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: P1199736

Luminaire Tested: GPC-SB2B-735-U-T3R

Issue Date: 10/30/2025

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1199736
	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-SB2B-735-U-T3R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III ROADWAY OPTI
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11559 lumens
Efficiency:	N/A
Efficacy:	156.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G2

Input Watts (W):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

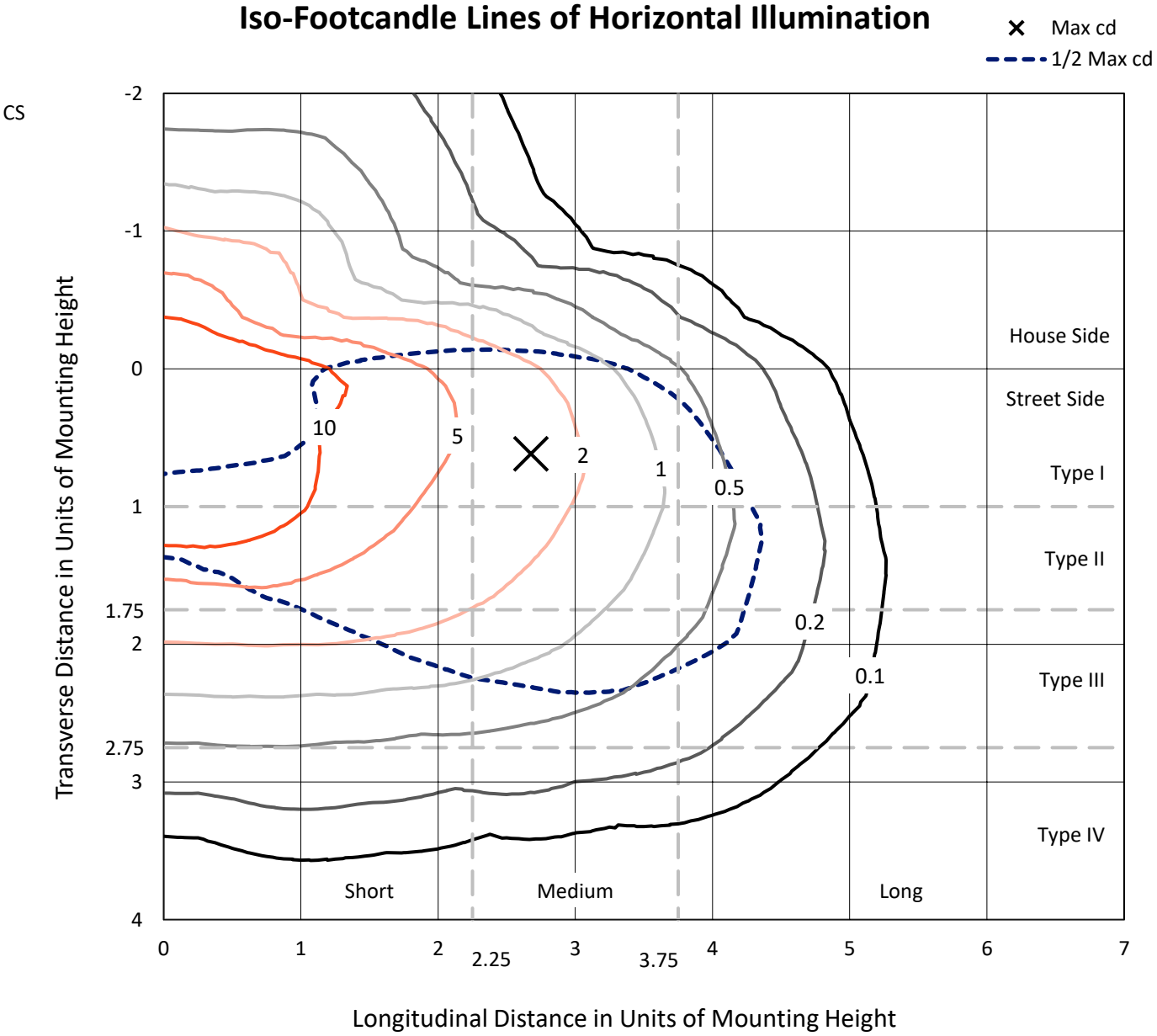


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Iso-Footcandle Lines of Horizontal Illumination



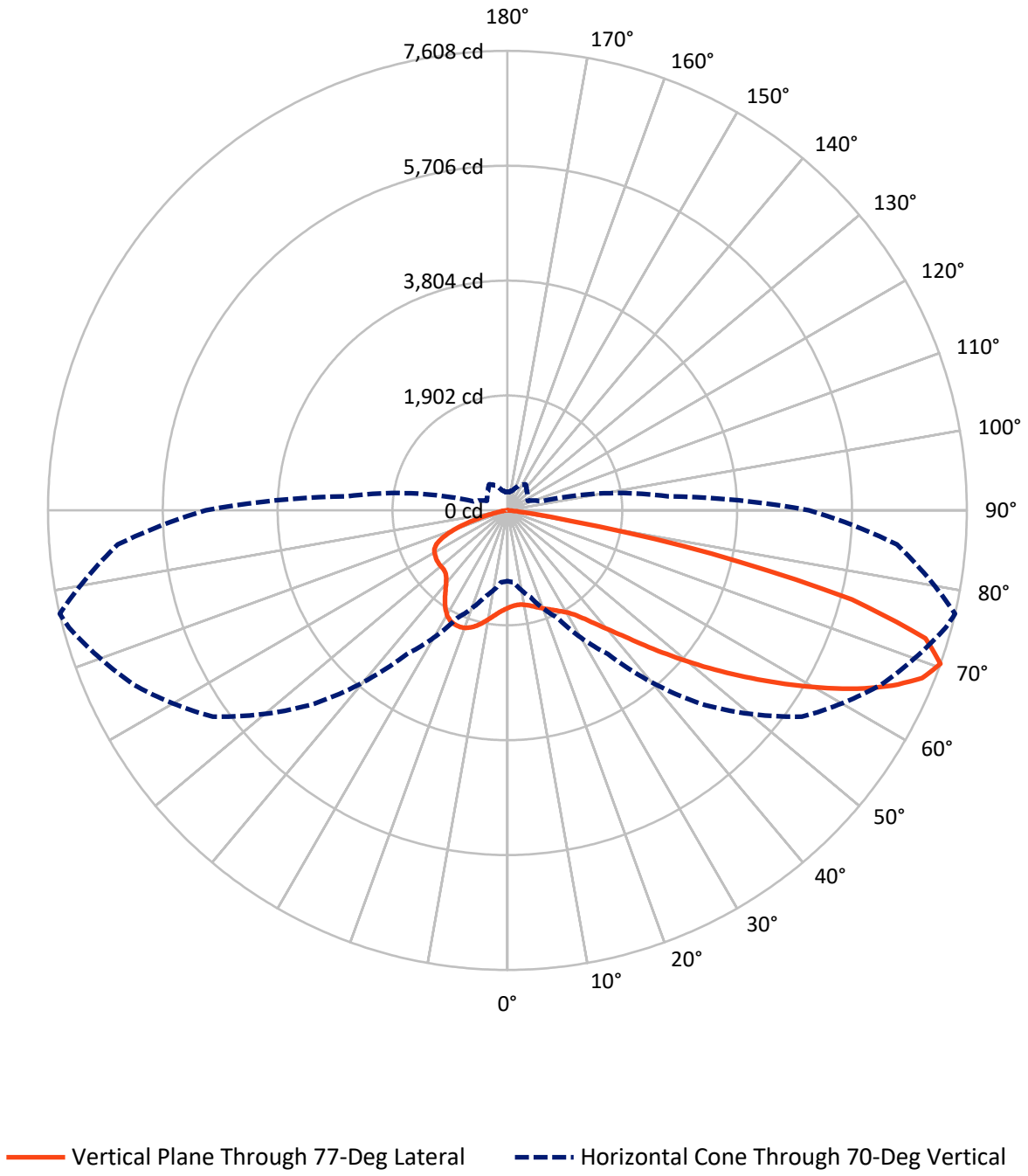
Based on 10 foot mounting height. Maximum calculated value = 19.1 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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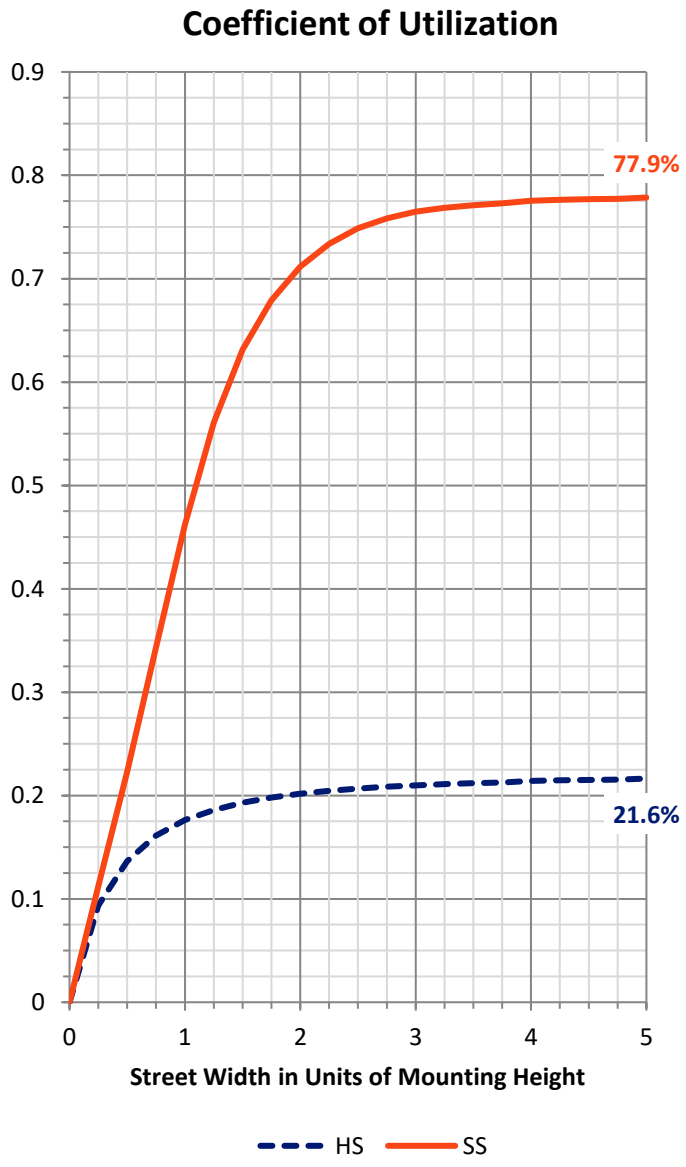
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2531.2	0.0	2531.2
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	9027.8	0.0	9027.8
	% Fixture	78.1	0.0	78.1
Total	Lumens	11559.0	0.0	11559.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	153.8	1.3
10°-20°	443.9	3.8
20°-30°	759.1	6.6
30°-40°	1220.7	10.6
40°-50°	1905.8	16.5
