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: P1197828

Luminaire Tested: GPC-SB1B-735-U-T2R

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197828
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1B-735-U-T2R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE II ROADWAY OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5766 lumens
Efficiency:	N/A
Efficacy:	144.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G1

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

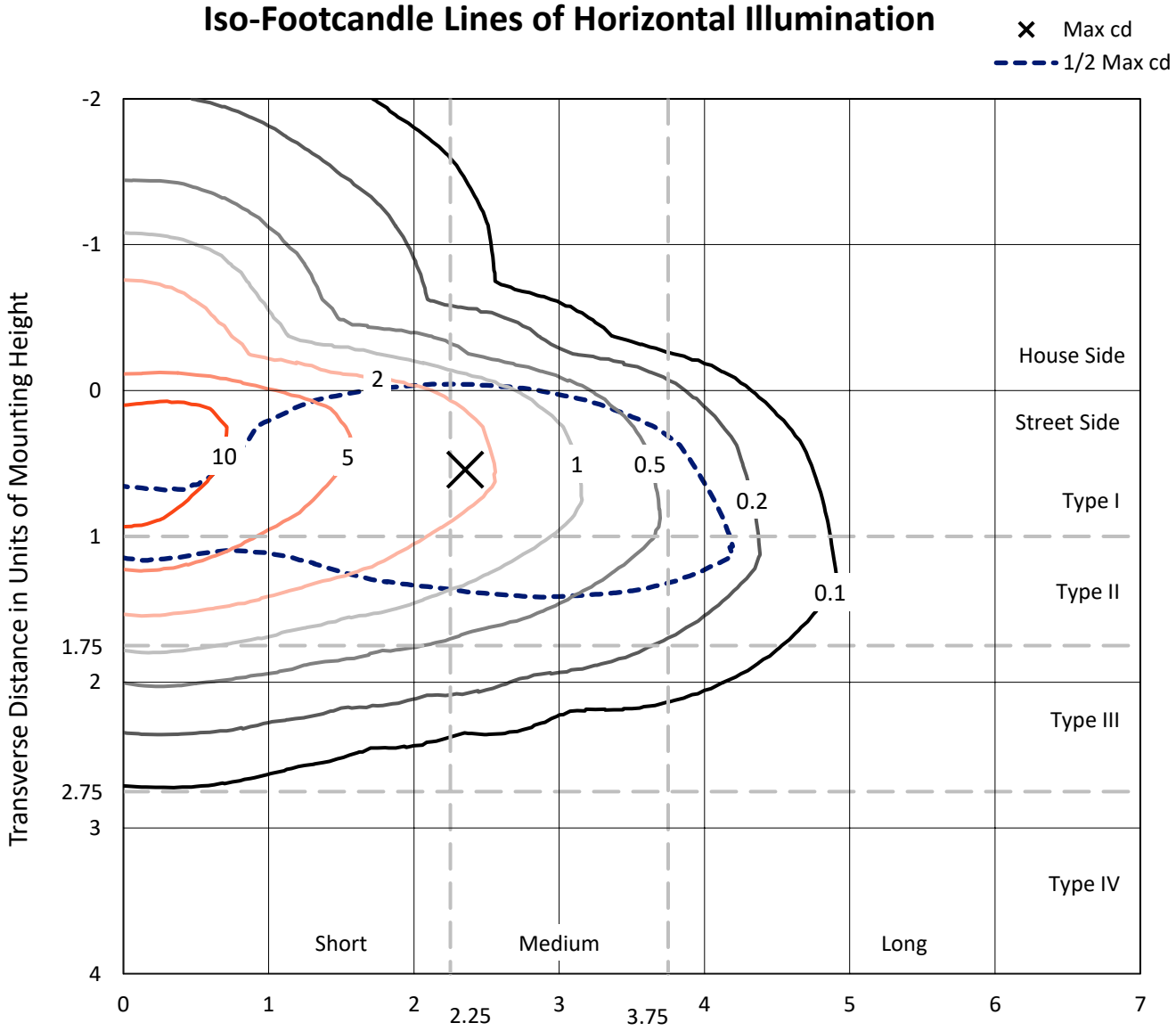


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Iso-Footcandle Lines of Horizontal Illumination



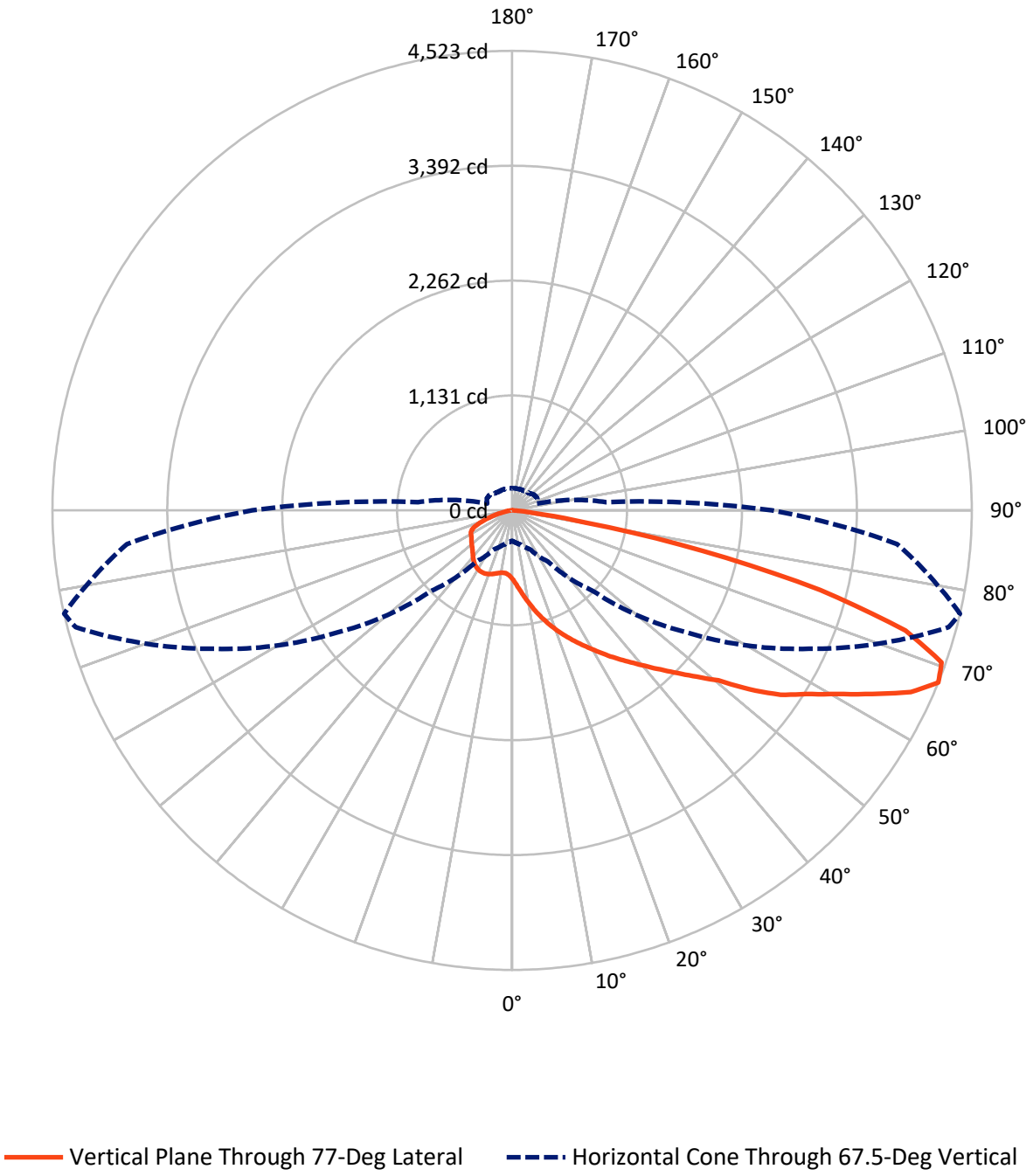
Based on 10 foot mounting height. Maximum calculated value = 13.2 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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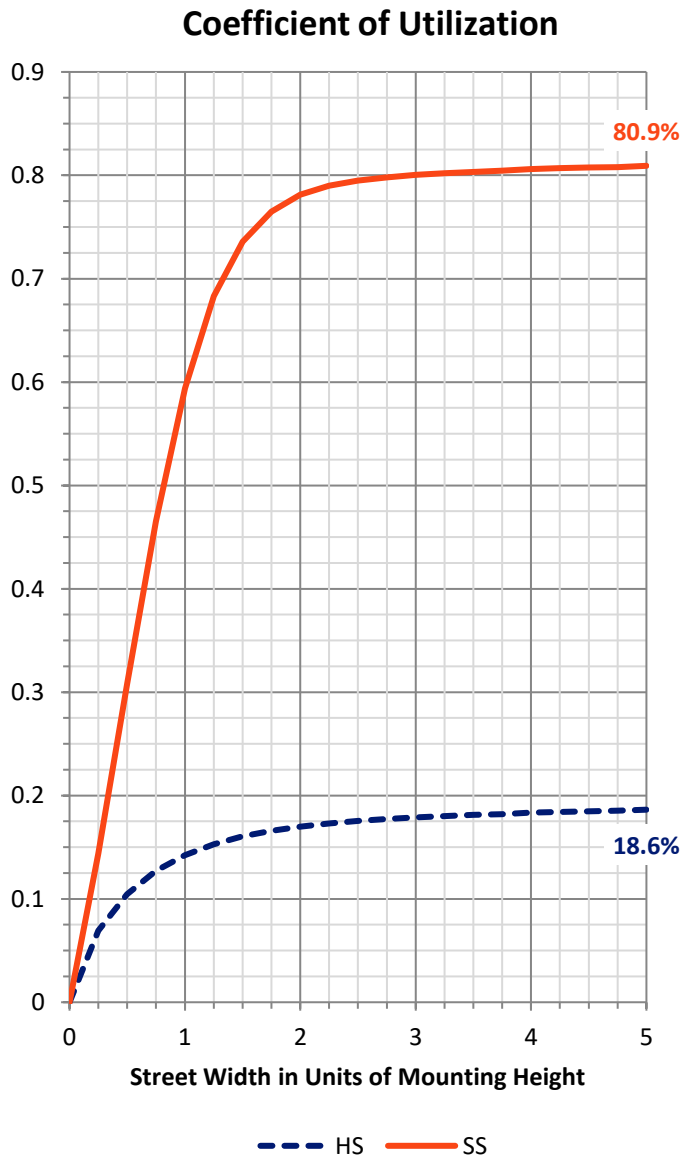
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1090.7	0.0	1090.7
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	4675.3	0.0	4675.3
	% Fixture	81.1	0.0	81.1
Total	Lumens	5766.0	0.0	5766.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.5	1.3
10°-20°	260.5	4.5
20°-30°	491.9	8.5
30°-40°	792.4	13.7
40°-50°	1083.9	18.8
