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: P1197466

Luminaire Tested: GPC-SB1A-827-U-T3-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197466
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-6)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-827-U-T3-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE III OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3075 lumens
Efficiency:	N/A
Efficacy:	99.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - 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

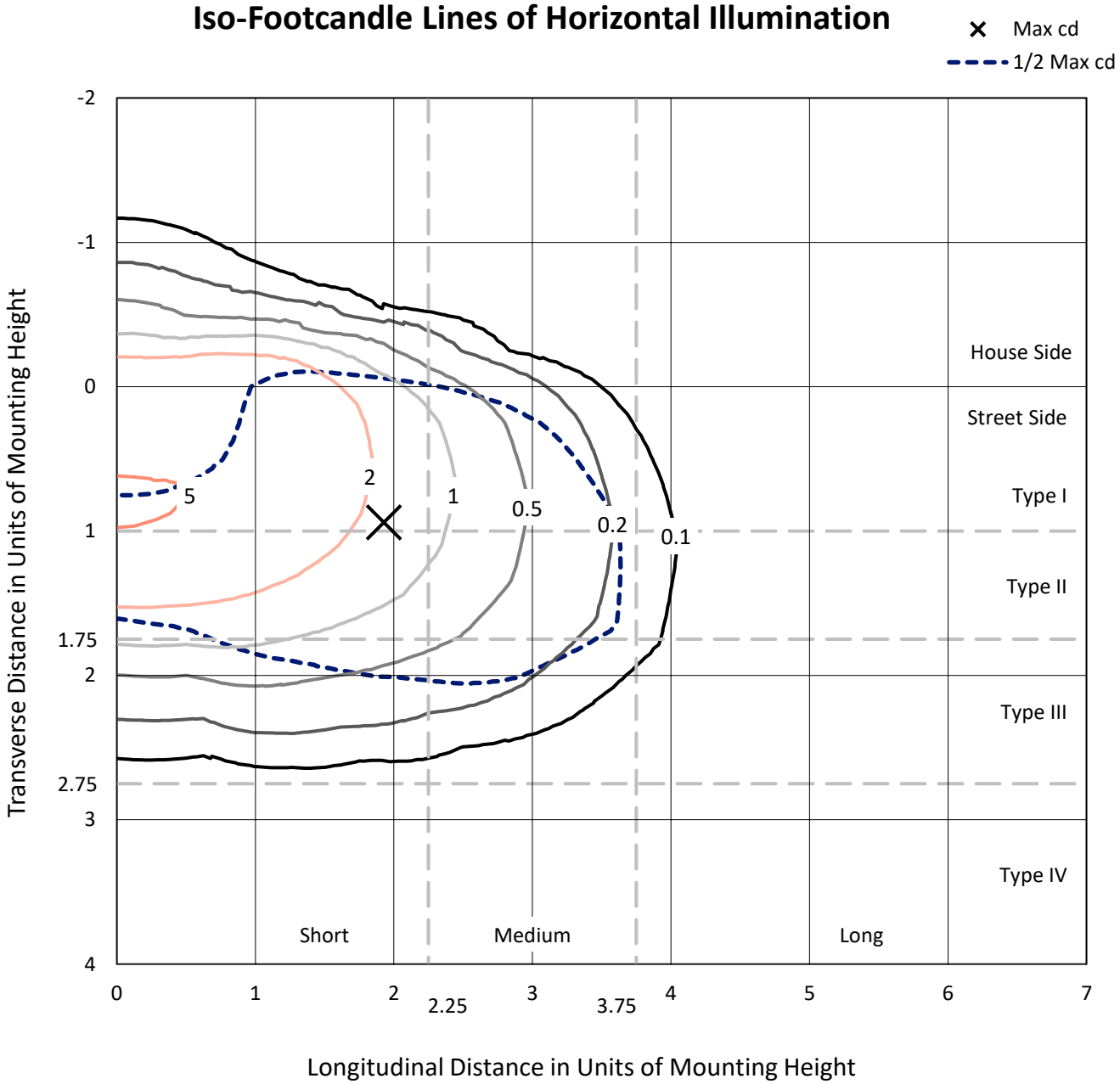


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Iso-Footcandle Lines of Horizontal Illumination



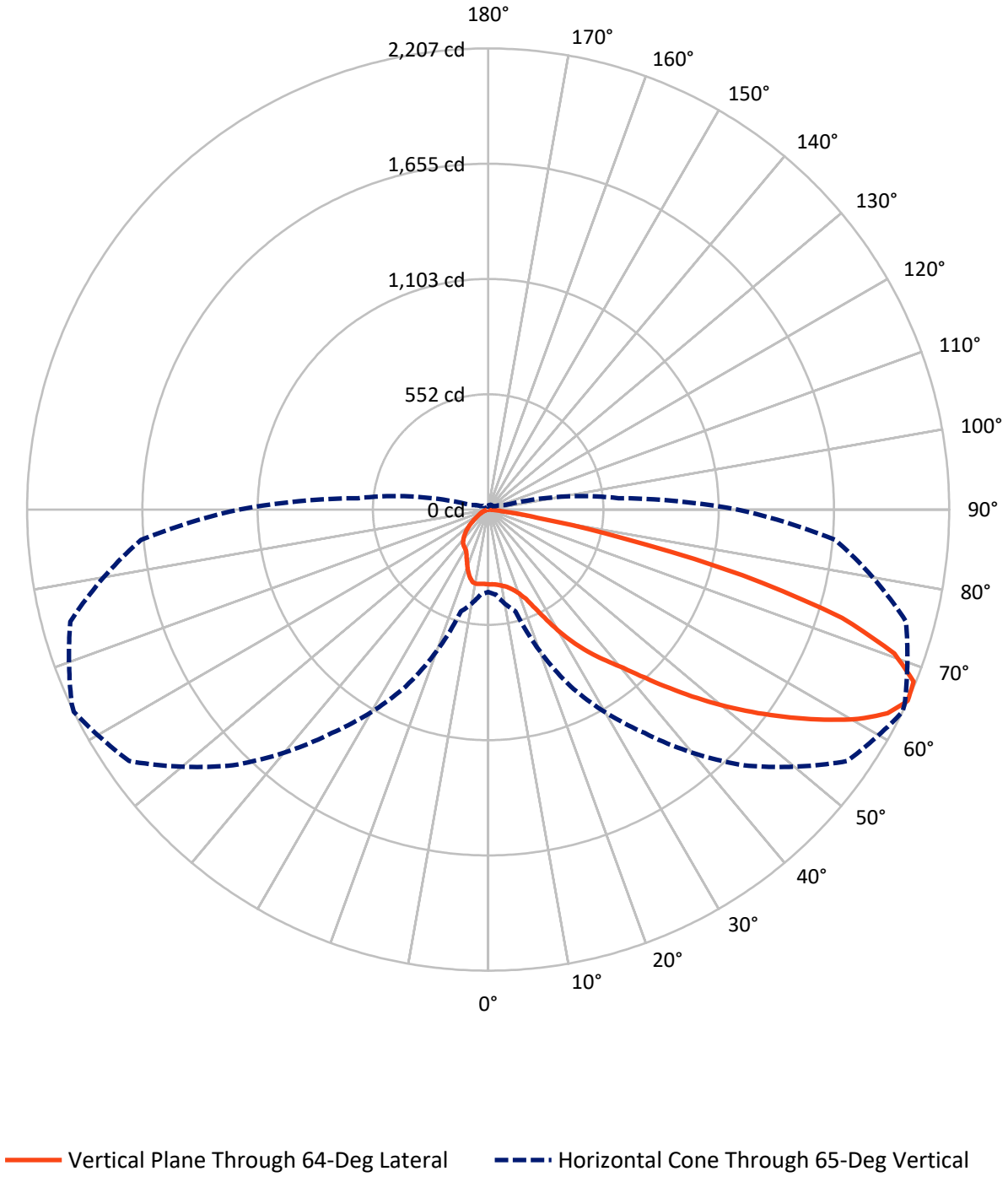
Based on 10 foot mounting height. Maximum calculated value = 5.6 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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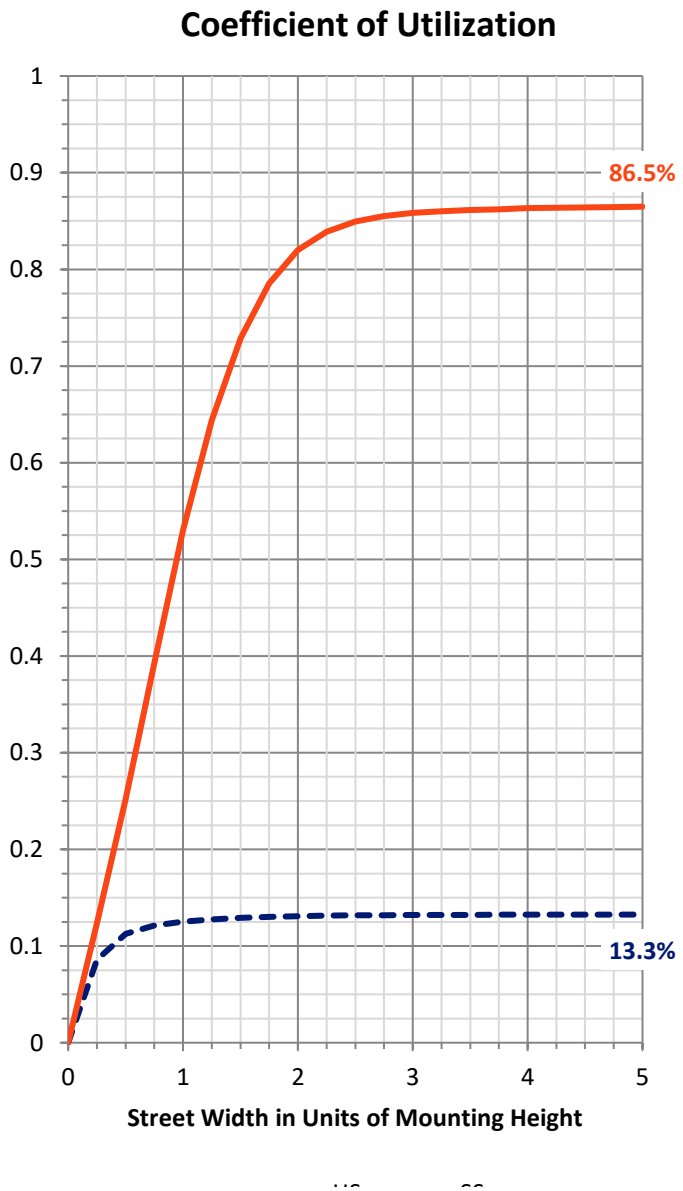
REPORT NUMBER: P1197466
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	411.2	0.0	411.2
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	2663.8	0.0	2663.8
	% Fixture	86.6	0.0	86.6
