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: P1198419

Luminaire Tested: GPC-SB1C-827-U-T3R-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198419
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-6)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1C-827-U-T3R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE III ROADWAY OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5450 lumens
Efficiency:	N/A
Efficacy:	100.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

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

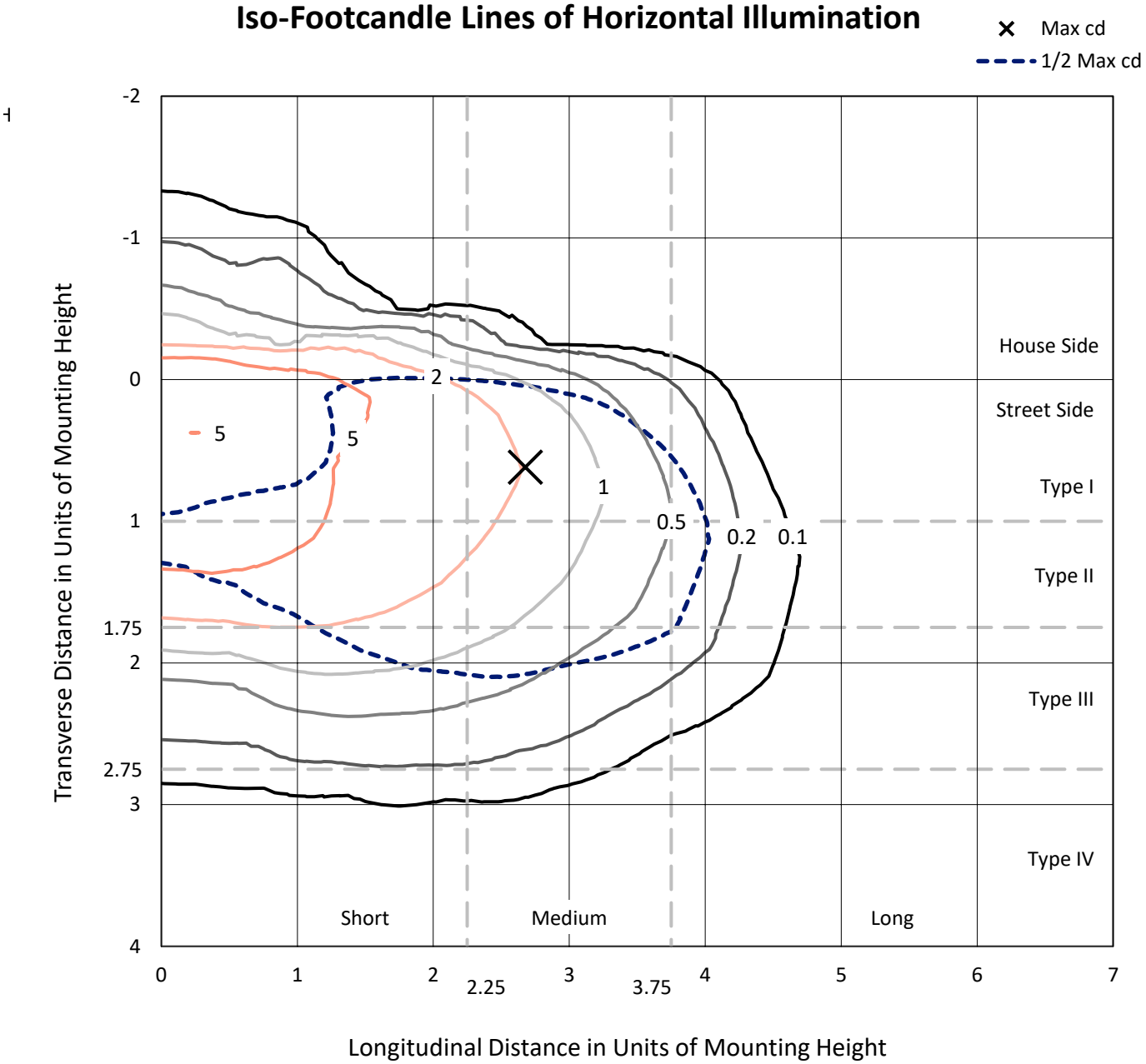


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Iso-Footcandle Lines of Horizontal Illumination



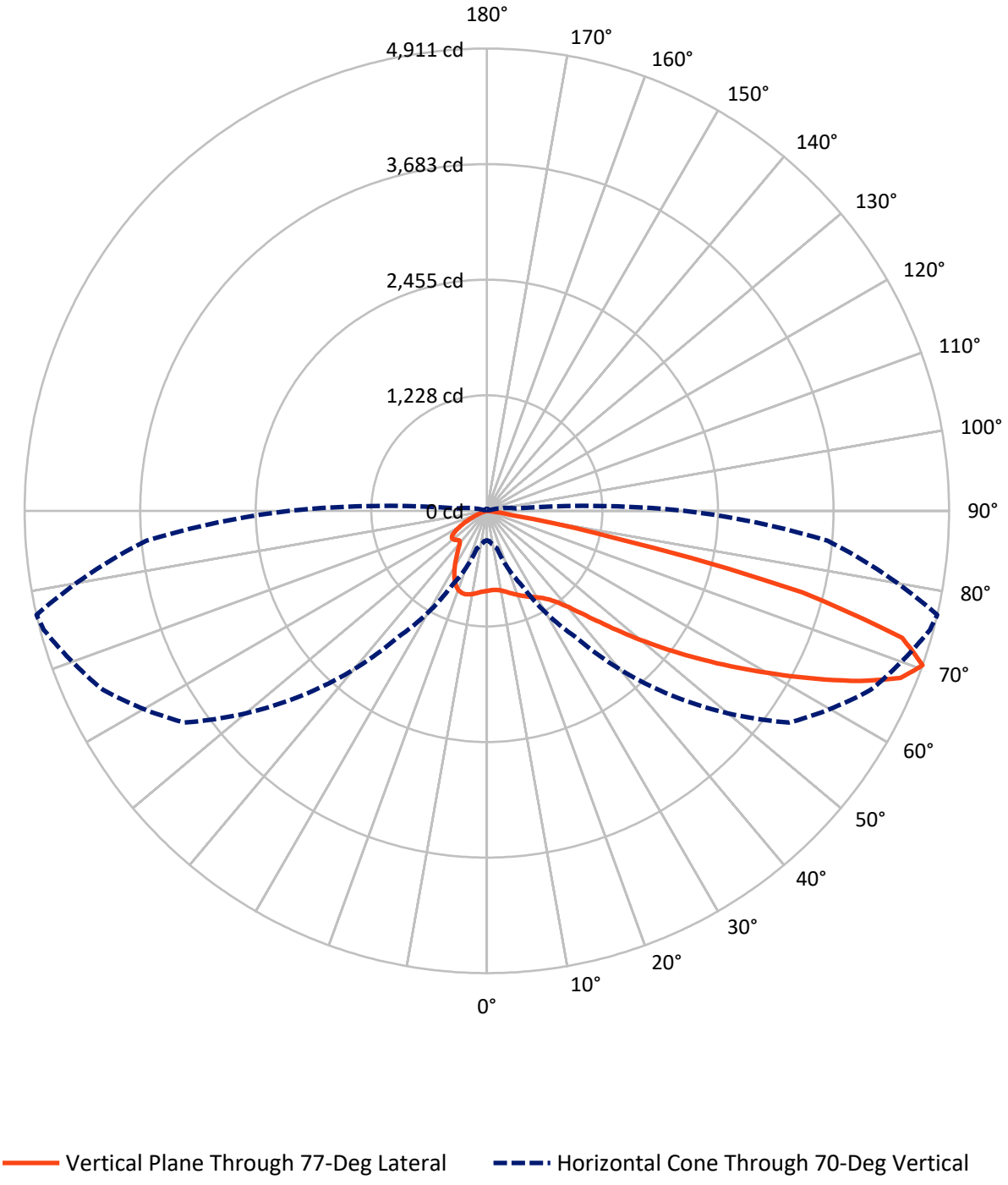
Based on 10 foot mounting height. Maximum calculated value = 10 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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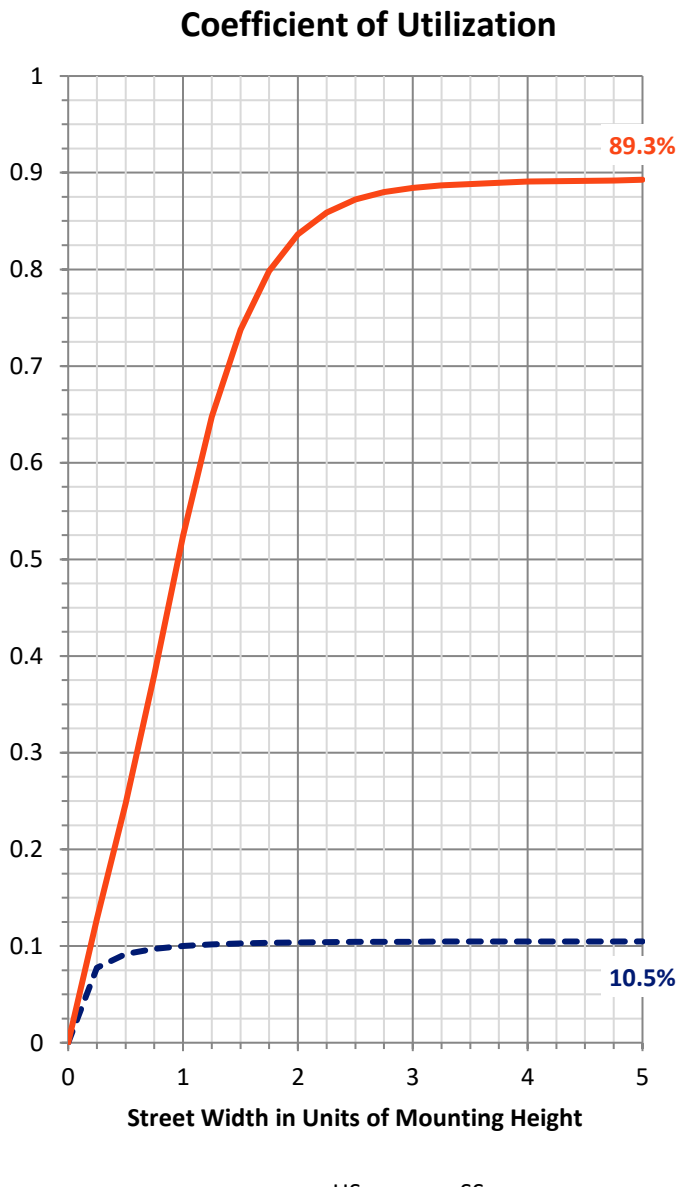
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	574.5	0.0	574.5
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	4875.5	0.0	4875.5
	% Fixture	89.5	0.0	89.5
Total	Lumens	5450.0	0.0	5450.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.3	1.3
