	2559.7	2434.6	2291.0	2272.9	2489.5	1963.6	1434.7
45°	2742.4	2733.1	2769.8	2799.9	2780.4	2711.1	2552.4	2470.4	2649.7	2045.6	1465.3
47.5°	2595.9	2602.1	2684.2	2852.9	2927.2	2963.4	2850.1	2664.2	2789.0	2106.9	1479.0
50°	2197.3	2202.5	2392.4	2756.4	2965.0	3169.2	3145.4	2853.4	2896.9	2144.5	1475.9
52.5°	1881.8	1885.1	1966.7	2470.1	2840.2	3272.8	3411.5	3031.8	2975.9	2154.8	1458.6
55°	1417.4	1429.0	1520.4	1937.9	2515.7	3190.7	3573.5	3215.6	3025.8	2155.9	1440.4
57.5°	828.0	840.7	953.6	1315.4	1955.3	2904.7	3598.1	3378.6	3059.7	2147.6	1429.6
60°	405.6	411.0	460.2	691.4	1205.7	2353.6	3400.4	3457.6	3078.6	2143.2	1429.0
62.5°	273.3	272.6	274.6	341.1	594.0	1512.1	2988.3	3319.3	3068.5	2126.4	1423.9
65°	235.0	232.2	224.4	239.4	307.8	691.6	2308.8	2906.8	2991.7	2084.2	1388.4
67.5°	203.2	203.4	203.7	199.0	219.8	319.1	1410.9	2289.7	2715.7	1884.3	1251.7
70°	168.2	170.6	171.6	171.6	179.1	209.4	602.3	1569.3	2142.1	1477.5	1008.2
72.5°	153.2	148.3	148.8	146.2	146.2	159.4	242.5	889.6	1349.6	831.1	615.3
75°	125.0	128.1	128.6	126.8	120.9	121.7	143.9	373.2	577.5	344.8	304.1
77.5°	107.9	107.9	109.0	107.7	103.0	91.1	96.0	144.7	196.5	141.3	151.9
80°	86.7	86.5	90.9	93.4	86.2	67.3	61.3	80.0	87.2	62.1	78.9
82.5°	42.2	44.8	62.4	71.2	65.5	48.7	37.5	49.7	46.6	27.4	35.5
85°	24.6	23.3	28.0	39.6	37.5	26.9	18.1	25.9	24.3	14.0	14.2
87.5°	7.8	7.2	5.7	13.5	10.9	7.5	4.9	7.5	6.7	3.1	3.1
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1254.6	1254.6	1254.6	1254.6	1254.6	1254.6	1254.6	1254.6	1254.6	1254.6
2.5°	1240.4	1209.8	1179.5	1151.8	1135.0	1124.1	1113.3	1101.1	1096.4	1089.5
5°	1227.9	1168.9	1116.4	1071.1	1029.9	997.6	965.0	938.5	926.6	934.7
7.5°	1220.7	1135.3	1054.3	971.2	891.2	827.2	771.6	732.5	714.9	719.3
10°	1214.2	1097.2	973.8	842.5	727.6	648.4	591.4	561.7	550.6	552.9
12.5°	1208.3	1054.5	876.7	704.0	581.9	529.6	513.3	513.5	515.6	517.2
15°	1207.2	1003.0	768.2	582.9	503.2	499.8	517.4	528.5	534.5	536.3
17.5°	1205.7	941.4	657.7	500.3	484.0	506.8	523.1	530.4	535.0	535.3
20°	1199.5	863.2	555.7	461.0	479.9	499.6	509.7	515.3	519.2	520.5
22.5°	1180.3	776.3	476.3	443.4	463.3	479.1	491.0	497.5	499.8	501.4
25°	1145.9	678.9	421.4	426.6	440.3	460.2	469.8	471.1	470.3	472.6
27.5°	1100.8	574.6	387.2	403.8	421.4	438.5	443.6	442.9	441.3	443.9
30°	1046.5	480.9	365.5	378.2	402.2	417.8	422.4	420.6	417.5	420.4
32.5°	989.0	404.3	347.6	360.3	386.4	401.7	406.4	404.6	402.2	404.6
35°	935.4	350.7	331.1	348.4	374.0	389.0	395.0	395.2	395.2	398.1
37.5°	886.3	319.4	317.3	340.9	365.5	378.9	387.5	388.0	376.9	377.6
40°	840.7	306.2	311.1	336.0	357.2	370.1	370.7	341.7	321.2	320.7
42.5°	803.4	303.6	312.9	335.5	351.2	351.8	315.3	292.7	287.1	287.3
45°	768.5	302.8	317.1	335.5	342.4	303.9	279.3	273.3	273.9	275.9
47.5°	729.4	299.7	317.9	330.8	317.1	270.2	263.0	260.4	259.4	259.9
50°	686.7	288.6	308.0	321.5	273.6	255.7	246.7	245.9	247.2	248.0
52.5°	641.7	270.5	291.2	304.7	253.7	243.0	233.0	234.8	240.5	242.3
55°	612.2	249.3	268.9	271.0	239.7	231.1	222.6	226.7	237.4	240.7
57.5°	*604.4*	*226.7*	*243.6*	*241.2*	*221.8*	*220.8*	*215.6*	*219.2*	*232.7*	*237.6*
60°	602.1	206.6	218.7	216.9	204.5	209.4	208.1	209.9	214.6	216.1
62.5°	583.9	190.5	196.5	193.9	189.0	197.5	200.6	196.7	200.3	202.2
65°	537.9	177.6	174.7	172.9	175.0	182.7	189.0	181.2	184.6	189.7
67.5°	461.8	160.0	152.2	154.3	160.7	164.9	172.9	164.1	167.0	175.8
70°	373.5	137.7	130.7	136.7	142.9	151.4	152.7	146.8	153.5	163.3
72.5°	264.3	115.2	110.3	122.4	124.5	135.6	132.8	129.9	139.3	142.6
75°	183.3	92.9	90.1	99.4	106.9	116.5	114.4	117.8	137.4	139.0
77.5°	116.0	72.2	70.4	76.4	86.7	97.3	100.7	139.0	234.8	244.1
80°	67.3	53.8	51.8	56.4	65.5	75.3	97.1	170.6	154.8	153.0
82.5°	37.5	37.0	34.4	35.7	43.7	54.4	137.2	120.1	97.6	100.7
85°	17.6	21.7	18.6	17.9	24.6	63.7	91.6	68.6	45.6	44.5
87.5°	4.7	4.1	4.1	4.7	10.4	54.9	36.5	29.2	17.3	16.8
90°	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)