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: P1197356

Luminaire Tested: GPC-SB1A-735-U-T3R

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197356
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-5)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-735-U-T3R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE III ROADWAY OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4630 lumens
Efficiency:	N/A
Efficacy:	149.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - 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

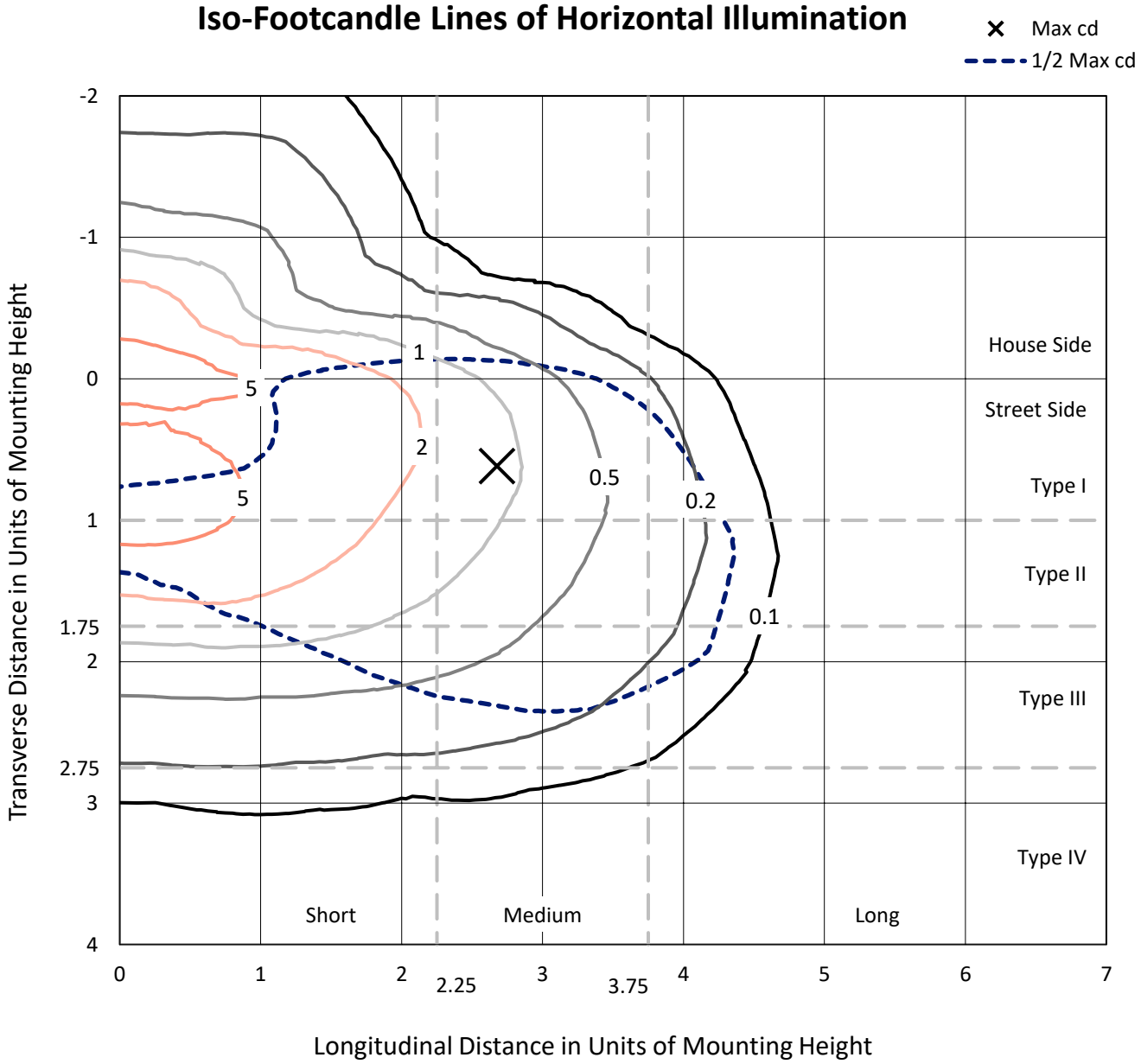


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Iso-Footcandle Lines of Horizontal Illumination



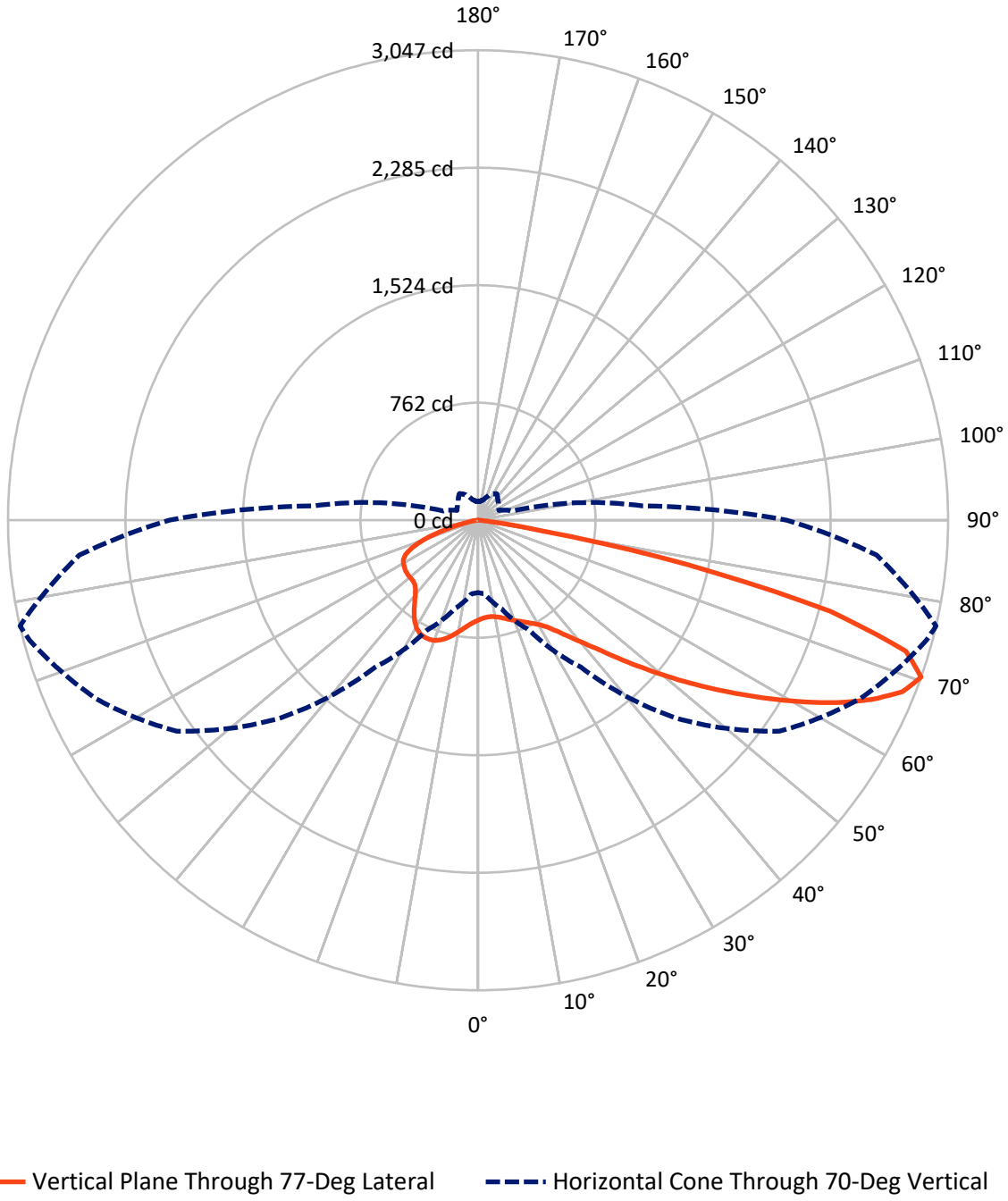
Based on 10 foot mounting height. Maximum calculated value = 7.7 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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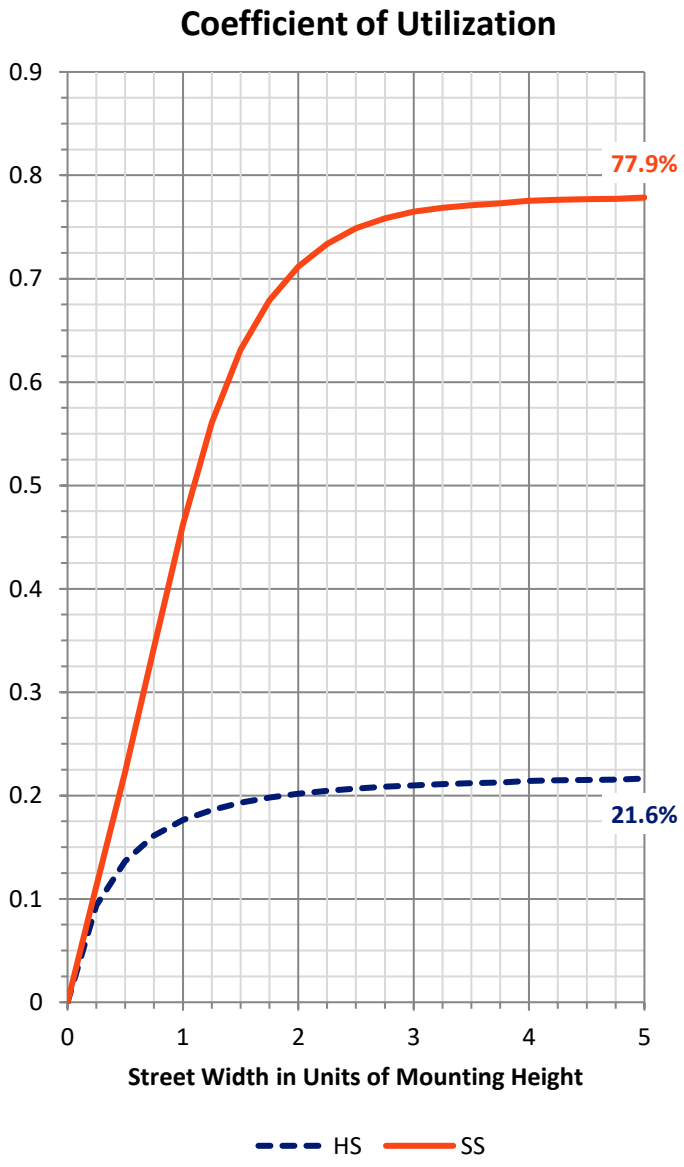
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1013.9	0.0	1013.9
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	3616.1	0.0	3616.1
	% Fixture	78.1	0.0	78.1
Total	Lumens	4630.0	0.0	4630.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.6	1.3
10°-20°	177.8	3.8
