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: P1198894

Luminaire Tested: GPC-SB1D-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:	P1198894
	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-SB1D-827-U-T3-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 900mA 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:	6977 lumens
Efficiency:	N/A
Efficacy:	87.7 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

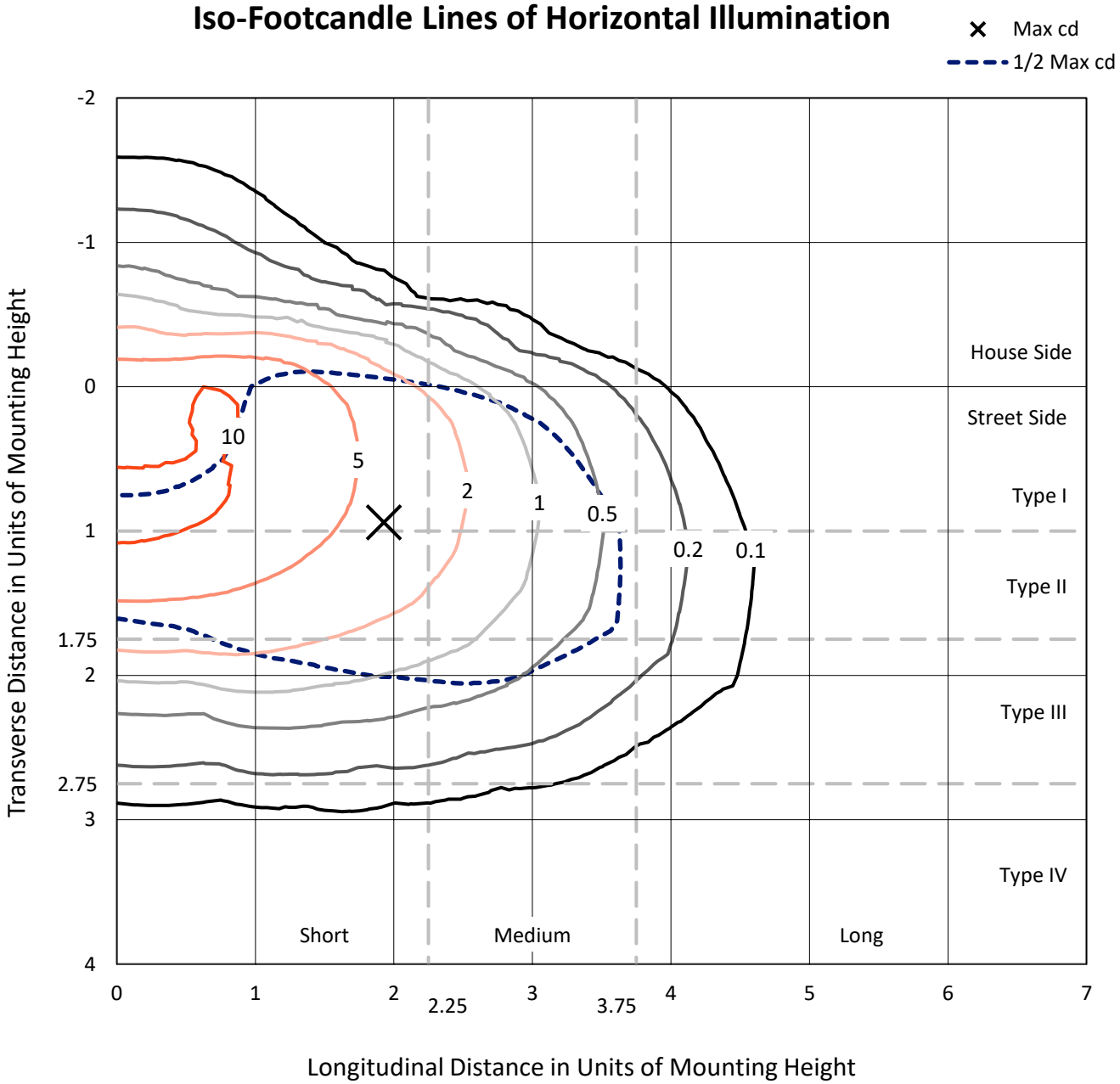


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Iso-Footcandle Lines of Horizontal Illumination



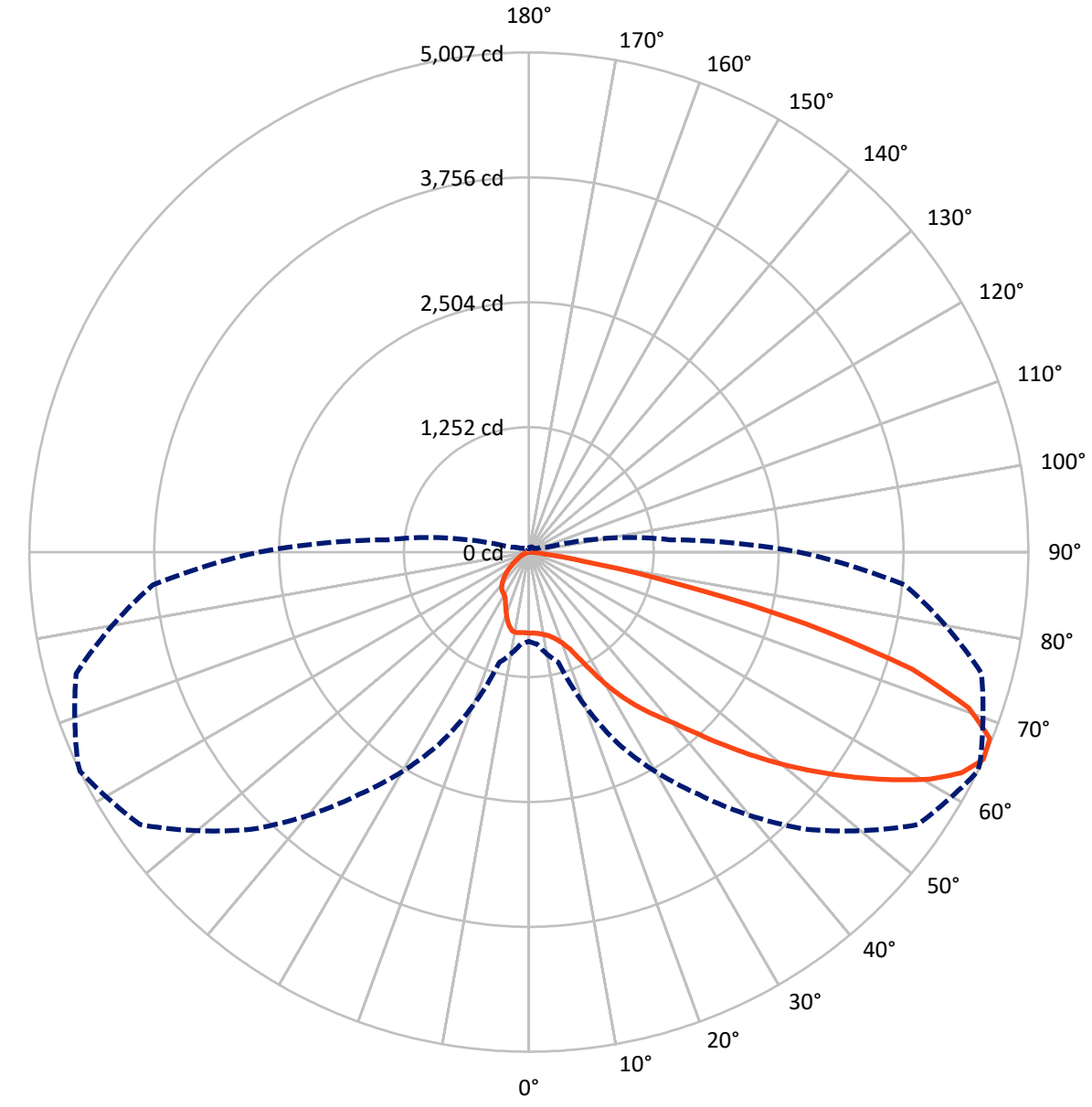
Based on 10 foot mounting height. Maximum calculated value = 12.8 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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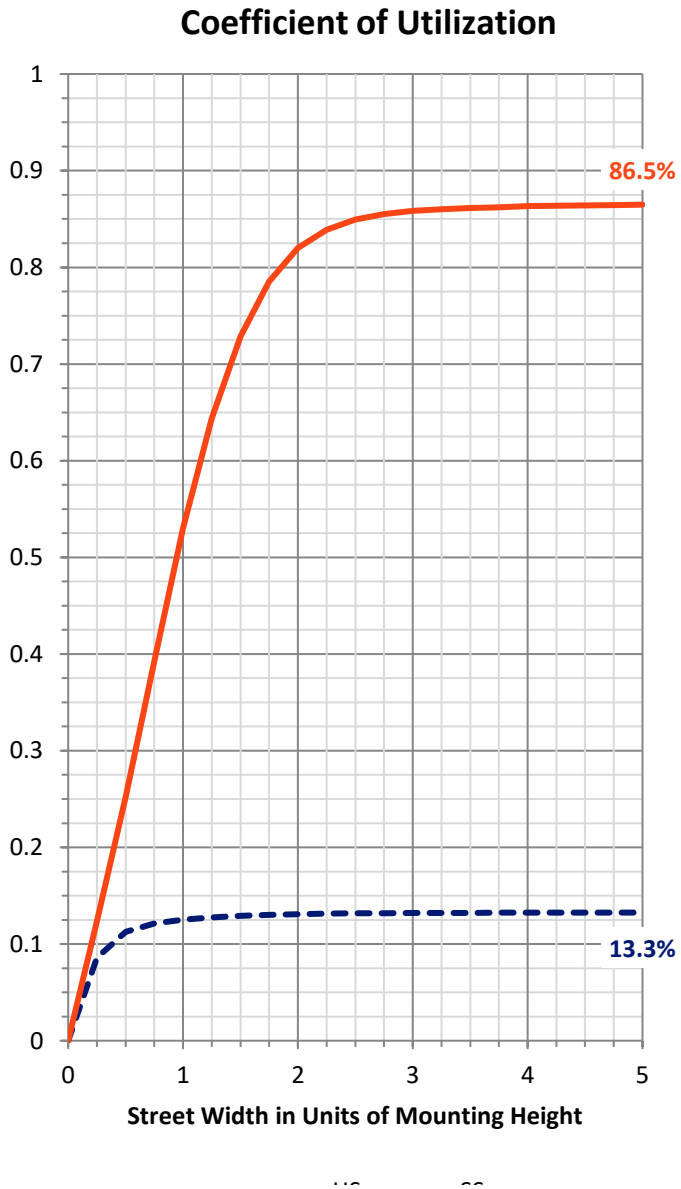
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	933.0	0.0	933.0
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	6044.0	0.0	6044.0
	% Fixture	86.6	0.0	86.6
Total	Lumens	6977.0	0.0	6977.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.9	1.1
10°-20°	203.1	2.9
20°-30°	384.8	5.5
30°-40°	778.6	11.2
40°-50°	1326.4	19.0
50°-60°	1803.8	25.9
60°-70°	1693.9	24.3
