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: P1199248

Luminaire Tested: GPC-SB2A-735-U-SL4-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1199248
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2A-735-U-SL4-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6261 lumens
Efficiency:	N/A
Efficacy:	109.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

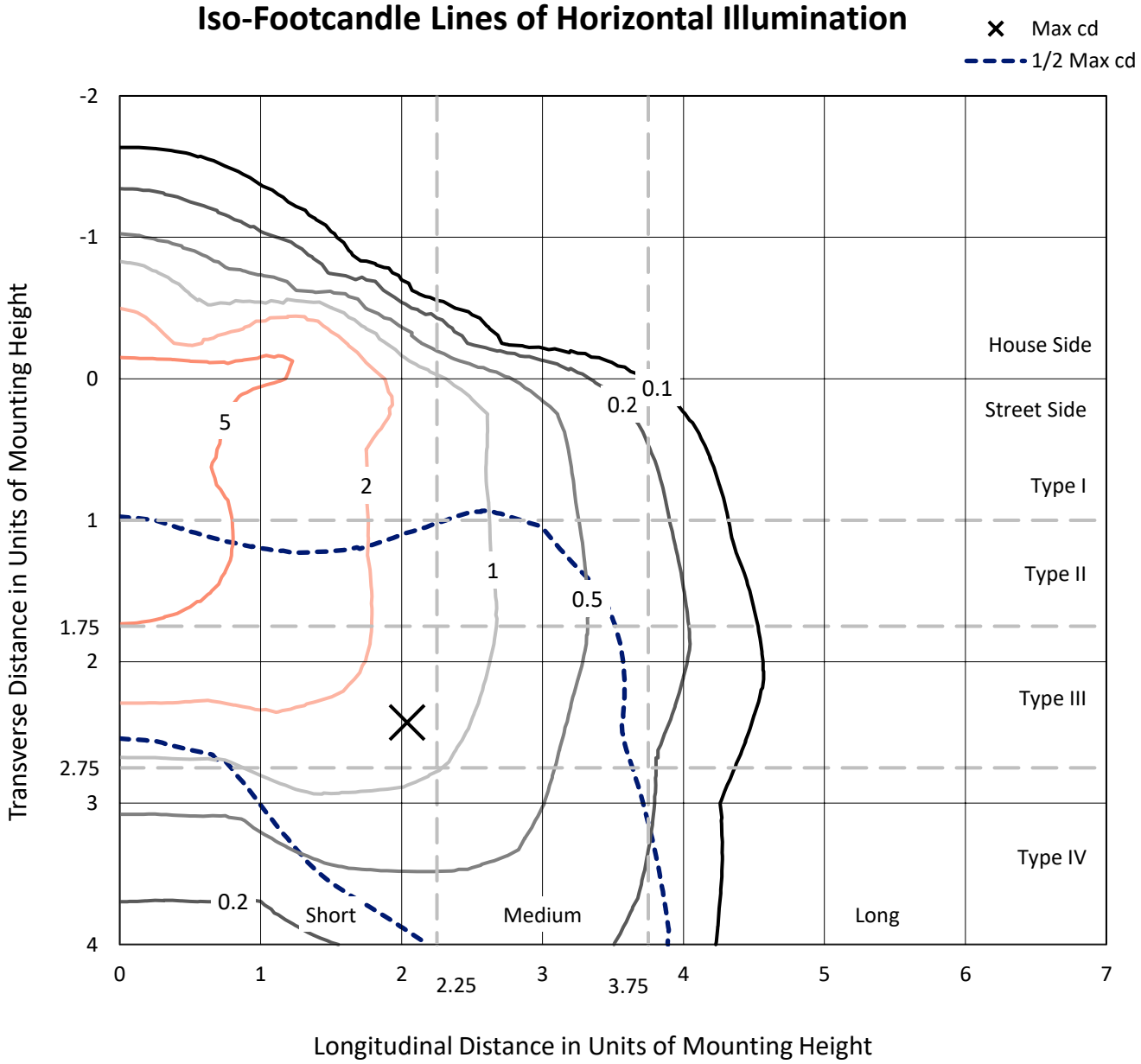


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Iso-Footcandle Lines of Horizontal Illumination



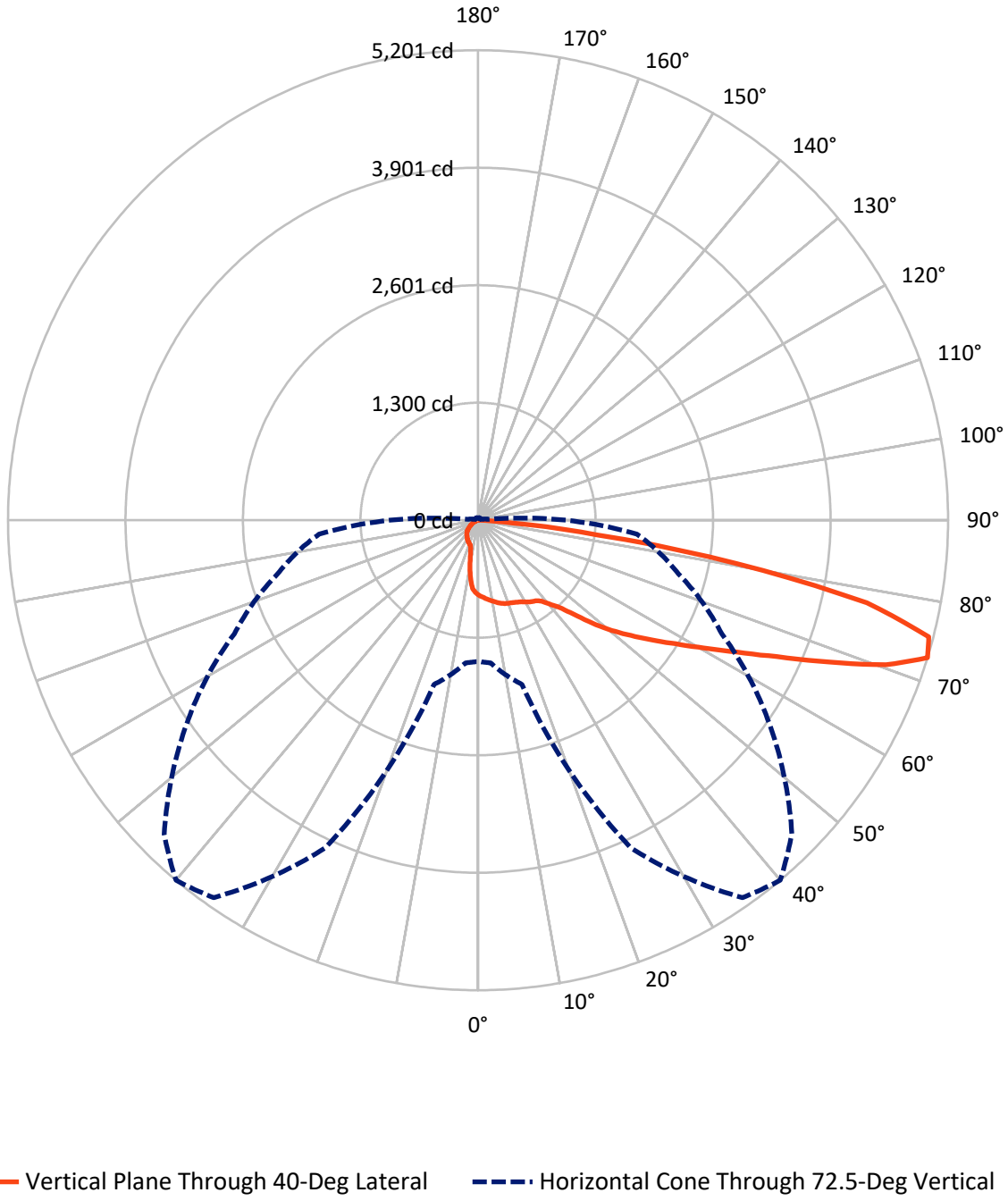
Based on 10 foot mounting height. Maximum calculated value = 9.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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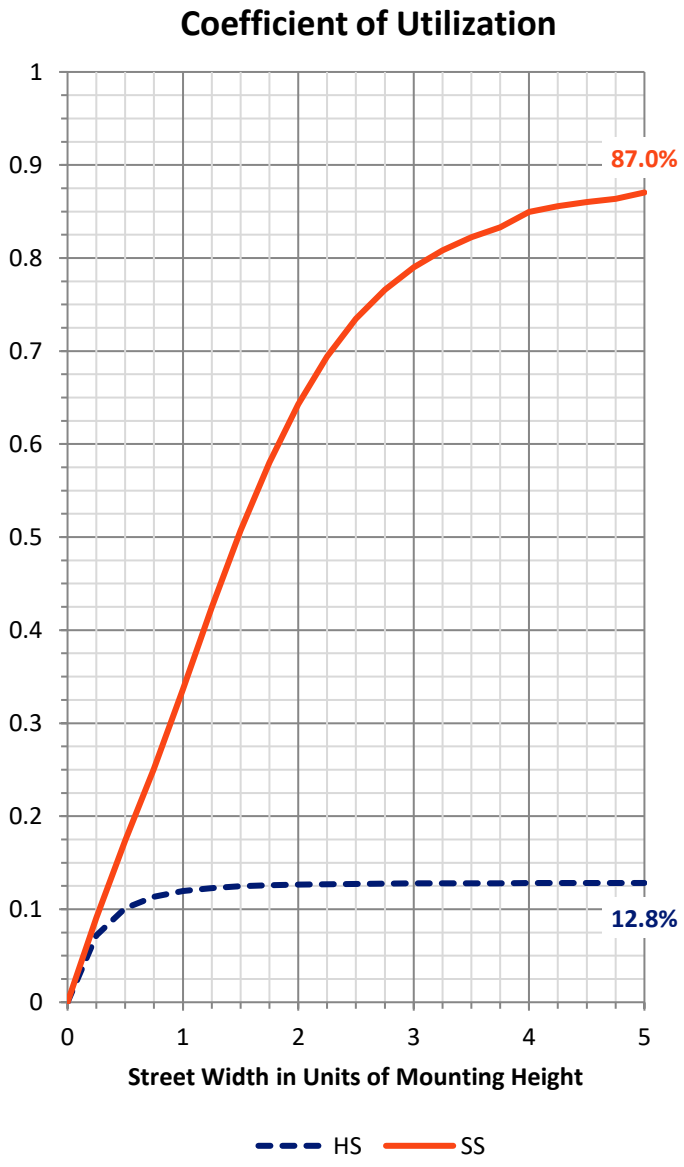
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	808.6	0.0	808.6
	% Fixture	12.9	0.0	12.9
Street Side	Lumens	5452.5	0.0	5452.5
	% Fixture	87.1	0.0	87.1
Total	Lumens	6261.0	0.0	6261.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.7	1.2
10°-20°	205.6	3.3
20°-30°	332.7	5.3
30°-40°	491.2	7.8
40°-50°	826.6	13.2
50°-60°	1283.6	20.5
60°-70°	1606.1	25.7
70°-80°	1314.9	21.0
80°-90°	124.7	2.0