50°-60°	1222.6	21.2
60°-70°	1141.2	19.8
70°-80°	625.6	10.8
80°-90°	75.5	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°	5766.0	100.0
0°-180°	5766.0	100.0



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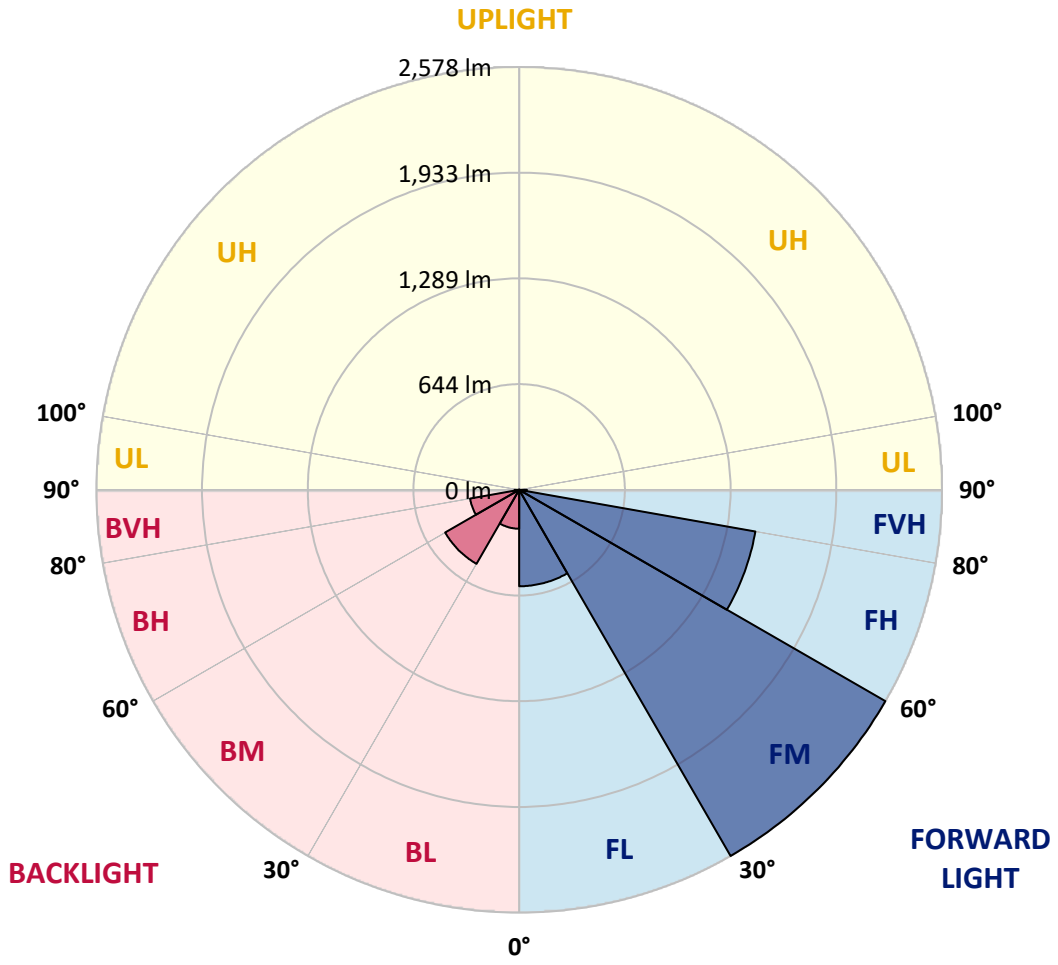
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	587.8	10.2			
FM	(30°-60°)	2577.9	44.7			
FH	(60°-80°)	1462.4	25.4			G1/1800
FVH	(80°-90°)	47.2	0.8			G1/100
BL	(0°-30°)	237.1	4.1	B1/500		
BM	(30°-60°)	521.0	9.0	B1/1000		
BH	(60°-80°)	304.3	5.3	B1/500		G1/500
BVH	(80°-90°)	28.3	0.5			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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	676.5	676.5	676.5	676.5	676.5	676.5	676.5	676.5	676.5	*676.5*	676.5
2.5°	847.1	853.0	845.6	845.6	820.6	807.5	782.5	763.4	729.2	*723.3*	700.6
5°	1001.3	1008.7	998.3	993.8	964.3	937.3	895.3	853.9	792.9	*786.7*	733.4
7.5°	1120.6	1130.1	1120.9	1116.1	1089.9	1059.6	1010.5	952.7	866.7	*854.5*	777.4
10°	1217.9	1219.4	1216.4	1218.2	1197.7	1172.7	1122.4	1055.1	947.7	*931.0*	830.7
12.5°	1273.0	1279.8	1285.8	1296.5	1292.9	1277.5	1232.2	1151.9	1033.4	*1012.0*	888.7
15°	1298.9	1310.8	1324.2	1348.9	1368.8	1372.7	1338.2	1255.7	1120.6	*1094.7*	947.4
17.5°	1308.1	1319.4	1340.6	1376.3	1419.1	1448.0	1432.5	1356.6	1206.9	*1177.2*	1009.0
