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: P1203748

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203748
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-13)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2D-735-U-SL3-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16385 lumens
Efficiency:	N/A
Efficacy:	111.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - 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

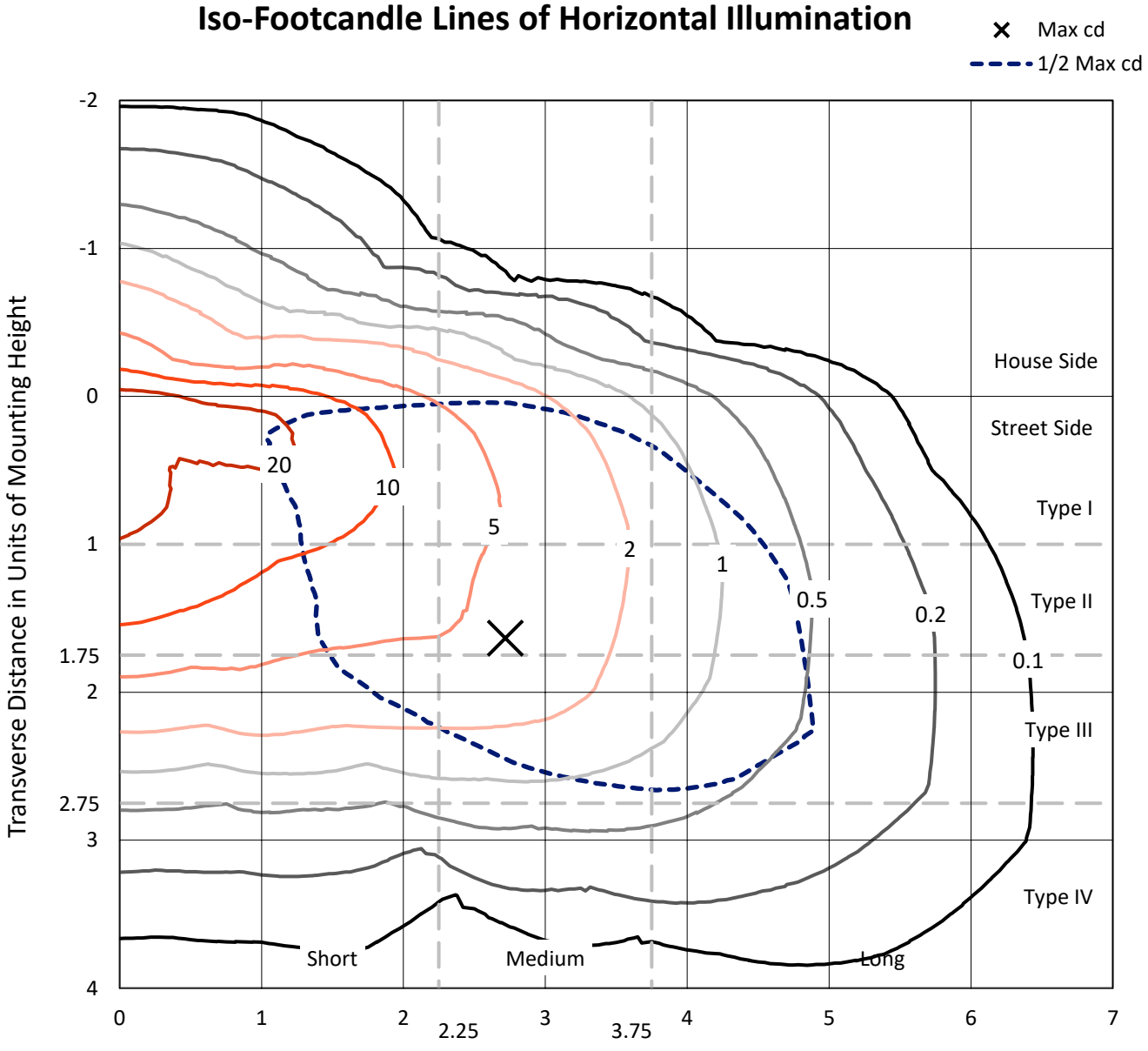


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Iso-Footcandle Lines of Horizontal Illumination