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°	6261.0	100.0
0°-180°	6261.0	100.0



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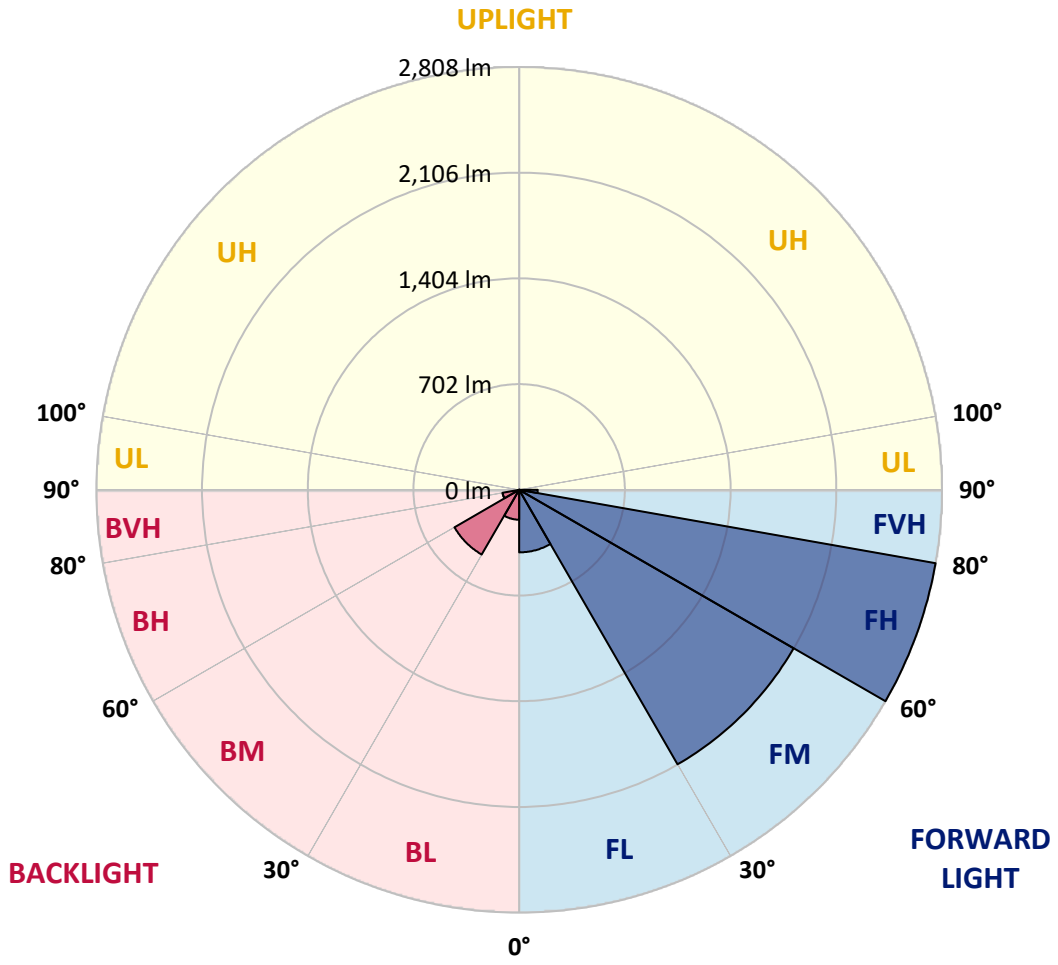
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	415.5	6.6			
FM	(30°-60°)	2104.8	33.6			
FH	(60°-80°)	2808.3	44.9			G2/5000
FVH	(80°-90°)	123.7	2.0			G2/225
BL	(0°-30°)	198.5	3.2	B1/500		
BM	(30°-60°)	496.5	7.9	B1/1000		
BH	(60°-80°)	112.6	1.8	B1/500		G1/500
BVH	(80°-90°)	1.0	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°	40°	45°	55°	65°	75°	85°
0°	829.0	829.0	829.0	829.0	829.0	*829.0*	829.0	829.0	829.0	829.0	829.0
2.5°	854.0	857.3	855.4	851.6	850.7	*848.8*	846.5	845.5	842.2	839.4	836.1
5°	878.0	881.4	879.0	873.8	871.4	*869.1*	865.8	863.0	856.4	850.2	842.7
7.5°	904.5	907.3	904.5	896.9	893.1	*890.3*	885.6	881.4	873.8	864.8	855.4
10°	933.7	936.1	931.8	921.9	915.8	*911.5*	907.3	902.6	895.5	885.6	874.3
12.5°	961.0	963.9	957.3	945.5	938.4	*934.2*	929.5	925.7	918.6	909.2	897.4
15°	986.0	990.3	979.0	966.2	958.2	*954.9*	950.2	947.8	943.1	936.5	925.7
17.5°	1004.9	1007.7	995.9	980.9	971.9	*969.5*	966.2	967.6	966.7	963.4	956.3
20°	1020.9	1022.8	1007.3	988.9	979.0	*979.4*	978.5	983.2	985.1	985.1	984.6
