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: P1197360

Luminaire Tested: GPC-SB1A-735-U-T4W-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197360
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-2)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-735-U-T4W-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV WIDE OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3473 lumens
Efficiency:	N/A
Efficacy:	112.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
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

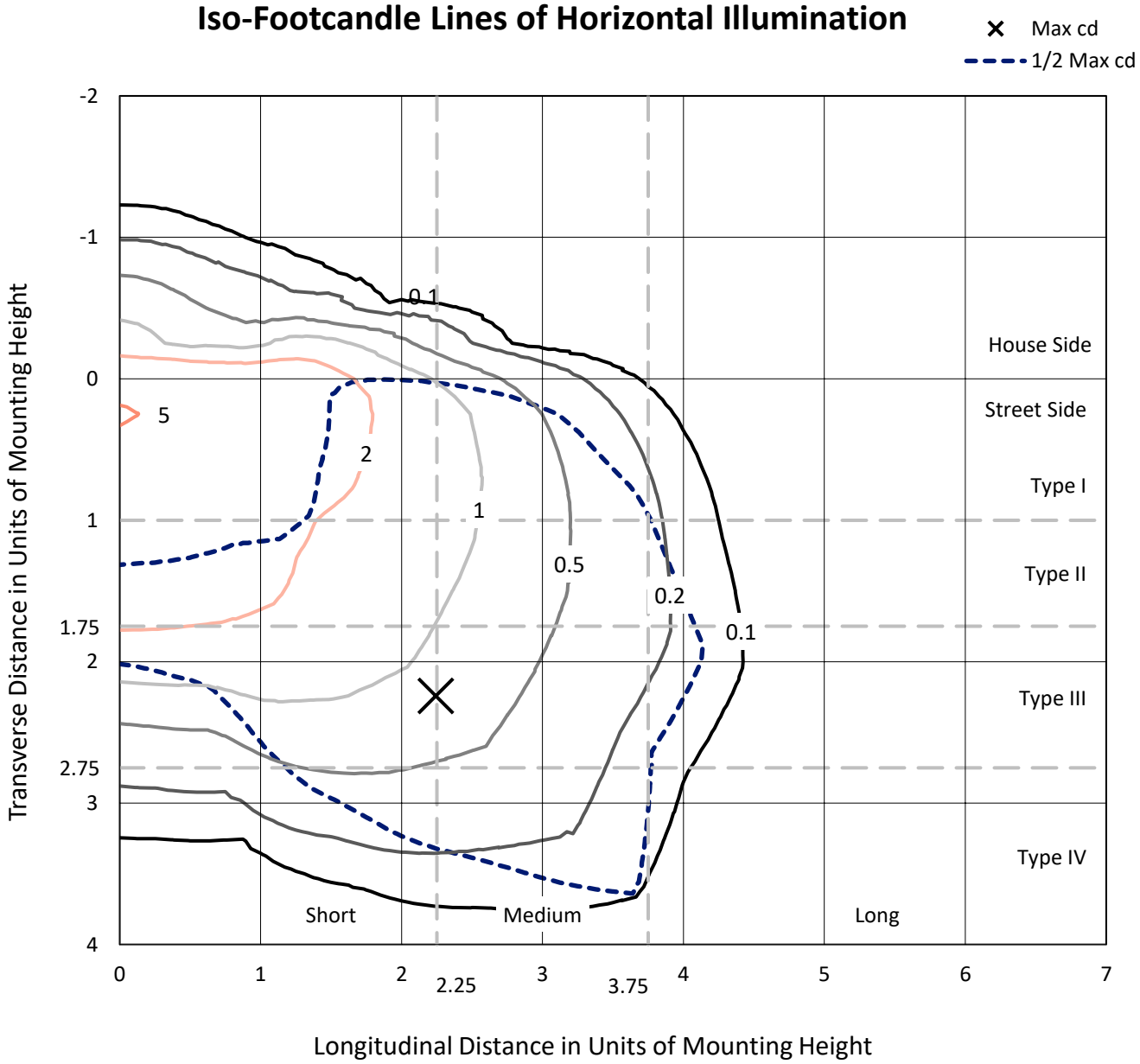


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Iso-Footcandle Lines of Horizontal Illumination



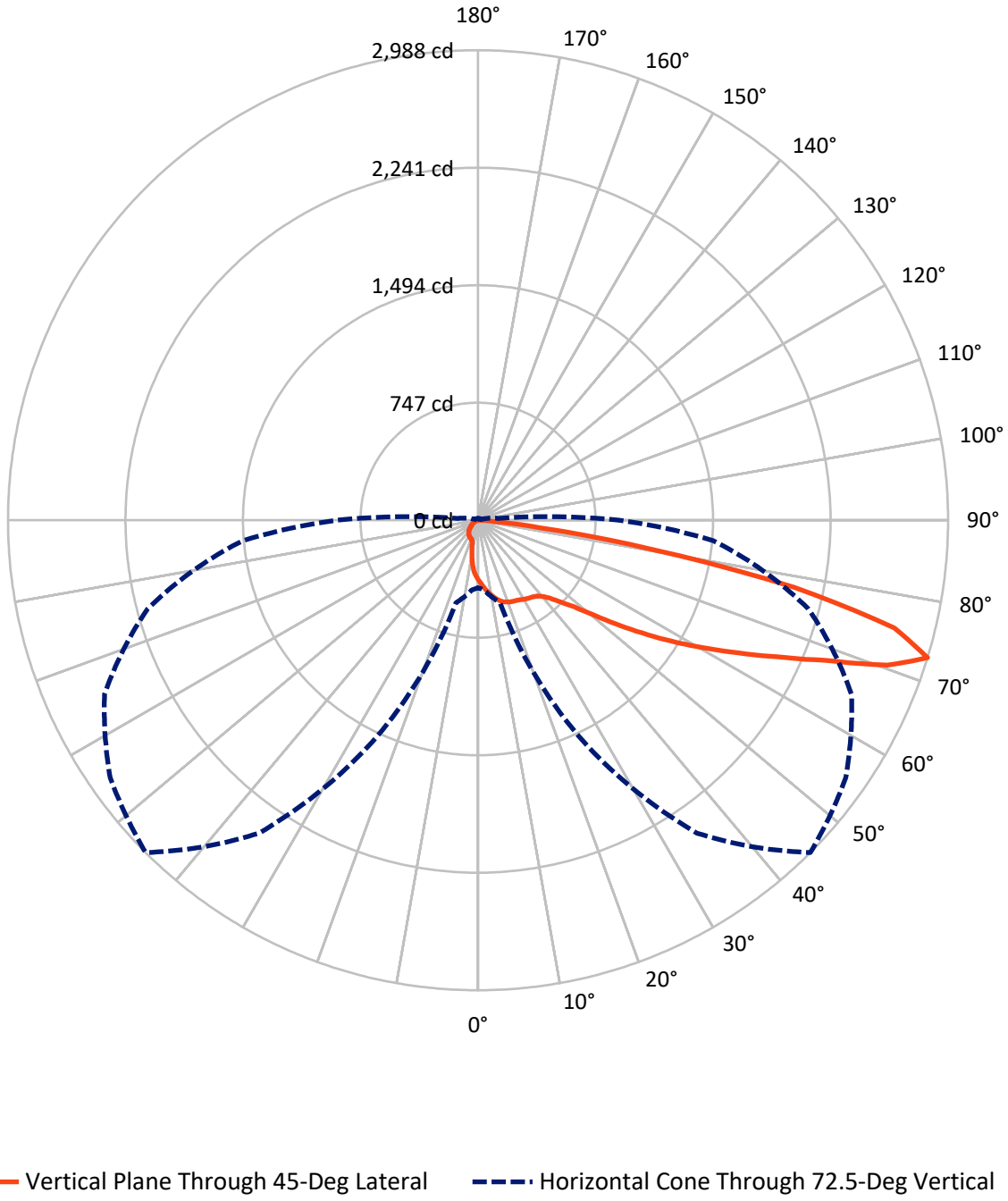
Based on 10 foot mounting height. Maximum calculated value = 5.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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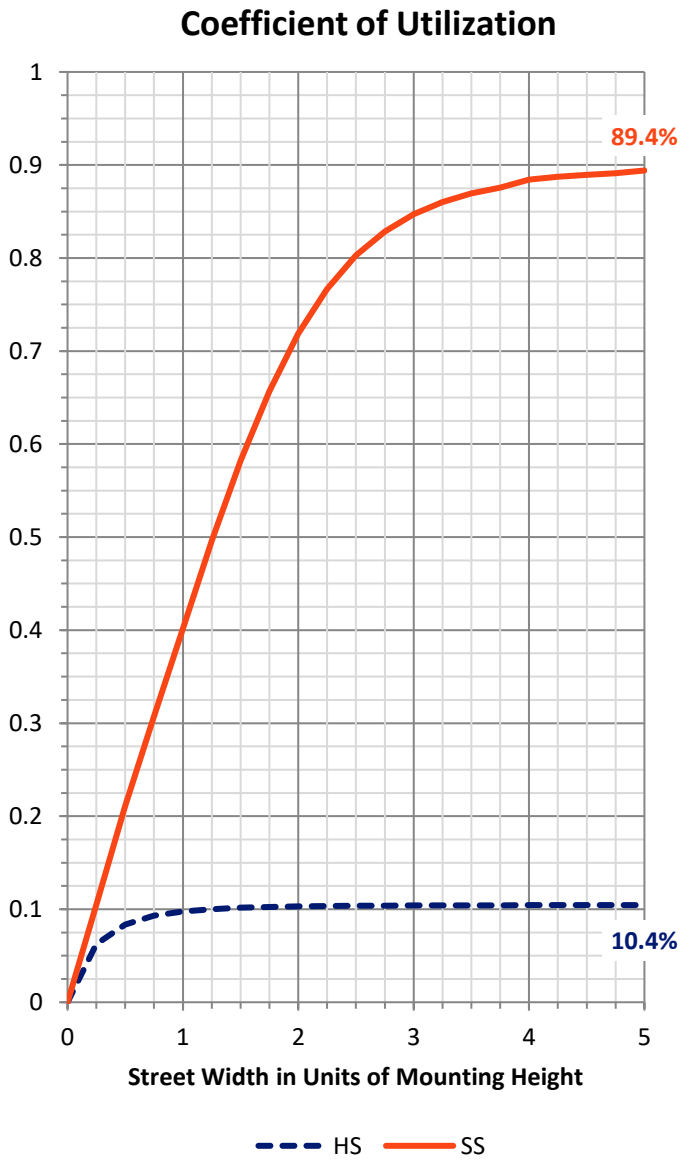
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	364.9	0.0	364.9
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	3108.1	0.0	3108.1
	% Fixture	89.5	0.0	89.5
Total	Lumens	3473.0	0.0	3473.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.8	1.0
