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: P1198401

Luminaire Tested: GPC-SB1C-827-U-AFL-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198401
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-15)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1C-827-U-AFL-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND AUTOMOTIVE FRONTLINE OPTI(
	WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5582 lumens
Efficiency:	N/A
Efficacy:	102.6 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):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

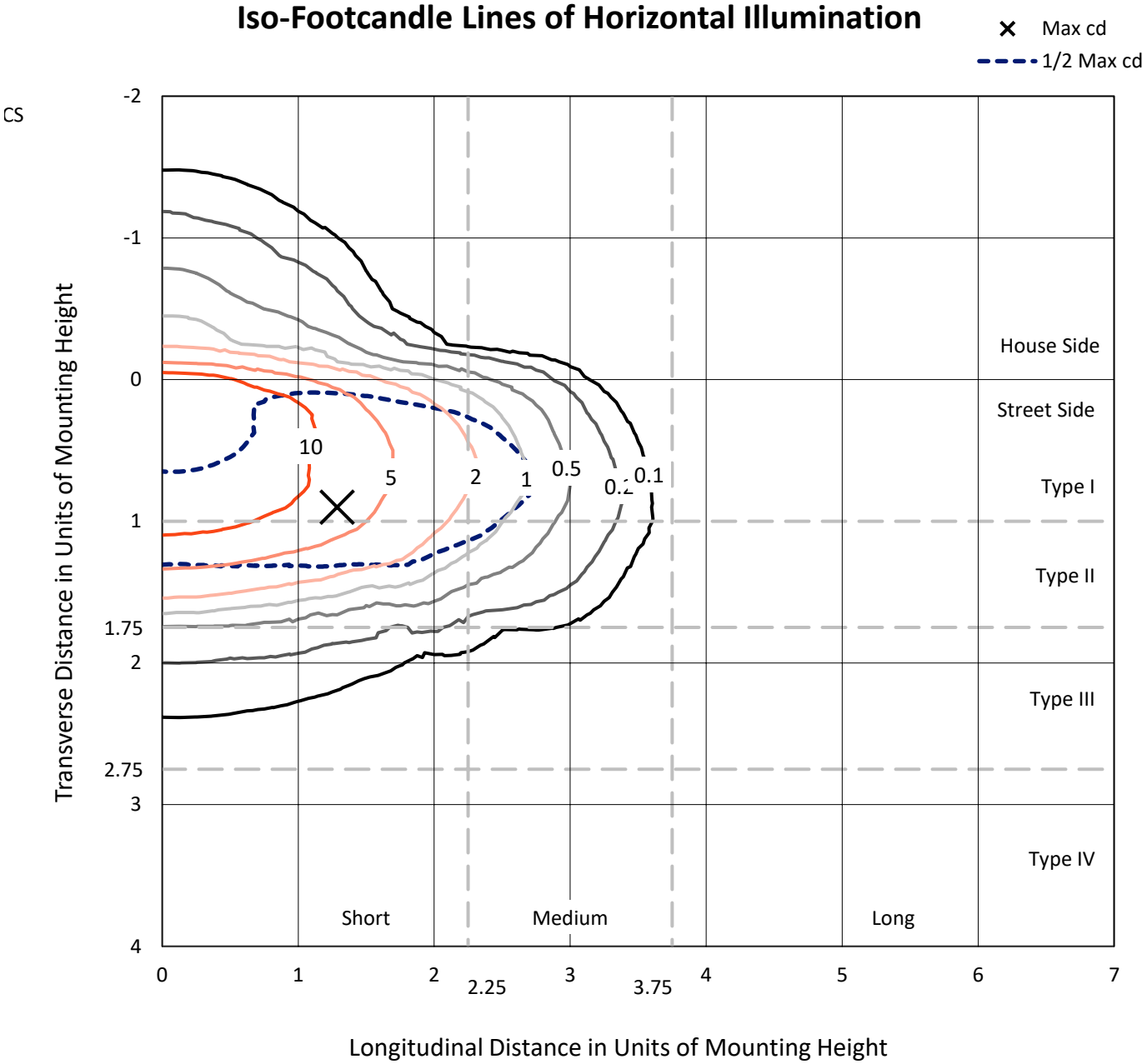


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Iso-Footcandle Lines of Horizontal Illumination



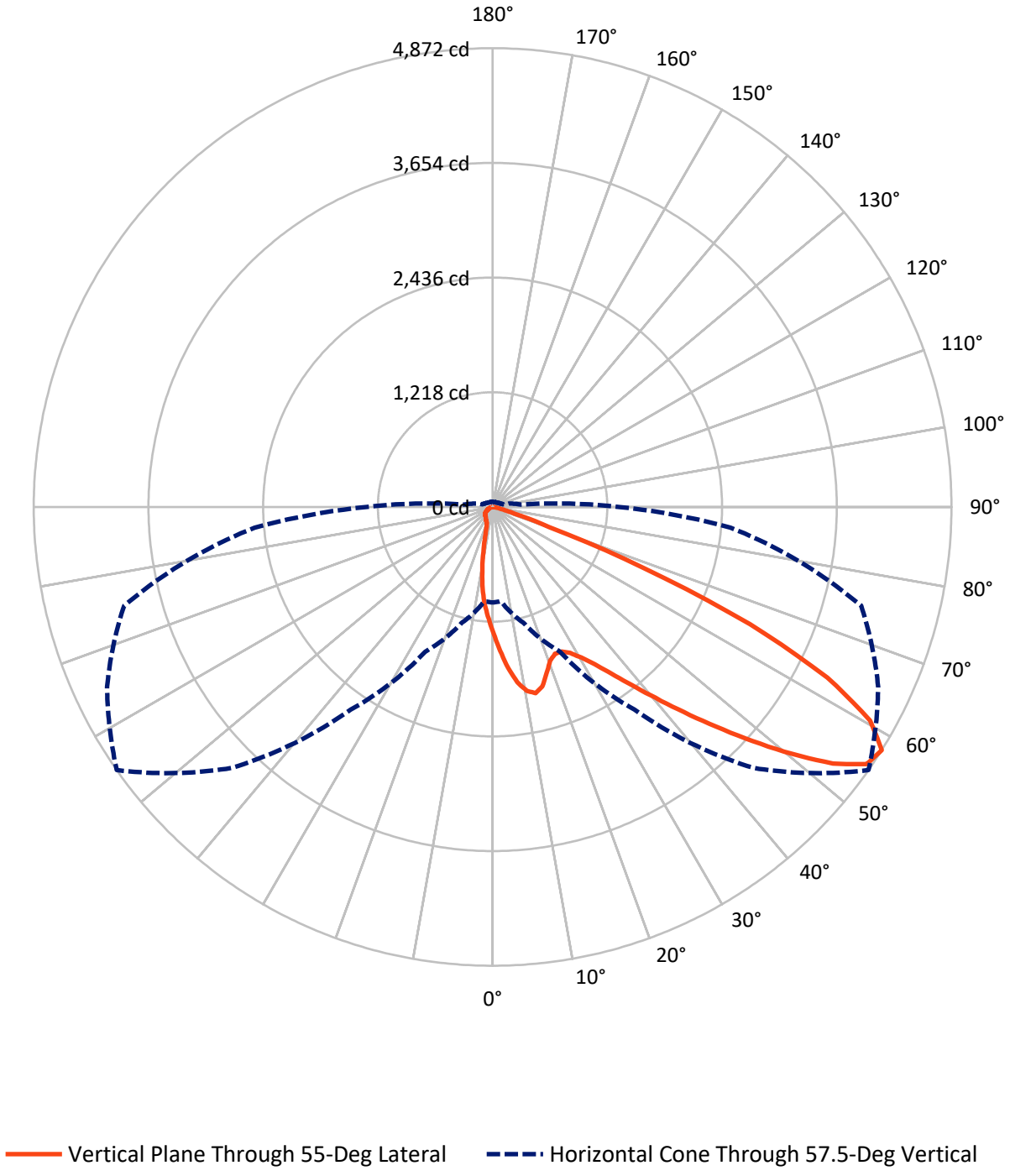
Based on 10 foot mounting height. Maximum calculated value = 19.3 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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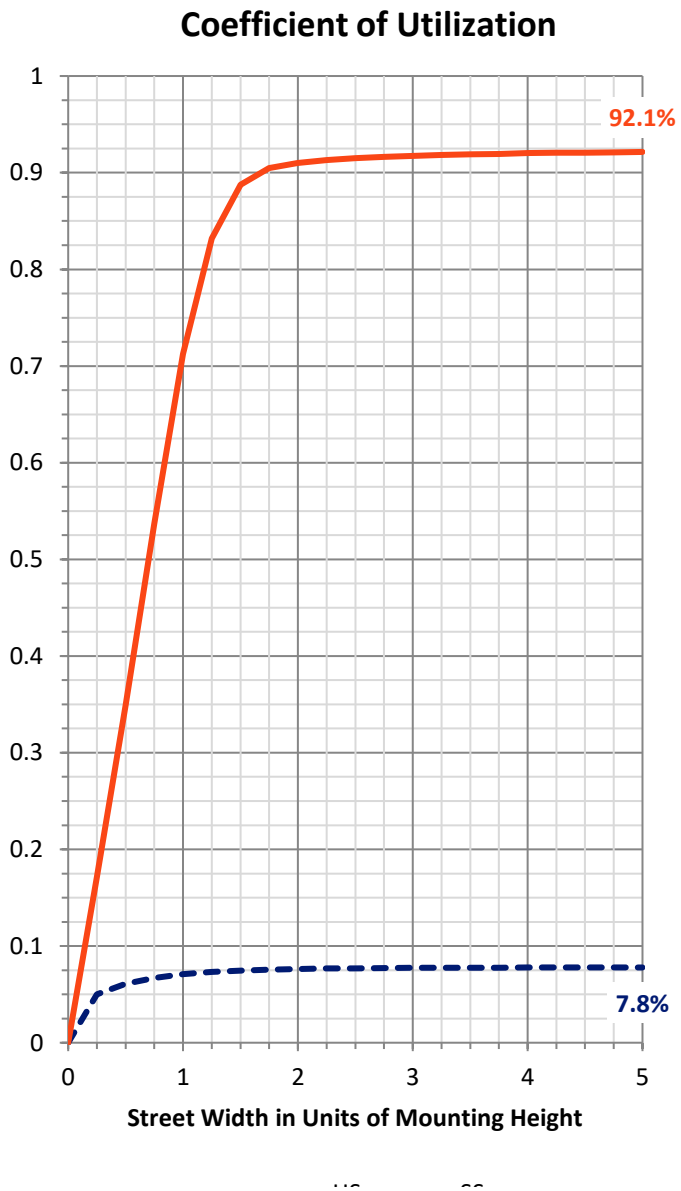
REPORT NUMBER: P1198401
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	435.9	0.0	435.9
	% Fixture	7.8	0.0	7.8
Street Side	Lumens	5146.1	0.0	5146.1
	% Fixture	92.2	0.0	92.2
