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: P1200673

Luminaire Tested: GPC-SB2D-735-U-SL2

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1200673
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2D-735-U-SL2
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20223 lumens
Efficiency:	N/A
Efficacy:	137.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G3

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

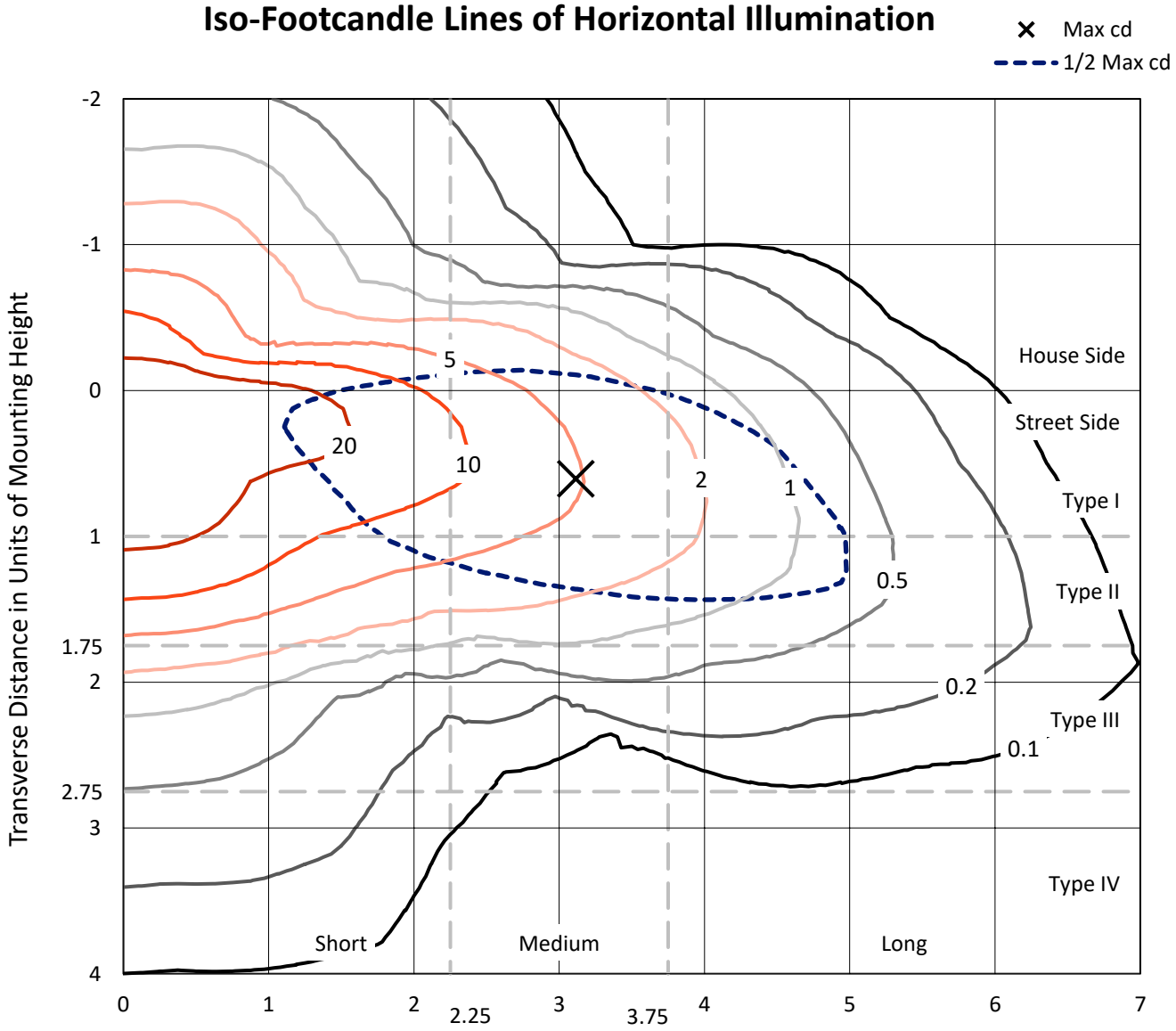


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Iso-Footcandle Lines of Horizontal Illumination



Longitudinal Distance in Units of Mounting Height

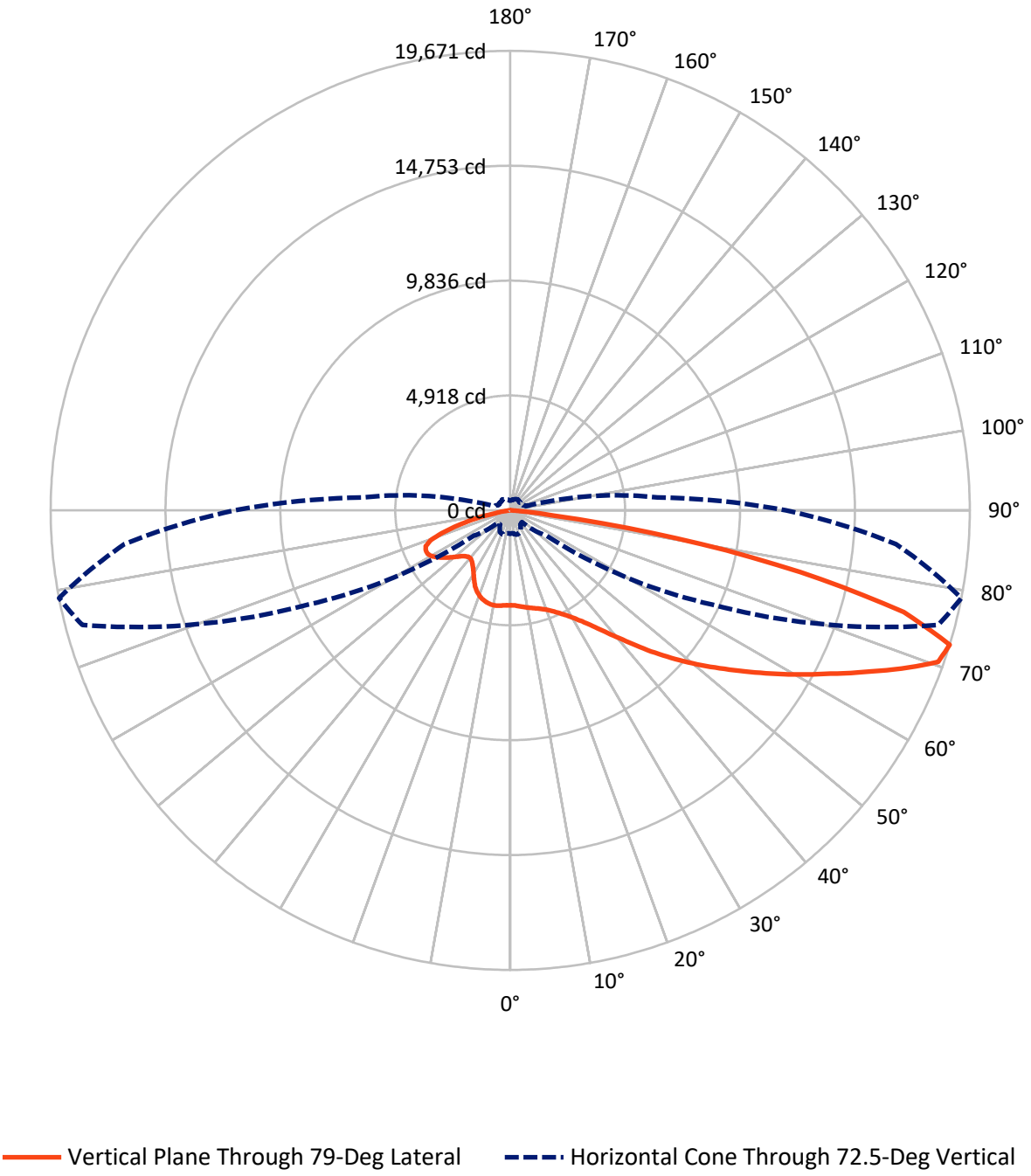
Based on 10 foot mounting height. Maximum calculated value = 40.8 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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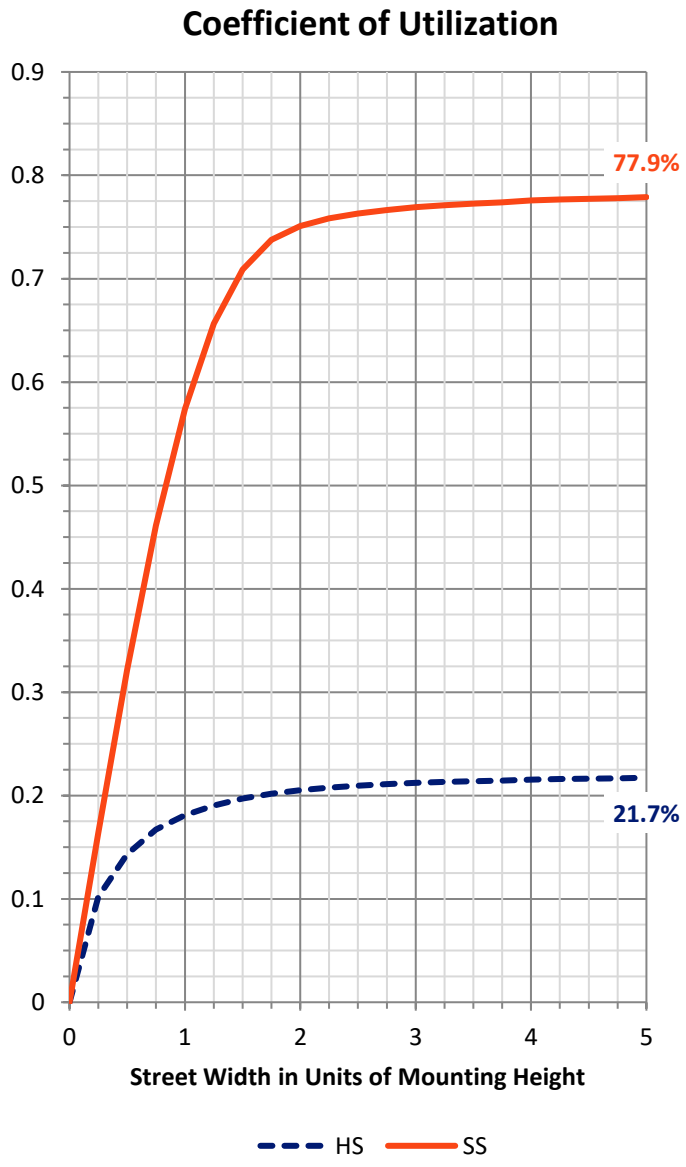
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4450.2	0.0	4450.2
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	15772.8	0.0	15772.8
	% Fixture	78.0	0.0	78.0
Total	Lumens	20223.0	0.0	20223.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	368.5	1.8
10°-20°	963.4	4.8
20°-30°	1554.6	7.7
30°-40°	2333.2	11.5
40°-50°	3309.8	16.4
50°-60°	4179.8	20.7
60°-70°	4245.1	21.0
70°-80°	2893.3	14.3
80°-90°	375.4	1.9
