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: P1198289

Luminaire Tested: GPC-SB1C-735-U-AFL-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198289
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-15)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1C-735-U-AFL-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND AUTOMOTIVE FRONTLINE OPTI WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6419 lumens
Efficiency:	N/A
Efficacy:	118.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

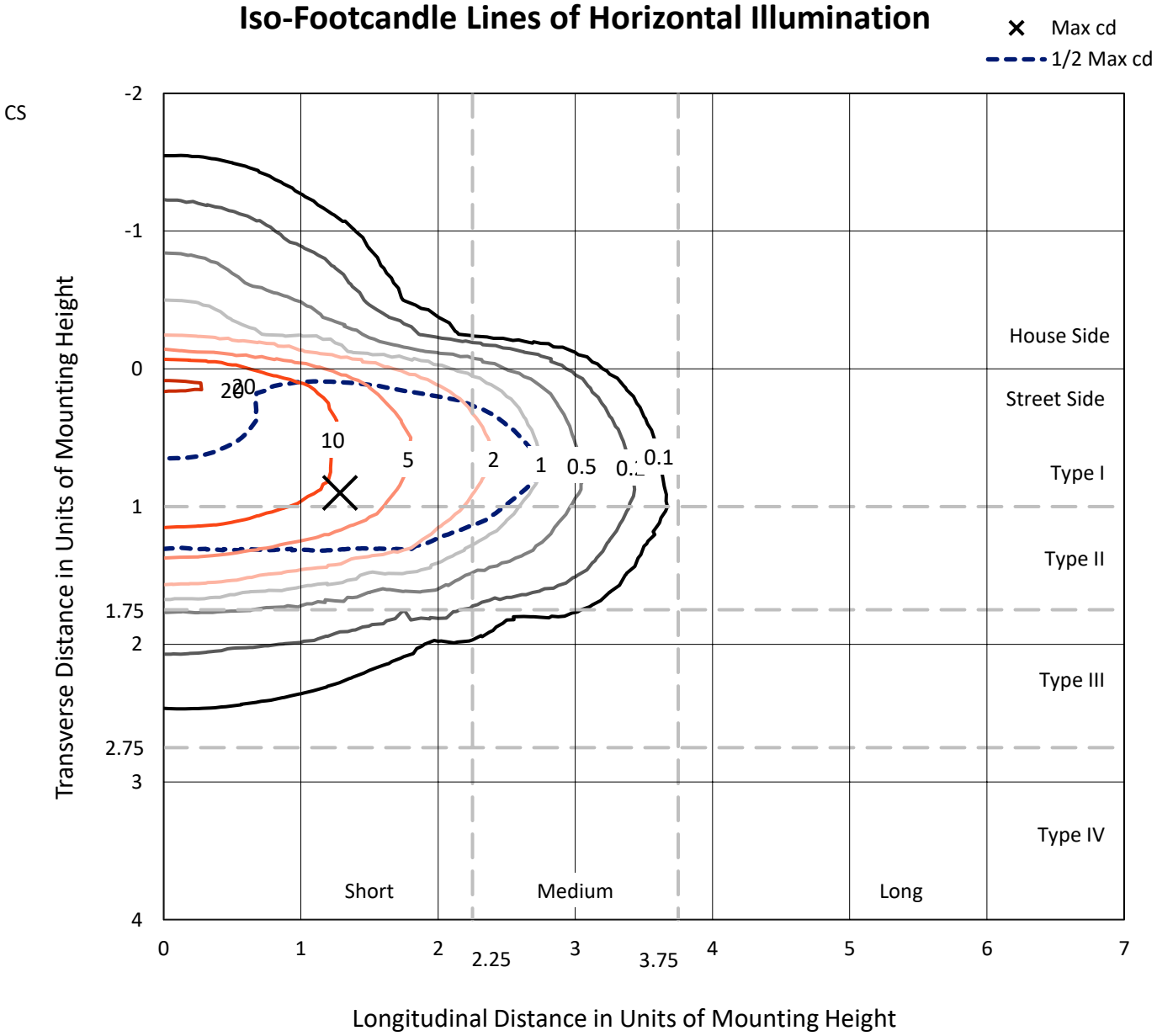


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Iso-Footcandle Lines of Horizontal Illumination



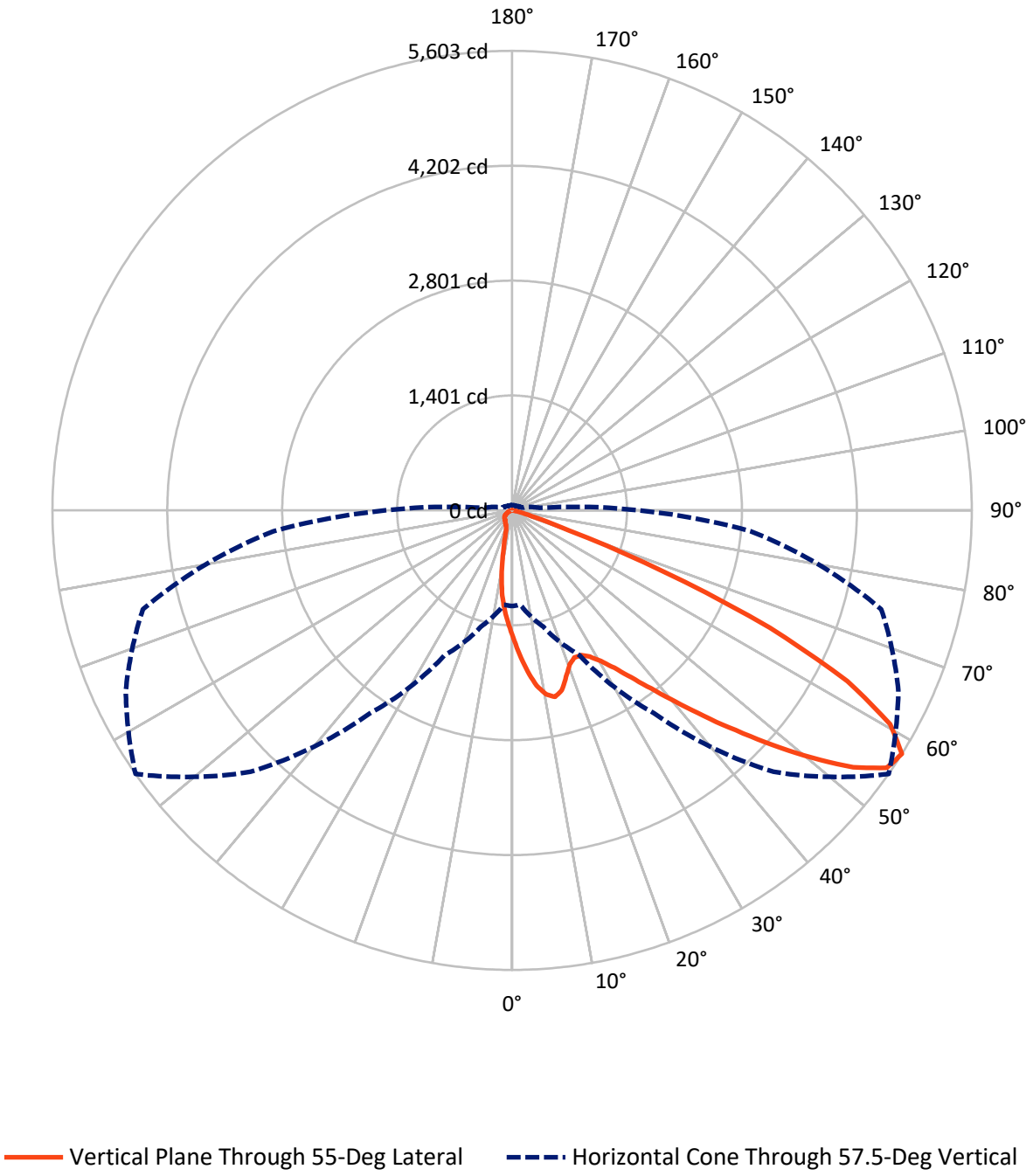
Based on 10 foot mounting height. Maximum calculated value = 22.1 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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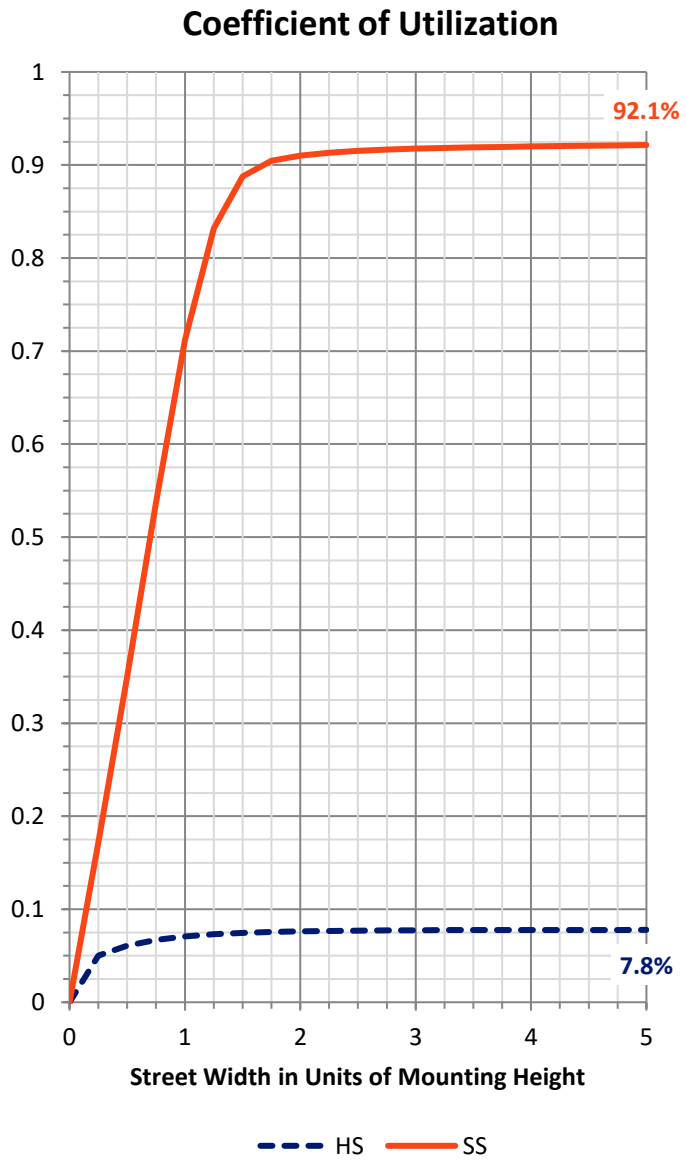
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	501.3	0.0	501.3
	% Fixture	7.8	0.0	7.8
Street Side	Lumens	5917.7	0.0	5917.7
	% Fixture	92.2	0.0	92.2
Total	Lumens	6419.0	0.0	6419.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.9	2.2
