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: P1200670

Luminaire Tested: GPC-SB2D-735-U-AFL

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:	P1200670
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-14)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2D-735-U-AFL
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND AUTOMOTIVE FRONTLIN OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20693 lumens
Efficiency:	N/A
Efficacy:	140.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G2

Input Watts (W):	147.6
Input Voltage (V):	120.0
Input Current (Ain):	1.234
Voltage Rise (V):	NR
Power Factor:	0.999
Total Harmonic Distortion (THDi):	3.108
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

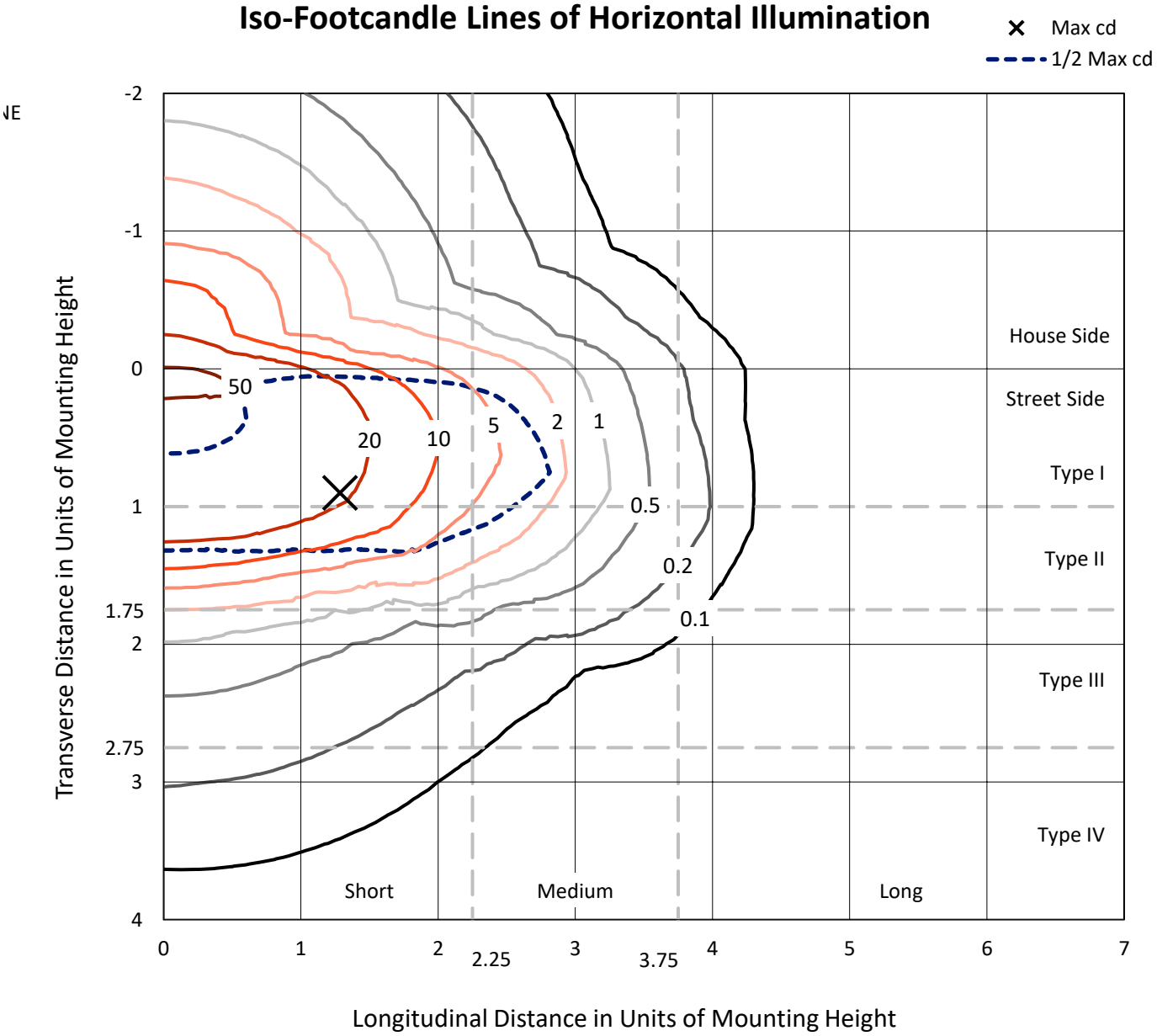


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Iso-Footcandle Lines of Horizontal Illumination



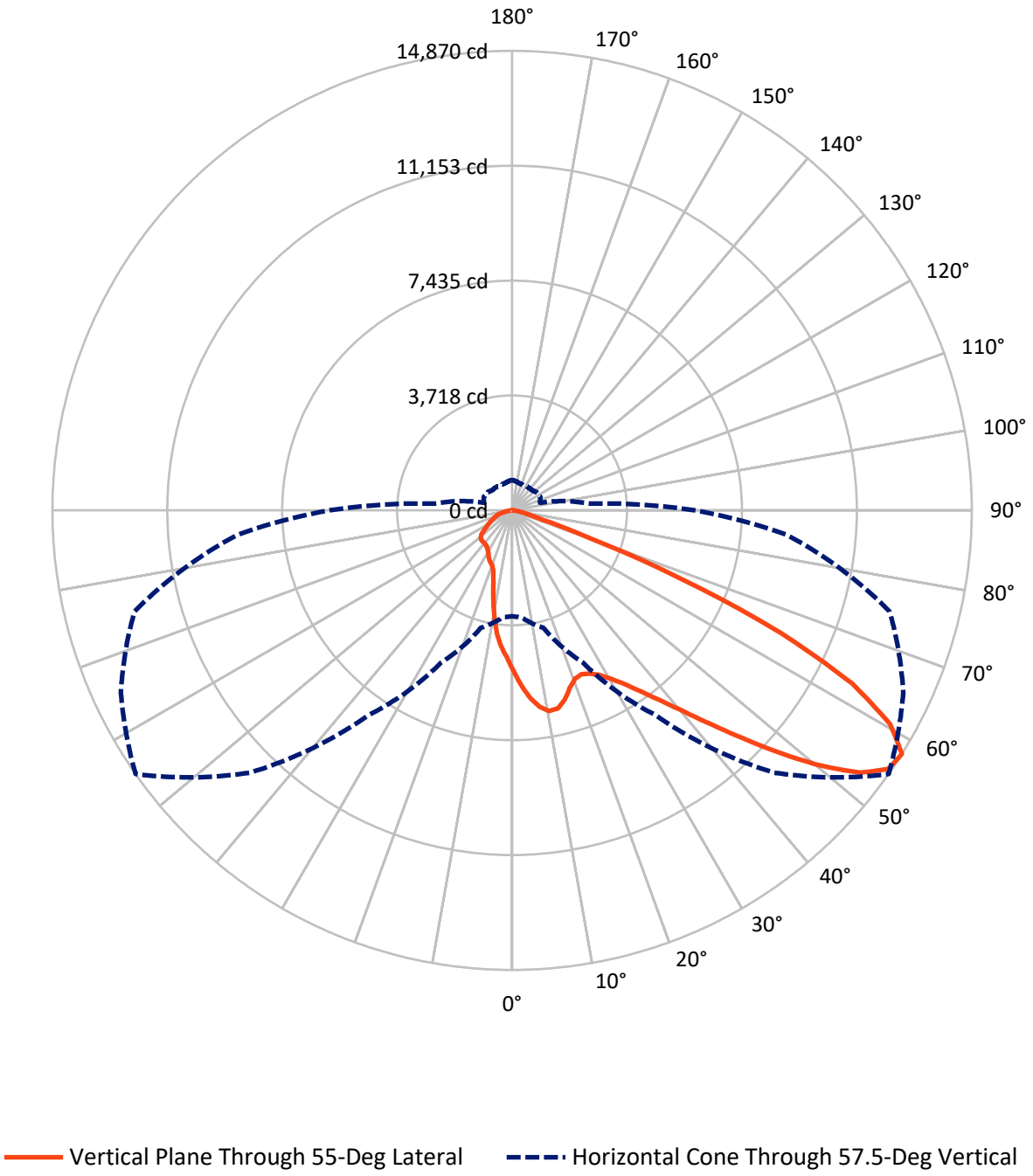
Based on 10 foot mounting height. Maximum calculated value = 62.7 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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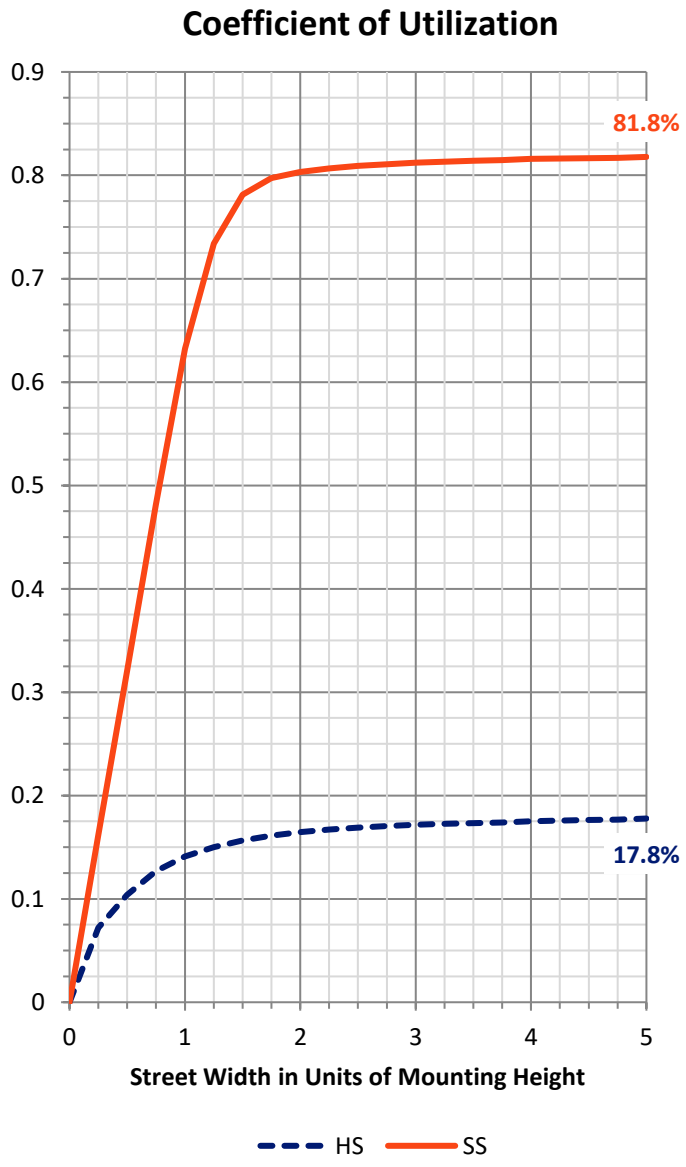
REPORT NUMBER: P1200670
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3744.3	0.0	3744.3
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	16948.7	0.0	16948.7