22.5°	1040.7	1041.2	1021.4	998.3	986.5	*989.8*	991.2	996.4	1000.2	1004.0	1012.4
25°	1066.7	1065.7	1042.2	1010.6	1000.2	*1004.9*	1008.2	1010.1	1014.3	1020.5	1039.8
27.5°	1105.3	1102.5	1072.3	1030.4	1018.1	*1022.3*	1028.5	1027.5	1025.6	1030.4	1062.9
30°	1154.4	1150.6	1110.5	1058.2	1046.9	*1050.6*	1052.5	1044.0	1030.4	1034.6	1083.2
32.5°	1232.2	1225.6	1169.9	1089.3	1071.9	*1076.1*	1073.7	1056.3	1036.0	1040.3	1103.5
35°	1367.5	1351.5	1272.7	1154.4	1100.2	*1095.4*	1089.8	1072.8	1047.8	1043.6	1120.4
37.5°	1655.2	1626.9	1492.5	1281.2	1164.3	*1133.6*	1116.2	1099.2	1060.5	1043.6	1139.8
40°	1979.6	1950.9	1795.7	1493.4	1270.9	*1219.0*	1177.5	1130.3	1073.7	1049.7	1169.9
42.5°	2318.2	2286.6	2127.2	1756.6	1423.2	*1316.6*	1239.3	1155.3	1095.4	1068.6	1210.0
45°	2696.4	2656.8	2448.4	2031.0	1644.3	*1478.8*	1338.8	1206.7	1133.2	1102.0	1264.7
47.5°	3095.3	3043.9	2768.5	2297.5	1882.5	*1703.3*	1520.8	1298.7	1188.8	1152.0	1338.8
50°	3449.0	3398.1	3099.1	2576.1	2105.1	*1916.9*	1728.3	1426.0	1272.3	1222.8	1438.3
52.5°	3703.2	3664.5	3400.0	2863.8	2336.6	*2117.3*	1916.4	1574.1	1377.9	1313.3	1555.7
55°	3873.4	3838.0	3613.1	3136.4	2605.9	*2338.0*	2101.8	1734.9	1505.2	1421.8	1685.4