10°-20°	347.6	5.4
20°-30°	556.2	8.7
30°-40°	941.5	14.7
40°-50°	1545.7	24.1
50°-60°	1698.8	26.5
60°-70°	974.4	15.2
70°-80°	199.1	3.1
80°-90°	11.7	0.2
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°	6419.0	100.0
0°-180°	6419.0	100.0



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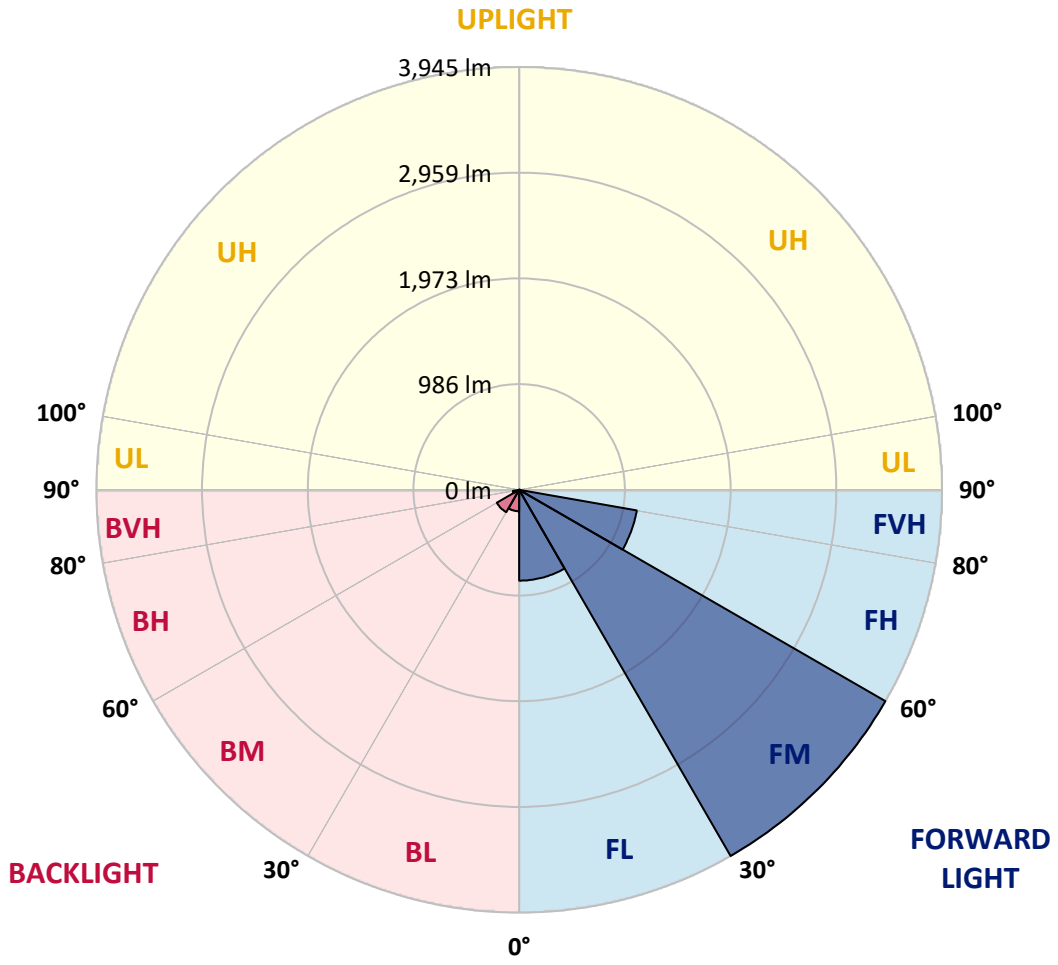
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	847.7	13.2			
FM	(30°-60°)	3945.2	61.5			
FH	(60°-80°)	1113.9	17.4			G1/1800
FVH	(80°-90°)	11.0	0.2			G1/100
BL	(0°-30°)	200.1	3.1	B1/500		
BM	(30°-60°)	240.8	3.8	B1/1000		
BH	(60°-80°)	59.6	0.9	B0/110		G0/110
BVH	(80°-90°)	0.8	0.0			G0/10
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 Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1546.8	1546.8	1546.8	1546.8	1546.8	1546.8	*1546.8*	1546.8	1546.8	1546.8	1546.8
2.5°	1919.3	1895.1	1891.6	1886.8	1840.9	1806.5	*1756.6*	1702.0	1640.6	1578.1	1550.4
5°	2217.3	2198.3	2194.8	2172.6	2120.3	2061.8	*1973.1*	1861.1	1746.7	1612.1	1554.3
7.5°	2275.1	2271.5	2287.8	2287.0	2279.9	2233.5	*2158.7*	2025.4	1853.6	1654.1	1564.6
10°	2017.4	2026.5	2074.8	2117.2	2231.6	2298.1	*2281.8*	2171.8	1963.6	1702.0	1576.1