50°-60°	2545.7	22.0
60°-70°	2713.3	23.5
70°-80°	1670.3	14.5
80°-90°	146.4	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°	11559.0	100.0
0°-180°	11559.0	100.0



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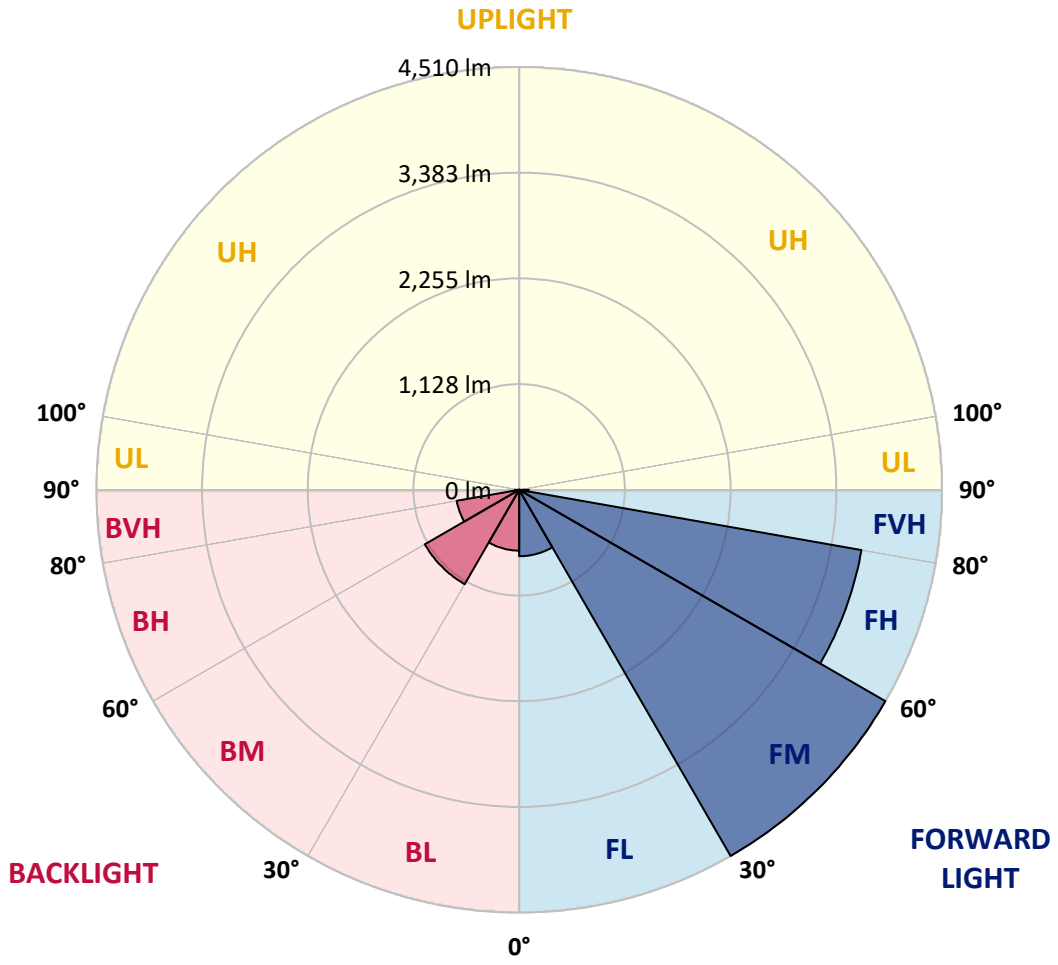
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	708.2	6.1			
FM	(30°-60°)	4510.1	39.0			
FH	(60°-80°)	3707.2	32.1			G2/5000
FVH	(80°-90°)	102.3	0.9			G2/225
BL	(0°-30°)	648.6	5.6	B2/1000		
BM	(30°-60°)	1162.2	10.1	B2/2500		
BH	(60°-80°)	676.5	5.9	B2/1000		G2/1000
BVH	(80°-90°)	44.0	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	1612.6	1612.6	1612.6	1612.6	1612.6	1612.6	1612.6	1612.6	1612.6	*1612.6*	1612.6
2.5°	1486.5	1485.9	1493.6	1496.0	1510.2	1520.2	1539.2	1559.3	1585.4	*1588.3*	1604.3
5°	1400.7	1400.7	1409.5	1419.0	1437.4	1457.5	1486.5	1521.4	1566.4	*1573.5*	1613.2
7.5°	1327.8	1332.6	1340.3	1358.6	1379.9	1408.9	1453.3	1503.1	1562.3	*1573.5*	1637.4
10°	1269.2	1274.6	1284.0	1298.8	1330.8	1371.1	1429.1	1493.0	1572.3	*1590.1*	1673.0
12.5°	1250.9	1256.2	1261.5	1272.8	1302.4	1349.7	1419.0	1497.7	1596.6	*1614.4*	1721.5
15°	1293.5	1300.0	1295.9	1292.9	1308.3	1351.5	1423.7	1514.9	1626.8	*1652.2*	1781.3
17.5°	1391.8	1394.1	1384.7	1356.8	1354.5	1377.6	1446.2	1538.6	1664.7	*1692.5*	1841.7