10°-20°	173.9	3.2
20°-30°	269.0	4.9
30°-40°	488.1	9.0
40°-50°	921.4	16.9
50°-60°	1331.4	24.4
60°-70°	1417.2	26.0
70°-80°	751.0	13.8
80°-90°	24.7	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°	5450.0	100.0
0°-180°	5450.0	100.0



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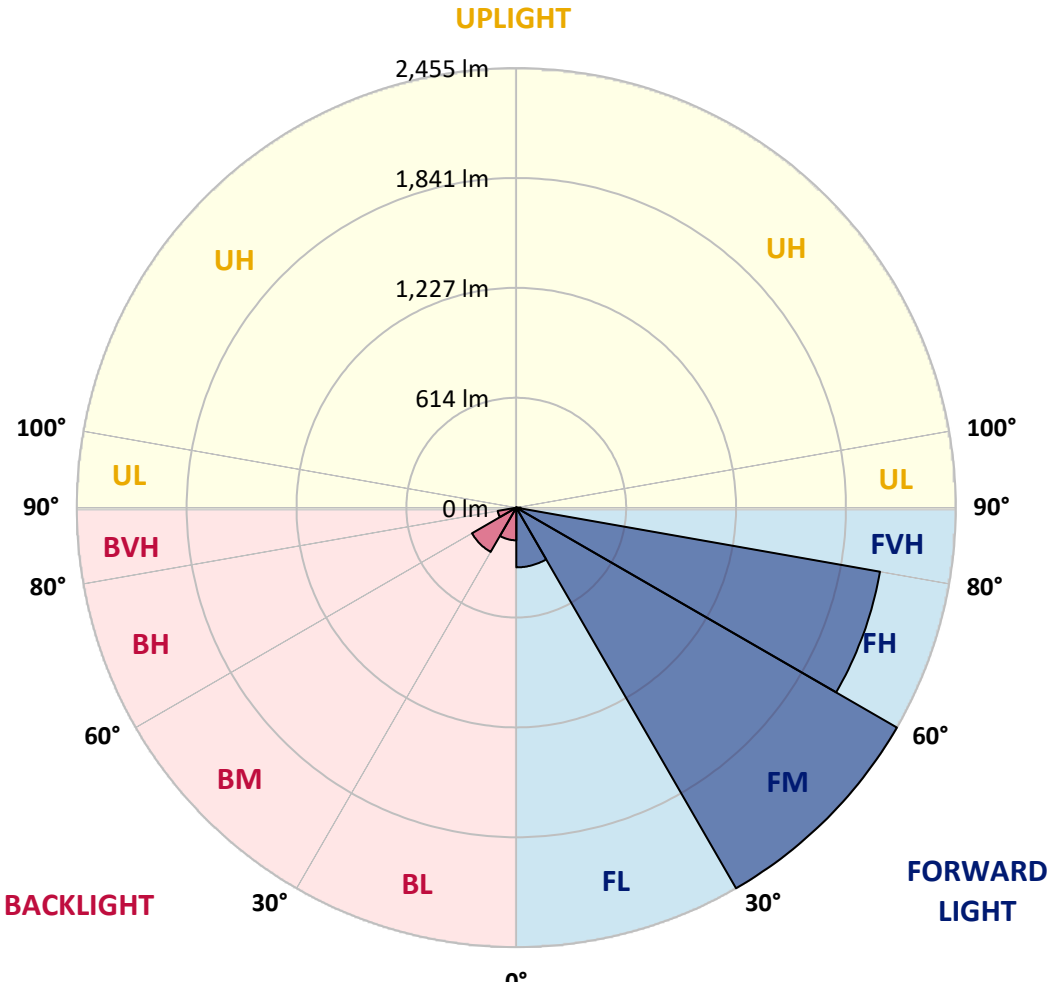
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	333.7	6.1			
FM	(30°-60°)	2454.9	45.0			
FH	(60°-80°)	2062.9	37.9			G2/5000
FVH	(80°-90°)	24.0	0.4			G1/100
BL	(0°-30°)	182.5	3.3	B1/500		
BM	(30°-60°)	286.0	5.2	B1/1000		
BH	(60°-80°)	105.3	1.9	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-G2
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	850.1	850.1	850.1	850.1	850.1	850.1	850.1	850.1	850.1	*850.1*	850.1
2.5°	798.1	805.4	804.3	809.1	810.9	817.7	824.6	833.9	844.3	*843.9*	850.8
5°	753.0	760.3	762.0	768.5	776.8	787.5	801.6	820.2	839.4	*842.5*	856.3
7.5°	699.7	707.3	711.7	724.8	740.0	762.0	785.1	812.2	844.3	*848.7*	875.2
10°	646.4	653.2	659.1	677.7	701.8	734.5	772.0	811.2	854.2	*860.8*	898.3
12.5°	613.3	619.9	626.4	642.6	672.5	712.4	763.4	816.0	870.8	*880.0*	929.6
15°	601.6	607.5	612.6	627.1	655.0	700.4	761.6	826.0	891.7	*904.1*	967.5
