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: P1203749

Luminaire Tested: GWC-SB2D-735-U-SL3

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203749
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-12)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2D-735-U-SL3
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19885 lumens
Efficiency:	N/A
Efficacy:	134.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B2 - U0 - G4

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

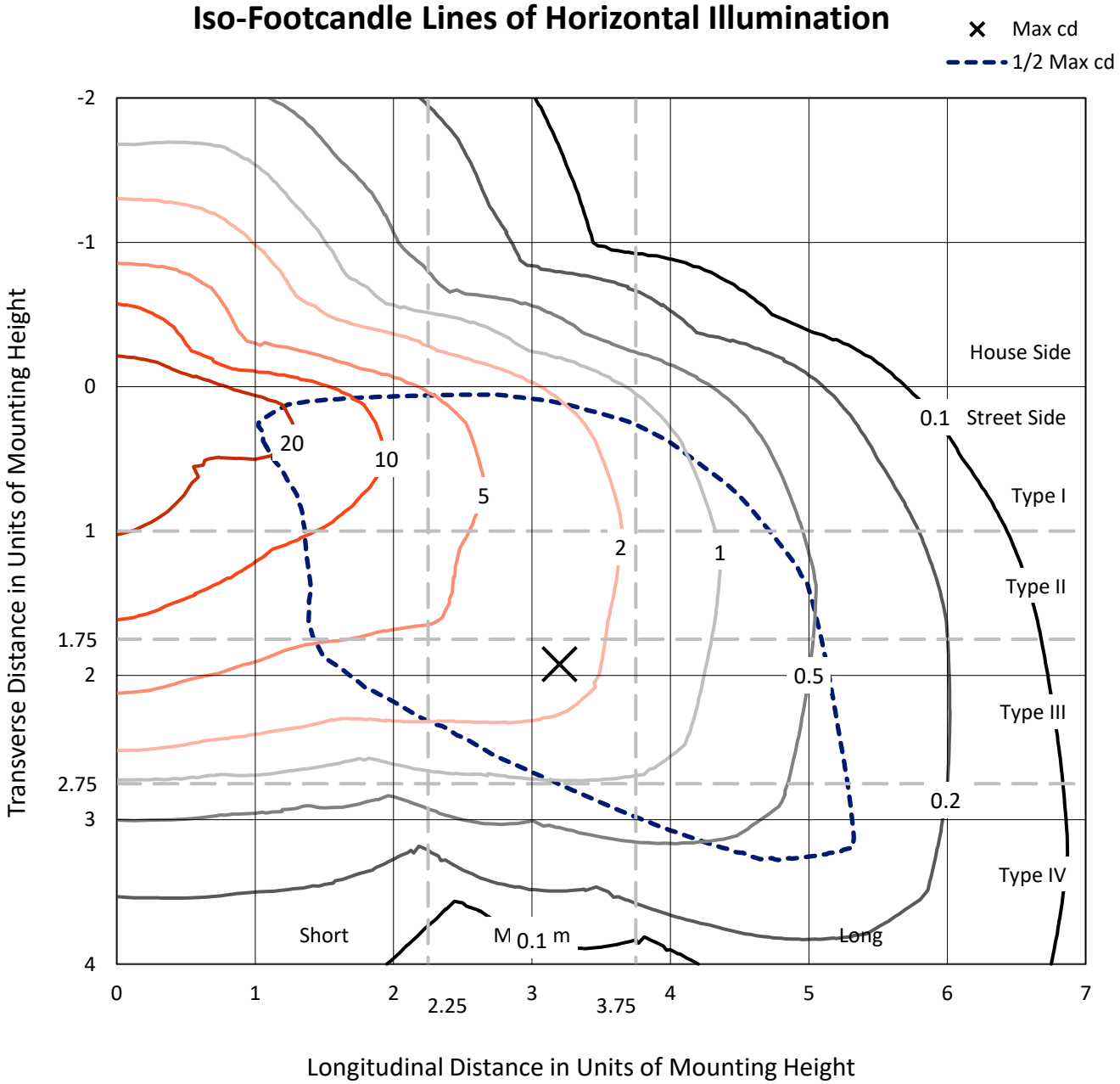


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Iso-Footcandle Lines of Horizontal Illumination



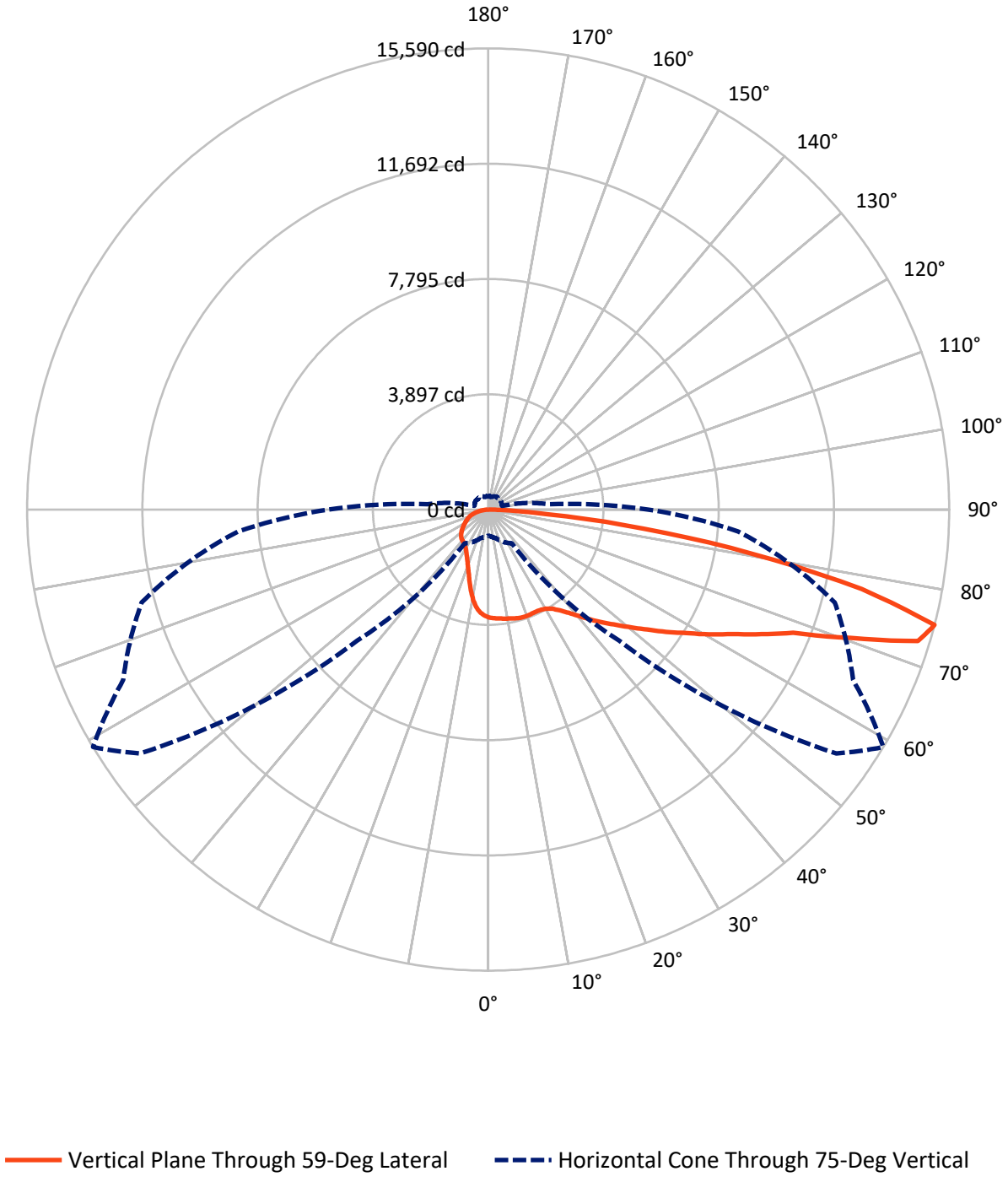
Based on 10 foot mounting height. Maximum calculated value = 36.5 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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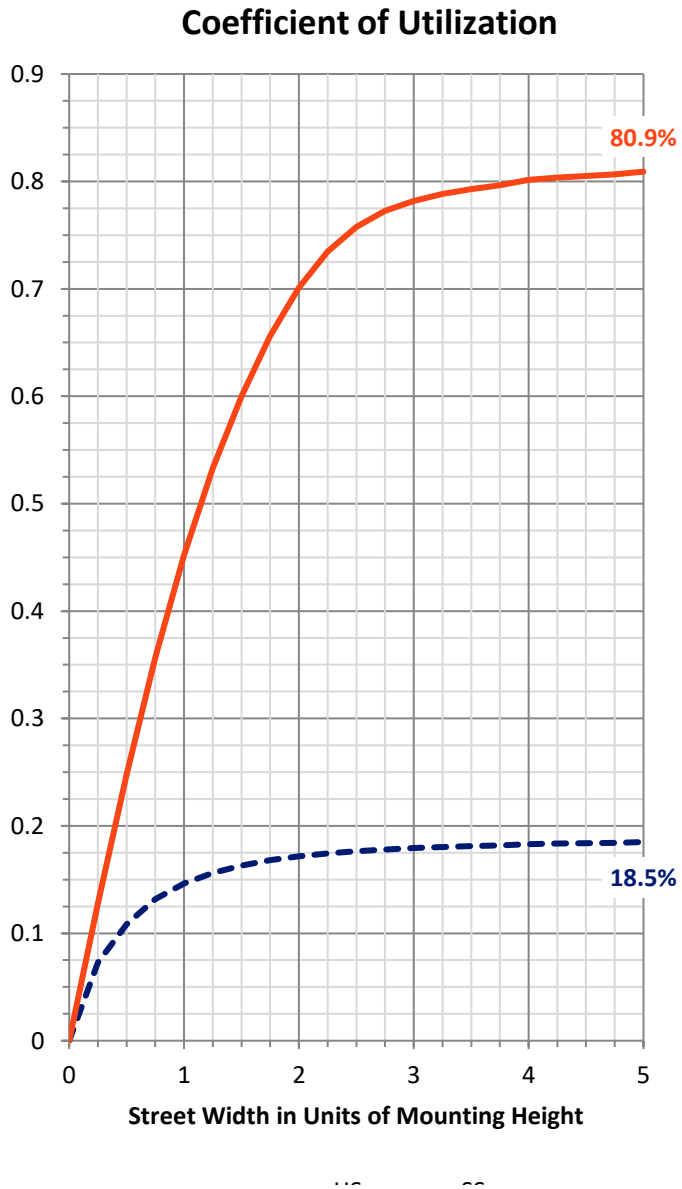
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3729.6	0.0	3729.6
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	16155.4	0.0	16155.4
	% Fixture	81.2	0.0	81.2
Total	Lumens	19885.0	0.0	19885.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	327.3	1.6
10°-20°	836.5	4.2
20°-30°	1270.6	6.4
30°-40°	1888.7	9.5
40°-50°	2808.9	14.1
50°-60°	3812.7	19.2
60°-70°	4654.7	23.4
70°-80°	3652.9	18.4
80°-90°	632.8	3.2
