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: P1199254

Luminaire Tested: GPC-SB2A-735-U-T2-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1199254
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2A-735-U-T2-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6550 lumens
Efficiency:	N/A
Efficacy:	114.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
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

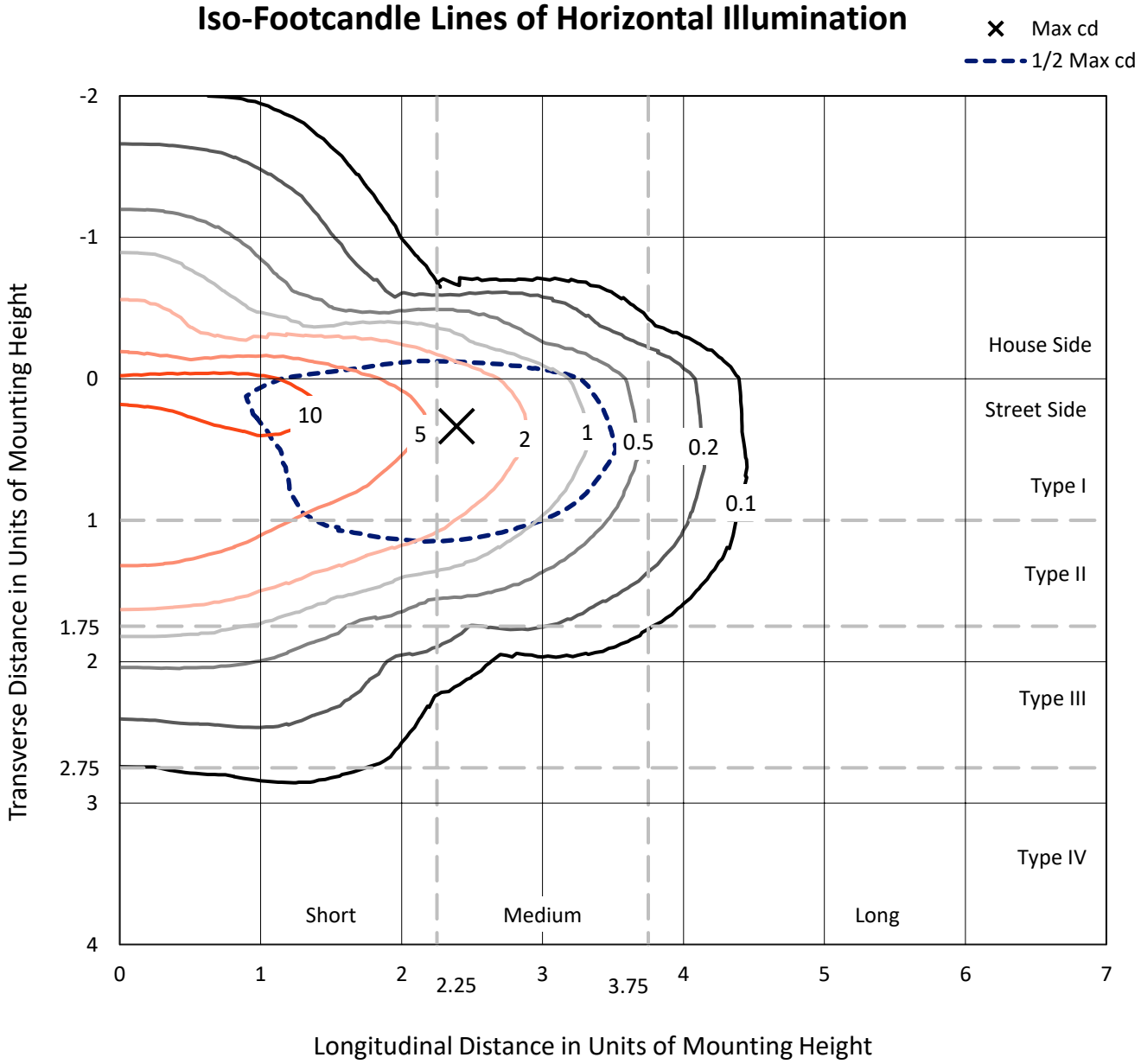


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Iso-Footcandle Lines of Horizontal Illumination



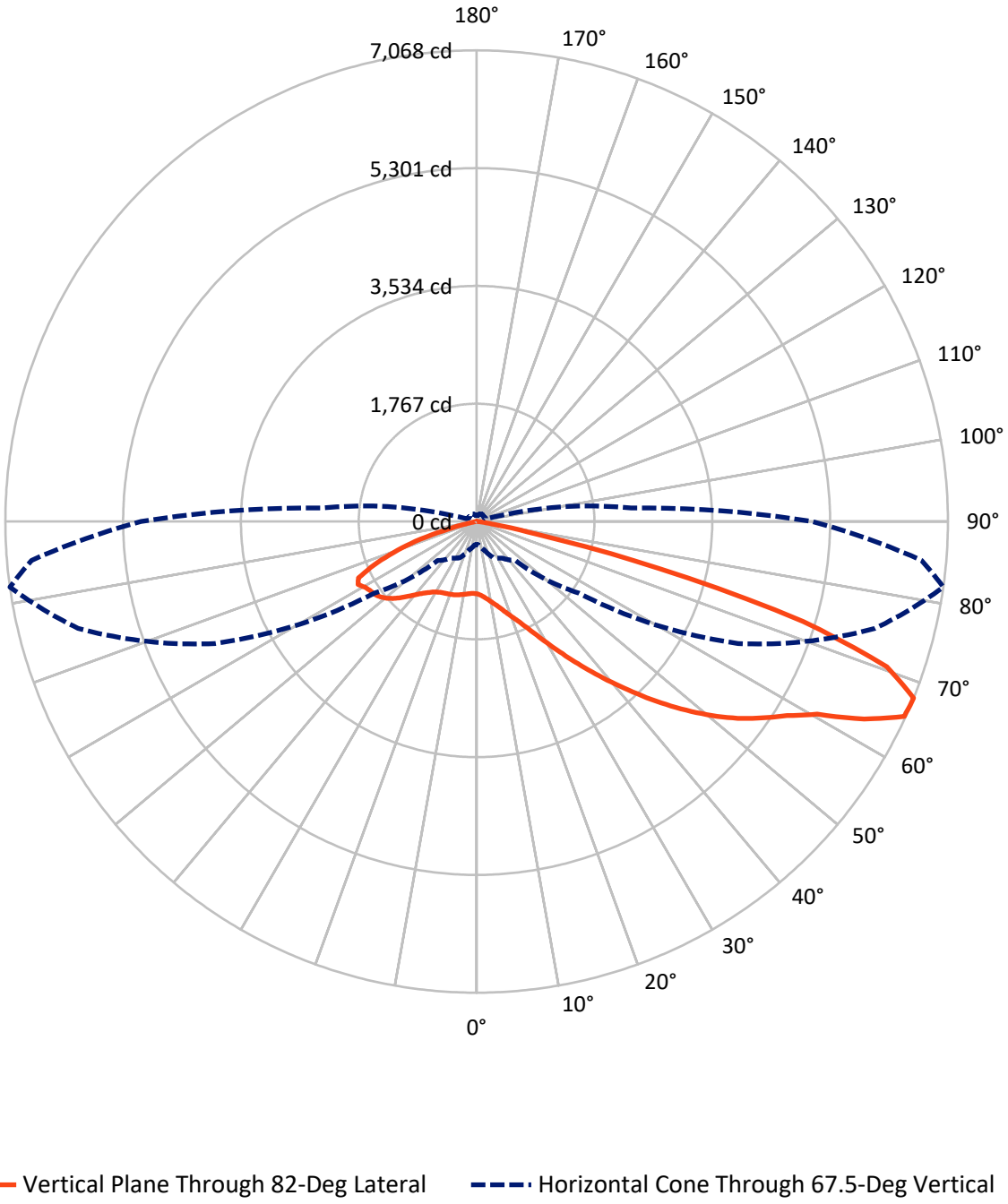
Based on 10 foot mounting height. Maximum calculated value = 14.3 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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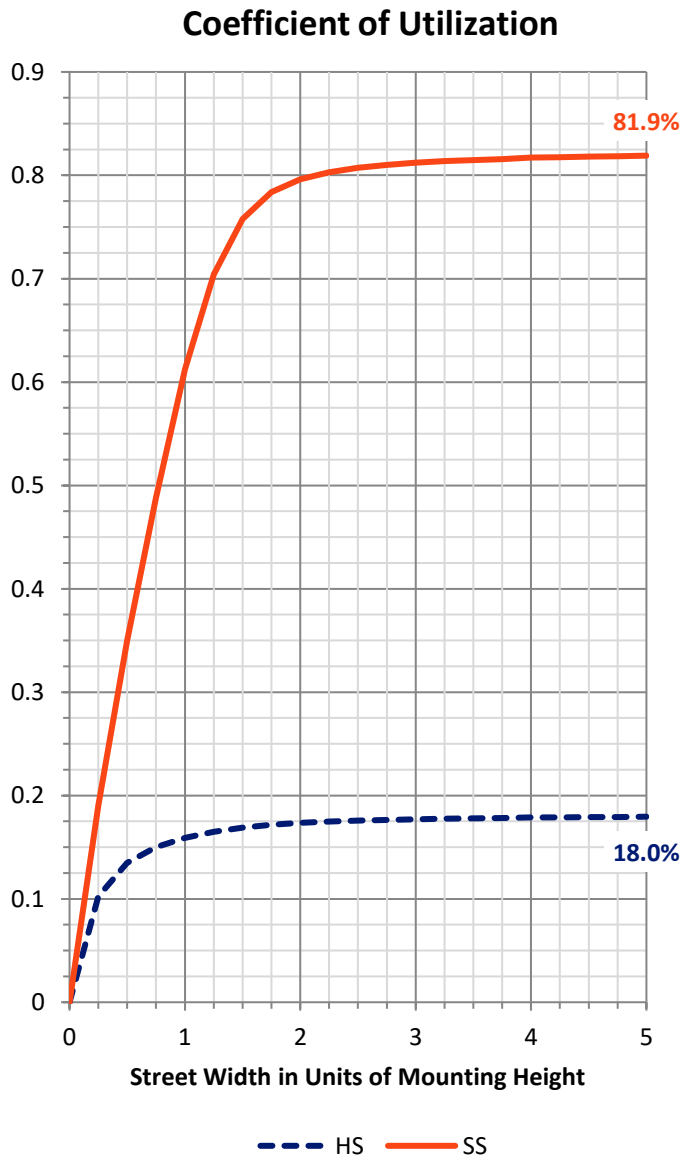
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1186.5	0.0	1186.5
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	5363.5	0.0	5363.5
	% Fixture	81.9	0.0	81.9
Total	Lumens	6550.0	0.0	6550.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.7	1.5
10°-20°	251.2	3.8
20°-30°	402.4	6.1
30°-40°	711.5	10.9
40°-50°	1246.7	19.0
50°-60°	1662.7	25.4
60°-70°	1547.9	23.6
70°-80°	594.1	9.1
