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: P1198312

Luminaire Tested: GPC-SB1C-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:	P1198312
	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-SB1C-735-U-T4W-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 615mA 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:	5800 lumens
Efficiency:	N/A
Efficacy:	106.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
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

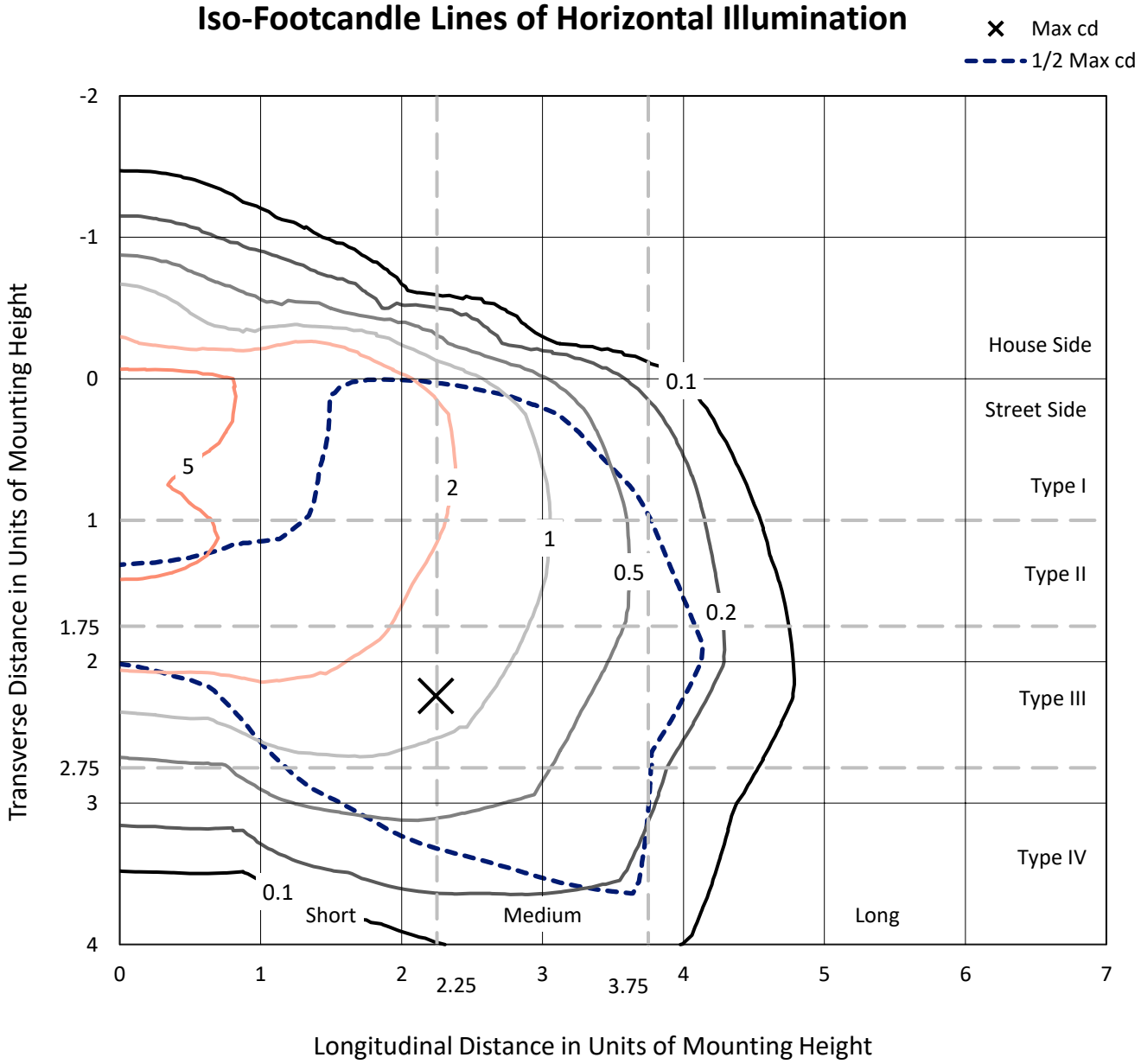


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Iso-Footcandle Lines of Horizontal Illumination



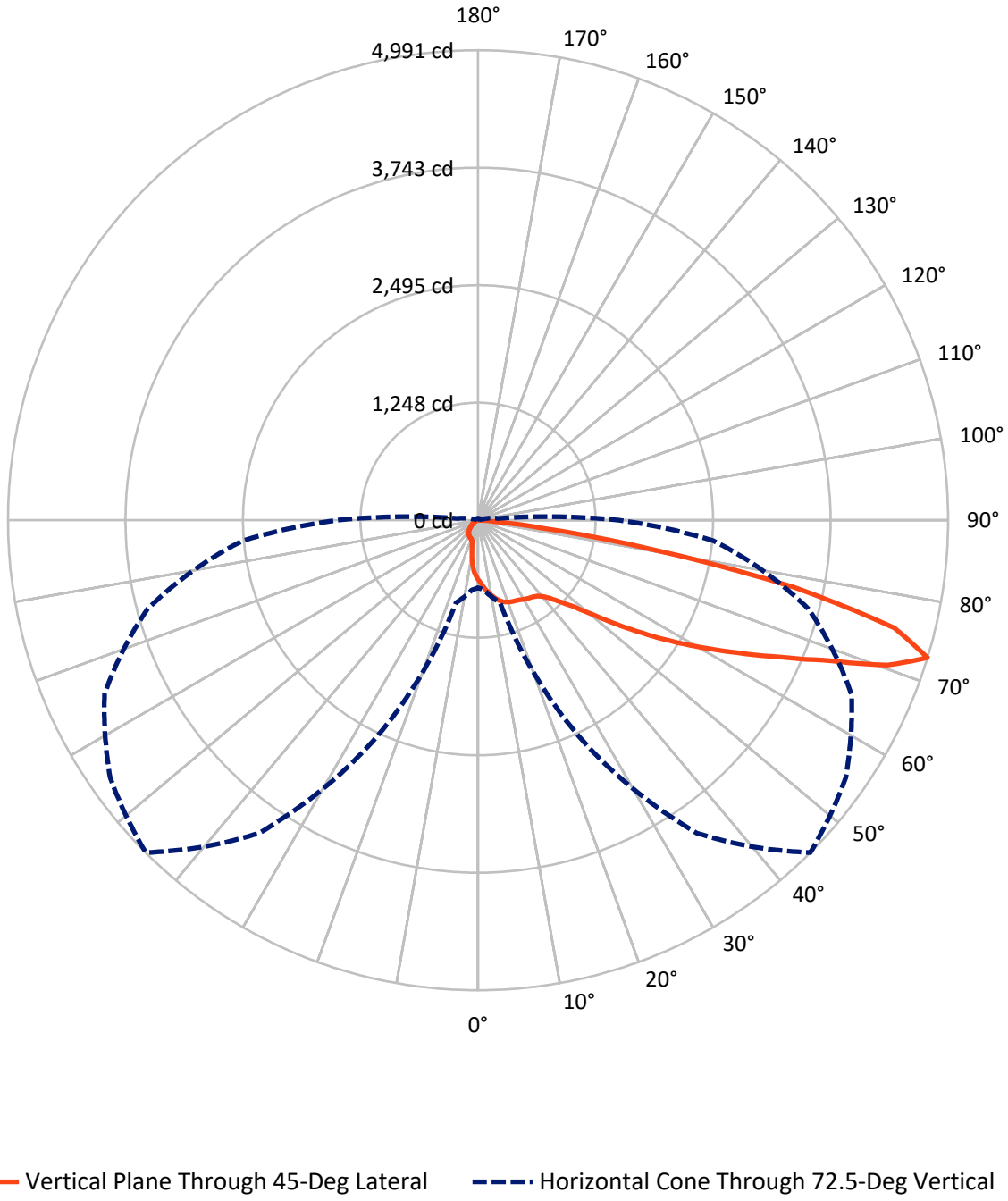
Based on 10 foot mounting height. Maximum calculated value = 8.7 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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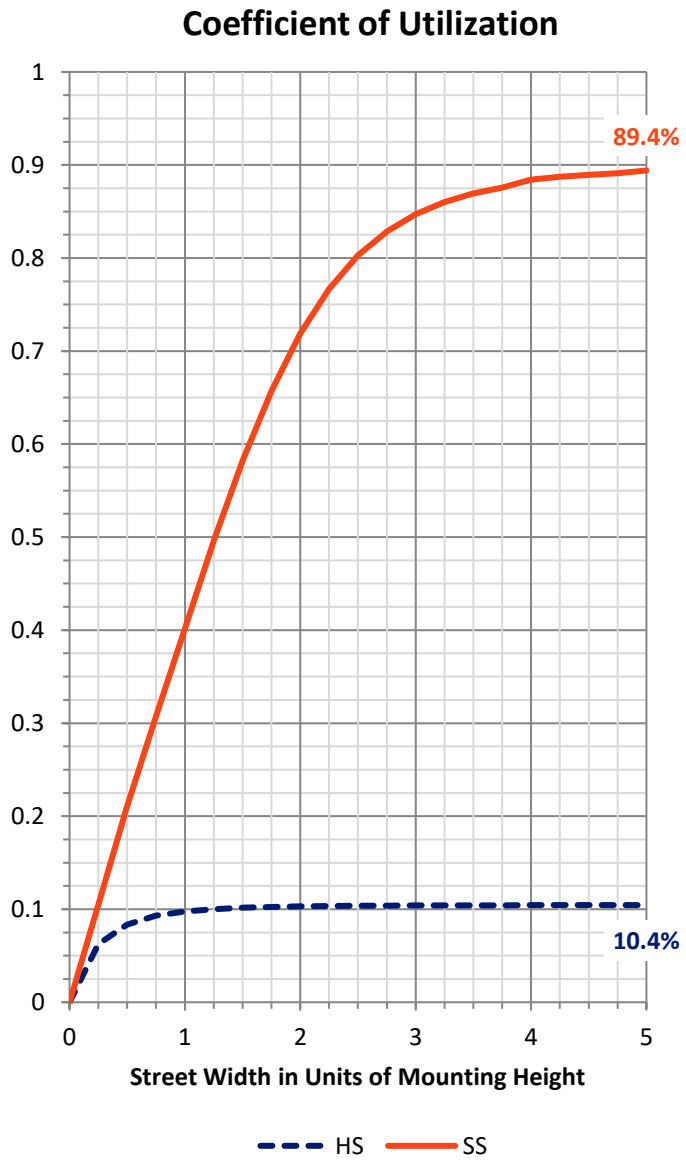
REPORT NUMBER: P1198312
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	609.4	0.0	609.4
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	5190.6	0.0	5190.6
	% Fixture	89.5	0.0	89.5
Total	Lumens	5800.0	0.0	5800.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.9	1.0