12.5°	1782.7	1772.0	1806.5	1854.4	1987.4	2185.3	*2332.9*	2294.1	2089.5	1756.2	1593.1
15°	1635.5	1631.1	1650.5	1672.7	1774.0	1973.5	*2273.5*	2393.5	2210.6	1820.3	1618.9
17.5°	1588.4	1584.8	1590.8	1596.3	1662.0	1816.4	*2132.2*	2454.4	2326.6	1893.5	1647.4
20°	1626.8	1622.0	1621.2	1616.9	1644.2	1749.5	*2004.4*	2458.8	2430.7	1960.0	1671.9
22.5°	1738.8	1733.2	1713.9	1696.4	1698.8	1758.6	*1947.4*	2415.2	2509.0	2022.2	1687.3
25°	1941.8	1932.7	1892.4	1833.8	1796.6	1821.9	*1956.1*	2357.8	2583.8	2070.9	1679.8
27.5°	2195.9	2184.1	2132.2	2045.1	1960.0	1929.2	*2019.0*	2318.3	2646.0	2108.1	1663.6
30°	2444.9	2429.5	2378.4	2310.7	2186.4	2089.1	*2132.6*	2335.7	2720.0	2146.9	1642.2
32.5°	2713.7	2699.0	2631.3	2547.4	2444.5	2313.5	*2288.2*	2420.8	2810.6	2201.1	1627.2
35°	3053.7	3030.7	2934.5	2820.1	2710.9	2578.3	*2498.7*	2567.6	2931.4	2283.8	1635.5
37.5°	3440.8	3409.9	3306.2	3148.3	3005.8	2857.3	*2755.2*	2769.5	3108.3	2394.6	1661.2
40°	3805.7	3777.6	3681.8	3533.0	3354.1	3174.0	*3065.1*	3033.5	3352.5	2529.6	1706.3
42.5°	4024.6	3999.3	3958.9	3895.9	3745.1	3561.5	*3424.1*	3355.7	3641.4	2691.1	1761.3
45°	4036.9	4014.7	4068.9	4142.1	4112.5	3990.1	*3822.7*	3697.3	3931.6	2842.7	1818.3