80°-90°	36.9	0.6
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°	6550.0	100.0
0°-180°	6550.0	100.0



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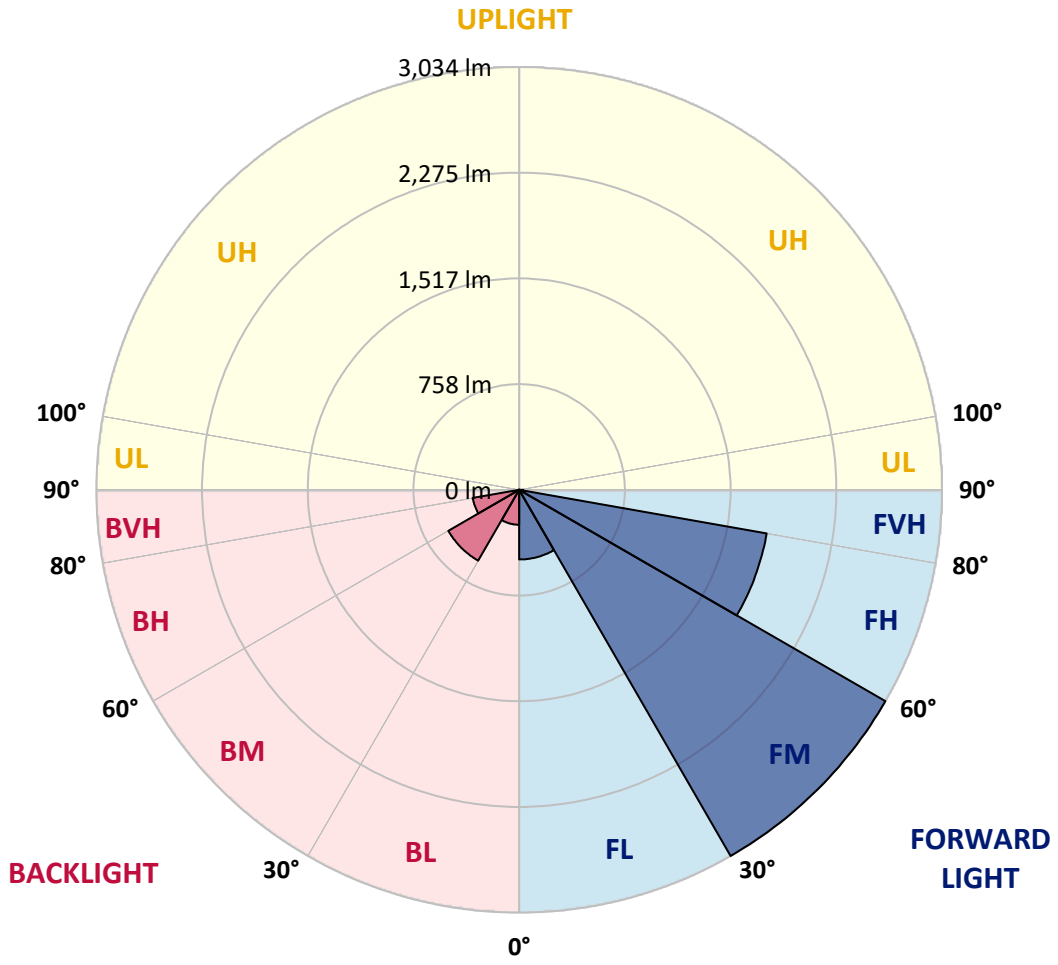
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	499.7	7.6			
FM	(30°-60°)	3033.7	46.3			
FH	(60°-80°)	1803.3	27.5			G2/5000
FVH	(80°-90°)	26.8	0.4			G1/100
BL	(0°-30°)	250.6	3.8	B1/500		
BM	(30°-60°)	587.2	9.0	B1/1000		
BH	(60°-80°)	338.6	5.2	B1/500		G1/500
BVH	(80°-90°)	10.1	0.2			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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1085.1	1085.1	1085.1	1085.1	1085.1	1085.1	1085.1	1085.1	1085.1	*1085.1*	1085.1
2.5°	1146.9	1153.5	1149.7	1147.8	1144.5	1139.8	1136.0	1124.3	1112.0	*1104.0*	1101.1
5°	1170.0	1176.6	1176.1	1178.0	1180.4	1181.8	1180.8	1167.6	1150.2	*1136.5*	1128.5
7.5°	1150.2	1157.7	1163.9	1173.3	1189.8	1207.3	1215.7	1212.9	1195.0	*1176.1*	1166.2
10°	1094.1	1102.1	1116.7	1138.9	1173.8	1211.5	1243.1	1257.7	1246.4	*1225.6*	1212.0
12.5°	991.3	999.3	1028.1	1076.2	1134.6	1200.2	1260.5	1299.7	1302.5	*1281.8*	1265.7
15°	875.7	883.7	914.4	974.8	1063.9	1169.1	1270.0	1344.0	1369.0	*1351.1*	1331.8
17.5°	804.0	811.1	834.2	882.8	975.7	1106.8	1266.7	1391.2	1448.2	*1434.1*	1411.0