20°	1550.4	1546.3	1526.7	1471.7	1440.3	1435.6	1484.7	1574.1	1703.8	*1733.4*	1906.8
22.5°	1765.9	1761.2	1722.1	1635.1	1565.2	1519.1	1540.4	1620.3	1747.6	*1780.7*	1970.1
25°	2034.7	2028.2	1970.7	1852.3	1744.0	1629.8	1616.1	1681.3	1801.4	*1832.2*	2036.5
27.5°	2348.4	2343.1	2280.9	2124.7	1968.4	1781.3	1710.3	1752.9	1857.7	*1892.6*	2111.0
30°	2685.9	2701.3	2591.1	2423.0	2225.3	1979.0	1837.0	1841.1	1930.5	*1961.9*	2201.6
32.5°	3082.5	3109.1	2976.5	2763.4	2493.5	2193.9	1996.8	1964.2	2036.5	*2062.5*	2315.9
35°	3475.6	3505.8	3395.7	3160.1	2849.3	2447.3	2163.7	2105.7	2177.3	*2205.8*	2467.4
37.5°	3815.4	3855.6	3798.8	3594.0	3229.9	2752.8	2381.6	2272.1	2350.8	*2386.3*	2671.1
40°	4083.6	4145.1	4141.0	4013.1	3678.6	3123.3	2658.0	2477.5	2566.3	*2604.8*	2917.9
42.5°	4301.4	4354.7	4400.9	4394.4	4146.9	3544.3	2983.0	2744.5	2812.0	*2856.4*	3195.6
45°	4451.8	4508.6	4608.1	4715.2	4597.4	3994.8	3355.4	3061.2	3122.8	*3189.7*	3526.5
47.5°	4586.2	4650.7	4779.7	4949.6	4979.8	4447.0	3763.3	3430.0	3486.2	*3555.5*	3858.6
50°	4598.0	4653.6	4853.7	5094.7	5251.6	4881.6	4201.4	3843.8	3896.5	*3970.5*	4214.4
52.5°	4312.1	4399.7	4749.0	5090.5	5376.5	5245.0	4636.5	4274.2	4333.4	*4422.2*	4582.6
55°	3347.1	3475.6	4441.7	4931.9	5332.1	5480.1	5050.3	4731.8	4807.6	*4900.5*	4953.2