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°	19885.0	100.0
0°-180°	19885.0	100.0



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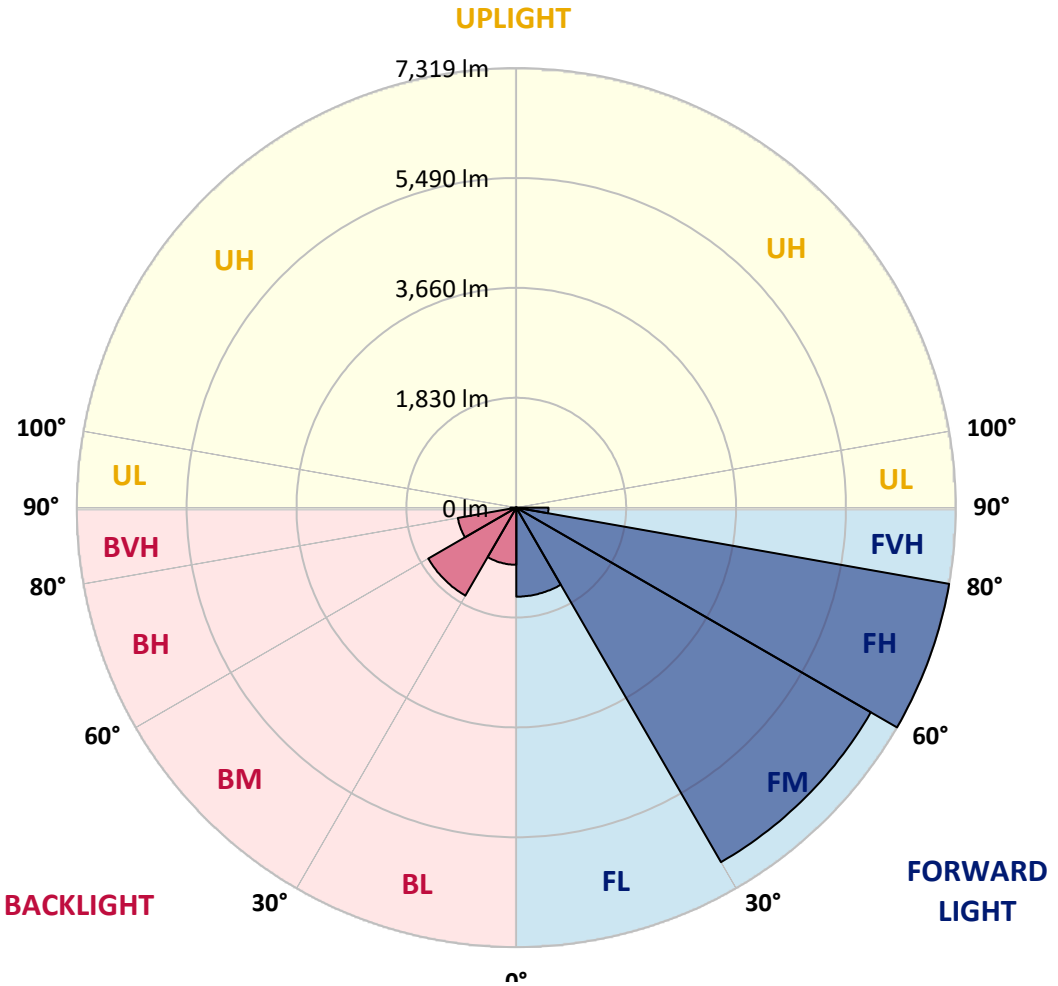
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1482.6	7.5			
FM	(30°-60°)	6817.4	34.3			
FH	(60°-80°)	7319.5	36.8			G3/7500
FVH	(80°-90°)	535.9	2.7			G4/750
BL	(0°-30°)	951.7	4.8	B2/1000		
BM	(30°-60°)	1692.9	8.5	B2/2500		
BH	(60°-80°)	988.1	5.0	B2/1000		G2/1000
BVH	(80°-90°)	96.9	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4
Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	3649.8	3649.8	3649.8	3649.8	3649.8	3649.8	3649.8	*3649.8*	3649.8	3649.8	3649.8
2.5°	3680.9	3668.0	3680.9	3675.5	3673.4	3669.1	3670.2	*3677.7*	3673.4	3678.7	3660.5
5°	3656.3	3648.8	3661.6	3658.4	3672.3	3674.5	3688.4	*3696.9*	3702.3	3703.3	3689.4
7.5°	3615.6	3608.1	3626.3	3641.3	3671.2	3679.8	3708.7	*3722.6*	3730.1	3742.9	3722.6
10°	3466.9	3463.7	3508.6	3565.3	3635.9	3679.8	3723.7	*3747.2*	3759.0	3793.2	3769.7
12.5°	3203.8	3208.1	3266.9	3376.0	3517.2	3658.4	3740.8	*3775.0*	3793.2	3836.0	3825.3
15°	2952.4	2951.3	3015.5	3132.1	3330.0	3564.3	3749.3	*3808.2*	3839.2	3902.3	3893.7
17.5°	2806.9	2802.6	2847.6	2936.4	3120.3	3419.9	3727.9	*3826.3*	3892.7	3971.8	3964.3
20°	2780.2	2771.6	2795.1	2839.0	2969.5	3261.5	3672.3	*3826.3*	3935.5	4038.2	4033.9
