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: P1197454

Luminaire Tested: GPC-SB1A-827-U-SL3-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197454
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-13)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-827-U-SL3-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE III SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3158 lumens
Efficiency:	N/A
Efficacy:	102.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - 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

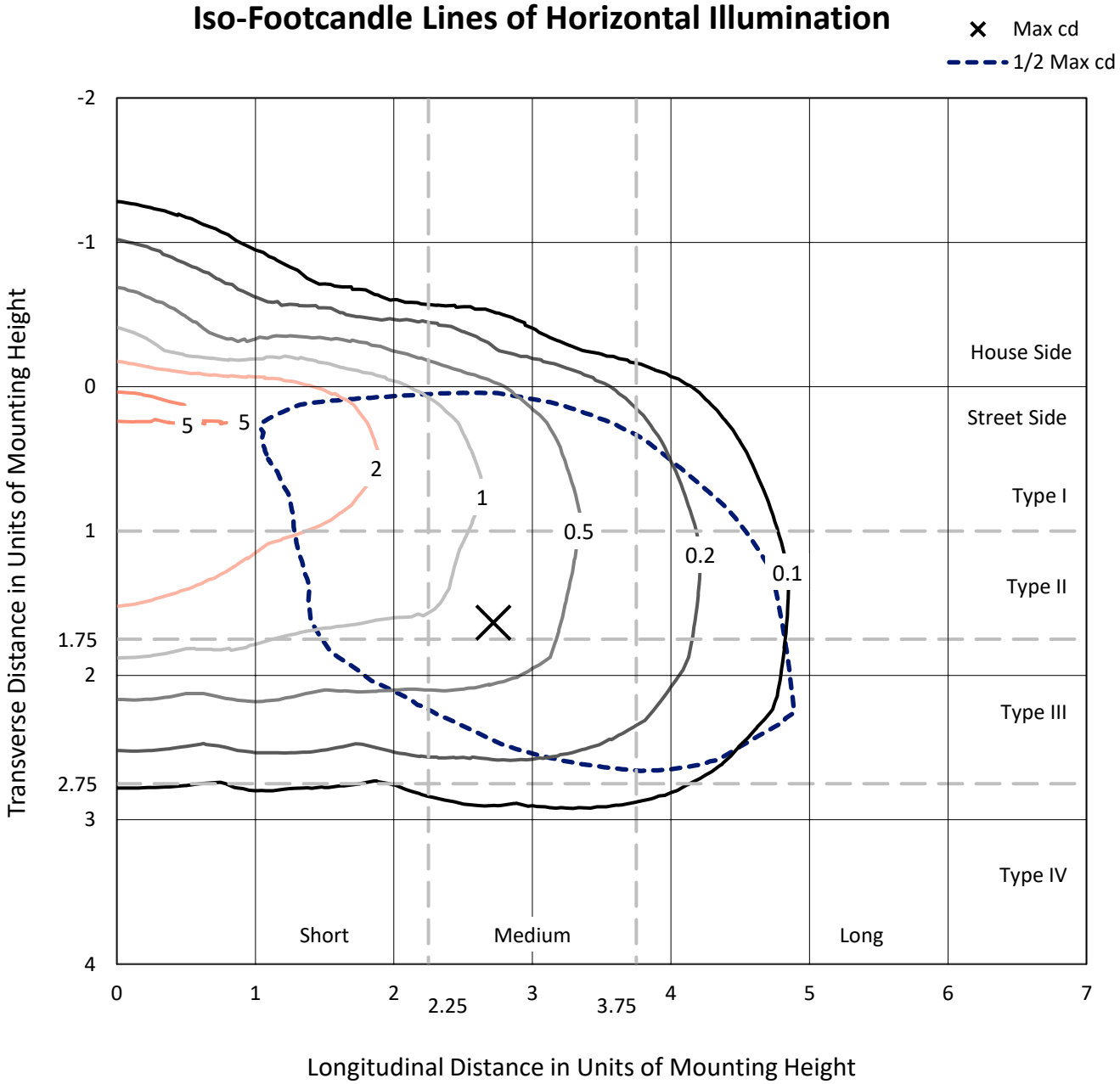


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Iso-Footcandle Lines of Horizontal Illumination



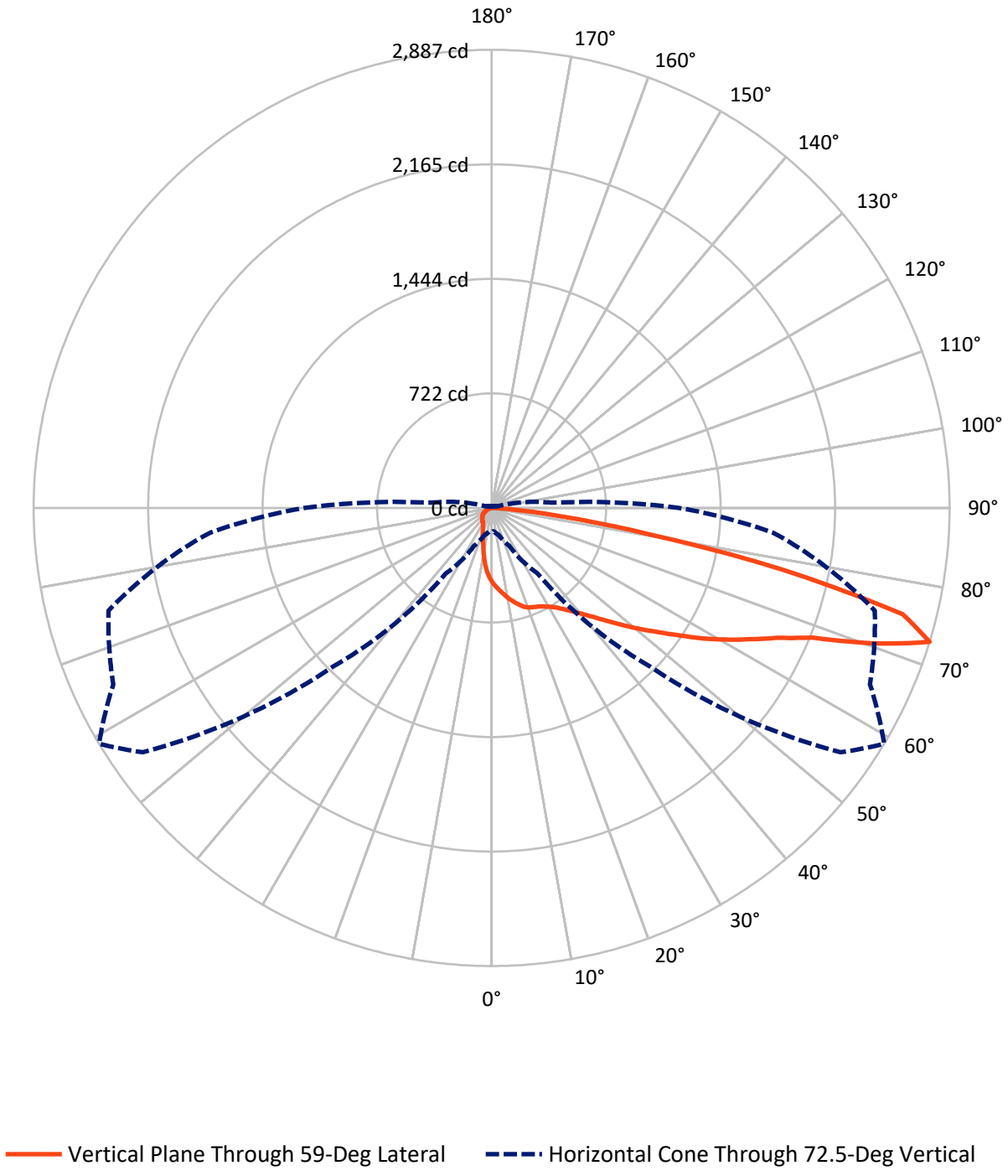
Based on 10 foot mounting height. Maximum calculated value = 5.8 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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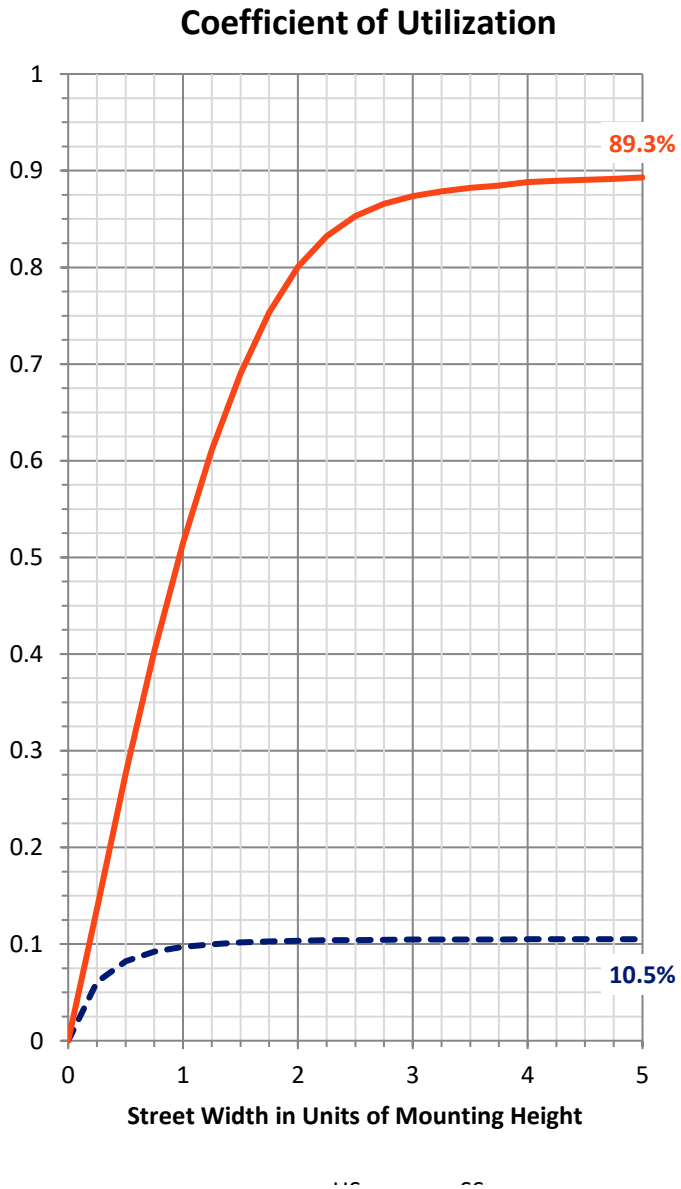
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	333.5	0.0	333.5
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	2824.5	0.0	2824.5
	% Fixture	89.4	0.0	89.4
Total	Lumens	3158.0	0.0	3158.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.3	1.3