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°	20223.0	100.0
0°-180°	20223.0	100.0



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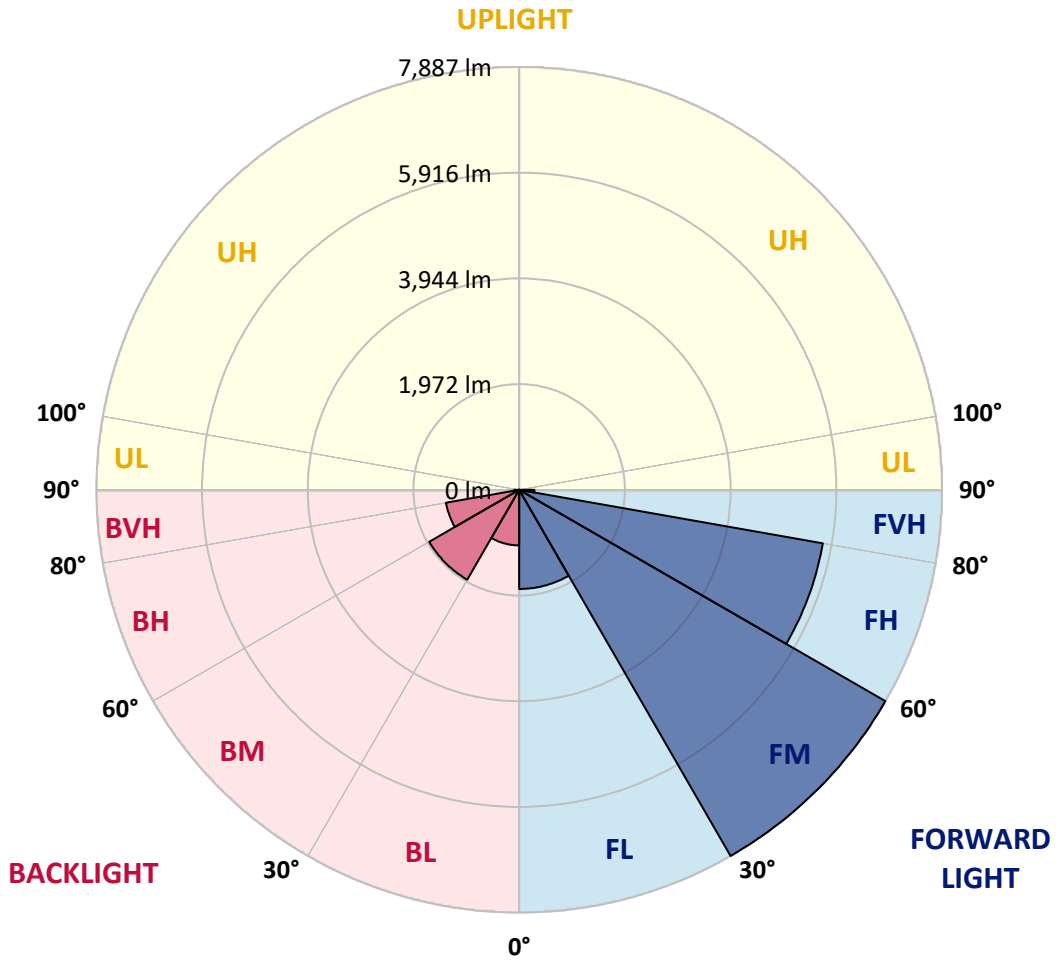
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1849.9	9.1			
FM	(30°-60°)	7887.4	39.0			
FH	(60°-80°)	5752.8	28.4			G3/7500
FVH	(80°-90°)	282.8	1.4			G3/500
BL	(0°-30°)	1036.6	5.1	B3/2500		
BM	(30°-60°)	1935.4	9.6	B2/2500		
BH	(60°-80°)	1385.6	6.9	B3/2500		G3/2500
BVH	(80°-90°)	92.6	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-G3
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	4059.6	4059.6	4059.6	4059.6	4059.6	4059.6	4059.6	4059.6	4059.6	*4059.6*	4059.6
2.5°	4061.7	4042.5	4054.2	4049.9	4055.3	4061.7	4063.9	4067.1	4077.8	*4076.7*	4075.6
5°	4053.2	4033.9	4049.9	4044.6	4058.5	4073.5	4086.3	4098.1	4115.2	*4122.7*	4112.0
7.5°	4035.0	4022.1	4038.2	4054.2	4079.9	4102.4	4120.5	4147.3	4171.9	*4176.2*	4183.7
10°	3929.1	3919.4	3956.9	3998.6	4069.2	4130.2	4169.8	4200.8	4227.5	*4231.8*	4242.5
12.5°	3818.9	3807.1	3848.8	3905.5	4020.0	4130.2	4213.6	4254.3	4277.8	*4291.7*	4307.7
15°	3800.7	3791.1	3814.6	3863.8	3959.0	4101.3	4243.6	4318.4	4338.8	*4354.8*	4361.2
17.5°	3888.4	3870.2	3879.9	3897.0	3952.6	4074.6	4267.1	4391.2	4422.2	*4439.3*	4439.3
20°	4091.7	4066.0	4051.0	4016.8	4007.2	4078.8	4265.0	4478.9	4519.6	*4540.9*	4546.3