	% Fixture	81.9	0.0	81.9
Total	Lumens	20693.0	0.0	20693.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	481.1	2.3
10°-20°	1214.4	5.9
20°-30°	1937.9	9.4
30°-40°	3068.1	14.8
40°-50°	4696.0	22.7
50°-60°	5029.9	24.3
60°-70°	3164.3	15.3
70°-80°	935.8	4.5
80°-90°	165.5	0.8
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°	20693.0	100.0
0°-180°	20693.0	100.0



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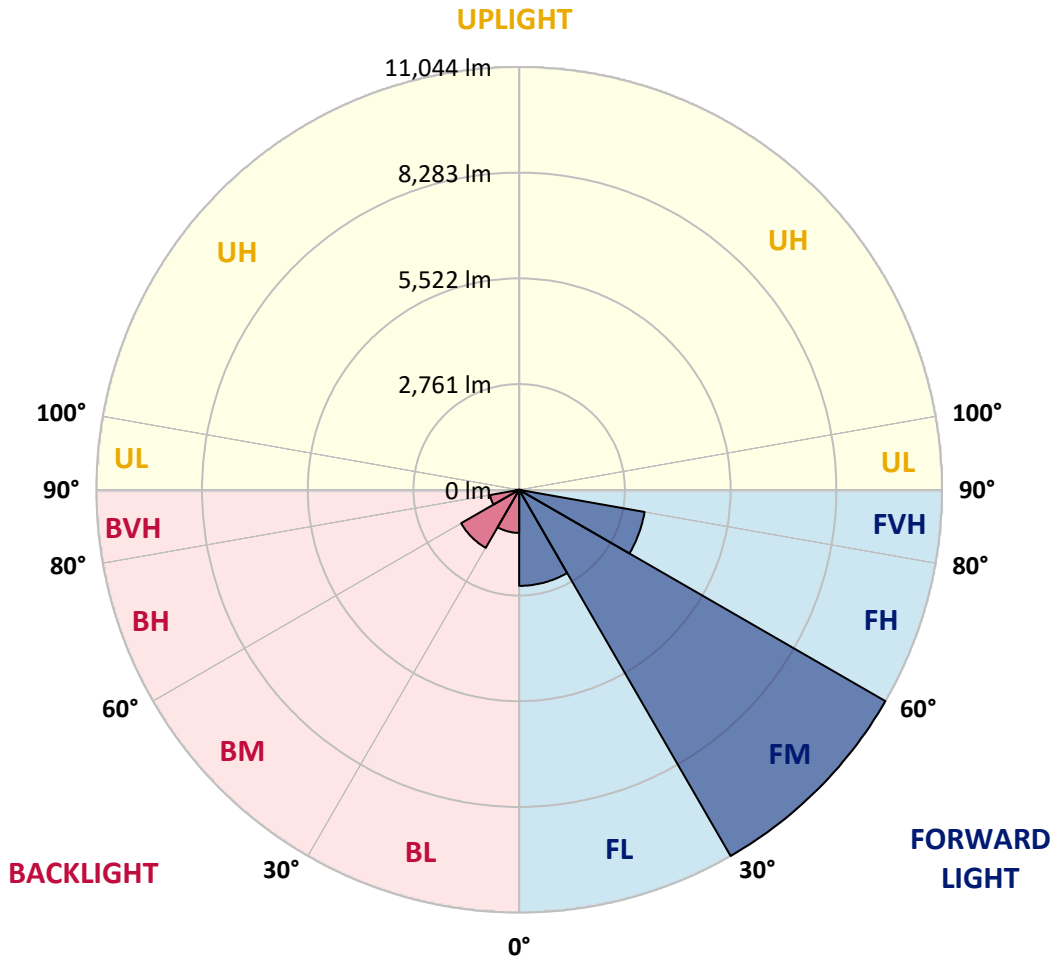
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2508.0	12.1			
FM	(30°-60°)	11044.0	53.4			
FH	(60°-80°)	3326.8	16.1			G2/5000
FVH	(80°-90°)	69.9	0.3			G1/100
BL	(0°-30°)	1125.4	5.4	B3/2500		
BM	(30°-60°)	1750.1	8.5	B2/2500		
BH	(60°-80°)	773.3	3.7	B2/1000		G2/1000
BVH	(80°-90°)	95.5	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	5185.0	5185.0	5185.0	5185.0	5185.0	5185.0	5185.0	5185.0	5185.0	5185.0	5185.0
2.5°	5948.8	5944.5	5968.0	5887.8	5833.3	5759.4	5662.1	5538.0	5404.3	5263.1	5202.1
5°	6484.7	6447.3	6471.9	6412.0	6352.1	6240.8	6096.4	5894.2	5647.1	5365.8	5216.0
7.5°	6400.2	6374.5	6437.7	6491.1	6536.1	6522.2	6416.3	6204.4	5885.7	5477.0	5259.9
10°	5718.8	5689.9	5778.7	5963.8	6235.5	6471.9	6600.3	6468.7	6129.6	5599.0	5302.7
12.5°	5117.6	5103.7	5162.5	5312.3	5614.0	6067.5	6576.7	6699.7	6383.1	5743.4	5360.4
