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: P1197821

Luminaire Tested: GPC-SB1B-735-U-SL4

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197821
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1B-735-U-SL4
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5612 lumens
Efficiency:	N/A
Efficacy:	141.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

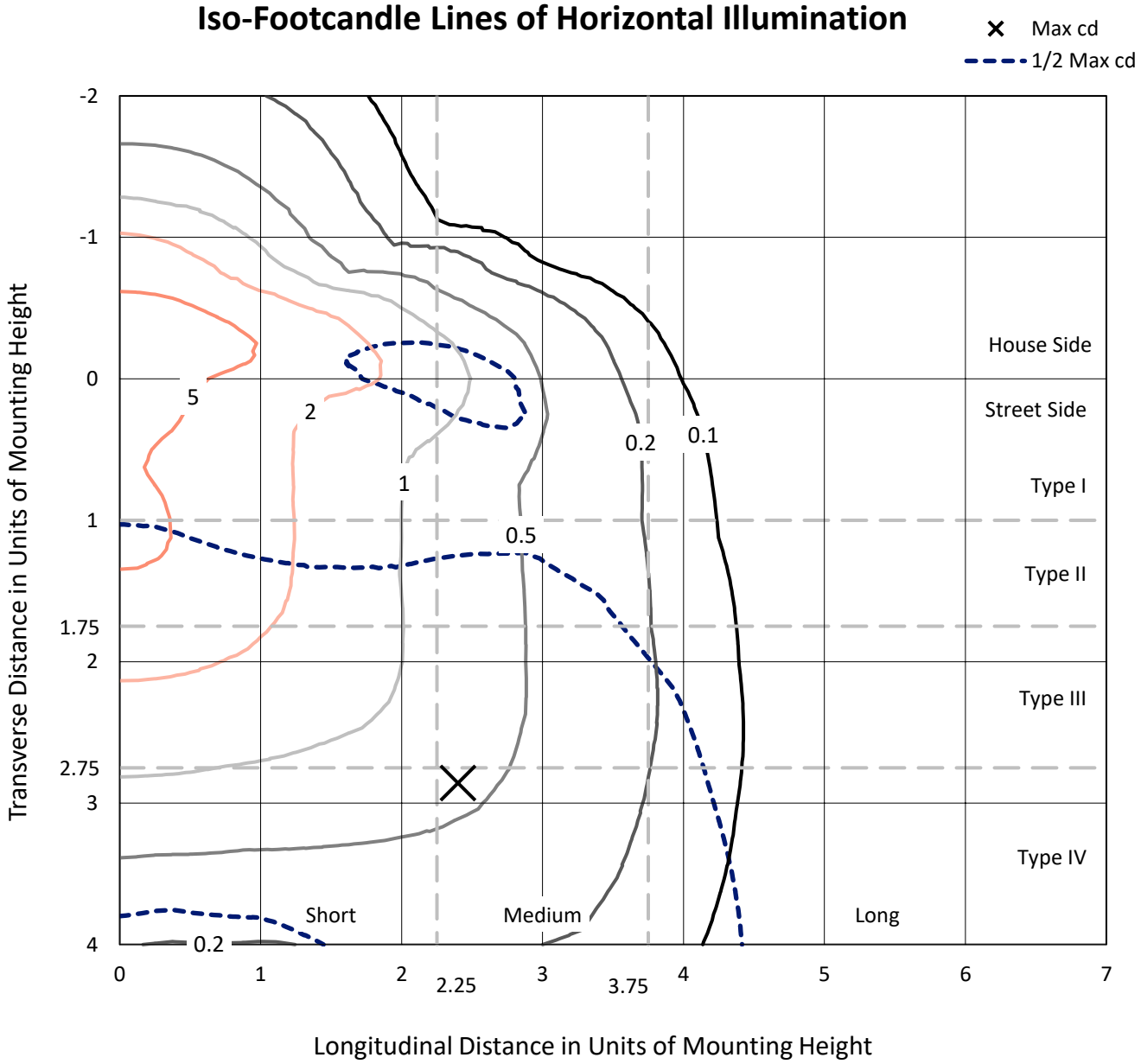


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Iso-Footcandle Lines of Horizontal Illumination



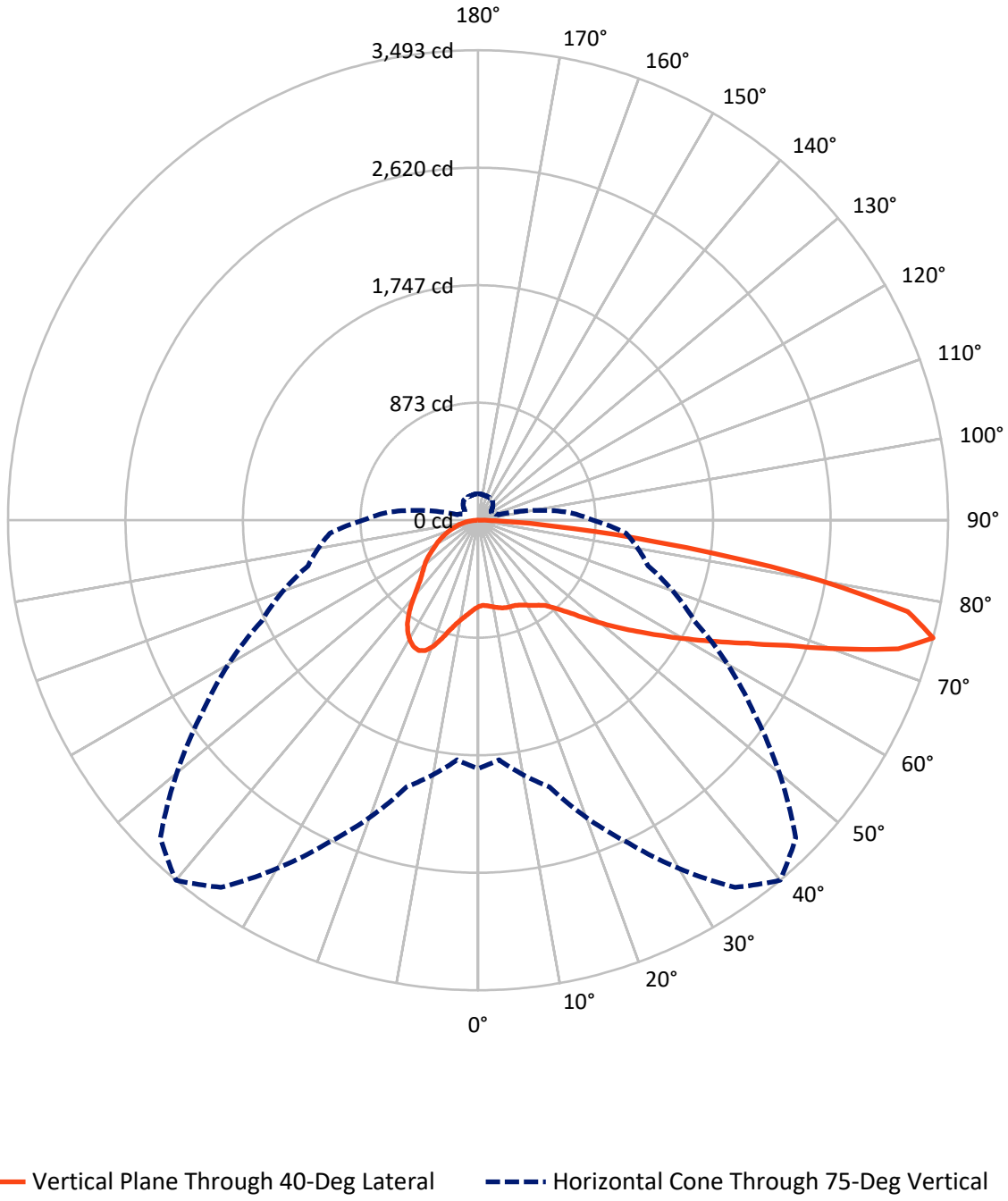
Based on 10 foot mounting height. Maximum calculated value = 8.3 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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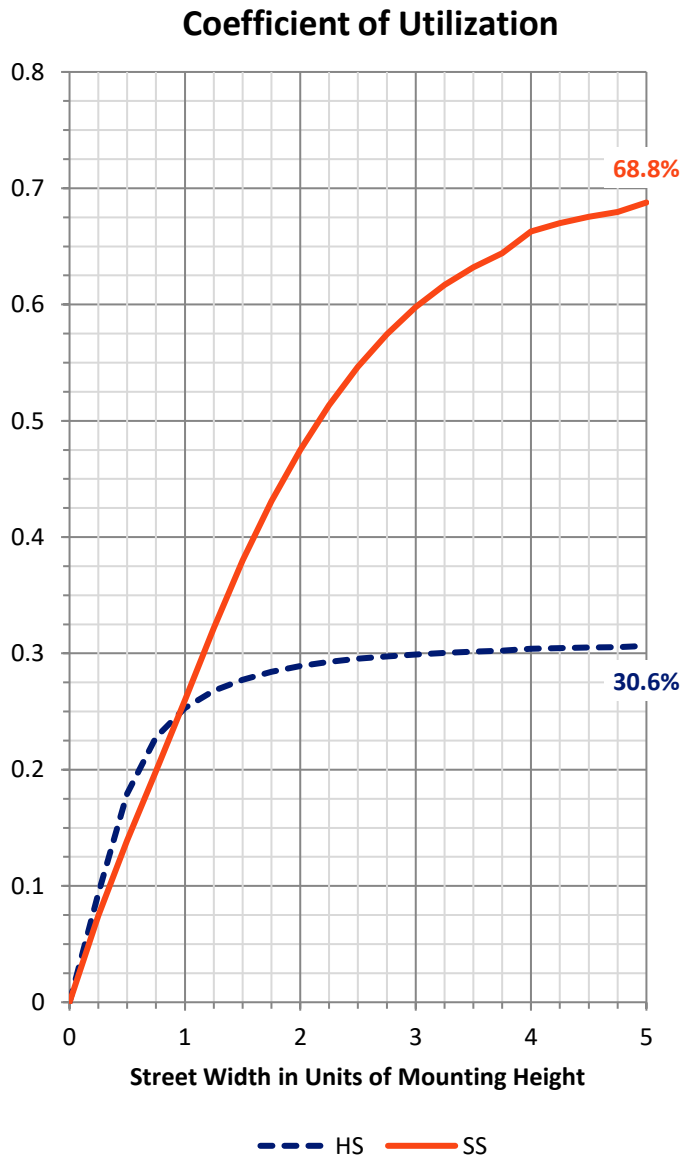
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1738.8	0.0	1738.8
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	3873.2	0.0	3873.2
	% Fixture	69.0	0.0	69.0
Total	Lumens	5612.0	0.0	5612.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.1	1.1
10°-20°	215.1	3.8
20°-30°	392.7	7.0
30°-40°	557.0	9.9
40°-50°	752.1	13.4
50°-60°	1011.7	18.0
60°-70°	1284.1	22.9
70°-80°	1165.4	20.8
80°-90°	169.9	3.0