57.5°	2883.0	2939.2	3525.9	4643.0	5129.6	5541.0	5399.6	5194.1	5316.1	*5417.9*	5345.1
60°	2591.1	2637.9	2984.8	4193.7	4863.2	5444.5	5669.5	5625.1	5835.9	*5957.2*	5745.9
62.5°	2278.6	2323.0	2638.5	3501.6	4522.2	5284.1	5840.0	6022.9	6368.6	*6501.3*	6123.6
65°	1968.4	2006.3	2308.8	2942.2	4088.9	5123.7	5928.2	6366.9	6861.8	*6999.1*	6437.3
67.5°	1622.6	1654.0	1940.0	2482.2	3562.0	4904.1	5972.0	6637.4	7291.0	*7408.8*	6592.4
70°	*1171.0*	*1195.2*	*1490.6*	*1963.0*	*2900.8*	*4526.4*	*5954.3*	*6829.2*	*7513.6*	*7607.7*	*6475.2*
72.5°	553.5	575.4	922.3	1274.6	2048.9	3791.1	5594.9	6677.1	7287.4	*7240.7*	5757.7
75°	295.4	314.3	529.8	699.1	1082.2	2598.8	4578.5	5751.8	6119.4	*5892.1*	4255.2
77.5°	200.1	214.9	328.0	419.7	494.3	1233.7	2942.8	3982.3	3831.4	*3456.0*	2131.2
80°	158.7	174.0	268.8	284.2	239.2	445.8	1216.0	1843.5	1324.3	*1059.1*	606.2
82.5°	122.0	139.1	226.1	206.0	130.2	182.9	354.0	583.1	339.2	*258.1*	146.8
85°	74.6	92.9	177.6	131.4	73.4	83.5	120.2	162.2	103.6	*86.4*	52.7
87.5°	37.9	53.3	90.0	48.0	33.2	19.5	32.0	32.0	27.2	*23.7*	13.6
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°	1612.6	1612.6	1612.6	1612.6	1612.6	1612.6	1612.6	1612.6	1612.6	1612.6	1612.6
2.5°	1618.5	1630.3	1650.5	1669.4	1684.2	1698.4	1712.6	1720.3	1722.7	1732.2	1737.5
5°	1637.4	1659.4	1698.4	1735.1	1758.2	1772.4	1782.5	1788.4	1789.6	1792.6	1797.3