20°-30°	304.1	6.6
30°-40°	489.0	10.6
40°-50°	763.4	16.5
50°-60°	1019.7	22.0
60°-70°	1086.8	23.5
70°-80°	669.1	14.5
80°-90°	58.6	1.3
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°	4630.0	100.0
0°-180°	4630.0	100.0



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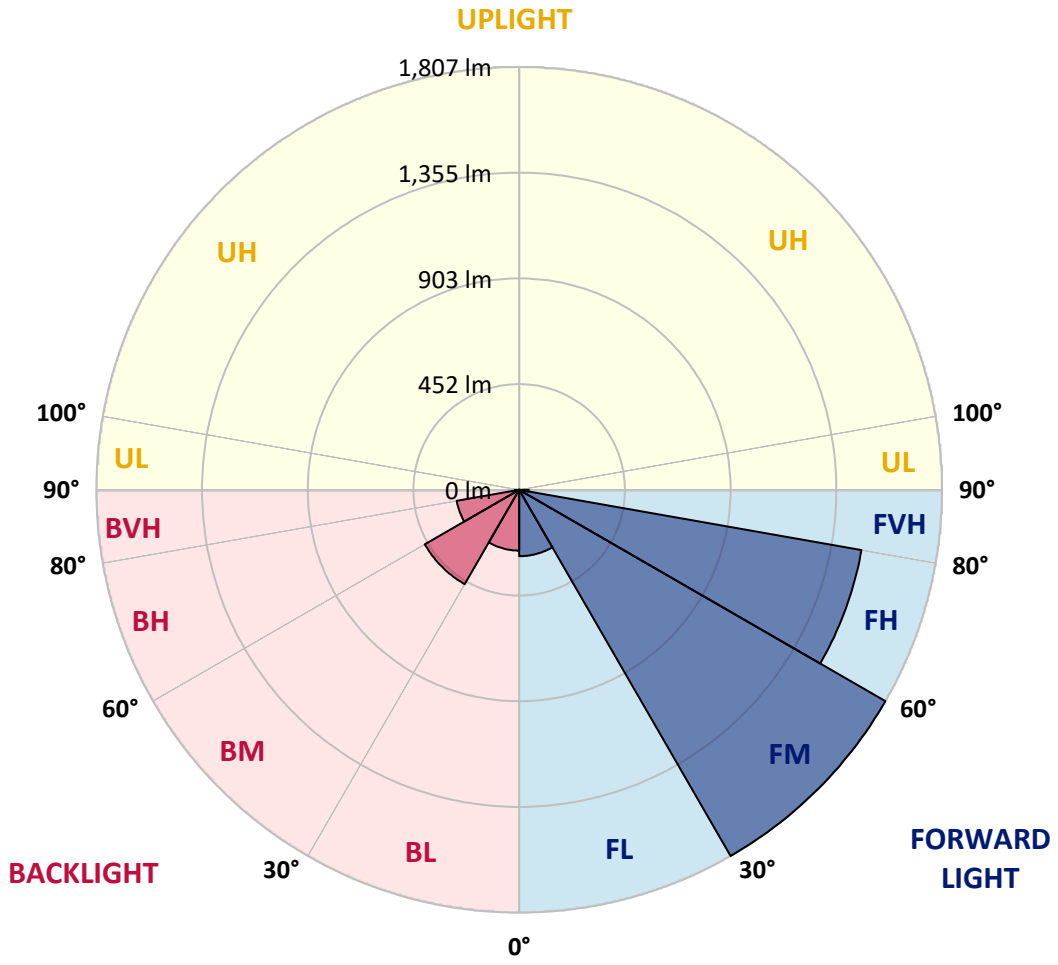
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	283.7	6.1			
FM	(30°-60°)	1806.5	39.0			
FH	(60°-80°)	1484.9	32.1			G1/1800
FVH	(80°-90°)	41.0	0.9			G1/100
BL	(0°-30°)	259.8	5.6	B1/500		
BM	(30°-60°)	465.5	10.1	B1/1000		
BH	(60°-80°)	271.0	5.9	B1/500		G1/500
BVH	(80°-90°)	17.6	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-G1
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	645.9	645.9	645.9	645.9	645.9	645.9	645.9	645.9	645.9	*645.9*	645.9
2.5°	595.4	595.2	598.3	599.2	604.9	608.9	616.5	624.6	635.0	*636.2*	642.6
5°	561.0	561.0	564.6	568.4	575.7	583.8	595.4	609.4	627.4	*630.3*	646.2
7.5°	531.9	533.8	536.8	544.2	552.7	564.4	582.1	602.1	625.8	*630.3*	655.9
10°	508.4	510.5	514.3	520.3	533.1	549.2	572.4	598.0	629.8	*636.9*	670.1
12.5°	501.0	503.2	505.3	509.8	521.7	540.6	568.4	599.9	639.5	*646.6*	689.6
15°	518.1	520.7	519.1	517.9	524.0	541.4	570.3	606.8	651.6	*661.8*	713.5