22.5°	4362.3	4345.2	4313.1	4226.5	4132.3	4131.2	4305.6	4591.2	4667.2	*4687.5*	4674.7
25°	4689.6	4664.0	4623.3	4505.6	4324.9	4235.0	4374.1	4734.6	4861.9	*4867.2*	4829.8
27.5°	5066.2	5027.7	4972.0	4816.9	4573.0	4397.6	4478.9	4899.3	5085.4	*5083.3*	5006.3
30°	5463.0	5424.5	5365.7	5177.4	4870.4	4616.9	4624.4	5076.9	5350.7	*5339.0*	5207.4
32.5°	5752.9	5724.1	5712.3	5566.8	5212.7	4875.8	4791.3	5273.7	5678.1	*5667.4*	5483.4
35°	5975.4	5938.0	5951.9	5878.1	5586.1	5165.7	4995.6	5508.0	6076.0	*6074.9*	5846.0
37.5°	6195.8	6162.6	6174.4	6125.2	5931.6	5533.6	5244.8	5794.7	6569.1	*6592.7*	6284.6
40°	6396.9	6361.6	6408.7	6362.7	6200.1	5925.2	5528.3	6118.8	7140.4	*7185.3*	6815.2
42.5°	6517.8	6490.0	6568.1	6569.1	6433.3	6255.7	5839.6	6476.1	7801.4	*7902.0*	7467.7
45°	6559.5	6549.9	6667.5	6692.1	6639.7	6447.2	6119.8	6865.4	8513.9	*8693.6*	8211.1
47.5°	6514.6	6496.4	6659.0	6749.9	6791.6	6537.0	6352.0	7286.9	9241.3	*9504.4*	9022.0
50°	6287.8	6252.5	6494.3	6685.7	6834.4	6595.9	6586.2	7773.6	10068.2	*10355.9*	9837.1
52.5°	5880.2	5853.5	6128.4	6461.1	6740.3	6624.8	6849.4	8305.3	10853.3	*11225.6*	10672.6
55°	5359.3	5324.0	5626.7	6061.0	6506.0	6615.1	7112.5	8900.0	11779.7	*12157.3*	11535.8
57.5°	4533.5	4462.9	4845.8	5359.3	6124.1	6603.4	7386.4	9491.6	12721.1	*13173.6*	12456.9