7.5°	1672.4	1707.3	1761.8	1798.5	1815.6	1814.5	1810.3	1795.5	1789.6	1784.3	1785.4
10°	1721.5	1767.7	1834.6	1860.0	1849.4	1821.0	1784.3	1741.0	1720.9	1701.4	1695.5
12.5°	1782.5	1841.1	1906.8	1905.6	1852.9	1780.1	1694.9	1628.6	1586.5	1556.3	1549.2
15°	1856.5	1924.0	1974.3	1934.0	1818.6	1687.8	1562.9	1476.4	1438.5	1405.4	1401.8
17.5°	1932.9	2005.1	2028.2	1925.2	1732.2	1551.0	1409.5	1341.5	1304.2	1286.4	1291.7
20°	2007.4	2079.1	2060.1	1874.2	1600.7	1395.9	1269.8	1232.5	1224.8	1229.0	1227.2
22.5°	2086.2	2150.1	2066.6	1776.0	1433.2	1237.3	1168.0	1169.2	1186.4	1198.8	1201.7
25°	2166.7	2209.9	2049.5	1633.9	1253.2	1120.6	1103.5	1122.4	1156.2	1180.4	1186.9
27.5°	2244.2	2263.2	2012.2	1458.1	1098.7	1037.2	1040.1	1079.2	1130.1	1163.9	1172.1
30°	2331.9	2310.5	1940.5	1260.4	991.6	965.5	990.4	1036.0	1086.9	1117.1	1124.2
32.5°	2430.7	2351.4	1826.9	1077.4	915.8	908.1	949.0	978.6	1001.1	1009.9	1014.7
35°	2553.9	2408.8	1681.3	949.0	847.7	866.1	905.2	890.4	881.5	876.7	881.5
37.5°	2713.7	2486.4	1510.8	865.5	792.7	835.9	851.9	805.7	770.8	753.6	757.7
40°	2906.1	2600.0	1346.8	801.0	757.7	809.8	782.0	726.4	682.0	657.7	659.5
42.5°	3119.8	2719.0	1208.8	752.4	738.2	788.5	730.5	664.2	592.6	584.9	592.6
45°	3344.2	2841.6	1114.7	715.1	728.7	770.2	700.9	593.8	542.9	574.2	590.8