57.5°	3976.7	3956.4	3767.3	3379.7	2872.8	*2579.4*	2314.0	1911.7	1655.2	1549.6	1830.1
60°	4013.5	3997.0	3863.0	3611.7	3195.3	*2869.5*	2563.4	2111.2	1837.2	1694.8	1978.7
62.5°	3915.4	3918.7	3931.9	3886.6	3535.3	*3209.0*	2862.4	2350.7	2039.0	1859.4	2118.3
65°	3453.7	3481.1	3731.9	4191.2	3985.6	*3634.3*	3242.9	2643.1	2270.1	2046.6	2229.1
67.5°	2859.6	2899.2	3211.3	4369.5	4465.7	*4186.5*	3773.0	3015.6	2545.5	2237.1	2271.0
70°	2189.0	2231.4	2609.6	4332.2	4915.1	*4790.1*	4428.4	3489.6	2830.8	2369.1	2164.0
72.5°	*1562.3*	*1584.0*	*1882.0*	*4000.7*	*5099.5*	*5201.3*	*4911.3*	*3938.5*	*2976.5*	*2296.0*	*1765.1*
75°	1097.8	1094.0	1291.6	3221.7	4812.3	*5151.4*	4742.0	3695.6	2693.6	1824.0	1088.4
77.5°	478.2	479.1	645.1	1956.5	3840.9	*4399.7*	3941.8	2314.9	1877.8	966.7	459.3
80°	124.0	127.8	236.7	779.0	2312.5	*2903.9*	2404.0	1017.6	867.7	235.8	87.7
82.5°	43.9	46.7	108.9	244.7	853.1	*1331.7*	1070.4	325.4	226.4	67.4	23.6
85°	12.7	15.1	58.5	75.0	176.4	*376.3*	259.8	63.2	55.6	34.9	6.1
87.5°	0.0	1.9	11.8	10.4	10.4	*7.1*	13.2	7.1	9.0	4.2	1.9
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°	829.0	829.0	829.0	829.0	829.0	829.0	829.0	829.0	829.0	829.0	829.0
2.5°	833.3	830.0	822.9	815.3	808.3	801.7	799.8	792.7	789.4	789.9	789.4