15°	4860.9	4843.7	4881.2	4957.1	5149.7	5572.2	6362.8	6858.1	6632.3	5910.3	5452.4
17.5°	4804.2	4784.9	4801.0	4840.5	4964.6	5286.6	6039.7	6936.1	6892.3	6096.4	5529.4
20°	4909.0	4893.0	4895.1	4893.0	4979.6	5235.3	5815.1	6906.2	7119.1	6267.6	5604.3
22.5°	5162.5	5135.8	5136.9	5080.2	5127.2	5325.1	5756.2	6826.0	7321.3	6417.3	5661.0
25°	5575.4	5527.3	5536.9	5392.5	5379.7	5526.2	5848.2	6763.9	7522.4	6537.1	5671.7
27.5°	6140.3	6085.7	6056.8	5841.8	5739.1	5811.9	6035.4	6785.3	7712.8	6640.9	5645.0
30°	6846.3	6780.0	6721.1	6416.3	6230.1	6203.4	6326.4	6926.5	7937.4	6750.0	5599.0
32.5°	7711.7	7634.7	7527.7	7123.3	6861.3	6721.1	6702.9	7177.9	8200.6	6889.1	5575.4
35°	8741.9	8641.3	8489.4	7966.3	7634.7	7348.0	7199.3	7540.5	8561.1	7098.7	5602.2
37.5°	9803.0	9689.6	9550.6	8928.0	8520.4	8097.9	7804.8	8032.6	9041.4	7383.3	5672.8
40°	10781.8	10654.5	10525.1	9971.0	9533.5	9024.3	8546.1	8655.2	9628.7	7723.5	5792.6
42.5°	11359.5	11265.4	11216.1	10916.6	10578.6	10061.9	9468.2	9393.3	10288.7	8115.0	5929.5
45°	11333.8	11295.3	11447.2	11571.3	11491.1	11204.4	10548.6	10209.5	10950.9	8454.1	6055.8
47.5°	10728.3	10754.0	11093.1	11790.6	12097.6	12247.4	11778.8	11010.8	11526.4	8707.6	6112.5
50°	9081.0	9102.4	9887.5	11391.6	12253.8	13097.8	12999.4	11792.7	11972.4	8862.7	6099.6