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°	5612.0	100.0
0°-180°	5612.0	100.0



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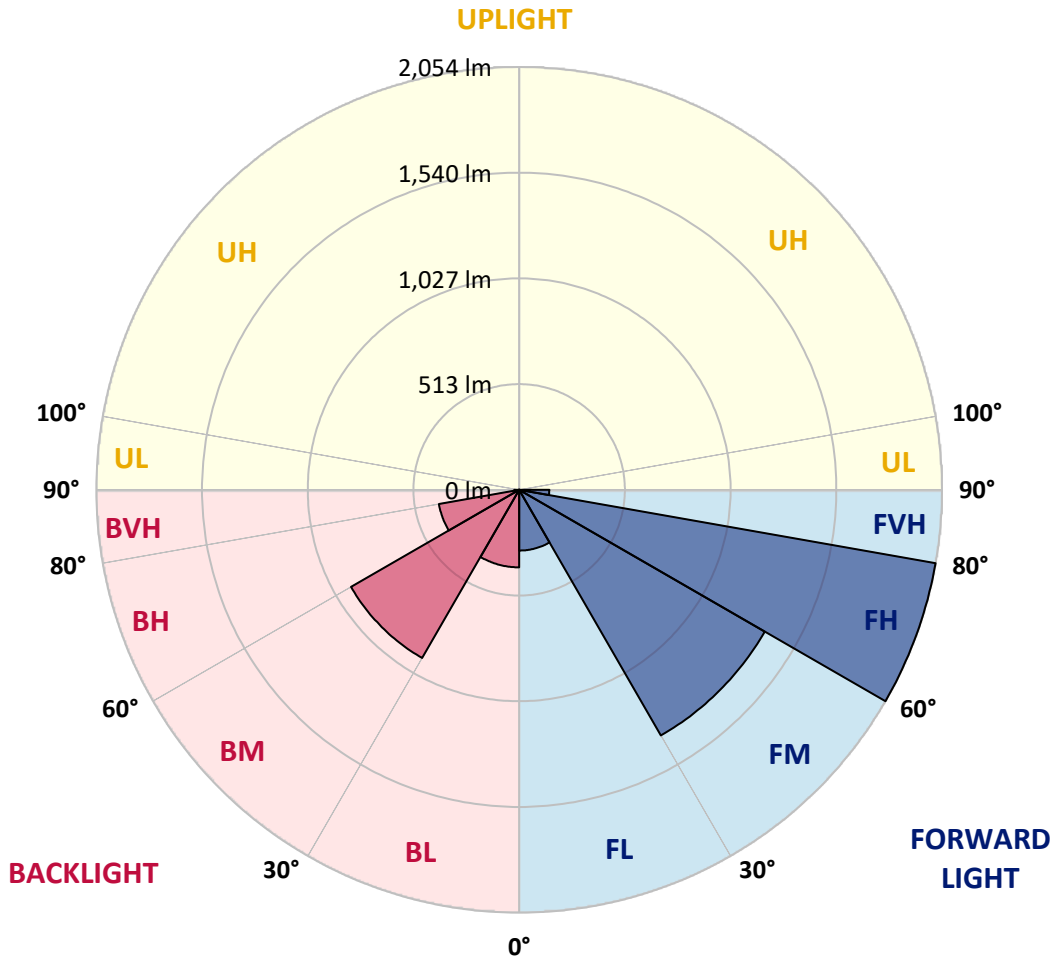
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	295.2	5.3			
FM	(30°-60°)	1377.6	24.5			
FH	(60°-80°)	2053.9	36.6			G2/5000
FVH	(80°-90°)	146.5	2.6			G2/225
BL	(0°-30°)	376.6	6.7	B1/500		
BM	(30°-60°)	943.1	16.8	B1/1000		
BH	(60°-80°)	395.6	7.0	B1/500		G1/500
BVH	(80°-90°)	23.4	0.4			G1/100
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 Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	641.7	641.7	641.7	641.7	641.7	641.7	641.7	641.7	641.7	641.7	641.7
2.5°	631.9	635.5	634.6	633.4	633.4	633.7	633.4	635.5	637.6	639.7	642.9
5°	638.5	642.0	640.3	638.8	637.6	637.3	636.4	636.1	637.3	640.0	644.4
7.5°	651.3	654.8	652.2	649.5	647.1	645.9	644.7	642.9	642.0	643.5	649.8
10°	665.6	669.1	665.8	661.1	657.2	655.7	654.5	652.8	651.6	652.5	659.3
12.5°	679.8	683.4	678.9	672.4	667.3	666.4	665.0	664.4	664.1	663.8	670.6
15°	693.2	696.2	690.6	682.8	677.5	676.0	674.5	675.4	676.9	678.6	686.4
17.5°	703.7	706.6	698.3	688.2	683.1	682.5	681.6	684.6	688.8	693.2	702.8
20°	713.2	716.2	705.4	691.7	685.8	685.8	686.1	692.3	698.3	704.8	717.9