Total	Lumens	5582.0	0.0	5582.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.2	2.2
10°-20°	302.3	5.4
20°-30°	483.7	8.7
30°-40°	818.7	14.7
40°-50°	1344.1	24.1
50°-60°	1477.3	26.5
60°-70°	847.4	15.2
70°-80°	173.1	3.1
80°-90°	10.2	0.2
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°	5582.0	100.0
0°-180°	5582.0	100.0



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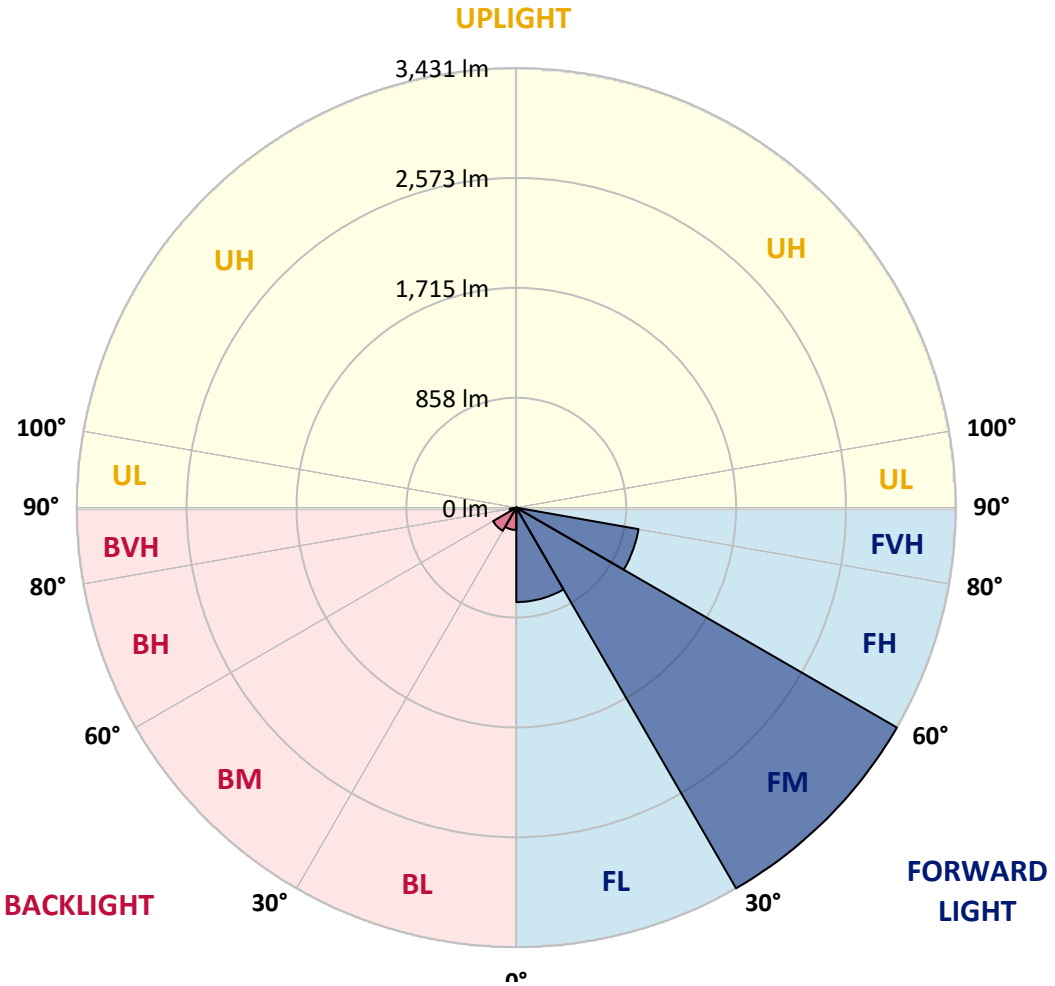
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	737.1	13.2			
FM	(30°-60°)	3430.7	61.5			
FH	(60°-80°)	968.7	17.4			G1/1800
FVH	(80°-90°)	9.5	0.2			G0/10
BL	(0°-30°)	174.0	3.1	B1/500		
BM	(30°-60°)	209.4	3.8	B0/220		
BH	(60°-80°)	51.8	0.9	B0/110		G0/110
BVH	(80°-90°)	0.7	0.0			G0/10
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°	1345.1	1345.1	1345.1	1345.1	1345.1	1345.1	1345.1	1345.1	1345.1	1345.1	1345.1
2.5°	1669.0	1648.0	1644.9	1640.8	1600.9	1570.9	1527.5	1480.0	1426.7	1372.3	1348.2
5°	1928.2	1911.7	1908.6	1889.3	1843.9	1792.9	1715.8	1618.4	1518.9	1401.9	1351.7
7.5°	1978.4	1975.4	1989.5	1988.8	1982.6	1942.3	1877.3	1761.3	1611.9	1438.4	1360.6
10°	1754.4	1762.3	1804.3	1841.1	1940.6	1998.4	1984.3	1888.6	1707.6	1480.0	1370.6
12.5°	1550.3	1541.0	1570.9	1612.6	1728.2	1900.3	2028.7	1995.0	1817.0	1527.2	1385.4