17.5°	557.5	558.4	554.6	543.5	542.5	551.8	579.3	616.3	666.8	*677.9*	737.7
20°	621.0	619.4	611.5	589.5	576.9	575.0	594.7	630.5	682.4	*694.3*	763.8
22.5°	707.3	705.4	689.8	654.9	627.0	608.5	617.0	649.0	700.0	*713.3*	789.2
25°	815.0	812.4	789.4	742.0	698.6	652.8	647.3	673.4	721.6	*733.9*	815.7
27.5°	940.7	938.5	913.6	851.0	788.4	713.5	685.1	702.1	744.1	*758.1*	845.6
30°	1075.8	1082.0	1037.9	970.6	891.4	792.7	735.8	737.5	773.3	*785.8*	881.9
32.5°	1234.7	1245.4	1192.3	1106.9	998.8	878.8	799.8	786.8	815.7	*826.1*	927.6
35°	1392.2	1404.3	1360.1	1265.8	1141.3	980.3	866.7	843.5	872.1	*883.5*	988.3
37.5°	1528.3	1544.4	1521.6	1439.6	1293.8	1102.6	954.0	910.1	941.6	*955.8*	1069.9
40°	1635.7	1660.3	1658.7	1607.5	1473.5	1251.1	1064.7	992.4	1027.9	*1043.3*	1168.8
42.5°	1722.9	1744.3	1762.8	1760.2	1661.1	1419.7	1194.9	1099.3	1126.3	*1144.1*	1280.0
45°	1783.2	1805.9	1845.8	1888.7	1841.5	1600.1	1344.0	1226.2	1250.8	*1277.6*	1412.6
47.5°	1837.0	1862.9	1914.5	1982.6	1994.7	1781.3	1507.4	1373.9	1396.4	*1424.2*	1545.6
50°	1841.7	1864.0	1944.2	2040.7	2103.5	1955.3	1682.9	1539.6	1560.8	*1590.4*	1688.1
52.5°	1727.2	1762.3	1902.2	2039.0	2153.6	2100.9	1857.2	1712.0	1735.8	*1771.3*	1835.6
55°	1340.7	1392.2	1779.1	1975.5	2135.8	2195.1	2022.9	1895.3	1925.7	*1962.9*	1984.0