22.5°	2877.5	2863.6	2854.0	2848.6	2906.4	3131.0	3609.2	*3813.5*	3998.6	4133.4	4125.9
25°	3073.3	3051.9	3002.7	2954.5	2937.4	3072.2	3553.6	*3810.3*	4092.7	4261.7	4233.9
27.5°	3389.9	3363.2	3263.7	3148.2	3044.4	3102.2	3529.0	*3829.6*	4196.5	4397.6	4341.9
30°	3782.5	3753.6	3628.5	3450.9	3264.8	3213.4	3560.0	*3886.3*	4329.1	4578.4	4469.2
32.5°	4134.4	4102.3	3995.4	3814.6	3563.2	3406.0	3658.4	*3994.3*	4537.7	4829.7	4660.7
35°	4446.8	4409.3	4313.1	4146.2	3929.0	3676.6	3836.0	*4185.8*	4834.0	5238.4	4920.7
37.5°	4752.7	4708.9	4604.0	4427.5	4275.6	4037.1	4080.9	*4431.8*	5227.7	5734.7	5265.1
40°	5095.0	5031.9	4904.6	4730.3	4582.6	4459.6	4402.9	*4733.5*	5627.7	6288.8	5695.1
42.5°	5426.6	5366.7	5214.8	5066.1	4881.1	4845.8	4776.3	*5086.5*	6065.3	6897.5	6131.6
45°	5783.9	5712.2	5528.3	5340.0	5223.4	5102.5	5137.8	*5439.5*	6494.2	7517.9	6589.4
47.5°	6118.7	6038.5	5821.4	5611.7	5547.5	5318.6	5469.4	*5827.8*	6940.3	8146.9	7043.0
50°	6299.5	6220.4	6039.6	5850.2	5800.0	5585.0	5828.8	*6254.6*	7407.7	8773.8	7478.3
52.5°	6450.3	6364.8	6128.4	6023.5	6008.6	5874.8	6271.7	*6742.4*	7875.2	9327.9	7898.7
55°	6610.8	6515.6	6213.9	6119.8	6188.3	6200.0	6796.9	*7295.4*	8369.4	9868.1	8295.6
57.5°	6795.9	6675.0	6296.3	6201.1	6363.7	6580.9	7400.2	*7868.8*	8855.1	10368.7	8648.6
60°	6970.2	6848.3	6454.6	6330.5	6553.0	7022.6	8092.3	*8563.0*	9404.9	10814.8	8982.3