47.5°	3840.5	3825.5	3990.1	4245.8	4373.3	4424.7	*4270.4*	4010.3	4171.0	2951.5	1841.7
50°	3305.4	3299.9	3638.7	4108.1	4472.6	4805.5	*4742.6*	4301.7	4356.7	3007.8	1819.5
52.5°	2866.1	2845.9	3043.4	3667.2	4328.2	5005.8	*5204.1*	4587.4	4486.5	3018.4	1767.7
55°	2173.8	2156.0	2403.7	2929.4	3862.3	4934.5	*5541.7*	4882.3	4579.5	2991.1	1674.7
57.5°	*1166.1*	*1155.0*	*1468.1*	*1949.8*	*3019.2*	*4507.1*	*5602.7*	*5194.2*	*4657.9*	*2918.7*	*1544.4*
60°	454.0	452.0	569.2	946.0	1835.0	3666.8	*5295.1*	5381.4	4707.0	2829.6	1435.6
62.5°	274.7	280.6	299.6	424.7	810.6	2277.9	*4586.2*	5168.5	4739.8	2748.1	1345.7
65°	227.2	227.6	230.0	291.7	388.3	953.1	*3452.6*	4467.9	4658.7	2602.8	1218.3
67.5°	194.7	198.3	207.4	231.5	273.9	418.0	*1987.8*	3461.0	4165.1	2264.8	1019.6
70°	153.6	158.3	169.8	190.4	211.4	261.6	*734.6*	2302.8	3181.9	1707.1	771.0
72.5°	129.4	129.0	135.0	154.8	167.8	184.1	*282.6*	1290.3	1849.2	815.0	381.6
75°	100.1	104.1	111.6	129.4	137.3	133.4	*153.2*	471.4	662.6	247.0	129.8
77.5°	78.4	81.5	88.3	105.7	113.6	94.6	*88.3*	168.6	212.9	88.7	58.6
80°	35.2	38.0	60.2	78.0	92.6	65.3	*47.9*	86.3	94.6	40.4	29.7
82.5°	6.3	10.7	35.2	41.2	47.5	42.4	*24.9*	44.7	46.3	16.2	10.3