15°	1422.2	1418.4	1435.3	1454.6	1542.7	1716.2	1977.1	2081.4	1922.3	1583.0	1407.8
17.5°	1381.3	1378.2	1383.3	1388.1	1445.3	1579.5	1854.2	2134.4	2023.2	1646.6	1432.6
20°	1414.7	1410.5	1409.8	1406.0	1429.8	1521.4	1743.0	2138.2	2113.7	1704.5	1453.9
22.5°	1512.1	1507.2	1490.4	1475.2	1477.3	1529.3	1693.5	2100.3	2181.9	1758.5	1467.3
25°	1688.6	1680.7	1645.6	1594.7	1562.3	1584.3	1701.0	2050.4	2246.9	1800.8	1460.8
27.5°	1909.6	1899.3	1854.2	1778.5	1704.5	1677.6	1755.8	2016.0	2301.0	1833.2	1446.7
30°	2126.1	2112.7	2068.3	2009.4	1901.3	1816.7	1854.5	2031.1	2365.3	1866.9	1428.1
32.5°	2359.8	2347.1	2288.2	2215.3	2125.8	2011.8	1989.8	2105.1	2444.1	1914.1	1415.0
35°	2655.5	2635.5	2551.9	2452.4	2357.4	2242.1	2172.9	2232.8	2549.1	1986.0	1422.2
37.5°	2992.1	2965.3	2875.1	2737.7	2613.8	2484.8	2396.0	2408.4	2703.0	2082.4	1444.6
40°	3309.5	3285.0	3201.7	3072.3	2916.7	2760.1	2665.5	2637.9	2915.4	2199.8	1483.8
42.5°	3499.8	3477.8	3442.7	3387.9	3256.8	3097.1	2977.7	2918.1	3166.6	2340.2	1531.7
45°	3510.5	3491.2	3538.4	3602.0	3576.2	3469.9	3324.3	3215.2	3418.9	2472.0	1581.2
47.5°	3339.7	3326.7	3469.9	3692.2	3803.0	3847.8	3713.5	3487.4	3627.2	2566.7	1601.6