62.5°	7004.5	6903.9	6580.9	6579.8	6809.8	7538.2	8911.7	*9263.7*	9885.2	11255.5	9281.9
65°	6411.8	6348.7	6157.2	6570.2	7177.7	8280.6	9824.2	*10160.1*	10496.0	11640.6	9545.0
67.5°	4880.0	4888.6	4874.7	5671.6	6880.4	9347.1	11145.3	*11119.6*	11250.1	12072.7	9847.7
70°	2231.4	2281.7	2609.0	3915.1	5512.2	9470.1	13329.6	*12997.0*	12196.8	12632.2	10109.8
72.5°	1205.6	1244.1	1377.8	1896.6	3314.0	8419.7	14962.0	*15198.4*	13455.9	13008.7	9822.1
75°	*884.6*	*906.0*	*999.1*	*1205.6*	*1391.7*	*6257.8*	*14376.9*	*15589.9*	*13613.1*	*12130.5*	*8481.7*
77.5°	662.1	671.8	747.7	955.3	712.4	3299.0	11487.6	*12911.4*	11653.4	9966.5	6265.3
80°	480.3	491.0	547.7	716.7	499.6	1206.6	7888.0	*9062.6*	7981.1	6353.0	3122.5
82.5°	331.6	335.9	360.5	487.8	348.7	468.5	4475.7	*5314.3*	4455.3	2229.3	842.9
85°	200.0	205.4	216.1	284.5	197.9	222.5	1931.9	*1998.2*	1331.8	532.7	262.1
87.5°	82.4	87.7	96.3	119.8	78.1	62.0	318.8	*400.1*	249.2	156.2	81.3
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°	3649.8	3649.8	3649.8	3649.8	3649.8	3649.8	3649.8	3649.8	3649.8	3649.8	3649.8
2.5°	3655.2	3647.7	3627.4	3599.6	3573.9	3541.8	3527.9	3516.1	3505.4	3485.1	3475.5
5°	3677.7	3657.3	3602.8	3532.2	3452.0	3364.2	3278.7	3219.8	3169.5	3132.1	3101.1
7.5°	3711.9	3673.4	3573.9	3429.5	3245.5	3057.2	2887.1	2766.3	2675.3	2642.2	2584.4