10°-20°	175.0	3.0
20°-30°	287.3	5.0
30°-40°	407.5	7.0
40°-50°	673.5	11.6
50°-60°	1209.9	20.9
60°-70°	1680.1	29.0
70°-80°	1218.7	21.0
80°-90°	88.1	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°	5800.0	100.0
0°-180°	5800.0	100.0



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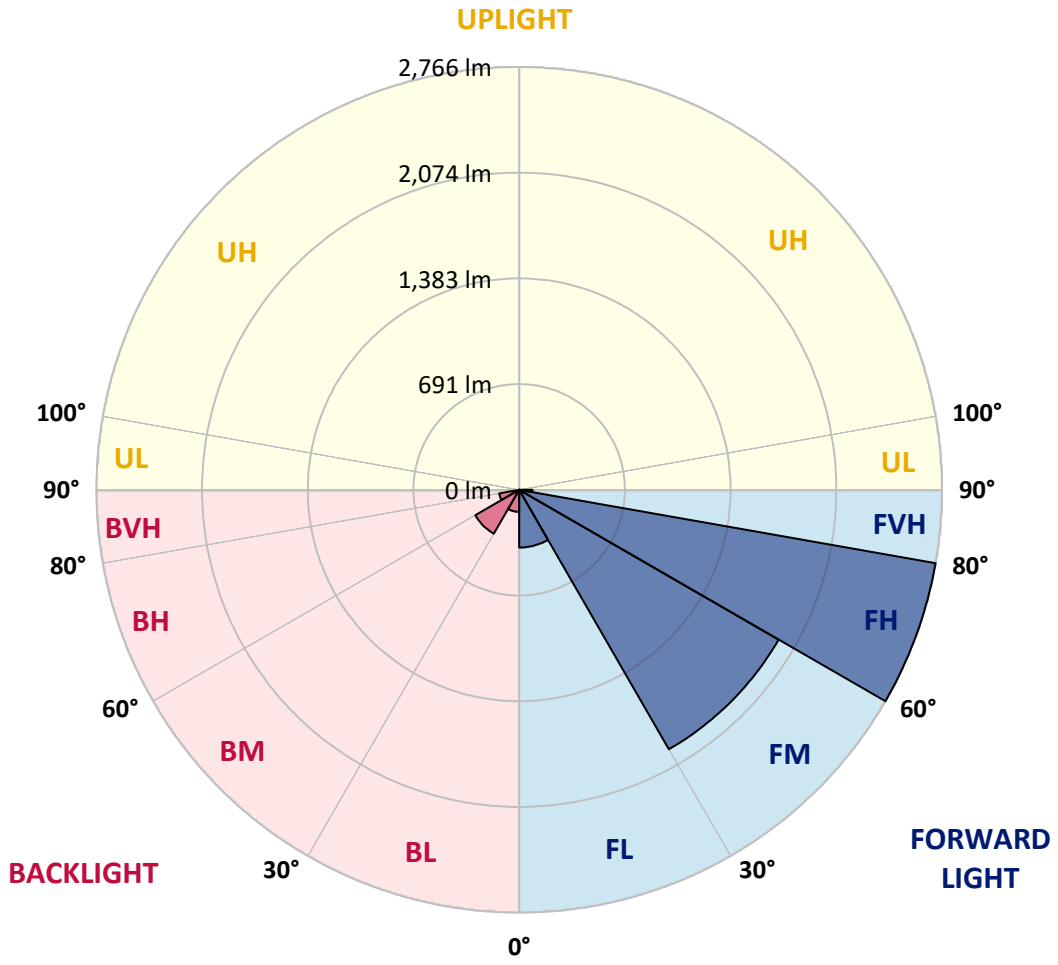
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	377.8	6.5			
FM	(30°-60°)	1959.5	33.8			
FH	(60°-80°)	2765.9	47.7			G2/5000
FVH	(80°-90°)	87.4	1.5			G1/100
BL	(0°-30°)	144.3	2.5	B1/500		
BM	(30°-60°)	331.4	5.7	B1/1000		
BH	(60°-80°)	132.9	2.3	B1/500		G1/500
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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	635.4	635.4	635.4	635.4	635.4	635.4	635.4	635.4	635.4	635.4	635.4
2.5°	694.0	695.2	694.4	689.6	681.7	677.4	675.0	667.1	661.9	652.8	643.3
5°	757.7	762.5	759.7	750.2	735.2	724.5	721.3	705.1	690.4	673.4	653.6
7.5°	825.4	827.8	822.7	810.4	790.2	772.0	769.2	746.6	723.3	697.2	670.2
10°	884.0	886.8	878.9	861.1	838.1	815.5	811.6	786.6	758.9	726.9	692.4
12.5°	933.1	935.9	925.6	904.2	878.9	855.5	851.6	825.4	794.9	759.3	716.6
15°	970.3	975.5	961.6	938.7	911.3	888.0	886.0	860.3	830.6	791.0	745.5