Total	Lumens	3075.0	0.0	3075.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.0	1.1
10°-20°	89.5	2.9
20°-30°	169.6	5.5
30°-40°	343.2	11.2
40°-50°	584.6	19.0
50°-60°	795.0	25.9
60°-70°	746.6	24.3
70°-80°	299.1	9.7
80°-90°	14.5	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°	3075.0	100.0
0°-180°	3075.0	100.0



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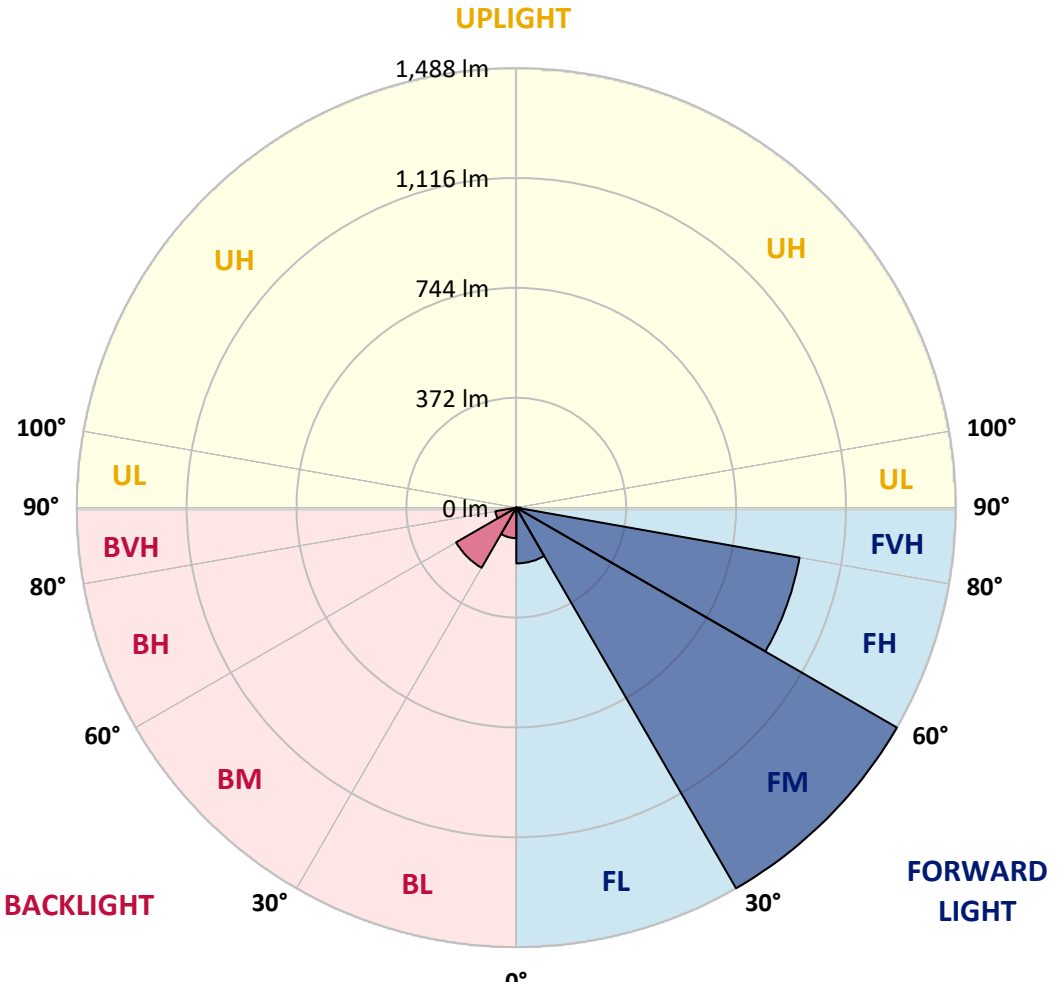
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	188.8	6.1			
FM	(30°-60°)	1487.7	48.4			
FH	(60°-80°)	973.5	31.7			G1/1800
FVH	(80°-90°)	13.8	0.4			G1/100
BL	(0°-30°)	103.2	3.4	B0/110		
BM	(30°-60°)	235.1	7.6	B1/1000		
BH	(60°-80°)	72.2	2.3	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	357.7	357.7	357.7	357.7	357.7	357.7	357.7	*357.7*	357.7	357.7	357.7
2.5°	356.4	358.9	358.3	357.7	357.4	357.9	358.1	*357.9*	357.9	357.9	358.1
5°	349.6	351.7	351.7	353.1	355.2	357.7	359.5	*359.9*	360.3	361.0	360.7
7.5°	336.6	338.3	339.5	344.3	349.4	356.0	361.6	*364.5*	364.9	367.1	368.0
10°	327.8	329.8	331.9	336.8	344.3	354.2	363.6	*370.6*	371.7	377.0	379.5
12.5°	327.4	329.4	332.1	337.5	346.1	356.6	368.2	*378.3*	380.1	388.0	393.1
15°	331.7	334.2	336.6	343.2	352.5	365.3	377.7	*390.2*	392.1	403.2	408.8