17.5°	603.3	606.4	609.9	620.9	648.1	694.9	764.7	843.2	916.5	*927.5*	1005.3
20°	613.3	615.0	615.4	622.9	647.0	694.2	770.9	859.7	939.9	*954.7*	1042.8
22.5°	626.0	626.7	626.0	631.2	653.6	699.4	779.2	879.7	966.1	*979.9*	1080.7
25°	685.6	672.5	656.0	646.0	664.6	709.3	791.6	906.5	994.7	*1008.1*	1117.5
27.5°	870.4	832.9	773.7	707.3	687.3	723.8	808.8	933.7	1023.6	*1035.6*	1157.1
30°	1170.5	1121.3	1020.8	871.1	760.3	754.1	831.2	960.9	1054.2	*1067.3*	1199.4
32.5°	1471.3	1459.3	1343.3	1136.1	924.4	821.5	868.3	997.8	1094.8	*1105.1*	1256.6
35°	1775.6	1751.1	1656.1	1451.4	1177.4	958.9	930.3	1045.9	1148.2	*1159.9*	1339.9
37.5°	2008.6	1993.8	1934.9	1766.3	1477.5	1170.9	1036.3	1120.6	1225.6	*1238.7*	1446.5
40°	2214.4	2207.5	2187.5	2076.4	1813.1	1448.3	1201.2	1236.3	1333.0	*1348.5*	1577.3
42.5°	2376.2	2392.3	2403.7	2372.7	2159.0	1764.9	1422.8	1398.7	1482.7	*1498.5*	1743.9
45°	2541.7	2547.2	2593.0	2637.7	2502.5	2096.0	1672.7	1589.0	1668.9	*1688.5*	1943.5
47.5°	2648.0	2670.1	2750.6	2829.4	2791.2	2424.3	1941.1	1813.8	1884.7	*1921.5*	2167.2
50°	2656.0	2697.6	2808.4	2945.8	3001.5	2736.8	2233.0	2069.8	2145.2	*2185.8*	2406.1
52.5°	2524.1	2588.9	2760.6	2961.6	3115.1	3001.5	2534.8	2325.9	2422.6	*2475.6*	2653.9