50°	2874.4	2869.6	3164.2	3572.4	3889.4	4178.9	4124.2	3740.7	3788.6	2615.6	1582.3
52.5°	2492.3	2474.8	2646.5	3189.0	3763.8	4353.1	4525.5	3989.3	3901.5	2624.9	1537.2
55°	1890.3	1874.8	2090.3	2547.4	3358.7	4291.1	4819.1	4245.7	3982.4	2601.1	1456.3
57.5°	1014.0	1004.4	1276.6	1695.5	2625.5	3919.4	4872.1	4516.9	4050.5	2538.1	1343.1
60°	394.8	393.1	495.0	822.6	1595.7	3188.6	4604.7	4679.7	4093.2	2460.7	1248.4
62.5°	238.9	244.0	260.6	369.3	704.9	1980.9	3988.2	4494.5	4121.8	2389.8	1170.3
65°	197.6	197.9	200.0	253.7	337.7	828.8	3002.4	3885.3	4051.2	2263.4	1059.4
67.5°	169.3	172.4	180.4	201.4	238.2	363.5	1728.6	3009.7	3622.0	1969.5	886.7
70°	133.5	137.7	147.7	165.6	183.8	227.5	638.8	2002.5	2767.0	1484.5	670.5
72.5°	112.6	112.2	117.4	134.6	145.9	160.1	245.8	1122.1	1608.1	708.7	331.8
75°	87.1	90.5	97.1	112.6	119.4	116.0	133.2	409.9	576.2	214.8	112.9
77.5°	68.2	70.9	76.8	91.9	98.8	82.3	76.8	146.6	185.2	77.1	50.9
80°	30.6	33.0	52.3	67.8	80.5	56.8	41.6	75.0	82.3	35.1	25.8
82.5°	5.5	9.3	30.6	35.8	41.3	36.8	21.7	38.9	40.3	14.1	8.9
85°	0.3	0.7	10.7	13.1	16.5	12.0	6.5	15.5	13.4	4.8	3.4