10°-20°	112.2	3.6
20°-30°	177.9	5.6
30°-40°	285.4	9.0
40°-50°	455.9	14.4
50°-60°	660.1	20.9
60°-70°	783.3	24.8
70°-80°	581.5	18.4
80°-90°	59.5	1.9
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°	3158.0	100.0
0°-180°	3158.0	100.0



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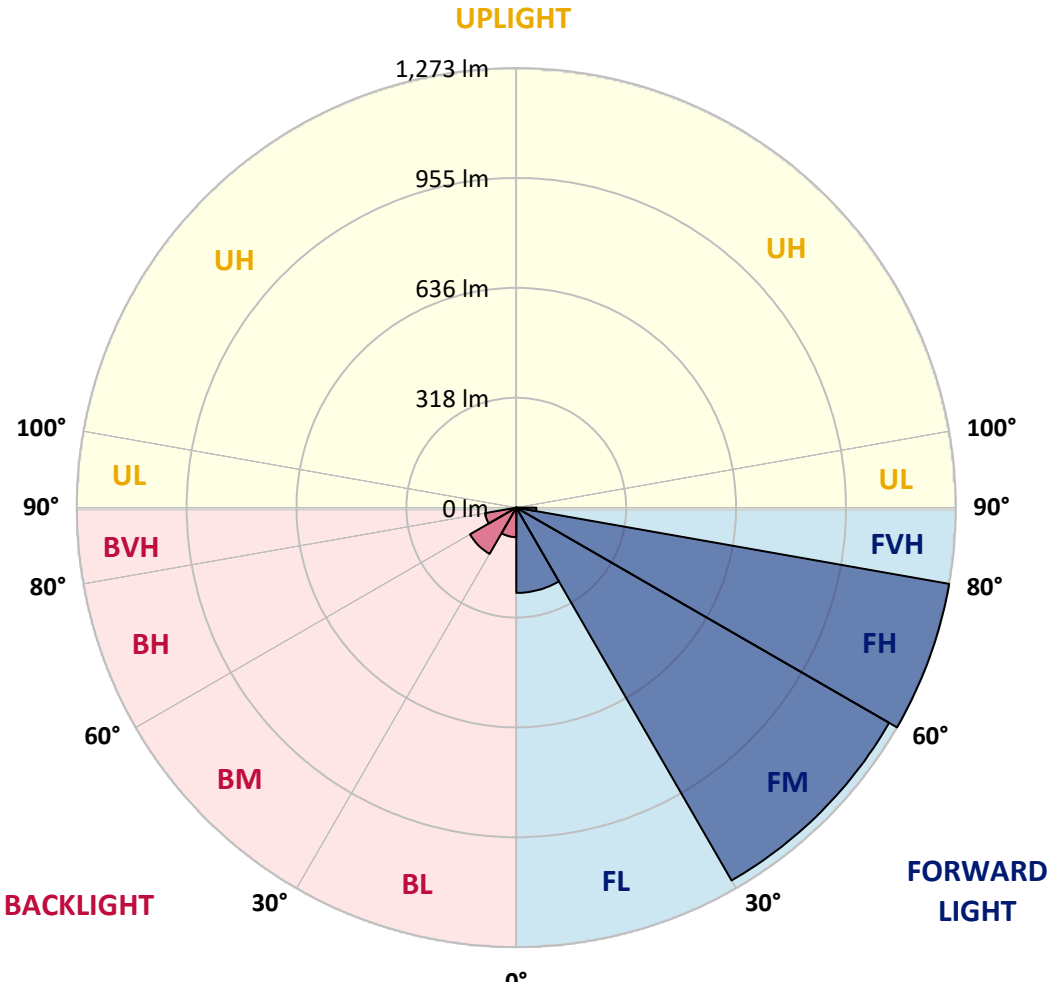
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	246.9	7.8			
FM	(30°-60°)	1246.7	39.5			
FH	(60°-80°)	1272.9	40.3			G1/1800
FVH	(80°-90°)	58.0	1.8			G1/100
BL	(0°-30°)	85.4	2.7	B0/110		
BM	(30°-60°)	154.6	4.9	B0/220		
BH	(60°-80°)	92.0	2.9	B0/110		G0/110
BVH	(80°-90°)	1.5	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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	467.0	467.0	467.0	467.0	467.0	467.0	467.0	*467.0*	467.0	467.0	467.0
2.5°	518.1	515.2	515.7	510.7	507.2	503.5	496.3	*495.2*	490.1	481.0	471.7
5°	563.3	561.4	559.8	554.2	547.0	537.9	525.8	*521.4*	511.9	496.3	478.1
7.5°	596.3	594.0	594.8	589.3	583.5	573.4	556.7	*548.6*	536.1	512.1	484.7
10°	602.7	601.4	606.8	608.8	608.8	602.5	586.2	*578.1*	559.8	529.3	491.5
12.5°	566.8	567.0	580.4	596.5	617.5	623.5	612.6	*603.9*	585.8	547.4	500.2
