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: P1197463

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197463
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-4)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-827-U-T2R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE II ROADWAY OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3321 lumens
Efficiency:	N/A
Efficacy:	107.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B0 - 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

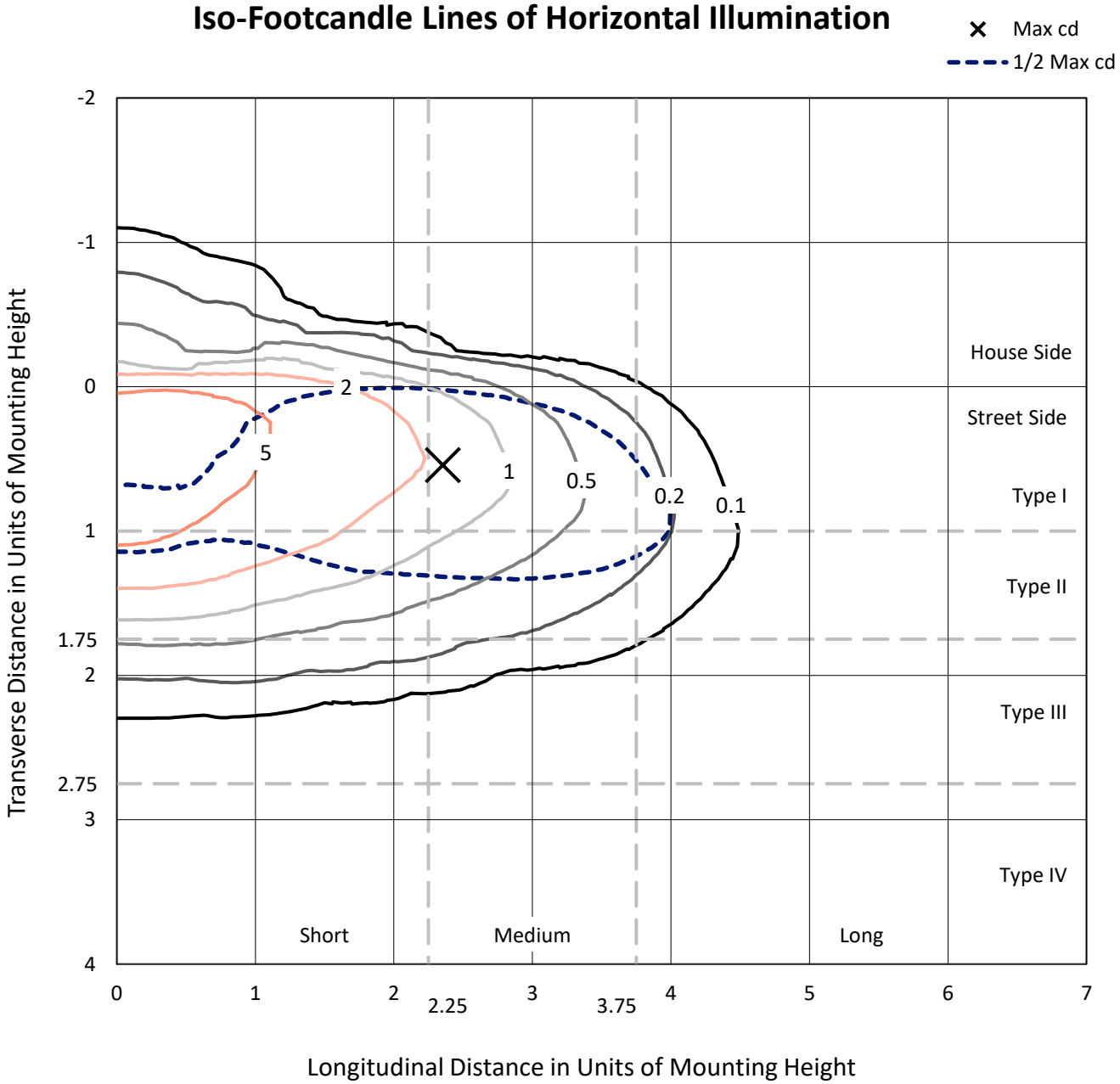


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Iso-Footcandle Lines of Horizontal Illumination



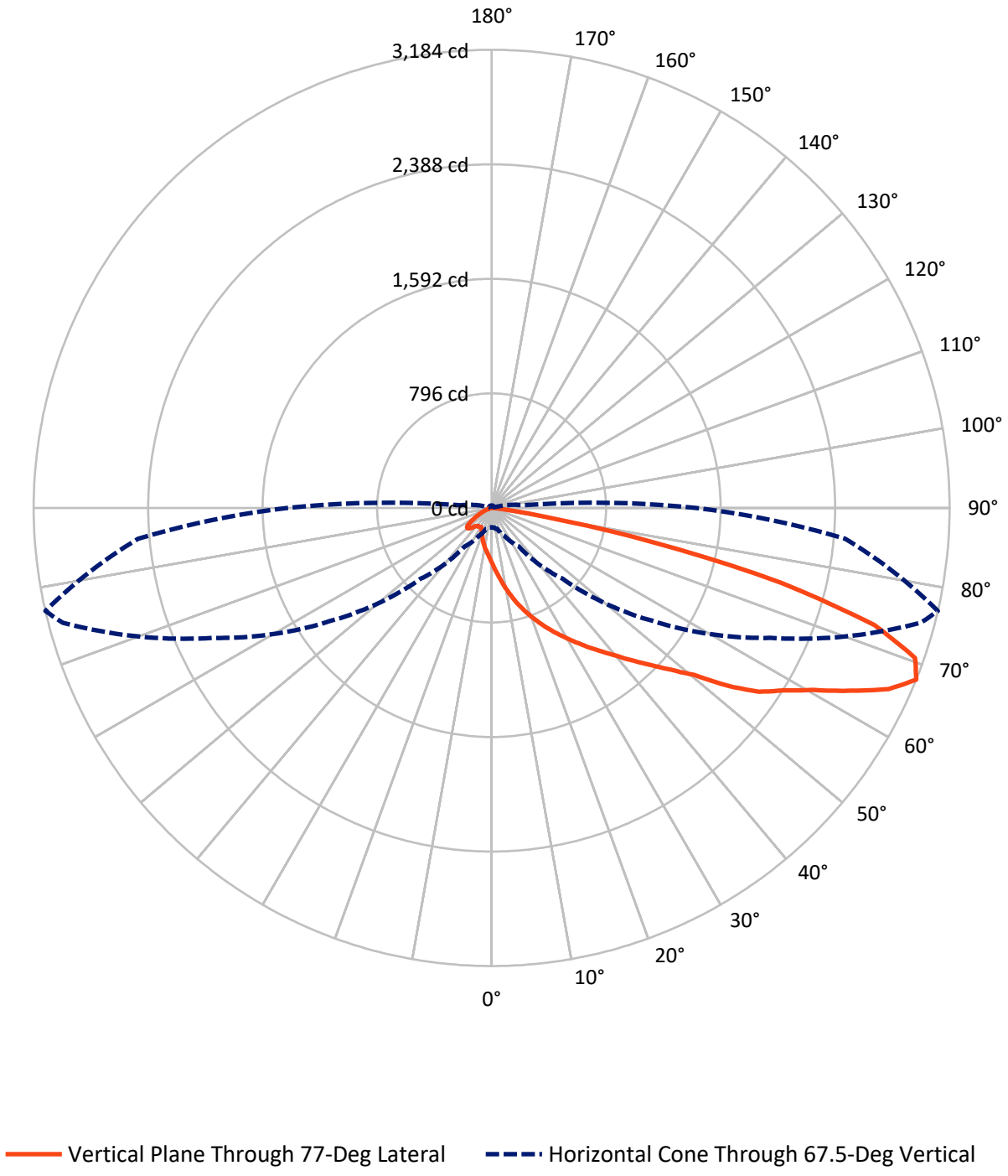
Based on 10 foot mounting height. Maximum calculated value = 9 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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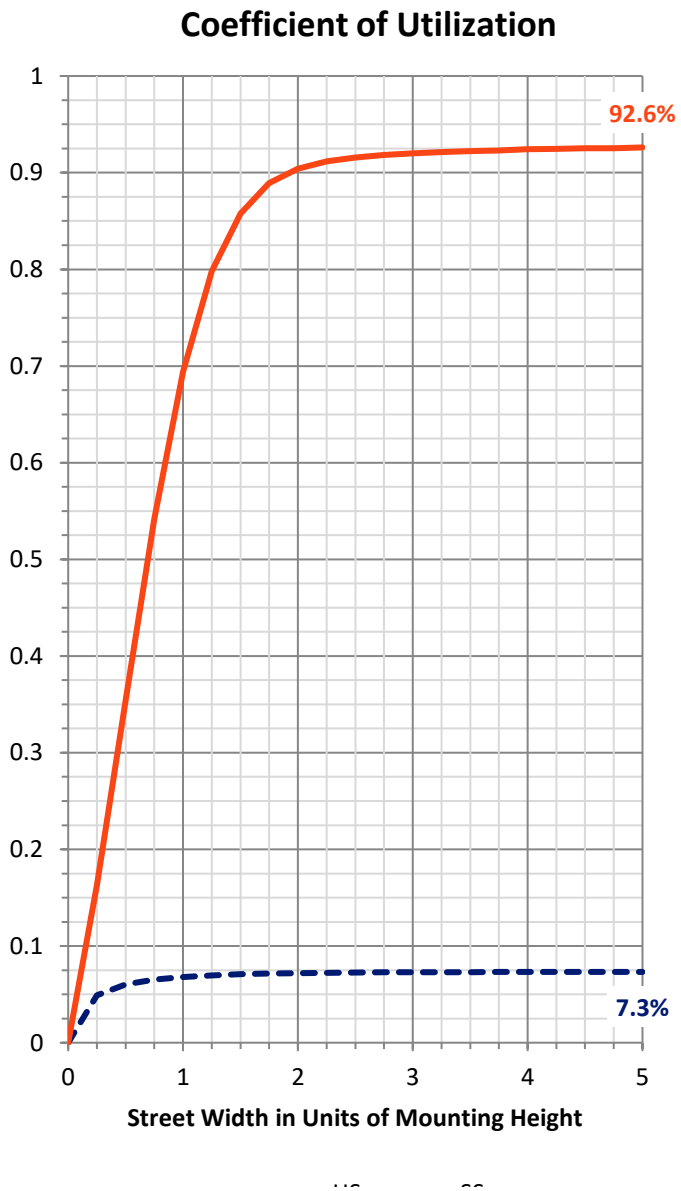
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	244.3	0.0	244.3
	% Fixture	7.4	0.0	7.4
Street Side	Lumens	3076.7	0.0	3076.7
	% Fixture	92.6	0.0	92.6
Total	Lumens	3321.0	0.0	3321.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.1	1.2