20°	782.4	788.5	799.3	833.3	910.6	1042.2	1245.0	1435.5	1533.6	*1525.6*	1499.6
22.5°	805.5	811.1	814.4	829.5	878.1	999.8	1217.6	1480.8	1632.6	*1633.6*	1602.0
25°	858.8	864.4	860.6	870.1	891.3	986.6	1207.3	1534.1	1757.1	*1767.5*	1731.7
27.5°	946.5	946.9	938.0	937.5	940.8	1006.4	1218.1	1591.1	1914.2	*1933.5*	1889.2
30°	1122.4	1115.3	1080.9	1043.6	1026.6	1065.8	1248.3	1658.6	2099.5	*2133.9*	2078.3
32.5°	1393.5	1383.2	1320.0	1230.8	1141.2	1161.5	1302.5	1735.4	2301.3	*2363.6*	2295.7
35°	1687.8	1685.0	1618.9	1486.4	1329.9	1297.8	1390.7	1836.3	2521.6	*2620.6*	2539.9
37.5°	1961.3	1959.9	1922.2	1766.1	1575.6	1487.8	1532.2	1968.4	2757.3	*2900.7*	2805.4
40°	2211.3	2215.5	2177.8	2038.2	1846.2	1731.7	1724.6	2131.6	3019.5	*3205.8*	3092.6
42.5°	2427.2	2432.0	2393.8	2290.5	2113.6	2001.4	1960.8	2331.5	3275.6	*3533.6*	3399.6
45°	2573.9	2603.1	2597.5	2515.0	2388.1	2271.6	2244.7	2582.4	3567.5	*3881.1*	3724.1
47.5°	2615.4	2642.3	2684.7	2696.0	2618.7	2504.1	2536.2	2884.7	3862.7	*4229.2*	4050.4
50°	2513.1	2538.1	2626.2	2743.7	2797.4	2762.1	2819.6	3208.7	4165.0	*4576.2*	4370.6
52.5°	2311.2	2336.7	2448.0	2633.8	2853.1	2964.4	3104.0	3527.9	4457.9	*4904.9*	4673.9
55°	2019.3	2046.2	2189.1	2399.4	2747.0	3047.8	3341.2	3846.7	4726.2	*5200.6*	4947.4