55°	1935.3	2019.9	2580.6	2875.5	3119.6	3202.2	2828.7	2592.6	2731.7	*2791.6*	2921.7
57.5°	1686.1	1728.8	2028.9	2726.2	3036.6	3283.0	3094.4	2846.6	3067.9	*3142.3*	3174.6
60°	1402.8	1458.9	1701.6	2481.8	2924.1	3291.0	3329.2	3174.3	3432.4	*3516.0*	3406.6
62.5°	953.4	1014.3	1255.5	2061.9	2770.2	3287.2	3521.6	3511.6	3837.5	*3927.3*	3603.1
65°	590.6	628.8	787.8	1683.7	2555.1	3291.3	3722.9	3921.1	4265.0	*4356.2*	3755.2
67.5°	466.7	484.2	567.2	1292.7	2184.5	3198.4	3923.9	4306.3	4667.3	*4739.6*	3801.7
70°	*313.5*	*324.2*	*412.7*	*866.6*	*1625.2*	*2769.5*	*3920.1*	*4499.7*	*4874.5*	*4910.6*	*3632.4*
72.5°	165.2	173.5	241.3	401.3	981.6	1968.7	3304.4	4268.4	4668.3	*4614.0*	3104.8
75°	82.6	96.4	162.4	203.7	419.2	1097.9	2051.9	3365.3	3674.4	*3463.7*	1992.1
77.5°	62.6	75.7	134.2	134.2	145.9	369.6	869.0	1835.5	1693.0	*1409.7*	584.7
80°	39.9	51.6	117.4	101.5	60.9	94.0	226.5	514.2	359.7	*273.6*	106.3
82.5°	23.4	33.7	97.7	67.1	34.1	34.8	64.0	109.4	93.3	*72.6*	32.7
85°	9.3	22.0	67.1	26.5	13.4	8.6	19.3	23.4	19.3	*14.5*	8.3
87.5°	0.0	5.2	11.7	0.0	1.0	0.7	1.4	1.7	1.7	*1.4*	2.8
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°	850.1	850.1	850.1	850.1	850.1	850.1	850.1	850.1	850.1	850.1	850.1