70°-80°	678.6	9.7
80°-90°	32.9	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°	6977.0	100.0
0°-180°	6977.0	100.0



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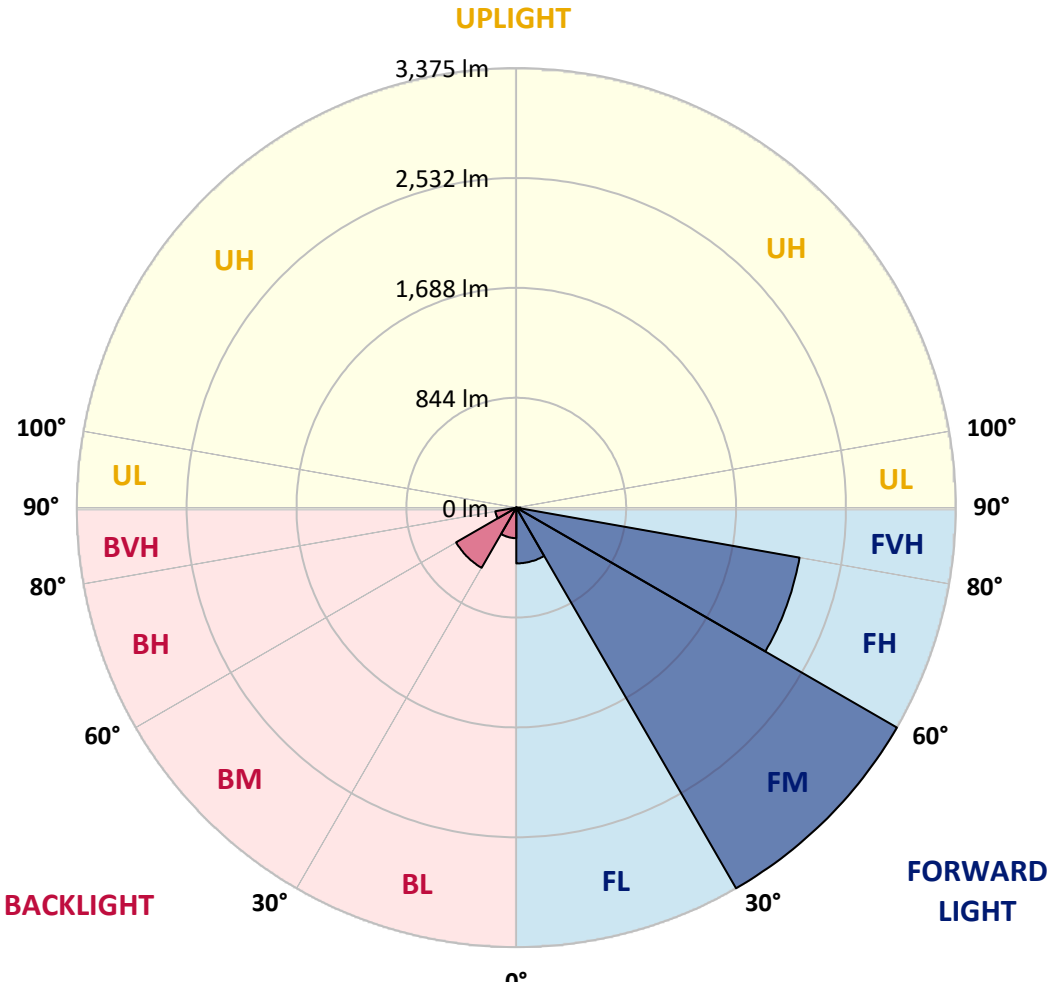
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	428.5	6.1			
FM	(30°-60°)	3375.5	48.4			
FH	(60°-80°)	2208.8	31.7			G2/5000
FVH	(80°-90°)	31.3	0.4			G1/100
BL	(0°-30°)	234.3	3.4	B1/500		
BM	(30°-60°)	533.4	7.6	B1/1000		
BH	(60°-80°)	163.8	2.3	B1/500		G1/500
BVH	(80°-90°)	1.6	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 Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	811.5	811.5	811.5	811.5	811.5	811.5	811.5	*811.5*	811.5	811.5	811.5
2.5°	808.7	814.3	812.9	811.5	811.0	812.0	812.4	*812.0*	812.0	812.0	812.4
5°	793.3	797.9	797.9	801.2	805.9	811.5	815.7	*816.6*	817.6	819.0	818.5
7.5°	763.8	767.5	770.3	781.1	792.8	807.8	820.4	*826.9*	827.9	833.0	834.9
10°	743.7	748.4	753.0	764.3	781.1	803.5	825.1	*841.0*	843.3	855.5	861.1
12.5°	742.7	747.4	753.5	765.7	785.3	809.2	835.4	*858.3*	862.5	880.3	891.9
15°	752.6	758.2	763.8	778.8	799.8	828.8	856.9	*885.4*	889.6	914.9	927.5
17.5°	772.7	780.2	784.4	799.3	821.8	854.1	891.0	*923.8*	927.5	957.0	972.9