17.5°	992.1	997.2	984.2	956.5	933.1	913.3	910.9	889.6	861.9	823.8	773.6
20°	995.7	1000.4	986.6	962.4	943.0	927.2	926.0	910.5	890.4	853.9	804.1
22.5°	985.0	990.9	978.2	958.8	945.4	937.1	935.5	926.8	915.3	884.4	832.6
25°	973.9	978.6	969.1	952.1	945.0	944.2	945.4	943.8	941.4	915.3	865.8
27.5°	973.1	978.2	967.6	951.3	947.4	955.7	956.9	964.4	966.4	943.4	897.9
30°	979.8	983.4	973.1	956.1	954.1	973.1	973.5	987.0	990.1	967.2	929.5
32.5°	994.5	998.4	988.1	963.2	960.4	987.0	988.1	1006.0	1011.1	992.5	962.8
35°	1028.9	1033.7	1021.8	983.0	973.1	1000.0	1003.6	1024.6	1034.9	1019.4	997.2
37.5°	1114.8	1101.0	1084.7	1023.0	1002.0	1020.6	1026.5	1051.1	1069.3	1051.5	1038.4
40°	1328.2	1284.7	1234.0	1091.1	1052.7	1064.5	1069.3	1093.8	1118.8	1101.4	1095.0
42.5°	1648.5	1597.0	1515.5	1247.8	1129.1	1135.0	1138.6	1160.0	1195.2	1181.3	1182.9
45°	1933.9	1915.3	1832.2	1515.5	1272.0	1242.7	1247.1	1258.1	1310.0	1304.9	1315.1
47.5°	2153.2	2142.6	2078.4	1822.7	1513.5	1374.5	1386.8	1391.9	1466.8	1485.0	1512.7
50°	2321.9	2317.9	2260.5	2095.8	1829.0	1568.9	1573.3	1562.2	1674.2	1719.3	1772.0
52.5°	2481.0	2494.5	2452.1	2349.6	2165.9	1823.5	1822.7	1770.4	1921.6	1989.7	2079.6