22.5°	726.6	729.0	715.9	697.1	688.5	689.1	691.4	697.7	705.1	714.1	732.2
25°	746.5	748.3	732.2	707.2	697.4	699.2	701.3	704.2	711.4	721.8	746.2
27.5°	778.7	780.1	759.0	725.1	710.2	713.2	716.2	714.1	717.3	726.3	757.5
30°	823.9	824.8	798.0	753.1	731.9	733.4	734.0	725.4	719.1	726.3	765.6
32.5°	877.5	877.2	845.3	787.0	756.6	755.1	750.1	733.1	718.5	724.8	772.7
35°	960.5	957.3	916.2	834.6	784.6	775.4	763.5	741.8	721.5	723.3	779.0
37.5°	1098.0	1087.9	1031.1	912.6	826.3	802.8	785.2	755.7	728.1	722.7	786.4
40°	1253.1	1240.3	1177.8	1019.5	888.8	851.0	822.7	775.7	738.8	725.4	797.4
42.5°	1437.1	1418.9	1351.6	1145.4	968.0	913.2	870.6	801.0	754.6	734.0	812.3
45°	1663.0	1638.9	1543.6	1287.3	1067.7	994.8	937.9	839.4	778.7	750.7	834.6
47.5°	1891.3	1897.2	1761.8	1449.9	1187.3	1095.4	1022.1	897.1	813.8	777.5	870.6
50°	2133.9	2138.0	1978.8	1629.9	1323.1	1209.1	1116.8	961.7	862.6	815.6	924.5
52.5°	2323.2	2323.8	2175.8	1818.4	1464.5	1334.1	1218.9	1035.5	919.2	866.2	996.2
55°	2441.6	2440.2	2314.0	1996.7	1627.0	1465.3	1332.0	1119.5	988.2	925.7	1086.4
57.5°	2527.7	2523.2	2409.2	2149.9	1800.2	1620.4	1460.0	1214.7	1069.8	996.5	1205.2
60°	2560.4	2557.7	2473.8	2282.4	1982.4	1791.9	1607.6	1321.3	1162.3	1080.2	1357.9