60°	3329.0	3224.1	3693.7	4302.4	5377.5	6488.9	7725.5	10154.8	13850.7	*14258.3*	13462.4
62.5°	1938.3	1877.4	2184.4	2752.4	4053.2	5815.0	7915.9	10926.1	14961.1	*15388.9*	14450.8
65°	1505.1	1488.0	1514.7	1558.6	2256.0	4353.7	7328.6	11678.1	16373.1	*16672.6*	15480.9
67.5°	1376.7	1363.9	1375.7	1293.3	1144.6	2425.0	5797.9	11868.5	17885.7	*18067.5*	16382.7
70°	1223.8	1208.8	1247.3	1176.7	900.7	1102.9	3746.1	11177.5	19089.1	*19430.3*	17068.4
72.5°	*997.0*	*979.9*	*1069.7*	*1037.6*	*758.4*	*708.2*	*1881.6*	*9535.5*	*18962.9*	*19671.0*	*16577.4*
75°	765.9	756.3	863.3	890.0	618.3	557.3	902.8	7087.9	16687.6	*17401.1*	14287.1
77.5°	594.8	587.3	641.8	739.2	498.5	432.2	555.2	4496.0	12575.6	*12700.7*	9845.7
80°	446.1	424.7	475.0	572.3	388.3	315.6	376.5	2621.9	7949.1	*7205.6*	4285.3
82.5°	279.2	268.5	310.2	381.9	273.8	217.2	245.0	1448.4	3185.6	*1876.3*	826.9
85°	159.4	155.1	169.0	218.2	148.7	125.2	140.1	639.7	581.9	*400.1*	249.2
87.5°	64.2	62.0	77.0	97.3	54.6	46.0	49.2	154.0	128.4	*118.7*	82.4
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°	4059.6	4059.6	4059.6	4059.6	4059.6	4059.6	4059.6	4059.6	4059.6	4059.6	4059.6
2.5°	4071.3	4071.3	4056.4	4032.8	4006.1	3989.0	3961.2	3953.7	3924.8	3916.2	3930.1
5°	4120.5	4112.0	4066.0	3999.7	3908.7	3825.3	3733.3	3675.5	3594.2	3565.4	3586.8