15°	524.9	525.1	538.1	558.7	593.2	627.6	636.3	*630.7*	611.9	567.0	510.3
17.5°	499.8	498.7	507.4	524.3	560.4	608.8	650.7	*654.4*	639.2	588.6	521.4
20°	496.3	494.4	499.0	507.4	533.2	585.3	652.3	*669.9*	667.2	613.2	534.2
22.5°	517.7	514.8	512.4	512.8	523.7	565.8	648.2	*678.5*	696.1	642.7	551.7
25°	560.2	555.6	547.6	537.3	535.0	561.6	645.3	*688.0*	722.9	680.4	574.8
27.5°	612.1	605.8	590.3	574.8	561.6	573.2	651.3	*703.1*	753.2	724.3	601.6
30°	669.3	661.4	646.0	616.7	595.6	598.9	665.5	*722.9*	791.9	774.0	635.2
32.5°	753.2	735.0	708.0	663.3	635.4	626.8	687.0	*748.0*	840.0	840.2	683.9
35°	825.1	815.0	787.8	732.1	675.0	663.7	715.2	*783.5*	906.6	927.8	751.9
37.5°	872.3	858.5	834.6	792.8	736.5	701.6	753.0	*827.0*	977.1	1027.6	835.8
40°	925.1	911.5	879.8	840.4	807.8	766.8	800.6	*877.1*	1054.4	1130.1	931.7
42.5°	988.8	971.1	933.6	891.1	857.1	852.5	862.9	*939.6*	1133.8	1241.4	1031.5
45°	1063.7	1047.0	1003.9	950.3	920.4	912.3	941.2	*1012.3*	1222.2	1363.5	1132.3
47.5°	1133.8	1114.4	1068.0	1019.1	985.9	960.6	1024.5	*1098.3*	1322.4	1491.1	1227.6
50°	1193.4	1173.6	1131.1	1078.9	1056.5	1023.3	1106.4	*1194.2*	1421.8	1620.8	1314.6
52.5°	1234.2	1216.7	1166.8	1131.3	1116.0	1099.3	1202.2	*1295.8*	1520.8	1739.5	1400.6