57.5°	1154.8	1177.3	1412.3	1859.8	2054.7	2219.5	2162.8	2080.5	2129.4	*2170.2*	2141.0
60°	1037.9	1056.6	1195.6	1679.8	1948.0	2180.8	2270.9	2253.2	2337.6	*2386.2*	2301.5
62.5°	912.7	930.5	1056.9	1402.6	1811.4	2116.6	2339.2	2412.5	2551.0	*2604.1*	2452.8
65°	788.4	803.6	924.8	1178.5	1637.8	2052.3	2374.6	2550.3	2748.5	*2803.5*	2578.5
67.5°	650.0	662.5	777.1	994.3	1426.8	1964.3	2392.1	2658.6	2920.4	*2967.6*	2640.6
70°	*469.0*	*478.8*	*597.1*	*786.3*	*1161.9*	*1813.1*	*2385.0*	*2735.5*	*3009.6*	*3047.3*	*2593.7*
72.5°	221.7	230.5	369.4	510.5	820.7	1518.5	2241.1	2674.5	2919.0	*2900.3*	2306.3
75°	118.3	125.9	212.2	280.0	433.5	1041.0	1833.9	2303.9	2451.2	*2360.1*	1704.5
77.5°	80.1	86.1	131.4	168.1	198.0	494.2	1178.7	1595.1	1534.7	*1384.3*	853.6
80°	63.5	69.7	107.7	113.8	95.8	178.6	487.1	738.4	530.4	*424.2*	242.8
82.5°	48.8	55.7	90.6	82.5	52.2	73.3	141.8	233.6	135.9	*103.4*	58.8
85°	29.9	37.2	71.1	52.6	29.4	33.4	48.1	65.0	41.5	*34.6*	21.1
87.5°	15.2	21.3	36.0	19.2	13.3	7.8	12.8	12.8	10.9	*9.5*	5.5
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°	645.9	645.9	645.9	645.9	645.9	645.9	645.9	645.9	645.9	645.9	645.9
2.5°	648.3	653.0	661.1	668.7	674.6	680.3	686.0	689.1	690.0	693.8	696.0