20°	1354.8	1358.1	1370.9	1404.9	1451.3	1499.2	1510.8	1453.7	1292.3	*1258.7*	1072.7
22.5°	1454.9	1448.3	1451.9	1467.4	1500.7	1547.1	1573.6	1539.4	1380.1	*1341.5*	1137.0
25°	1620.0	1601.0	1581.9	1564.1	1581.1	1607.2	1637.3	1625.1	1472.1	*1423.0*	1201.9
27.5°	1828.7	1805.5	1763.5	1704.9	1684.3	1693.6	1707.0	1704.6	1557.2	*1507.5*	1268.8
30°	2034.1	2007.0	1957.0	1872.1	1818.0	1793.6	1783.4	1776.6	1649.8	*1596.8*	1336.4
32.5°	2198.1	2176.6	2127.5	2032.6	1954.0	1912.3	1878.7	1854.3	1746.5	*1693.6*	1407.8
35°	2341.5	2321.6	2265.3	2161.7	2076.3	2032.0	1987.9	1935.8	1847.1	*1793.6*	1484.6
37.5°	2472.5	2452.5	2375.4	2267.7	2181.7	2151.0	2111.7	2023.3	1948.0	*1897.4*	1565.9
40°	2555.2	2550.8	2478.7	2356.7	2267.4	2252.2	2239.1	2124.8	2060.0	*2012.9*	1655.2
42.5°	2576.4	2586.2	2529.0	2428.7	2343.6	2331.4	2362.1	2239.7	2185.6	*2140.6*	1756.4
45°	2525.5	2553.7	2516.2	2448.1	2397.8	2391.2	2471.0	2365.3	2324.6	*2283.5*	1878.4
47.5°	2396.6	2444.5	2429.0	2419.5	2412.4	2440.6	2566.8	2498.7	2482.0	*2446.3*	2017.7
50°	2136.4	2227.2	2254.3	2314.4	2383.5	2479.0	2654.0	2644.2	2665.9	*2629.9*	2187.3
52.5°	1686.7	1811.7	1968.9	2119.5	2294.8	2466.2	2749.9	2853.2	2944.8	*2925.2*	2457.0