17.5°	340.5	343.8	345.7	352.3	362.2	376.4	392.7	*407.1*	408.8	421.8	428.8
20°	358.1	362.0	362.6	368.0	377.7	392.9	412.3	*430.2*	432.3	447.1	455.0
22.5°	394.3	399.9	395.0	397.6	406.3	421.6	442.6	*465.3*	468.1	485.0	492.1
25°	458.3	466.1	453.3	448.8	452.5	468.4	494.7	*523.4*	526.7	540.3	543.8
27.5°	583.8	573.7	554.3	535.3	524.2	533.3	563.0	*598.4*	602.5	615.7	611.6
30°	721.7	712.8	686.7	644.6	618.2	616.8	644.2	*683.8*	688.5	701.1	688.5
32.5°	859.8	851.4	822.9	771.2	725.4	702.7	721.7	*765.6*	768.1	776.1	757.6
35°	995.7	987.0	958.6	905.6	849.3	797.8	794.1	*843.5*	844.4	852.8	825.2
37.5°	1132.3	1125.1	1094.8	1042.9	987.4	916.3	881.9	*917.3*	918.4	926.6	897.9
40°	1229.8	1232.9	1212.1	1171.9	1124.3	1046.6	980.4	*995.9*	989.7	1003.5	986.4
42.5°	1313.5	1319.7	1301.6	1281.4	1253.7	1185.3	1102.4	*1099.8*	1089.9	1097.3	1079.6
45°	1385.9	1391.0	1374.8	1370.0	1369.4	1321.4	1235.8	*1219.7*	1205.9	1204.5	1183.2
47.5°	1412.5	1422.4	1429.4	1445.3	1476.2	1456.0	1373.7	*1348.8*	1333.3	1322.0	1288.4
50°	1422.6	1433.1	1457.0	1503.2	1576.4	1585.0	1511.0	*1483.0*	1464.0	1443.4	1393.9
52.5°	1409.0	1427.7	1459.9	1537.6	1643.8	1688.5	1642.7	*1618.2*	1596.6	1563.0	1489.6