55°	1224.9	1209.2	1165.3	1162.8	1161.8	1179.3	1316.9	*1411.1*	1621.6	1851.9	1486.1
57.5°	1195.4	1177.7	1122.8	1160.6	1197.1	1250.7	1441.0	*1547.4*	1732.1	1957.9	1568.6
60°	1108.6	1102.4	1069.0	1156.2	1211.9	1320.6	1582.8	*1684.3*	1851.7	2051.1	1641.8
62.5°	924.9	930.3	930.1	1165.3	1238.7	1400.2	1711.7	*1822.8*	1968.6	2140.7	1706.9
65°	692.6	711.1	734.8	1083.7	1274.6	1542.2	1865.7	*1973.1*	2087.3	2245.1	1773.1
67.5°	465.3	480.2	496.3	889.0	1167.8	1691.5	2121.6	*2179.1*	2229.6	2360.7	1847.6
70°	266.4	271.1	293.6	555.2	900.2	1650.2	2538.3	*2559.1*	2441.8	2503.2	1901.8
72.5°	*149.3*	*147.6*	*177.3*	*263.5*	*503.1*	*1413.1*	*2684.2*	*2887.3*	*2631.7*	*2500.9*	*1780.8*
75°	99.8	100.0	122.1	166.2	196.1	989.2	2313.1	*2677.2*	2517.8	2217.6	1455.0
77.5°	68.0	70.3	89.7	128.4	90.7	482.7	1530.3	*1875.4*	2038.5	1712.5	1004.5
80°	29.5	29.7	59.2	92.2	61.2	153.6	793.4	*1004.7*	1278.5	961.6	397.9
82.5°	15.3	17.3	37.7	59.6	38.6	53.8	374.8	*439.0*	536.5	282.3	81.6
85°	5.4	6.4	23.3	29.3	19.4	19.2	130.5	*133.0*	113.6	42.5	22.5
87.5°	0.0	1.0	9.1	7.2	2.5	2.3	15.5	*13.0*	10.3	6.0	7.4