10°-20°	104.8	3.0
20°-30°	172.0	5.0
30°-40°	244.0	7.0
40°-50°	403.3	11.6
50°-60°	724.5	20.9
60°-70°	1006.0	29.0
70°-80°	729.7	21.0
80°-90°	52.8	1.5
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°	3473.0	100.0
0°-180°	3473.0	100.0



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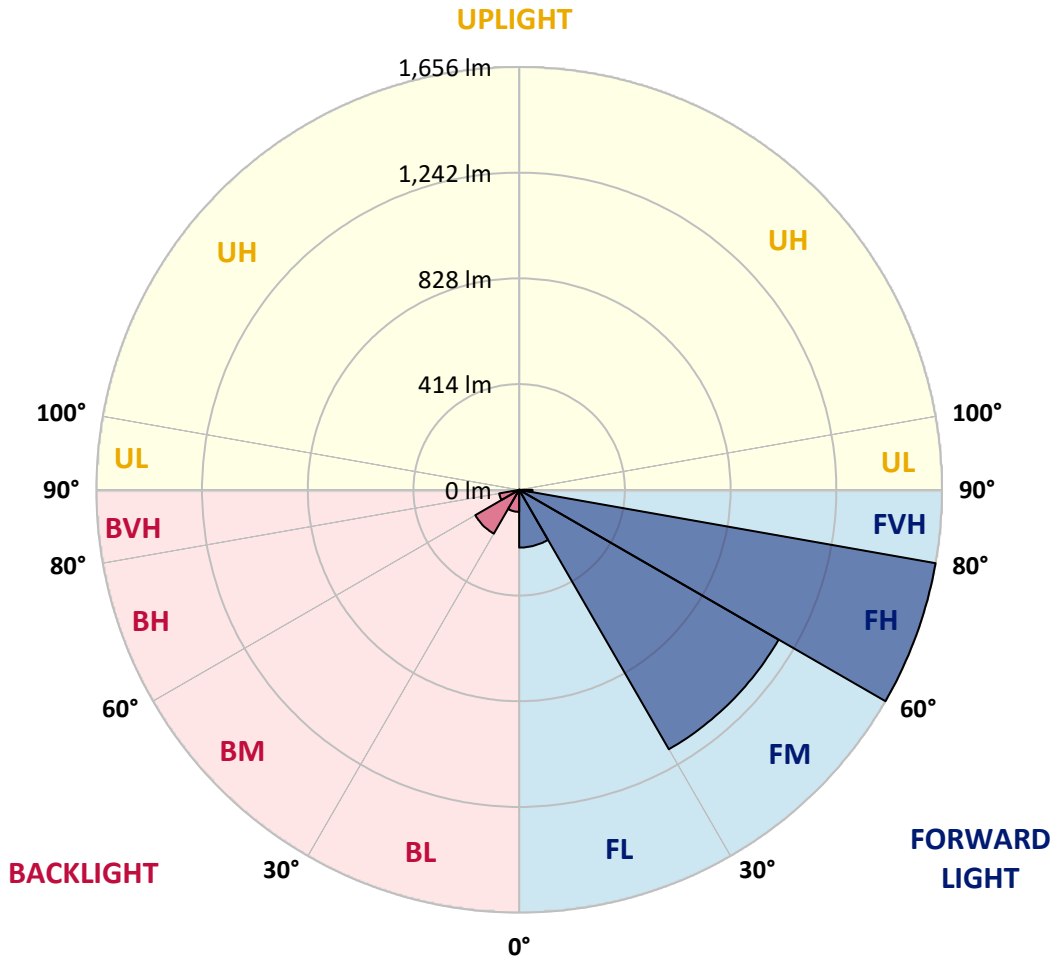
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	226.2	6.5			
FM	(30°-60°)	1173.4	33.8			
FH	(60°-80°)	1656.2	47.7			G1/1800
FVH	(80°-90°)	52.3	1.5			G1/100
BL	(0°-30°)	86.4	2.5	B0/110		
BM	(30°-60°)	198.5	5.7	B0/220		
BH	(60°-80°)	79.6	2.3	B0/110		G0/110
BVH	(80°-90°)	0.4	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	380.5	380.5	380.5	380.5	380.5	*380.5*	380.5	380.5	380.5	380.5	380.5
2.5°	415.6	416.3	415.8	413.0	408.2	*405.6*	404.2	399.4	396.4	390.9	385.2
5°	453.7	456.6	454.9	449.2	440.2	*433.8*	431.9	422.2	413.4	403.2	391.4
7.5°	494.3	495.7	492.6	485.3	473.2	*462.3*	460.6	447.1	433.1	417.5	401.3
10°	529.3	531.0	526.3	515.6	501.8	*488.3*	486.0	471.0	454.4	435.2	414.6
12.5°	558.7	560.4	554.2	541.4	526.3	*512.3*	509.9	494.3	476.0	454.7	429.1
15°	581.0	584.1	575.8	562.1	545.7	*531.7*	530.5	515.1	497.3	473.6	446.4