20°	812.4	821.3	822.7	834.9	856.9	891.5	935.4	*976.1*	980.8	1014.5	1032.3
22.5°	894.8	907.4	896.2	902.2	921.9	956.5	1004.2	*1055.6*	1062.2	1100.5	1116.5
25°	1039.7	1057.5	1028.5	1018.2	1026.6	1062.7	1122.5	*1187.5*	1195.0	1225.9	1233.9
27.5°	1324.6	1301.7	1257.7	1214.7	1189.4	1210.0	1277.3	*1357.8*	1367.2	1397.1	1387.7
30°	1637.5	1617.4	1558.0	1462.6	1402.7	1399.4	1461.6	*1551.4*	1562.2	1590.7	1562.2
32.5°	1950.9	1931.7	1867.1	1749.7	1645.9	1594.5	1637.5	*1737.1*	1742.7	1761.0	1718.9
35°	2259.1	2239.5	2174.9	2054.7	1927.0	1810.1	1801.7	*1913.9*	1915.8	1935.0	1872.3
37.5°	2569.2	2552.8	2484.1	2366.2	2240.4	2079.0	2000.9	*2081.4*	2083.7	2102.4	2037.4
40°	2790.4	2797.4	2750.2	2659.0	2551.0	2374.6	2224.5	*2259.6*	2245.5	2276.9	2238.0
42.5°	2980.3	2994.4	2953.2	2907.4	2844.7	2689.4	2501.4	*2495.3*	2472.8	2489.7	2449.5
45°	3144.5	3156.2	3119.2	3108.5	3107.1	2998.1	2804.0	*2767.5*	2736.2	2732.9	2684.7
47.5°	3204.8	3227.3	3243.2	3279.2	3349.4	3303.5	3116.9	*3060.3*	3025.2	2999.5	2923.3
50°	3227.7	3251.6	3305.9	3410.6	3576.7	3596.3	3428.4	*3364.8*	3321.8	3275.0	3162.7
52.5°	3196.9	3239.4	3312.4	3488.7	3729.6	3831.1	3727.3	*3671.6*	3622.5	3546.3	3379.8
55°	3014.9	3057.5	3206.7	3487.8	3805.9	3995.7	4009.8	*3985.0*	3929.8	3809.6	3555.2