7.5°	4182.6	4159.1	4079.9	3934.4	3744.0	3556.8	3362.1	3214.5	3073.3	3023.0	3029.4
10°	4239.3	4206.1	4071.3	3816.7	3487.3	3163.2	2852.9	2635.8	2471.0	2403.7	2418.6
12.5°	4296.0	4235.0	4014.6	3621.0	3122.5	2682.8	2352.3	2183.3	2081.7	2000.4	2027.1
15°	4349.5	4263.9	3926.9	3358.9	2722.4	2276.4	2032.5	1897.7	1816.4	1762.9	1772.5
17.5°	4411.5	4288.5	3795.4	3026.2	2341.6	1995.0	1796.1	1714.8	1698.7	1692.3	1696.6
20°	4498.2	4311.0	3622.1	2654.0	2061.3	1770.4	1667.7	1660.2	1659.1	1655.9	1666.6
22.5°	4591.2	4337.7	3393.1	2315.9	1822.8	1630.2	1612.1	1597.1	1587.5	1586.4	1598.2
25°	4701.4	4346.3	3106.5	2038.9	1619.6	1563.9	1542.5	1520.1	1513.6	1513.6	1520.1
27.5°	4808.4	4317.4	2772.7	1798.2	1505.1	1503.0	1475.1	1467.7	1466.6	1469.8	1478.3
30°	4915.3	4262.8	2441.1	1575.7	1438.8	1438.8	1429.1	1434.5	1438.8	1449.5	1457.0
32.5°	5059.8	4205.1	2164.0	1411.0	1381.0	1370.3	1379.9	1390.6	1394.9	1408.8	1420.6
35°	5271.6	4164.4	1943.7	1321.1	1321.1	1307.2	1312.5	1310.4	1300.8	1294.4	1309.3
37.5°	5551.8	4162.3	1761.8	1279.4	1270.8	1268.7	1269.8	1255.8	1218.4	1173.5	1174.5
40°	5888.8	4220.0	1621.7	1250.5	1244.1	1256.9	1250.5	1213.1	1110.4	1032.3	1030.1
42.5°	6341.3	4384.8	1531.8	1215.2	1234.5	1250.5	1224.8	1095.4	1025.9	973.4	971.3
45°	6874.0	4652.2	1485.8	1177.8	1216.3	1235.5	1111.4	1054.7	999.1	936.0	931.7