5°	837.5	831.4	817.7	801.2	784.2	764.9	748.8	726.2	706.9	704.5	703.1
7.5°	848.8	838.9	816.7	784.7	742.2	689.0	639.4	590.4	562.6	547.5	546.5
10°	866.3	853.1	819.1	757.8	667.7	572.5	497.5	435.7	404.1	389.5	386.7
12.5°	887.0	872.4	822.9	712.1	571.5	446.6	365.5	327.7	321.1	320.2	319.7
15°	916.2	900.2	827.1	650.3	467.3	340.0	302.7	303.2	308.4	311.2	310.8
17.5°	948.8	932.8	821.0	574.8	364.5	290.5	289.5	293.8	301.3	304.2	303.7
20°	981.8	966.7	799.3	486.2	294.7	276.8	280.6	285.3	292.8	296.6	296.6
22.5°	1015.7	1002.5	764.9	391.9	266.0	266.9	271.6	276.3	284.8	289.1	289.1
25°	1052.1	1040.7	719.1	314.1	253.7	256.5	262.7	268.3	277.3	282.5	282.5
27.5°	1088.8	1080.4	667.3	262.2	242.4	245.7	252.8	260.3	269.3	275.4	275.9
30°	1128.9	1124.2	625.8	242.9	231.5	234.4	242.4	250.9	260.8	268.3	269.3
32.5°	1169.9	1169.0	605.5	257.0	221.6	223.5	230.6	239.1	251.3	260.8	261.7
35°	1210.5	1212.4	593.7	297.1	218.3	213.1	217.9	225.4	240.0	251.8	253.7
37.5°	1262.4	1267.1	593.2	340.5	226.4	202.8	206.1	211.3	224.0	237.7	240.0
40°	1339.7	1364.7	623.4	377.7	240.5	193.3	194.3	195.2	201.8	213.1	216.9
42.5°	1442.5	1515.6	732.3	403.2	246.2	184.9	181.6	176.4	175.4	181.6	184.9