62.5°	2572.9	2578.0	2537.2	2410.7	2177.3	1981.8	1769.8	1448.7	1266.5	1174.8	1518.9
65°	2617.0	2626.2	2617.9	2578.6	2397.6	2204.1	1985.0	1600.2	1380.2	1276.3	1687.1
67.5°	2704.2	2713.4	2717.0	2779.5	2666.7	2481.2	2253.5	1788.9	1513.3	1381.7	1813.6
70°	2702.1	2699.4	2762.5	2939.3	3003.6	2864.9	2615.5	2021.1	1671.9	1469.2	1829.7
72.5°	2459.5	2438.1	2587.2	2937.5	3284.0	3265.6	3057.5	2320.5	1808.8	1479.9	1587.7
75°	1845.2	1788.0	2051.4	2647.3	3330.7	3493.0	3338.5	2506.2	1776.4	1307.6	1104.9
77.5°	789.1	731.6	1042.1	1959.7	2981.0	3265.3	3080.7	2186.6	1418.0	864.7	542.6
80°	206.6	206.3	314.9	888.5	2027.3	2411.3	2115.4	1412.1	810.2	309.0	149.7
82.5°	85.4	83.3	115.8	345.6	990.6	1353.1	1104.3	629.8	292.6	83.6	49.7
85°	31.8	31.6	56.3	119.4	349.4	558.1	403.9	161.0	72.9	40.8	22.3
87.5°	8.9	8.6	12.2	41.4	85.1	129.2	69.1	26.5	20.5	16.1	6.5
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°	641.7	641.7	641.7	641.7	641.7	641.7	641.7	641.7	641.7	641.7	641.7
2.5°	643.8	645.3	648.0	650.1	652.8	655.7	659.9	662.6	665.3	667.0	665.8
5°	646.5	649.8	656.6	663.5	671.5	678.9	687.6	693.8	698.9	700.4	701.0
7.5°	652.5	657.8	669.4	681.0	693.8	706.0	718.5	729.2	737.9	741.2	741.5