87.5°	0.0	0.0	0.0	0.3	0.3	1.7	2.1	2.8	2.1	1.7	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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1345.1	1345.1	1345.1	1345.1	1345.1	1345.1	1345.1	1345.1	1345.1	1345.1
2.5°	1323.4	1274.6	1227.1	1188.2	1165.5	1126.9	1101.4	1097.3	1086.6	1095.9
5°	1298.0	1210.5	1122.1	1042.9	977.9	893.9	831.2	804.7	781.7	789.6
7.5°	1285.9	1147.9	1010.2	875.0	735.9	601.7	501.8	460.2	428.5	433.0
10°	1269.7	1082.8	867.0	660.5	474.3	341.8	272.9	247.5	233.4	233.7
12.5°	1257.4	1005.1	700.8	447.8	288.8	218.2	196.9	190.7	186.6	186.9
15°	1251.2	913.5	536.6	298.4	206.5	184.8	179.7	176.9	174.2	173.8
17.5°	1240.8	811.6	392.7	217.9	180.7	173.1	168.7	165.6	162.1	161.4
20°	1225.3	696.0	287.1	184.1	169.3	163.5	157.3	153.2	149.0	148.3
22.5°	1196.8	573.8	220.6	170.4	161.1	154.5	147.0	142.2	138.0	137.3
25°	1143.8	459.2	185.9	161.8	153.9	145.9	137.7	131.1	127.4	126.7
27.5°	1076.7	360.7	168.7	153.9	144.6	137.3	128.0	121.8	118.4	117.7
30°	997.5	277.8	158.7	144.9	133.5	127.4	119.1	113.9	111.9	111.9
32.5°	912.1	222.0	154.5	136.0	123.9	117.0	110.5	108.4	107.7	107.4
35°	831.9	192.8	152.5	128.7	115.3	108.8	106.0	106.4	107.7	107.7
37.5°	760.7	183.5	151.4	123.6	107.7	101.9	103.6	106.7	105.3	105.3
40°	696.3	184.5	150.8	119.8	101.5	98.1	101.5	99.1	95.7	95.3