2.5°	853.9	854.6	856.6	857.0	852.2	846.0	843.6	842.5	838.4	838.1	838.7
5°	864.2	867.3	864.2	855.3	833.9	804.0	781.3	762.7	745.8	740.7	737.6
7.5°	884.9	888.0	878.7	843.6	789.9	730.3	676.6	638.8	604.7	592.0	586.8
10°	914.5	918.6	889.3	818.4	723.4	627.8	536.9	472.9	423.0	402.7	394.1
12.5°	951.6	953.4	895.2	780.2	637.1	500.4	371.7	303.2	258.8	242.3	237.1
15°	992.6	990.2	895.9	728.3	519.4	353.8	242.6	199.3	181.4	175.9	175.9
17.5°	1035.6	1025.6	882.1	653.2	390.3	242.0	180.0	169.7	166.6	165.2	164.9
20°	1077.9	1055.6	857.0	555.1	280.2	180.7	163.5	160.4	158.7	158.0	157.3
22.5°	1116.5	1078.3	814.0	441.2	203.4	159.7	154.5	151.8	148.7	147.3	147.0
25°	1154.0	1091.4	753.4	334.9	162.8	149.4	145.2	140.1	135.9	134.2	133.5
27.5°	1190.5	1099.6	677.7	247.8	145.2	139.7	132.2	124.9	121.8	121.1	120.5
30°	1229.4	1102.4	591.6	184.8	134.6	127.7	116.7	108.4	106.7	107.0	107.0
32.5°	1276.9	1106.5	504.9	151.4	125.6	113.2	100.2	91.5	90.2	91.5	91.2
35°	1333.7	1114.8	421.3	139.4	117.7	98.4	84.3	77.1	75.7	76.8	76.4
37.5°	1410.8	1128.2	343.1	137.0	111.2	86.0	70.9	65.0	65.0	65.4	65.0
40°	1513.3	1164.0	273.3	135.3	107.7	76.8	59.9	57.5	58.5	59.2	59.2