5°	655.9	664.7	680.3	695.0	704.3	710.0	714.0	716.4	716.8	718.0	719.9
7.5°	669.9	683.9	705.7	720.4	727.3	726.8	725.1	719.2	716.8	714.7	715.2
10°	689.6	708.1	734.8	745.0	740.8	729.4	714.7	697.4	689.3	681.5	679.1
12.5°	714.0	737.5	763.8	763.3	742.2	713.0	678.9	652.3	635.5	623.4	620.6
15°	743.6	770.7	790.8	774.7	728.4	676.0	626.0	591.4	576.2	562.9	561.5
17.5°	774.2	803.1	812.4	771.1	693.8	621.3	564.6	537.3	522.4	515.3	517.4
20°	804.1	832.8	825.2	750.7	641.2	559.1	508.6	493.7	490.6	492.3	491.6
22.5°	835.6	861.2	827.8	711.4	574.1	495.6	467.8	468.3	475.2	480.2	481.4
25°	867.9	885.2	820.9	654.5	502.0	448.9	442.0	449.6	463.1	472.8	475.4
27.5°	898.9	906.5	806.0	584.0	440.1	415.4	416.6	432.3	452.7	466.2	469.5
30°	934.0	925.5	777.3	504.8	397.2	386.8	396.7	415.0	435.4	447.5	450.3
32.5°	973.6	941.9	731.8	431.6	366.8	363.7	380.1	392.0	401.0	404.5	406.4
35°	1023.0	964.9	673.4	380.1	339.6	346.9	362.6	356.6	353.1	351.2	353.1
37.5°	1087.0	995.9	605.1	346.7	317.5	334.8	341.2	322.7	308.7	301.9	303.5
40°	1164.0	1041.5	539.5	320.8	303.5	324.4	313.2	291.0	273.2	263.4	264.2
42.5°	1249.6	1089.1	484.2	301.4	295.7	315.8	292.6	266.1	237.4	234.3	237.4
45°	1339.5	1138.2	446.5	286.4	291.9	308.5	280.8	237.8	217.4	230.0	236.7