10°	662.9	670.0	686.4	702.8	719.7	738.5	754.6	770.0	782.2	787.3	787.6
12.5°	676.0	684.9	706.3	729.0	752.5	778.4	799.2	818.2	833.4	840.3	840.3
15°	692.9	704.5	731.9	762.3	796.8	832.8	859.3	880.5	897.4	905.8	905.2
17.5°	711.4	726.9	761.4	807.2	856.6	904.0	934.9	950.4	968.0	976.0	975.7
20°	729.2	748.3	797.7	864.4	930.2	980.5	1005.5	1009.6	1010.8	1011.7	1014.1
22.5°	747.7	773.3	843.3	936.4	1007.0	1041.8	1045.4	1027.5	1002.5	990.9	994.2
25°	767.9	801.9	902.8	1015.9	1073.0	1077.2	1049.8	1006.4	959.0	937.3	940.6
27.5°	787.6	834.9	974.2	1091.8	1120.7	1084.1	1025.1	963.5	906.4	883.4	886.1
30°	807.2	872.7	1053.1	1158.2	1142.4	1067.1	986.1	917.4	859.9	835.8	838.5
32.5°	827.2	916.8	1143.9	1206.1	1138.5	1031.1	937.6	865.6	815.0	789.7	792.9
35°	849.8	970.9	1229.9	1232.3	1112.6	978.1	873.6	803.7	759.6	739.4	743.8
37.5°	879.3	1039.7	1305.8	1238.8	1067.4	900.4	794.1	730.4	694.1	684.9	691.4
40°	915.9	1122.4	1363.8	1228.4	1000.4	806.0	707.2	656.3	635.8	637.9	645.0
42.5°	963.5	1215.0	1404.6	1201.6	907.2	708.7	631.0	608.4	618.2	626.6	634.3
45°	1025.4	1311.2	1429.9	1156.1	801.9	626.3	586.1	591.4	598.9	599.8	605.7
47.5°	1104.6	1408.5	1446.6	1087.3	694.4	568.2	557.5	558.7	557.2	551.0	555.7