57.5°	2631.4	2694.5	2930.7	3369.0	3804.5	4137.5	4286.7	*4304.4*	4242.7	4070.6	3693.1
60°	2100.1	2185.7	2473.8	3105.7	3687.1	4214.2	4529.4	*4618.3*	4552.8	4327.8	3804.9
62.5°	1465.4	1564.5	1837.2	2693.1	3418.6	4159.0	4706.7	*4870.9*	4821.3	4558.0	3847.9
65°	*893.8*	*925.6*	*1145.5*	*2119.2*	*2962.1*	*3927.9*	*4761.4*	*5007.4*	*4991.1*	*4698.7*	*3784.3*
67.5°	595.4	622.1	685.2	1453.2	2299.3	3466.3	4630.4	*4983.6*	4988.3	4675.8	3551.4
70°	358.7	381.7	422.8	845.2	1490.2	2743.7	4224.9	*4679.6*	4706.7	4369.5	3109.9
72.5°	147.8	163.2	200.7	383.1	771.7	1741.3	3364.3	*4017.7*	4080.9	3674.0	2386.8
75°	83.7	91.7	117.9	192.2	334.9	811.5	2037.9	*2852.2*	2945.2	2532.2	1435.9
77.5°	55.7	59.4	76.2	124.4	188.5	276.9	870.9	*1486.0*	1663.7	1383.1	621.6
80°	37.4	40.7	52.4	83.3	122.5	118.8	277.4	*550.5*	677.3	475.2	151.5
82.5°	25.3	25.7	37.4	54.7	77.6	57.5	81.9	*171.2*	215.2	137.5	57.5
85°	14.5	14.0	27.6	31.8	34.6	23.9	24.8	*51.4*	67.4	58.0	32.7
87.5°	1.9	2.8	10.8	8.4	4.7	5.1	5.1	*8.9*	13.1	14.0	7.0
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	811.5	811.5	811.5	811.5	811.5	811.5	811.5	811.5	811.5	811.5	811.5
2.5°	812.4	812.0	810.6	809.2	805.9	804.0	804.9	804.0	803.5	804.0	805.9