45°	1570.3	1698.1	923.8	417.3	240.5	175.4	166.5	152.8	147.6	151.8	151.8
47.5°	1720.7	1898.0	1150.6	420.6	231.1	163.6	147.6	129.7	125.4	126.9	126.4
50°	1867.4	2048.0	1350.1	393.3	215.5	148.5	126.9	111.8	108.9	109.4	109.4
52.5°	1997.1	2099.4	1406.7	328.7	194.8	130.2	108.9	98.6	96.7	96.7	96.2
55°	2082.9	2043.8	1254.4	251.3	168.8	111.3	93.4	88.2	87.2	86.8	85.8
57.5°	2100.8	1862.7	947.4	181.6	132.0	93.8	83.0	80.2	78.3	76.4	75.5
60°	2036.7	1560.9	603.1	126.9	99.0	80.2	73.6	71.7	67.9	64.1	62.7
62.5°	1898.0	1178.9	333.9	88.2	79.7	68.4	65.1	62.7	55.6	49.5	47.6
65°	1711.8	783.7	147.6	68.8	65.1	57.5	55.6	52.3	43.9	36.8	35.4
67.5°	1524.6	451.3	66.5	55.2	52.3	47.2	45.7	43.4	37.3	30.7	29.7
70°	1310.9	228.7	45.7	43.9	40.6	35.8	37.3	36.8	30.7	25.0	24.0
72.5°	*976.1*	*113.6*	*34.4*	*33.0*	*29.2*	*25.5*	*30.7*	*30.2*	*24.0*	*18.9*	*17.9*
75°	552.7	56.1	25.0	23.1	17.4	18.9	24.5	23.1	16.5	12.3	11.3
77.5°	219.3	28.8	16.5	14.1	10.4	12.7	17.9	15.6	8.5	5.2	4.7
80°	50.5	14.1	8.5	6.1	4.7	7.5	9.4	5.7	2.4	0.5	0.0
82.5°	14.1	6.1	2.8	2.4	2.4	2.8	2.4	0.9	0.0	0.0	0.0
85°	4.7	2.8	0.9	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
87.5°	1.9	0.9	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)