10°	3747.2	3701.2	3527.9	3273.3	2955.6	2665.7	2440.0	2315.9	2243.2	2219.6	2183.3
12.5°	3788.9	3721.5	3456.2	3056.2	2631.5	2313.8	2117.0	2044.2	2006.8	1993.9	1997.1
15°	3849.9	3738.6	3348.2	2784.5	2322.3	2057.1	1929.8	1879.5	1860.2	1859.2	1863.4
17.5°	3895.9	3741.8	3180.2	2493.5	2084.9	1901.9	1797.1	1777.9	1790.7	1809.9	1817.4
20°	3947.2	3713.0	2959.9	2228.2	1918.0	1766.1	1722.2	1735.1	1766.1	1793.9	1803.5
22.5°	3983.6	3660.5	2693.5	2021.8	1773.6	1688.0	1685.9	1712.6	1729.7	1743.6	1751.1
25°	4015.7	3571.8	2411.1	1848.5	1654.8	1640.9	1664.5	1655.9	1644.1	1655.9	1663.4
27.5°	4039.2	3431.6	2158.7	1696.6	1571.4	1608.8	1594.9	1575.7	1574.6	1581.0	1591.7
30°	4031.7	3244.4	1951.1	1552.1	1512.6	1548.9	1515.8	1512.6	1509.4	1512.6	1524.3
32.5°	4031.7	3031.6	1791.8	1452.7	1475.1	1461.2	1458.0	1450.5	1437.7	1436.6	1450.5
35°	4054.2	2818.7	1654.8	1399.2	1444.1	1410.9	1413.1	1394.9	1368.2	1355.3	1368.2
37.5°	4100.2	2647.5	1519.0	1373.5	1389.6	1388.5	1379.9	1348.9	1301.8	1261.2	1275.1
40°	4211.4	2597.3	1425.9	1361.7	1363.9	1376.7	1354.3	1294.3	1187.4	1121.1	1129.6
42.5°	4385.8	2681.8	1405.6	1332.9	1346.8	1359.6	1315.7	1176.7	1100.7	1061.2	1061.2
45°	4607.2	2829.4	1449.5	1291.1	1306.1	1328.6	1198.1	1131.8	1097.5	1098.6	1103.9
47.5°	4887.5	2984.5	1530.8	1254.8	1247.3	1260.1	1120.0	1079.3	1032.3	1044.0	1074.0