17.5°	594.1	597.1	589.3	572.7	558.7	*546.9*	545.5	532.7	516.1	493.3	463.2
20°	596.2	599.0	590.7	576.3	564.7	*555.2*	554.5	545.2	533.1	511.3	481.5
22.5°	589.8	593.4	585.8	574.1	566.1	*561.1*	560.2	554.9	548.1	529.6	498.5
25°	583.2	586.0	580.3	570.1	565.9	*565.4*	566.1	565.1	563.7	548.1	518.4
27.5°	582.7	585.8	579.4	569.6	567.3	*572.3*	573.0	577.5	578.7	564.9	537.6
30°	586.7	588.8	582.7	572.5	571.3	*582.7*	582.9	591.0	592.9	579.1	556.6
32.5°	595.5	597.9	591.7	576.8	575.1	*591.0*	591.7	602.4	605.4	594.3	576.5
35°	616.1	619.0	611.8	588.6	582.7	*598.8*	600.9	613.5	619.7	610.4	597.1
37.5°	667.5	659.3	649.5	612.6	600.0	*611.1*	614.7	629.4	640.3	629.6	621.8
40°	795.3	769.2	738.9	653.3	630.3	*637.4*	640.3	655.0	669.9	659.5	655.7
42.5°	987.1	956.3	907.4	747.2	676.1	*679.6*	681.8	694.6	715.7	707.4	708.3
45°	1158.0	1146.9	1097.1	907.4	761.7	*744.1*	746.7	753.4	784.4	781.3	787.5
47.5°	1289.3	1282.9	1244.5	1091.4	906.3	*823.1*	830.4	833.5	878.3	889.2	905.8
50°	1390.3	1388.0	1353.6	1255.0	1095.2	*939.5*	942.1	935.4	1002.5	1029.5	1061.1
52.5°	1485.6	1493.7	1468.3	1406.9	1296.9	*1091.9*	1091.4	1060.1	1150.7	1191.4	1245.3