10°-20°	136.9	4.1
20°-30°	264.1	8.0
30°-40°	458.6	13.8
40°-50°	665.8	20.0
50°-60°	764.6	23.0
60°-70°	663.8	20.0
70°-80°	312.7	9.4
80°-90°	15.5	0.5
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°	3321.0	100.0
0°-180°	3321.0	100.0



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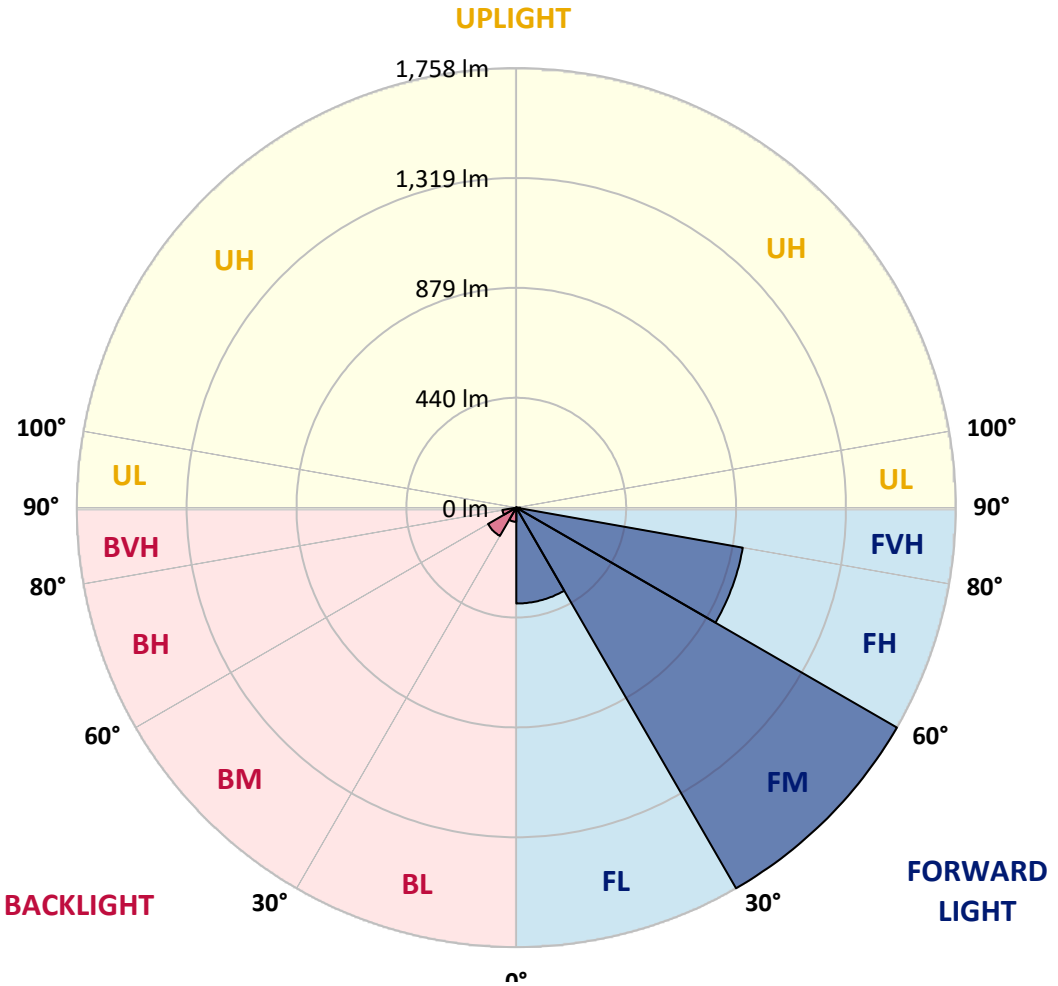
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	383.5	11.5			
FM	(30°-60°)	1758.0	52.9			
FH	(60°-80°)	919.9	27.7			G1/1800
FVH	(80°-90°)	15.2	0.5			G1/100
BL	(0°-30°)	56.6	1.7	B0/110		
BM	(30°-60°)	130.9	3.9	B0/220		
BH	(60°-80°)	56.6	1.7	B0/110		G0/110
BVH	(80°-90°)	0.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	383.0	383.0	383.0	383.0	383.0	383.0	383.0	383.0	383.0	*383.0*	383.0
2.5°	530.2	533.5	528.8	519.7	506.1	497.2	475.6	455.1	432.5	*425.2*	402.6
5°	646.3	649.2	643.8	633.9	615.8	598.5	570.0	527.3	483.0	*468.7*	428.5
7.5°	732.3	734.0	731.9	722.8	705.5	685.9	654.1	603.6	537.8	*522.2*	460.5
10°	794.2	799.5	798.9	795.4	783.9	768.0	734.2	676.6	599.3	*579.1*	496.6
12.5°	835.2	841.2	844.7	852.5	851.9	841.8	812.1	751.3	660.5	*636.8*	537.2
15°	847.2	853.6	867.0	885.1	901.2	906.4	885.5	824.5	728.0	*697.7*	578.9