47.5°	1429.4	1183.3	423.7	275.3	290.0	300.2	270.3	222.2	207.7	226.0	234.5
50°	1529.5	1223.6	413.5	267.2	287.9	296.9	254.7	218.2	197.5	209.6	218.6
52.5°	1628.8	1254.9	406.0	259.2	284.8	294.3	247.1	213.4	185.2	185.9	190.9
55°	1727.9	1275.3	397.7	248.5	277.9	288.6	246.4	208.2	175.9	172.6	175.0
57.5°	1833.7	1286.9	387.5	236.7	266.1	274.1	245.7	204.2	173.1	167.6	168.4
60°	1941.3	1303.9	374.2	222.2	250.2	256.8	244.0	202.7	171.4	162.2	162.9
62.5°	2037.8	1309.9	358.3	208.4	229.8	239.7	240.4	201.6	166.9	151.0	151.0
65°	2101.2	1284.3	330.6	192.8	207.7	222.2	233.6	197.5	158.9	143.0	143.0
67.5°	2098.6	1211.2	287.2	172.6	186.4	202.7	223.6	190.6	149.2	133.0	133.7
70°	*2000.9*	*1067.1*	*232.1*	*149.2*	*162.9*	*181.9*	*210.8*	*180.5*	*137.5*	*122.1*	*123.5*
72.5°	1716.1	835.2	168.6	121.6	135.6	160.3	194.2	168.1	125.7	112.4	111.7
75°	1225.9	528.6	114.3	93.4	105.5	135.9	173.6	153.7	114.8	112.9	106.5
77.5°	626.2	252.5	75.6	68.3	73.5	107.2	145.8	137.3	116.4	93.2	83.0
80°	203.7	93.2	47.7	46.5	48.8	71.4	112.9	112.6	88.2	63.3	56.0
82.5°	65.0	40.1	31.1	29.9	28.7	44.8	78.7	89.2	59.5	40.1	39.8
85°	25.8	23.9	18.3	16.8	12.1	21.1	41.3	59.3	44.3	28.9	29.6
87.5°	9.5	9.5	5.0	3.6	2.6	7.1	11.1	17.8	25.4	14.9	14.7
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)