55°	1571.7	1574.5	1577.1	1562.0	1499.9	*1265.4*	1260.9	1209.7	1322.5	1364.7	1423.0
57.5°	1652.5	1653.7	1676.9	1708.0	1711.1	*1451.7*	1443.4	1382.0	1510.3	1540.4	1576.2
60°	1706.8	1712.3	1761.3	1847.6	1885.3	*1644.0*	1639.5	1576.9	1701.3	1715.3	1708.7
62.5°	1628.6	1661.8	1785.5	1956.7	2049.8	*1857.1*	1855.0	1796.2	1902.4	1891.0	1834.1
65°	1318.3	1374.4	1592.1	2030.4	2211.3	*2095.1*	2098.2	2035.6	2108.8	2071.9	1936.0
67.5°	922.1	981.4	1238.9	2036.3	2391.7	*2374.6*	2392.4	2294.2	2328.1	2245.2	1960.2
70°	637.7	668.3	835.9	1908.8	2532.2	*2759.6*	2759.1	2611.9	2546.2	2324.1	1836.9
72.5°	*428.8*	*444.7*	*542.9*	*1514.3*	*2428.9*	*2988.3*	*2974.6*	*2854.6*	*2619.7*	*2173.6*	*1500.8*
75°	180.9	192.5	251.3	851.0	1921.6	*2734.0*	2696.7	2522.7	2327.7	1711.5	936.4
77.5°	57.4	62.3	99.1	304.6	1058.5	*2055.0*	2015.7	1575.5	1560.1	858.6	342.3
80°	27.3	31.8	55.7	122.3	416.5	*1117.7*	1112.3	714.7	671.1	231.8	68.7
82.5°	11.9	14.0	30.8	65.4	186.3	*398.7*	406.8	243.2	201.3	87.9	21.1
85°	3.8	5.0	14.2	30.1	78.7	*99.1*	97.9	57.8	81.1	47.9	7.3
87.5°	0.0	0.0	4.7	6.9	8.1	*5.7*	6.4	5.0	22.5	13.3	2.6
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°	380.5	380.5	380.5	380.5	380.5	380.5	380.5	380.5	380.5	380.5	380.5