55°	1392.4	1448.6	1569.4	1845.7	2122.8	2412.4	2793.0	3021.9	3221.6	*3204.1*	2661.5
57.5°	1166.1	1216.4	1290.9	1521.5	1862.6	2290.0	2819.8	3124.9	3411.2	*3409.4*	2863.3
60°	923.6	976.8	1053.0	1216.4	1558.7	2078.7	2813.9	3242.2	3653.2	*3668.1*	3109.4
62.5°	649.7	708.4	792.9	945.3	1248.3	1804.9	2692.4	3327.0	3938.0	*3978.5*	3405.6
65°	427.1	465.8	529.5	661.1	930.1	1452.8	2460.6	3338.0	4242.8	*4311.3*	3683.6
67.5°	*299.4*	*314.3*	*351.8*	*423.2*	*613.1*	*1114.1*	*2091.2*	*3224.0*	*4446.1*	*4523.2*	*3804.1*
70°	233.6	241.1	260.1	288.7	385.1	749.2	1602.5	2927.6	4402.7	*4483.0*	3678.2
72.5°	201.8	208.9	216.1	219.7	258.3	462.5	1085.5	2447.8	3993.4	*4047.9*	3198.1
75°	183.0	184.8	190.8	189.6	197.0	300.0	626.5	1783.4	3150.8	*3132.0*	2360.9
77.5°	153.9	156.3	166.1	164.6	175.0	205.1	325.3	1151.0	2042.7	*1915.3*	1314.1
80°	130.4	131.6	142.3	140.5	152.1	148.5	166.1	586.6	866.4	*734.0*	378.9
82.5°	45.2	56.0	108.6	111.9	116.1	89.9	95.8	239.3	264.6	*202.7*	79.5
85°	22.0	23.5	55.4	78.6	78.3	45.2	46.7	85.4	83.3	*65.5*	26.5
87.5°	3.6	4.5	6.5	30.7	24.4	11.9	16.1	16.7	17.3	*14.9*	6.0
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°	676.5	676.5	676.5	676.5	676.5	676.5	676.5	676.5	676.5	676.5	676.5
2.5°	684.0	669.1	637.8	609.0	586.3	564.6	552.4	542.0	536.0	534.9	534.9