55°	1328.8	1347.5	1413.3	1537.2	1677.4	1761.1	1767.2	*1756.3*	1732.0	1679.0	1566.9
57.5°	1159.7	1187.6	1291.7	1484.8	1676.7	1823.5	1889.3	*1897.1*	1869.9	1794.0	1627.7
60°	925.6	963.3	1090.3	1368.8	1625.0	1857.3	1996.3	*2035.4*	2006.6	1907.4	1677.0
62.5°	645.8	689.5	809.7	1187.0	1506.7	1833.0	2074.4	*2146.8*	2124.9	2008.8	1695.9
65°	*393.9*	*408.0*	*504.8*	*934.0*	*1305.5*	*1731.2*	*2098.5*	*2206.9*	*2199.7*	*2070.9*	*1667.9*
67.5°	262.4	274.2	302.0	640.5	1013.4	1527.7	2040.8	*2196.4*	2198.5	2060.8	1565.2
70°	158.1	168.2	186.4	372.5	656.8	1209.2	1862.1	*2062.4*	2074.4	1925.8	1370.6
72.5°	65.1	71.9	88.4	168.8	340.1	767.5	1482.8	*1770.8*	1798.6	1619.2	1051.9
75°	36.9	40.4	51.9	84.7	147.6	357.7	898.2	*1257.0*	1298.1	1116.0	632.9
77.5°	24.5	26.2	33.6	54.8	83.1	122.0	383.8	*654.9*	733.2	609.6	274.0
80°	16.5	17.9	23.1	36.7	54.0	52.4	122.2	*242.6*	298.5	209.4	66.8
82.5°	11.1	11.3	16.5	24.1	34.2	25.4	36.1	*75.4*	94.8	60.6	25.4
85°	6.4	6.2	12.2	14.0	15.3	10.5	10.9	*22.7*	29.7	25.6	14.4
87.5°	0.8	1.2	4.7	3.7	2.1	2.3	2.3	*3.9*	5.8	6.2	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	357.7	357.7	357.7	357.7	357.7	357.7	357.7	357.7	357.7	357.7	357.7