55°	2624.7	2629.5	2633.9	2608.5	2504.8	2113.3	2105.7	2020.2	2208.7	2279.1	2376.5
57.5°	2759.7	2761.7	2800.5	2852.4	2857.5	2424.4	2410.6	2308.0	2522.2	2572.5	2632.3
60°	2850.4	2859.5	2941.5	3085.6	3148.5	2745.5	2738.0	2633.5	2841.3	2864.7	2853.6
62.5°	2719.8	2775.2	2981.8	3267.7	3423.3	3101.4	3097.8	2999.7	3177.0	3158.0	3063.0
65°	2201.5	2295.4	2658.8	3390.8	3692.9	3498.9	3504.0	3399.5	3521.8	3460.1	3233.2
67.5°	1540.0	1639.0	2068.9	3400.7	3994.1	3965.6	3995.3	3831.4	3888.0	3749.5	3273.6
70°	1064.9	1116.0	1395.9	3187.7	4228.9	4608.5	4607.8	4361.9	4252.2	3881.3	3067.7
72.5°	716.2	742.7	906.6	2528.9	4056.3	4990.6	4967.6	4767.3	4375.0	3629.9	2506.4
75°	302.1	321.5	419.6	1421.2	3209.1	4565.8	4503.6	4213.1	3887.2	2858.3	1563.8
77.5°	95.8	104.1	165.5	508.7	1767.6	3432.0	3366.2	2631.1	2605.3	1433.9	571.7
80°	45.5	53.0	93.0	204.3	695.6	1866.6	1857.5	1193.6	1120.8	387.2	114.8
82.5°	19.8	23.4	51.5	109.3	311.2	665.9	679.3	406.2	336.1	146.9	35.2
85°	6.3	8.3	23.8	50.3	131.4	165.5	163.5	96.6	135.4	80.0	12.3
87.5°	0.0	0.0	7.9	11.5	13.5	9.5	10.7	8.3	37.6	22.2	4.4
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°	635.4	635.4	635.4	635.4	635.4	635.4	635.4	635.4	635.4	635.4	635.4