5°	702.4	671.8	614.9	567.0	535.7	512.5	500.3	492.6	488.7	486.3	486.0
7.5°	728.9	684.0	603.0	548.5	515.8	499.1	492.9	491.7	491.4	491.7	492.6
10°	765.5	703.9	601.8	544.1	516.7	507.5	507.2	507.5	508.7	509.0	509.3
12.5°	805.1	724.5	606.6	548.0	528.0	522.9	522.1	521.8	522.7	523.2	523.5
15°	848.3	751.5	614.6	556.3	540.5	535.2	534.3	532.5	532.2	531.9	531.6
17.5°	892.6	778.3	623.6	565.2	548.5	541.1	537.8	533.7	530.4	529.5	530.4
20°	937.6	804.8	629.8	569.7	549.1	538.7	532.2	525.0	519.4	516.1	517.3
22.5°	985.5	832.5	633.7	568.5	543.8	529.5	517.6	509.3	500.6	495.0	495.3
25°	1032.2	856.6	633.4	562.2	533.4	515.2	500.0	489.3	477.4	471.5	471.5
27.5°	1077.2	878.3	625.9	551.2	518.5	498.2	480.1	467.3	455.7	450.0	449.7
30°	1123.6	896.5	614.3	535.2	500.9	478.6	458.7	447.6	437.2	431.9	431.6
32.5°	1169.7	913.2	598.0	515.2	480.7	459.3	439.6	429.5	423.2	423.2	423.5
35°	1218.5	924.8	576.2	492.0	459.3	438.7	423.2	417.3	416.7	413.1	412.2
37.5°	1270.0	932.2	549.7	468.2	438.1	418.8	414.0	406.9	400.9	393.2	392.0
40°	1324.2	939.6	517.9	443.5	415.8	405.1	403.0	393.5	376.5	357.5	354.8
42.5°	1390.0	944.7	484.9	418.8	392.3	388.7	391.7	375.3	348.2	333.9	334.2
45°	1466.2	953.0	454.5	394.4	368.2	368.2	380.7	359.2	336.9	328.0	329.5