2.5°	358.1	357.9	357.2	356.6	355.2	354.4	354.8	354.4	354.2	354.4	355.2
5°	360.7	360.1	358.5	356.4	353.5	350.0	347.8	344.5	341.4	339.5	339.9
7.5°	368.0	367.3	365.1	359.3	350.0	335.4	322.0	310.2	301.4	296.2	296.4
10°	379.5	378.5	375.0	362.2	337.9	305.9	279.3	257.3	242.8	236.0	235.4
12.5°	393.1	391.9	385.7	359.5	314.8	264.9	228.2	203.7	190.3	184.3	183.7
15°	409.2	407.5	395.4	346.7	281.2	219.5	185.9	167.6	158.9	153.6	153.8
17.5°	429.2	426.3	402.6	327.6	244.7	184.9	160.0	146.2	138.5	133.4	133.0
20°	455.2	450.4	408.4	304.7	211.1	163.1	142.4	130.9	125.1	120.6	119.8
22.5°	491.4	484.6	415.4	279.9	187.4	148.0	129.5	121.0	116.3	111.1	110.3
25°	536.4	528.3	424.0	257.1	171.1	135.0	120.0	113.0	107.4	101.4	100.8
27.5°	599.3	584.8	434.3	238.3	157.1	123.9	111.3	103.5	97.1	92.1	91.1
30°	669.3	645.6	443.4	227.0	144.3	113.6	100.0	92.1	86.2	82.7	82.0
32.5°	735.7	703.6	449.4	222.0	132.8	101.8	87.6	79.2	74.6	73.6	74.2
35°	798.4	755.9	448.8	217.3	122.4	90.1	75.4	66.8	63.3	63.9	63.9
37.5°	870.5	811.8	444.4	209.9	114.0	79.4	64.9	57.3	54.2	54.4	55.2
40°	954.4	876.3	441.8	195.8	104.7	69.5	56.3	50.1	47.8	47.0	46.8
42.5°	1043.9	938.8	442.2	180.0	93.2	60.6	50.3	45.1	43.1	42.5	42.3