17.5°	840.4	850.3	866.4	895.0	930.3	953.6	951.3	895.2	789.2	*754.6*	619.7
20°	855.4	864.9	877.5	901.6	942.7	984.9	1001.8	962.9	850.1	*813.8*	662.6
22.5°	938.7	937.1	938.3	942.2	966.8	1008.6	1043.5	1024.3	910.3	*873.2*	708.0
25°	1070.7	1063.3	1050.7	1029.5	1023.3	1043.5	1079.8	1078.8	973.8	*934.0*	754.4
27.5°	1222.1	1220.9	1191.4	1140.2	1111.3	1103.5	1120.8	1131.8	1036.7	*994.2*	801.0
30°	1367.1	1370.4	1330.6	1273.6	1220.6	1189.9	1174.2	1182.1	1100.6	*1059.2*	849.0
32.5°	1493.3	1496.8	1453.5	1386.9	1321.3	1284.2	1251.2	1231.8	1170.3	*1125.2*	901.8
35°	1599.9	1603.4	1553.7	1480.1	1410.2	1376.6	1339.2	1286.2	1240.4	*1198.4*	960.6
37.5°	1695.2	1694.1	1627.5	1553.3	1484.6	1458.0	1438.4	1353.2	1312.6	*1272.0*	1025.8
40°	1751.5	1755.8	1698.9	1617.0	1550.4	1531.0	1529.8	1436.4	1395.9	*1356.5*	1097.1
42.5°	1768.0	1775.6	1734.4	1667.1	1606.7	1585.7	1618.0	1526.3	1492.9	*1454.5*	1177.8
45°	1738.3	1745.7	1726.9	1680.3	1645.1	1631.4	1693.9	1619.5	1596.4	*1558.4*	1268.7
47.5°	1651.7	1660.9	1665.5	1655.6	1655.2	1669.0	1762.0	1717.6	1719.3	*1680.5*	1374.1
50°	1484.0	1499.7	1541.3	1576.4	1630.6	1698.7	1828.2	1824.1	1857.9	*1824.5*	1511.4