5°	818.5	817.1	813.4	808.7	802.1	794.2	789.0	781.6	774.5	770.3	771.3
7.5°	834.9	833.5	828.3	815.2	794.2	761.0	730.6	703.9	683.8	672.1	672.6
10°	861.1	858.7	850.8	821.8	766.6	694.1	633.8	583.7	551.0	535.5	534.1
12.5°	891.9	889.1	875.1	815.7	714.2	601.0	517.8	462.1	431.7	418.1	416.7
15°	928.4	924.7	897.1	786.7	638.0	498.1	421.9	380.3	360.6	348.5	348.9
17.5°	973.8	967.2	913.5	743.2	555.2	419.5	363.0	331.6	314.3	302.6	301.7
20°	1032.7	1022.0	926.6	691.3	478.9	370.0	323.2	297.0	283.9	273.6	271.7
22.5°	1115.0	1099.6	942.5	635.2	425.2	335.8	293.7	274.6	263.8	252.1	250.2
25°	1217.0	1198.8	962.1	583.2	388.2	306.4	272.2	256.3	243.7	230.1	228.7
27.5°	1359.7	1326.9	985.5	540.7	356.4	281.1	252.6	234.8	220.3	209.1	206.7
30°	1518.7	1464.9	1006.1	515.0	327.4	257.7	226.8	209.1	195.5	187.6	186.2
32.5°	1669.3	1596.3	1019.6	503.7	301.2	231.1	198.8	179.6	169.3	167.0	168.4
35°	1811.5	1715.1	1018.2	493.0	277.8	204.4	171.2	151.5	143.6	145.0	145.0
37.5°	1975.2	1841.9	1008.4	476.1	258.7	180.1	147.3	130.0	123.0	123.5	125.3
40°	2165.6	1988.3	1002.3	444.3	237.6	157.6	127.7	113.7	108.5	106.6	106.2
42.5°	2368.5	2130.0	1003.3	408.3	211.4	137.5	114.1	102.4	97.8	96.4	95.9
45°	2572.5	2265.2	1004.7	370.9	183.8	122.1	104.3	94.5	91.7	89.8	89.8