2.5°	382.4	378.6	371.9	365.8	360.3	354.9	351.6	346.8	346.3	346.3	347.5
5°	385.0	378.8	367.0	354.4	339.9	326.2	312.4	299.2	294.9	291.8	293.2
7.5°	392.6	382.8	364.1	340.2	312.7	282.6	261.5	238.7	229.9	225.2	225.9
10°	403.5	390.2	361.7	319.8	275.2	234.2	204.1	179.5	170.0	165.9	165.9
12.5°	415.6	399.2	357.5	294.4	234.2	185.1	155.7	144.4	142.9	142.9	142.9
15°	430.0	410.1	350.1	264.6	191.3	146.5	136.1	136.5	138.0	138.9	138.9
17.5°	445.0	421.7	338.5	231.1	153.4	131.8	132.0	132.8	133.9	134.9	134.9
20°	461.1	433.3	323.1	195.6	131.6	127.5	128.2	129.0	129.9	130.4	130.6
22.5°	478.4	444.2	304.9	160.7	124.2	124.0	124.2	124.9	126.1	126.1	126.6
25°	496.9	456.3	284.0	135.4	120.4	120.4	120.9	121.4	122.3	122.3	122.6
27.5°	515.8	467.5	261.9	122.1	117.1	116.9	116.9	117.6	118.1	118.3	118.5
30°	536.7	480.5	239.9	119.2	114.5	113.3	112.6	113.1	113.5	113.8	114.3
32.5°	558.0	493.1	220.2	120.4	111.9	109.8	107.4	106.9	106.9	107.9	108.6
35°	581.7	506.8	205.1	124.5	110.5	104.5	100.7	98.6	98.9	100.3	101.0
37.5°	610.2	523.4	193.9	128.0	109.5	98.6	92.5	89.8	88.2	89.8	89.4
40°	647.4	547.8	185.9	130.9	108.3	91.7	83.4	79.2	76.1	77.0	76.6