42.5°	1638.3	1240.0	226.1	133.2	103.9	72.6	54.4	53.3	55.1	55.8	55.8
45°	1778.3	1336.4	209.6	129.8	100.5	75.4	52.0	50.6	52.7	53.0	53.3
47.5°	1923.2	1430.7	207.5	126.0	97.1	79.5	51.3	48.2	50.6	50.9	51.3
50°	2069.8	1492.3	209.6	120.1	91.5	79.5	51.6	45.8	47.8	48.9	49.2
52.5°	2217.5	1520.5	208.2	107.4	81.9	74.7	51.6	43.7	45.8	46.5	46.5
55°	2360.7	1515.0	187.2	88.5	69.5	66.1	50.2	42.0	43.4	43.7	43.7
57.5°	2473.9	1438.3	148.3	68.8	56.4	55.1	45.8	39.9	41.0	40.6	40.6
60°	2533.1	1269.6	106.0	53.0	44.4	43.4	40.3	37.2	37.9	36.1	35.8
62.5°	2533.8	1046.6	70.9	42.0	35.4	34.4	34.4	33.4	32.7	29.3	28.2
65°	2479.7	799.2	47.2	33.4	28.6	26.8	28.9	28.6	26.2	21.3	20.7
67.5°	2357.2	523.8	35.8	26.2	22.0	21.0	23.1	24.1	22.4	17.9	17.6
70°	*2105.3*	*304.9*	*29.6*	*20.3*	*16.5*	*15.5*	*18.6*	*20.7*	*18.6*	*14.5*	*13.8*
72.5°	1748.7	164.5	24.1	15.1	11.4	10.3	14.8	16.9	14.8	10.7	10.3
75°	1134.7	88.1	18.6	10.0	5.9	6.5	11.0	12.4	10.3	6.9	6.2
77.5°	381.0	38.9	11.7	4.8	2.8	2.8	6.5	7.6	4.8	2.4	2.1
80°	85.0	16.2	4.8	2.1	1.0	1.0	1.4	1.4	0.7	0.0	0.0
82.5°	27.9	6.5	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	10.7	2.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	0.3	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)