45°	1133.8	998.3	442.8	163.5	81.0	53.8	46.0	41.6	40.4	39.6	39.6
47.5°	1218.3	1049.1	431.2	145.7	69.1	48.6	42.5	39.6	38.5	37.5	37.5
50°	1297.0	1082.9	403.4	125.1	59.6	44.5	39.8	37.7	36.7	35.7	35.7
52.5°	1358.3	1088.2	357.4	103.9	53.0	41.4	38.1	36.3	35.0	34.0	33.8
55°	1385.5	1054.6	292.1	84.1	47.8	38.8	36.5	34.6	33.2	32.2	32.0
57.5°	1378.5	983.9	227.8	67.6	42.9	36.1	34.4	33.2	31.5	29.9	29.7
60°	1344.0	889.3	171.7	56.3	38.3	33.2	32.2	31.1	28.9	26.4	26.0
62.5°	1284.5	770.3	122.4	46.6	33.4	29.9	29.5	28.7	25.4	20.8	20.4
65°	*1193.3*	*625.8*	*82.5*	*38.8*	*28.7*	*26.2*	*26.4*	*24.9*	*20.6*	*15.5*	*15.0*
67.5°	1060.2	457.6	52.8	31.7	23.9	21.9	22.1	21.2	17.5	13.2	12.6
70°	890.5	303.0	34.4	24.1	19.2	16.9	18.1	18.3	14.8	10.7	10.3
72.5°	652.8	178.9	24.1	17.9	14.0	11.8	14.8	15.3	12.0	8.0	7.6
75°	372.1	84.9	18.1	13.0	8.7	8.2	11.5	11.5	8.2	5.4	4.9
77.5°	156.3	35.5	12.8	8.5	4.9	4.7	7.8	7.2	4.1	2.5	2.5
80°	45.1	15.9	6.8	4.1	2.1	1.9	3.1	2.3	1.0	0.4	0.4
82.5°	17.7	7.0	2.7	1.6	0.8	0.8	0.4	0.0	0.0	0.0	0.0
85°	10.5	2.9	1.2	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	0.6	0.4	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)