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°	467.0	467.0	467.0	467.0	467.0	467.0	467.0	467.0	467.0	467.0	467.0
2.5°	467.4	461.8	452.8	441.6	428.6	421.6	411.5	405.3	399.8	400.0	404.5
5°	468.0	458.7	435.7	411.1	383.9	363.9	341.6	326.0	314.0	311.1	315.5
7.5°	469.9	454.2	416.5	375.7	330.3	296.7	266.0	246.6	235.7	232.8	235.7
10°	472.4	449.3	394.8	332.4	276.1	235.7	210.1	197.7	192.8	189.1	191.3
12.5°	474.4	444.1	367.6	287.6	227.8	196.3	176.9	166.6	162.3	159.6	161.0
15°	477.9	437.3	338.1	246.0	195.3	169.5	151.1	143.5	142.3	142.7	143.3
17.5°	481.4	430.7	305.1	213.4	171.3	146.0	134.8	133.6	135.3	136.9	137.5
20°	485.3	421.2	271.7	188.9	149.3	129.7	126.8	127.6	128.4	131.3	132.2
22.5°	491.1	409.3	242.5	168.0	130.9	121.9	120.4	121.0	121.6	124.5	125.4
25°	499.4	396.5	218.8	148.9	119.4	115.5	114.0	114.0	114.8	117.5	118.6
27.5°	508.0	378.3	199.6	131.1	112.6	108.4	106.0	106.0	107.0	110.1	111.3
30°	517.7	361.8	184.5	117.9	106.8	101.4	98.1	97.3	98.6	102.5	103.5
32.5°	535.2	351.1	173.8	111.7	101.6	95.0	90.5	88.2	89.5	94.0	95.3
35°	561.8	348.6	166.4	108.7	96.7	89.3	82.9	79.4	80.4	85.2	86.6
37.5°	593.0	353.8	159.2	104.5	92.0	83.7	75.3	70.7	72.4	76.7	77.9
40°	637.7	375.2	153.6	101.4	87.2	77.1	67.6	63.1	65.8	69.5	70.1