85°	0.4	0.8	12.3	15.0	19.0	13.9	*7.5*	17.8	15.4	5.5	4.0
87.5°	0.0	0.0	0.0	0.4	0.4	2.0	*2.4*	3.2	2.4	2.0	1.6
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1546.8	1546.8	1546.8	1546.8	1546.8	1546.8	1546.8	1546.8	1546.8	1546.8
2.5°	1521.9	1465.7	1411.1	1366.3	1340.2	1295.9	1266.6	1261.8	1249.6	1260.3
5°	1492.6	1392.1	1290.3	1199.3	1124.5	1027.9	955.9	925.4	898.9	908.0
7.5°	1478.7	1320.0	1161.7	1006.1	846.2	691.9	577.1	529.2	492.8	497.9
10°	1460.1	1245.2	997.0	759.6	545.4	393.0	313.9	284.6	268.4	268.8
12.5°	1445.9	1155.8	805.9	514.9	332.1	250.9	226.4	219.3	214.5	214.9
15°	1438.8	1050.5	617.1	343.2	237.5	212.5	206.6	203.4	200.3	199.9
17.5°	1426.9	933.3	451.6	250.5	207.8	199.1	193.9	190.4	186.4	185.6
20°	1409.1	800.3	330.1	211.8	194.7	188.0	180.9	176.1	171.4	170.6
22.5°	1376.2	659.8	253.7	195.9	185.2	177.7	169.0	163.5	158.7	157.9
25°	1315.3	528.0	213.7	186.0	176.9	167.8	158.3	150.8	146.4	145.7
27.5°	1238.1	414.8	193.9	176.9	166.2	157.9	147.2	140.1	136.2	135.4
30°	1147.1	319.4	182.5	166.6	153.6	146.4	136.9	131.0	128.6	128.6
32.5°	1048.9	255.3	177.7	156.3	142.5	134.6	127.1	124.7	123.9	123.5
35°	956.7	221.7	175.3	148.0	132.6	125.1	121.9	122.3	123.9	123.9