2.5°	638.6	632.2	621.2	610.9	601.8	592.6	587.1	579.2	578.4	578.4	580.4
5°	642.9	632.6	612.8	591.9	567.7	544.7	521.8	499.6	492.5	487.3	489.7
7.5°	655.6	639.4	608.1	568.1	522.2	471.9	436.7	398.7	384.0	376.1	377.3
10°	673.8	651.6	604.1	534.1	459.6	391.1	340.9	299.7	283.9	277.1	277.1
12.5°	694.0	666.7	597.0	491.7	391.1	309.2	260.1	241.1	238.7	238.7	238.7
15°	718.1	684.9	584.7	441.8	319.5	244.7	227.2	228.0	230.4	232.0	232.0
17.5°	743.1	704.3	565.3	386.0	256.1	220.1	220.5	221.7	223.7	225.3	225.3
20°	770.0	723.7	539.6	326.6	219.7	213.0	214.2	215.4	216.9	217.7	218.1
22.5°	798.9	741.9	509.1	268.4	207.4	207.1	207.4	208.6	210.6	210.6	211.4
25°	829.8	762.1	474.3	226.1	201.1	201.1	201.9	202.7	204.3	204.3	204.7
27.5°	861.5	780.7	437.5	203.9	195.6	195.2	195.2	196.4	197.2	197.5	197.9
30°	896.3	802.5	400.6	199.1	191.2	189.2	188.0	188.8	189.6	190.0	190.8
32.5°	931.9	823.4	367.8	201.1	186.9	183.3	179.3	178.5	178.5	180.1	181.3
35°	971.5	846.4	342.4	207.8	184.5	174.6	168.3	164.7	165.1	167.5	168.6
37.5°	1019.0	874.1	323.8	213.8	182.9	164.7	154.4	150.0	147.3	150.0	149.3
40°	1081.2	914.9	310.4	218.5	180.9	153.2	139.4	132.2	127.1	128.7	127.9
42.5°	1172.6	979.0	305.2	218.9	176.6	139.7	123.9	114.4	106.9	107.3	105.7