47.5°	3568.5	2954.0	1057.9	687.3	724.0	749.5	674.9	554.7	518.6	564.2	585.5
50°	3818.3	3054.7	1032.4	667.2	718.7	741.2	635.8	544.6	493.1	523.3	545.8
52.5°	4066.4	3132.8	1013.5	647.0	711.0	734.7	616.9	532.8	462.3	464.1	476.6
55°	4313.8	3183.7	992.8	620.4	693.8	720.5	615.1	519.8	439.3	431.0	436.9
57.5°	4577.9	3212.7	967.3	590.8	664.2	684.3	613.3	509.7	432.2	418.5	420.3
60°	4846.6	3255.4	934.2	554.7	624.6	641.1	609.2	506.2	428.0	404.9	406.7
62.5°	5087.6	3270.2	894.5	520.4	573.6	598.5	600.3	503.2	416.8	377.1	377.1
65°	5245.6	3206.2	825.2	481.3	518.6	554.7	583.1	493.1	396.6	357.0	357.0
67.5°	5239.1	3023.9	716.9	431.0	465.3	506.2	558.2	476.0	372.4	332.1	333.9
70°	*4995.2*	*2664.0*	*579.6*	*372.4*	*406.7*	*454.1*	*526.3*	*450.5*	*343.4*	*304.9*	*308.4*
72.5°	4284.2	2085.0	420.9	303.7	338.6	400.2	484.8	419.7	313.8	280.6	278.8
75°	3060.6	1319.5	285.3	233.2	263.4	339.2	433.3	383.6	286.5	281.8	265.8
77.5°	1563.5	630.5	188.8	170.5	183.5	267.6	364.1	342.8	290.7	232.7	207.2
80°	508.5	232.7	119.0	116.0	122.0	178.2	281.8	281.2	220.2	158.1	139.7
82.5°	162.2	100.0	77.6	74.6	71.6	111.9	196.5	222.6	148.6	100.0	99.5
85°	64.5	59.8	45.6	42.0	30.2	52.7	103.0	148.0	110.7	72.2	74.0
87.5°	23.7	23.7	12.4	8.9	6.5	17.8	27.8	44.4	63.3	37.3	36.7
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)