52.5°	1179.2	1201.5	1345.0	1440.9	1562.8	1693.1	1901.0	1994.8	2101.0	*2052.1*	1705.1
55°	947.6	947.6	1064.3	1243.7	1430.4	1656.4	1932.7	2105.8	2266.6	*2255.1*	1841.4
57.5°	772.5	781.8	856.2	1014.8	1238.8	1569.0	1952.3	2175.5	2400.0	*2391.6*	1974.6
60°	476.8	496.8	637.4	794.0	1020.8	1413.3	1940.0	2246.0	2561.9	*2568.7*	2135.0
62.5°	268.5	275.9	338.6	571.2	793.8	1203.9	1845.3	2285.4	2769.0	*2797.9*	2300.4
65°	185.4	189.1	213.2	355.5	550.2	958.5	1660.3	2260.8	2976.4	*3034.8*	2440.7
67.5°	*134.7*	*136.5*	*151.6*	*217.2*	*326.5*	*695.0*	*1370.4*	*2137.1*	*3086.4*	*3183.9*	*2467.5*
70°	103.5	104.8	115.7	142.7	192.8	428.9	995.2	1891.1	3006.8	*3123.3*	2330.1
72.5°	84.1	85.4	93.8	105.6	127.9	253.7	603.2	1535.8	2655.4	*2781.2*	1983.7
75°	70.9	72.6	80.2	87.9	100.2	162.9	282.9	1069.5	1996.9	*2079.4*	1379.4
77.5°	39.4	36.3	65.2	72.8	84.6	103.1	132.4	629.4	1118.4	*1141.3*	612.1
80°	24.5	25.4	51.8	58.6	65.0	52.0	60.6	242.3	387.7	*368.3*	118.6
82.5°	1.4	3.3	39.8	42.3	44.5	22.3	22.9	82.3	93.4	*85.8*	21.0
85°	0.0	0.0	18.1	14.6	15.5	6.4	6.6	19.2	12.6	*13.6*	4.1
87.5°	0.0	0.0	0.0	0.4	0.0	0.6	1.2	1.6	0.6	*0.8*	1.4