57.5°	1622.2	1642.1	1790.6	2084.9	2480.1	2964.8	3516.1	4194.7	4979.0	*5491.1*	5218.5
60°	1057.3	1074.7	1247.3	1575.6	2037.7	2687.6	3551.0	4582.8	5314.7	*5868.9*	5584.0
62.5°	703.1	714.9	817.3	1058.2	1435.0	2155.1	3346.8	4892.7	5807.1	*6526.2*	6210.8
65°	482.4	494.2	596.6	764.4	927.1	1425.6	2759.7	4851.6	6253.2	*7048.3*	6675.3
67.5°	*344.3*	*354.2*	*440.9*	*599.4*	*671.1*	*828.1*	*1870.8*	*4327.2*	*6189.1*	*7068.1*	*6700.3*
70°	246.6	252.3	324.0	466.9	533.4	497.5	1040.3	3309.6	5419.0	*6526.7*	6190.0
72.5°	172.6	174.5	224.9	355.6	429.6	363.1	495.2	2206.5	4098.5	*5122.8*	4798.8
75°	117.0	119.3	151.4	260.8	344.7	277.3	262.2	1183.2	2406.0	*2835.6*	2541.8
77.5°	71.7	72.6	97.6	178.3	258.0	211.3	168.8	501.3	930.9	*913.9*	779.1
80°	40.6	40.6	62.2	110.8	175.9	136.3	118.4	213.2	294.7	*258.9*	228.2
82.5°	22.6	23.1	45.3	68.9	116.5	80.6	65.1	98.6	127.3	*112.7*	98.1
85°	9.4	10.4	27.8	32.5	55.6	40.1	26.4	41.5	47.2	*42.0*	30.7
87.5°	0.9	1.4	8.5	6.1	6.6	8.0	3.8	8.0	6.6	*6.6*	4.7
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°	1085.1	1085.1	1085.1	1085.1	1085.1	1085.1	1085.1	1085.1	1085.1	1085.1	1085.1
2.5°	1092.2	1085.1	1067.2	1046.4	1019.1	1005.9	988.0	975.7	965.3	966.3	956.8