50°	5211.6	3141.7	1607.8	1205.6	1182.0	1140.3	1069.7	1031.2	971.3	943.5	951.0
52.5°	5562.5	3293.6	1638.8	1145.7	1111.4	1063.3	1035.5	988.4	915.7	869.7	868.6
55°	5895.2	3431.6	1604.6	1074.0	1040.8	1003.4	999.1	970.2	892.1	828.0	828.0
57.5°	6209.7	3547.2	1519.0	1001.2	969.2	946.7	975.6	961.7	863.3	780.9	776.6
60°	6476.0	3626.3	1394.9	927.4	905.0	893.2	937.1	932.8	822.6	730.6	727.4
62.5°	6687.8	3657.3	1258.0	856.8	851.5	830.1	883.6	883.6	771.3	681.4	678.2
65°	6853.6	3627.4	1118.9	787.3	798.0	765.9	818.3	811.9	716.7	637.5	633.3
67.5°	7000.2	3529.0	964.9	718.8	743.4	702.8	749.9	734.9	656.8	593.7	589.4
70°	7065.4	3300.1	789.4	650.4	680.3	640.8	681.4	653.6	589.4	546.6	538.1
72.5°	6541.3	2742.7	621.5	578.7	604.4	572.3	607.6	575.5	516.7	497.4	481.4
75°	*5411.7*	*2058.1*	*478.2*	*500.6*	*519.9*	*495.3*	*518.8*	*495.3*	*441.8*	*455.7*	*416.1*
77.5°	3930.1	1389.6	365.8	418.3	426.8	414.0	434.3	407.6	359.4	356.2	340.2
80°	1954.4	814.0	286.7	330.5	327.3	318.8	342.3	329.5	288.8	305.9	302.7
82.5°	565.9	348.7	208.6	232.1	225.7	227.8	245.0	251.4	376.5	373.3	381.9
85°	177.6	136.9	125.2	129.4	123.0	126.2	144.4	286.7	265.3	155.1	167.9
87.5°	46.0	47.1	31.0	33.2	34.2	40.6	46.0	174.4	83.4	54.6	57.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

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(END OF REPORT)