52.5°	7777.0	7790.9	8127.8	10208.5	11738.2	13525.7	14099.1	12529.8	12298.7	8905.5	6027.9
55°	5857.9	5906.0	6283.6	8009.1	10396.7	13186.6	14768.7	13289.3	12505.2	8909.8	5953.1
57.5°	3422.1	3474.5	3940.9	5436.4	8080.8	12004.5	14870.4	13963.2	12645.3	8875.6	5908.1
60°	1676.3	1698.7	1902.0	2857.3	4982.8	9727.1	14053.1	14289.5	12723.4	8857.4	5906.0
62.5°	1129.6	1126.4	1135.0	1409.9	2455.0	6249.4	12350.1	13718.3	12681.7	8787.9	5884.6
65°	971.3	959.6	927.5	989.5	1271.9	2858.3	9542.0	12013.1	12364.0	8613.5	5738.0
67.5°	839.7	840.8	841.9	822.6	908.2	1319.0	5831.1	9462.9	11223.6	7787.7	5173.2
70°	695.3	705.0	709.2	709.2	740.3	865.4	2489.3	6485.8	8853.1	6106.0	4166.6
72.5°	633.3	613.0	615.1	604.4	604.4	659.0	1002.3	3676.7	5577.6	3434.9	2542.8
75°	516.7	529.5	531.7	524.2	499.6	502.8	594.8	1542.6	2386.6	1424.9	1256.9
77.5°	446.1	446.1	450.4	445.0	425.8	376.5	396.9	598.0	811.9	584.1	627.9
80°	358.4	357.3	375.5	386.2	356.2	278.1	253.5	330.5	360.5	256.7	326.3
82.5°	174.4	185.1	257.8	294.2	270.6	201.1	155.1	205.4	192.6	113.4	146.6
85°	101.6	96.3	115.5	163.7	155.1	111.3	74.9	107.0	100.6	57.8	58.8
87.5°	32.1	30.0	23.5	55.6	44.9	31.0	20.3	31.0	27.8	12.8	12.8
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°	5185.0	5185.0	5185.0	5185.0	5185.0	5185.0	5185.0	5185.0	5185.0	5185.0