47.5°	2764.2	2380.2	978.5	330.7	156.7	110.4	96.4	89.8	87.5	85.1	85.1
50°	2942.9	2456.9	915.3	283.9	135.2	101.0	90.3	85.6	83.3	80.9	80.9
52.5°	3081.8	2469.1	811.0	235.7	120.2	94.0	86.5	82.3	79.5	77.2	76.7
55°	3143.6	2392.9	662.8	190.8	108.5	87.9	82.8	78.6	75.3	73.0	72.5
57.5°	3127.7	2232.4	516.8	153.4	97.3	81.9	78.1	75.3	71.6	67.8	67.4
60°	3049.5	2017.8	389.6	127.7	87.0	75.3	73.0	70.6	65.5	59.9	58.9
62.5°	2914.4	1747.9	277.8	105.7	75.8	67.8	66.9	65.0	57.5	47.2	46.3
65°	*2707.6*	*1420.0*	*187.1*	*87.9*	*65.0*	*59.4*	*59.9*	*56.6*	*46.8*	*35.1*	*34.1*
67.5°	2405.5	1038.3	119.7	72.0	54.3	49.6	50.0	48.2	39.8	29.9	28.5
70°	2020.6	687.6	78.1	54.7	43.5	38.4	41.2	41.6	33.7	24.3	23.4
72.5°	1481.3	406.0	54.7	40.7	31.8	26.7	33.7	34.6	27.1	18.2	17.3
75°	844.2	192.7	41.2	29.5	19.6	18.7	26.2	26.2	18.7	12.2	11.2
77.5°	354.5	80.4	29.0	19.2	11.2	10.8	17.8	16.4	9.4	5.6	5.6
80°	102.4	36.0	15.4	9.4	4.7	4.2	7.0	5.1	2.3	0.9	0.9
82.5°	40.2	15.9	6.1	3.7	1.9	1.9	0.9	0.0	0.0	0.0	0.0
85°	23.9	6.5	2.8	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.1	1.4	0.9	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


HS
SS

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(END OF REPORT)