50°	1203.4	1503.1	1461.5	996.2	603.0	531.9	517.6	513.5	492.9	472.7	475.4
52.5°	1315.9	1590.1	1467.7	883.1	531.9	501.5	478.3	452.1	413.7	407.5	409.6
55°	1440.9	1670.4	1451.7	744.1	472.1	462.6	427.4	395.9	391.7	386.4	387.2
57.5°	1590.4	1757.0	1418.9	589.1	410.8	417.0	382.8	386.4	378.9	370.6	369.1
60°	1753.8	1846.6	1361.5	447.7	347.4	360.2	371.2	370.9	368.8	361.9	359.6
62.5°	1900.8	1905.6	1248.4	342.9	291.7	316.1	346.2	345.9	344.1	340.2	338.7
65°	1988.3	1896.6	1059.6	270.0	245.9	279.8	312.2	314.6	314.9	314.6	314.6
67.5°	1972.8	1792.2	800.7	214.9	208.1	242.9	278.6	281.9	284.3	284.9	285.4
70°	1797.8	1562.7	522.1	171.4	174.4	210.4	246.8	250.0	252.1	254.5	255.7
72.5°	1401.3	1148.9	298.8	138.7	145.0	182.5	215.2	219.1	220.3	224.7	226.5
75°	*854.0*	*675.7*	*161.3*	*109.2*	*119.1*	*156.0*	*183.9*	*188.4*	*190.5*	*195.9*	*196.5*
77.5°	406.0	292.6	92.0	85.1	95.8	127.4	155.4	160.4	154.8	157.8	155.4
80°	137.2	108.6	58.0	64.9	73.2	99.4	124.4	129.5	117.6	117.0	115.8
82.5°	47.9	44.1	36.9	43.2	47.3	71.1	94.1	100.6	87.5	87.2	83.0
85°	18.8	17.9	20.5	23.5	28.3	43.8	61.9	65.2	53.9	43.5	42.9
87.5°	3.9	4.2	5.1	5.4	8.6	15.2	22.3	27.4	21.7	18.5	17.0
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)