2.5°	5126.2	4999.9	4874.8	4760.3	4690.8	4645.8	4600.9	4550.6	4531.4	4502.5
5°	5074.8	4830.9	4613.8	4426.6	4256.5	4122.7	3988.0	3878.9	3829.6	3862.8
7.5°	5044.9	4691.8	4357.0	4013.6	3683.1	3418.9	3188.9	3027.3	2954.6	2972.8
10°	5018.1	4534.6	4024.3	3482.0	3007.0	2679.7	2444.3	2321.3	2275.3	2284.9
12.5°	4993.5	4358.1	3623.2	2909.7	2404.8	2188.7	2121.3	2122.3	2130.9	2137.3
15°	4989.2	4145.2	3175.0	2409.0	2079.6	2065.7	2138.4	2184.4	2209.0	2216.5
17.5°	4982.8	3890.6	2718.2	2067.8	2000.4	2094.5	2161.9	2191.9	2211.1	2212.2
20°	4957.1	3567.6	2296.7	1905.2	1983.3	2064.6	2106.3	2129.8	2145.9	2151.2
22.5°	4878.0	3208.1	1968.3	1832.5	1914.8	1980.1	2029.3	2056.0	2065.7	2072.1
25°	4735.7	2805.9	1741.5	1762.9	1819.6	1902.0	1941.6	1946.9	1943.7	1953.3
27.5°	4549.6	2374.8	1600.3	1668.8	1741.5	1812.1	1833.5	1830.3	1823.9	1834.6
30°	4324.9	1987.6	1510.5	1562.9	1662.4	1726.5	1745.8	1738.3	1725.5	1737.2
32.5°	4087.4	1670.9	1436.7	1489.1	1597.1	1660.2	1679.5	1672.0	1662.4	1672.0
35°	3866.0	1449.5	1368.2	1439.9	1545.8	1607.8	1632.4	1633.5	1633.5	1645.2
37.5°	3662.8	1320.1	1311.5	1408.8	1510.5	1566.1	1601.4	1603.5	1557.5	1560.7
40°	3474.5	1265.5	1285.8	1388.5	1476.2	1529.7	1531.9	1412.0	1327.5	1325.4
42.5°	3320.5	1254.8	1293.3	1386.4	1451.6	1453.8	1302.9	1209.9	1186.3	1187.4