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°	383.0	383.0	383.0	383.0	383.0	383.0	383.0	383.0	383.0	383.0	383.0
2.5°	388.1	373.7	344.4	315.7	292.4	270.8	255.3	240.7	233.2	232.8	232.4
5°	399.9	369.6	311.0	259.2	217.6	184.2	162.5	147.0	139.2	136.5	136.1
7.5°	416.4	370.8	281.7	209.7	160.6	132.0	119.6	114.7	113.0	111.2	110.7
10°	437.2	373.7	255.5	168.9	126.6	112.2	107.2	105.2	103.9	102.7	102.3
12.5°	460.5	376.4	229.5	140.2	111.4	103.9	100.4	98.0	96.3	94.9	94.5
15°	483.2	378.0	202.5	120.2	103.5	97.5	93.8	91.2	88.9	87.2	87.0
17.5°	505.7	380.3	177.1	108.3	97.1	91.2	87.4	84.1	82.3	80.4	80.2
20°	530.6	379.9	153.2	99.8	90.7	84.8	80.8	77.7	75.9	73.8	73.6
22.5°	553.7	377.8	132.2	92.6	84.1	78.4	74.0	70.9	69.1	67.4	67.2
25°	580.3	376.2	114.7	86.0	78.0	72.2	67.4	64.5	62.5	61.0	60.8
27.5°	605.9	373.7	101.9	80.0	72.0	66.4	61.9	58.6	56.7	55.7	55.7
30°	631.0	373.1	97.1	74.2	66.6	61.0	56.5	53.4	52.0	51.6	51.4
32.5°	661.4	374.7	99.2	72.2	61.7	56.1	51.8	49.5	48.1	48.1	48.1
35°	693.7	374.3	102.3	74.0	58.4	51.1	47.8	46.4	45.0	45.0	45.0
37.5°	734.4	374.9	104.8	77.1	57.1	47.0	45.2	43.3	42.5	42.5	42.5
40°	795.0	395.3	103.5	79.8	56.7	44.1	40.4	39.8	39.2	39.2	39.2