45°	1300.9	1080.4	331.8	213.8	167.1	125.1	107.7	95.0	90.3	89.1	87.5
47.5°	1476.7	1228.0	393.1	203.1	153.2	110.8	91.8	81.2	77.6	75.6	74.4
50°	1712.2	1417.7	461.2	191.2	139.4	97.4	78.8	72.1	69.7	67.7	67.3
52.5°	1985.4	1610.1	517.0	179.3	125.5	85.5	70.5	66.5	64.5	62.9	62.6
55°	2236.0	1742.7	513.9	166.7	112.0	76.0	64.5	62.2	59.8	58.2	57.4
57.5°	2392.0	1761.3	423.6	152.8	96.6	68.5	59.0	57.4	54.6	52.7	52.3
60°	2463.6	1655.2	296.9	134.6	81.2	61.4	53.0	52.3	48.7	45.9	45.1
62.5°	2476.7	1458.1	197.9	112.0	67.7	54.6	47.1	45.9	41.2	36.4	34.0
65°	2423.6	1176.2	137.0	87.5	57.8	47.5	40.4	38.0	32.9	28.1	26.5
67.5°	2255.8	825.8	95.4	62.9	49.1	37.6	32.1	31.3	27.3	23.4	22.2
70°	1948.2	470.7	63.7	47.1	38.8	25.7	25.3	26.1	22.2	19.0	17.4
72.5°	*1493.7*	*215.4*	*39.6*	*34.4*	*26.5*	*17.4*	*20.2*	*20.6*	*17.0*	*14.3*	*12.7*
75°	879.3	92.2	24.9	22.2	13.5	11.5	14.6	15.0	11.5	9.1	7.9
77.5°	299.3	34.8	15.8	13.1	6.7	6.3	9.5	9.5	6.3	3.6	2.8
80°	68.1	13.1	7.9	5.1	3.2	2.8	3.2	2.8	1.6	0.4	0.0
82.5°	19.4	5.1	3.2	2.0	1.2	1.2	0.4	0.0	0.0	0.0	0.0
85°	5.5	2.4	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	0.4	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)