42.5°	691.7	413.4	152.2	98.6	81.4	70.1	60.6	57.3	59.4	62.9	63.5
45°	758.7	462.0	158.8	94.8	75.0	63.3	55.0	53.2	53.8	57.3	59.0
47.5°	830.7	511.9	176.9	91.5	69.5	57.7	50.7	49.1	48.7	52.0	54.0
50°	903.5	556.3	198.3	89.1	65.6	53.2	47.4	45.4	44.3	46.4	47.2
52.5°	975.4	591.5	212.4	84.9	61.6	48.7	44.5	41.4	39.6	40.6	41.4
55°	1048.4	622.5	213.2	78.8	57.9	45.8	41.6	38.1	35.9	35.9	36.3
57.5°	1116.7	649.7	201.0	70.5	52.8	43.1	37.7	34.8	32.4	31.5	31.8
60°	1177.1	669.9	180.8	61.2	48.2	39.6	33.8	31.5	28.5	26.8	26.4
62.5°	1230.9	679.8	153.2	51.8	42.7	35.5	30.1	27.6	23.5	21.4	21.2
65°	1276.4	669.7	124.3	42.9	37.9	30.9	25.8	23.3	18.8	16.3	16.3
67.5°	1321.6	623.5	94.0	36.1	33.0	26.0	21.2	19.0	15.7	13.6	13.6
70°	1327.4	526.4	65.8	30.3	27.4	20.0	17.1	15.7	12.8	10.9	10.7
72.5°	*1181.6*	*378.7*	*40.0*	*24.7*	*21.4*	*14.2*	*13.6*	*12.4*	*9.5*	*8.2*	*8.0*
75°	944.5	232.2	23.5	18.6	14.2	10.1	10.1	8.9	6.4	5.4	5.4
77.5°	652.8	121.4	13.8	12.0	8.5	6.0	6.6	5.4	3.1	2.5	2.5
80°	261.4	46.2	7.4	5.6	3.9	2.7	2.3	1.2	0.6	0.4	0.6
82.5°	52.2	12.2	2.5	1.4	1.4	0.6	0.0	0.0	0.0	0.0	0.0
85°	13.4	2.7	0.6	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	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)