37.5°	874.7	211.0	174.2	142.1	123.9	117.2	119.1	122.7	121.1	121.1
40°	800.7	212.2	173.4	137.7	116.8	112.8	116.8	114.0	110.0	109.6
42.5°	744.1	222.0	171.8	134.2	112.4	109.6	108.1	103.7	103.3	104.1
45°	703.0	230.8	171.4	132.6	107.7	102.5	100.5	96.2	104.1	106.1
47.5°	654.3	230.8	171.4	127.1	99.7	97.8	94.6	89.8	97.8	99.7
50°	591.3	216.1	164.7	120.7	93.4	92.2	86.7	80.7	79.2	80.3
52.5°	511.8	189.6	147.6	112.0	87.1	84.7	78.0	73.6	72.4	72.4
55°	421.1	158.7	124.7	99.3	80.3	76.0	71.2	69.3	68.1	67.3
57.5°	*342.4*	*130.2*	*100.1*	*88.3*	*74.0*	*68.5*	*66.9*	*64.5*	*62.5*	*61.4*
60°	281.0	102.5	82.7	78.4	67.7	62.5	62.1	59.0	53.8	53.0
62.5°	216.9	75.2	69.7	68.1	61.4	57.0	56.2	49.9	42.0	40.4
65°	153.2	58.6	56.2	59.8	54.6	50.7	48.7	39.2	30.9	29.7
67.5°	107.7	49.1	44.3	52.2	47.5	42.4	41.2	33.2	25.7	24.9
70°	76.8	40.0	36.4	44.7	38.0	37.2	34.8	27.7	21.0	20.2
72.5°	54.2	30.5	28.1	38.8	26.1	32.1	28.5	21.4	15.8	15.0
75°	40.0	21.8	19.8	22.6	19.0	24.1	20.2	14.2	9.9	9.5
77.5°	29.3	13.9	11.9	11.1	11.1	15.0	11.1	5.9	4.4	4.0
80°	20.6	6.3	5.5	4.7	4.4	3.6	1.6	0.8	0.4	0.4
82.5°	12.3	2.8	2.8	2.0	1.2	0.0	0.0	0.0	0.0	0.0
85°	2.8	1.2	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)