45°	3176.0	1251.6	1310.4	1386.4	1415.3	1255.9	1154.2	1129.6	1131.8	1140.3
47.5°	3014.5	1238.8	1313.6	1367.1	1310.4	1116.8	1086.8	1076.2	1071.9	1074.0
50°	2838.0	1192.8	1273.0	1328.6	1130.7	1056.9	1019.5	1016.2	1021.6	1024.8
52.5°	2651.9	1117.9	1203.4	1259.1	1048.3	1004.5	962.8	970.2	993.8	1001.3
55°	2529.9	1030.2	1111.5	1120.0	990.6	955.3	920.0	937.1	980.9	994.9
57.5°	*2497.8*	*937.1*	*1006.6*	*997.0*	*916.8*	*912.5*	*891.1*	*906.1*	*961.7*	*982.0*
60°	2488.2	853.6	903.9	896.4	845.1	865.4	860.1	867.6	886.8	893.2
62.5°	2413.3	787.3	811.9	801.2	780.9	816.2	829.0	813.0	828.0	835.5
65°	2222.9	733.8	722.1	714.6	723.1	755.2	780.9	748.8	762.7	784.1
67.5°	1908.4	661.1	629.0	637.6	664.3	681.4	714.6	678.2	690.0	726.3
70°	1543.6	569.1	540.2	564.8	590.5	625.8	631.1	606.5	634.4	675.0
72.5°	1092.2	476.0	455.7	506.0	514.5	560.5	548.8	537.0	575.5	589.4
75°	757.4	384.0	372.3	410.8	441.8	481.4	472.8	486.7	568.0	574.4
77.5°	479.2	298.5	291.0	315.6	358.4	402.2	416.1	574.4	970.2	1008.8
80°	278.1	222.5	213.9	233.2	270.6	311.3	401.1	705.0	639.7	632.2
82.5°	155.1	153.0	142.3	147.6	180.8	224.6	567.0	496.4	403.3	416.1
85°	72.7	89.9	77.0	73.8	101.6	263.2	378.7	283.5	188.3	184.0
87.5°	19.3	17.1	17.1	19.3	42.8	226.8	150.8	120.9	71.7	69.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)