42.5°	702.2	586.2	182.8	131.1	105.7	83.7	74.2	68.5	64.0	64.2	63.3
45°	779.0	646.9	198.7	128.0	100.0	74.9	64.5	56.9	54.0	53.3	52.4
47.5°	884.2	735.3	235.4	121.6	91.7	66.4	55.0	48.6	46.5	45.3	44.6
50°	1025.3	848.9	276.2	114.5	83.4	58.3	47.2	43.1	41.7	40.5	40.3
52.5°	1188.8	964.1	309.6	107.4	75.1	51.2	42.2	39.8	38.6	37.7	37.5
55°	1338.9	1043.5	307.7	99.8	67.1	45.5	38.6	37.2	35.8	34.8	34.4
57.5°	1432.3	1054.7	253.6	91.5	57.8	41.0	35.3	34.4	32.7	31.5	31.3
60°	1475.2	991.1	177.8	80.6	48.6	36.7	31.8	31.3	29.2	27.5	27.0
62.5°	1483.0	873.1	118.5	67.1	40.5	32.7	28.2	27.5	24.7	21.8	20.4
65°	1451.3	704.3	82.0	52.4	34.6	28.4	24.2	22.8	19.7	16.8	15.9
67.5°	1350.7	494.5	57.1	37.7	29.4	22.5	19.2	18.7	16.4	14.0	13.3
70°	1166.6	281.9	38.2	28.2	23.2	15.4	15.2	15.6	13.3	11.4	10.4
72.5°	*894.4*	*129.0*	*23.7*	*20.6*	*15.9*	*10.4*	*12.1*	*12.3*	*10.2*	*8.5*	*7.6*
75°	526.5	55.2	14.9	13.3	8.1	6.9	8.8	9.0	6.9	5.5	4.7
77.5°	179.2	20.9	9.5	7.8	4.0	3.8	5.7	5.7	3.8	2.1	1.7
80°	40.8	7.8	4.7	3.1	1.9	1.7	1.9	1.7	0.9	0.2	0.0
82.5°	11.6	3.1	1.9	1.2	0.7	0.7	0.2	0.0	0.0	0.0	0.0
85°	3.3	1.4	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	0.2	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

(END OF REPORT)