42.5°	869.2	439.7	105.2	80.0	56.5	42.1	37.1	38.4	36.9	36.7	36.5
45°	950.5	488.1	115.7	75.7	56.3	41.0	35.5	36.9	34.6	34.6	34.6
47.5°	1031.1	536.2	126.4	69.5	55.7	40.8	34.0	33.2	32.6	32.8	32.8
50°	1142.3	575.4	130.5	61.0	54.2	40.4	31.3	31.6	31.1	31.6	31.6
52.5°	1263.3	583.6	125.6	51.6	50.1	39.2	29.5	30.3	30.1	30.5	30.5
55°	1338.8	574.7	103.7	42.9	43.7	34.2	27.6	29.3	29.3	29.3	29.3
57.5°	1416.8	537.0	73.6	34.9	36.3	28.0	26.0	28.3	28.0	27.8	27.8
60°	1472.9	476.0	48.5	28.7	28.9	23.1	24.1	26.6	26.4	25.4	25.4
62.5°	1514.7	408.5	31.1	24.3	22.1	20.8	22.1	24.1	23.3	21.0	20.6
65°	1510.0	315.1	23.9	20.8	18.1	18.1	19.2	21.0	18.6	14.8	14.4
67.5°	*1421.9*	*213.2*	*19.8*	*17.5*	*15.3*	*15.1*	*15.9*	*17.5*	*15.9*	*12.6*	*12.2*
70°	1264.6	139.4	15.9	13.6	12.2	11.1	12.8	15.1	13.4	10.1	9.7
72.5°	1026.4	85.0	12.0	9.9	8.9	7.2	10.1	12.4	10.7	7.4	7.0
75°	664.0	43.3	8.2	6.4	4.7	4.3	7.4	9.3	7.4	4.5	3.9
77.5°	254.1	18.1	4.5	2.9	2.5	2.1	4.1	5.6	3.1	1.0	0.8
80°	48.9	7.6	2.3	1.4	1.2	0.8	0.6	0.4	0.0	0.0	0.0
82.5°	8.5	2.5	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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SS

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(END OF REPORT)