5°	1113.4	1095.5	1055.4	1005.4	943.2	898.8	851.7	819.1	792.7	787.1	774.3
7.5°	1142.6	1114.4	1044.1	954.0	848.9	769.2	697.9	652.2	619.7	609.3	598.9
10°	1180.4	1139.3	1029.5	889.4	738.0	636.6	560.2	524.4	502.2	494.7	489.0
12.5°	1224.2	1168.1	1010.1	810.7	623.9	526.3	477.7	459.8	452.7	450.4	448.9
15°	1279.4	1204.0	980.9	717.3	527.2	458.9	438.1	435.7	436.7	435.7	435.3
17.5°	1345.0	1243.1	933.3	621.1	462.2	424.4	416.9	418.8	421.1	420.7	419.7
20°	1416.6	1281.8	872.4	535.7	417.8	399.9	395.7	397.5	399.4	398.5	398.0
22.5°	1498.2	1323.3	805.0	469.2	388.1	377.3	372.6	373.0	373.0	371.1	370.2
25°	1595.8	1369.0	734.3	422.1	365.5	357.0	351.3	349.4	346.6	341.0	340.0
27.5°	1712.3	1417.6	666.3	389.1	347.6	339.5	332.9	328.2	321.1	311.7	310.8
30°	1843.4	1476.5	608.8	368.3	333.4	325.4	317.8	310.8	300.4	288.6	287.7
32.5°	1997.6	1539.7	566.8	354.6	320.7	312.2	303.2	294.7	283.4	271.6	272.1
35°	2181.5	1616.1	542.3	345.2	310.8	299.5	289.6	280.1	271.6	261.3	260.3
37.5°	2381.0	1697.2	534.8	340.5	304.2	286.7	275.4	268.8	267.9	261.7	261.3
40°	2599.4	1793.4	540.4	337.7	297.1	274.5	262.2	260.8	263.1	252.3	252.8
42.5°	2830.4	1907.6	549.9	334.4	287.2	262.2	250.4	250.4	248.5	233.4	233.4
45°	3080.4	2039.1	559.3	326.3	275.4	249.9	241.0	237.7	229.7	215.0	214.6