47.5°	7477.3	4989.2	1475.1	1142.5	1175.6	1187.4	1063.3	1037.6	974.5	906.1	900.7
50°	8134.1	5388.2	1504.0	1100.7	1116.8	1076.1	1047.3	1023.7	958.5	891.1	883.6
52.5°	8813.4	5827.8	1561.8	1044.0	1057.9	1013.0	1040.8	1020.5	948.8	857.9	851.5
55°	9480.9	6270.7	1617.4	977.7	998.0	956.3	1022.6	1007.7	905.0	802.3	796.9
57.5°	10159.1	6711.4	1672.0	918.9	940.3	901.8	993.8	973.4	855.8	750.9	748.8
60°	10864.0	7139.3	1697.6	862.2	877.2	851.5	949.9	914.6	800.1	698.5	695.3
62.5°	11524.1	7495.5	1655.9	805.5	815.1	804.4	892.1	845.1	744.5	639.7	638.6
65°	12186.2	7707.3	1527.6	749.9	752.0	746.7	810.8	770.2	679.3	588.3	581.9
67.5°	12786.3	7826.0	1323.2	690.0	684.6	682.5	734.9	688.9	616.2	537.0	530.6
70°	12913.6	7524.4	1010.9	619.4	619.4	614.0	651.5	604.4	546.6	482.4	480.3
72.5°	*11794.7*	*6329.5*	*717.8*	*539.1*	*547.7*	*537.0*	*568.0*	*528.4*	*476.0*	*433.2*	*420.4*
75°	9510.9	4641.5	522.0	456.8	471.7	453.6	482.4	454.6	409.7	408.6	368.0
77.5°	6534.9	2870.0	378.7	376.5	387.2	363.7	396.9	381.9	341.2	323.1	302.7
80°	2788.8	1144.6	276.0	291.0	291.0	269.6	308.1	312.4	277.1	268.5	268.5
82.5°	555.2	325.2	193.6	200.0	188.3	181.9	218.2	241.8	333.8	371.2	372.3
85°	166.9	119.8	116.6	109.1	96.3	97.3	128.4	242.8	299.5	171.2	147.6
87.5°	46.0	30.0	31.0	24.6	20.3	26.7	43.9	184.0	100.6	42.8	36.4
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)