42.5°	647.1	193.1	149.4	116.7	97.8	95.3	94.0	90.2	89.8	90.5
45°	611.3	200.7	149.0	115.3	93.6	89.1	87.4	83.6	90.5	92.2
47.5°	569.0	200.7	149.0	110.5	86.7	85.0	82.3	78.1	85.0	86.7
50°	514.2	187.9	143.2	105.0	81.2	80.2	75.4	70.2	68.8	69.9
52.5°	445.0	164.9	128.4	97.4	75.7	73.7	67.8	64.0	63.0	63.0
55°	366.2	138.0	108.4	86.4	69.9	66.1	62.0	60.2	59.2	58.5
57.5°	*297.7*	*113.2*	*87.1*	*76.8*	*64.4*	*59.5*	*58.2*	*56.1*	*54.4*	*53.4*
60°	244.4	89.1	71.9	68.2	58.9	54.4	54.0	51.3	46.8	46.1
62.5°	188.6	65.4	60.6	59.2	53.4	49.6	48.9	43.4	36.5	35.1
65°	133.2	50.9	48.9	52.0	47.5	44.1	42.3	34.1	26.8	25.8
67.5°	93.6	42.7	38.6	45.4	41.3	36.8	35.8	28.9	22.4	21.7
70°	66.8	34.8	31.7	38.9	33.0	32.4	30.3	24.1	18.2	17.6
72.5°	47.2	26.5	24.4	33.7	22.7	27.9	24.8	18.6	13.8	13.1
75°	34.8	18.9	17.2	19.6	16.5	21.0	17.6	12.4	8.6	8.3
77.5°	25.5	12.0	10.3	9.6	9.6	13.1	9.6	5.2	3.8	3.4
80°	17.9	5.5	4.8	4.1	3.8	3.1	1.4	0.7	0.3	0.3
82.5°	10.7	2.4	2.4	1.7	1.0	0.0	0.0	0.0	0.0	0.0
85°	2.4	1.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	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


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SS

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(END OF REPORT)