47.5°	3332.2	2173.1	566.4	311.7	261.3	239.6	231.5	224.0	212.2	199.0	198.5
50°	3571.3	2293.3	558.8	290.0	245.2	229.7	221.2	210.8	198.1	189.1	187.7
52.5°	3784.9	2397.5	526.8	264.6	228.2	219.3	211.7	200.9	190.5	181.1	180.1
55°	3970.7	2481.9	470.2	240.5	213.2	210.3	202.8	189.1	175.0	166.9	166.0
57.5°	4149.0	2546.1	399.4	220.7	199.5	200.4	189.1	176.8	163.6	155.2	154.2
60°	4386.2	2631.9	327.8	202.3	184.9	187.7	175.4	166.5	150.0	139.1	137.7
62.5°	4765.3	2765.4	260.3	179.7	167.9	168.8	163.6	152.8	133.0	120.3	119.3
65°	5066.2	2716.3	205.1	155.2	148.5	150.0	150.0	138.2	117.0	102.3	100.9
67.5°	*5032.3*	*2325.8*	*163.6*	*131.1*	*130.2*	*131.1*	*134.4*	*124.5*	*103.7*	*92.0*	*90.1*
70°	4635.7	1850.0	131.1	108.9	113.2	110.8	120.3	113.7	93.4	81.6	80.2
72.5°	3782.6	1332.7	100.0	90.1	86.8	90.5	108.5	102.3	77.8	64.6	63.2
75°	2210.3	711.1	74.5	71.2	62.7	75.5	96.2	87.2	59.4	47.6	46.2
77.5°	719.6	248.1	54.7	52.3	46.7	60.8	82.1	73.6	48.6	37.7	36.3
80°	192.9	75.0	37.3	34.4	30.2	45.3	65.1	58.5	34.9	24.5	24.1
82.5°	77.3	31.6	21.7	19.3	16.5	31.1	51.4	47.2	25.9	15.6	15.6
85°	25.0	10.4	8.0	6.1	7.5	19.3	30.7	32.1	18.4	8.0	6.1
87.5°	3.3	1.4	1.4	1.9	1.4	3.3	9.4	9.0	5.2	0.9	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)