47.5°	1565.0	972.4	426.2	367.6	345.9	351.8	356.3	339.9	327.4	316.4	316.1
50°	1707.8	1018.8	397.0	340.5	328.9	340.8	334.5	325.0	310.4	301.5	300.6
52.5°	1885.2	1046.2	371.2	316.1	314.3	326.2	317.3	308.4	297.3	285.4	283.1
55°	2006.1	1051.3	349.4	298.2	304.5	303.3	300.0	292.0	286.0	270.3	270.6
57.5°	2141.2	1061.4	331.6	287.5	298.2	285.1	283.9	277.1	269.4	258.6	255.1
60°	2302.8	1077.2	316.1	283.4	292.9	273.2	267.3	264.6	256.9	251.5	253.0
62.5°	2479.0	1091.4	300.3	283.9	286.6	261.6	252.7	251.8	247.0	245.3	245.3
65°	2599.3	1052.4	280.7	283.4	276.8	249.7	238.4	238.1	234.2	233.6	233.3
67.5°	*2557.3*	*928.9*	*254.2*	*275.0*	*266.7*	*237.8*	*225.3*	*224.1*	*219.1*	*219.4*	*219.4*
70°	2347.2	752.7	217.6	254.5	254.2	227.1	211.6	207.8	200.9	202.1	203.3
72.5°	1953.1	557.8	168.5	220.3	234.2	217.3	195.8	189.6	181.0	182.2	181.9
75°	1410.5	379.2	122.6	167.6	203.9	205.7	180.4	169.7	159.2	161.0	161.6
77.5°	721.8	214.9	90.2	115.5	160.1	186.9	166.4	152.1	149.7	166.4	164.0
80°	235.4	107.7	62.5	81.0	105.1	153.0	145.8	129.5	128.9	132.7	114.0
82.5°	70.2	45.5	40.2	53.3	58.0	117.3	125.9	97.9	84.2	88.7	91.7
85°	24.1	22.0	22.9	26.5	27.7	68.8	88.1	64.9	61.3	67.6	66.7
87.5°	5.7	7.7	6.5	6.0	6.0	16.7	34.2	27.1	37.5	25.0	24.1
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)