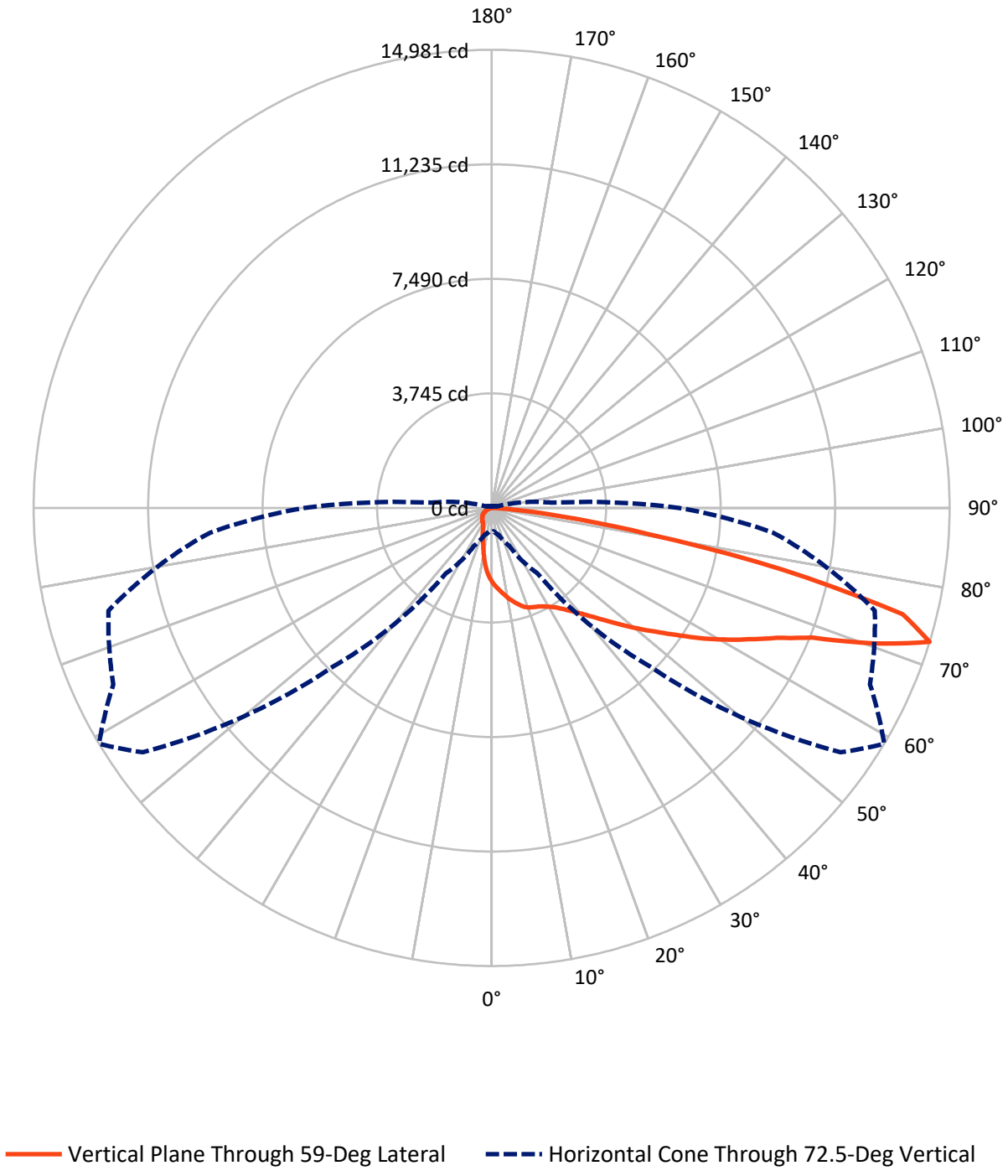
Based on 10 foot mounting height. Maximum calculated value = 30 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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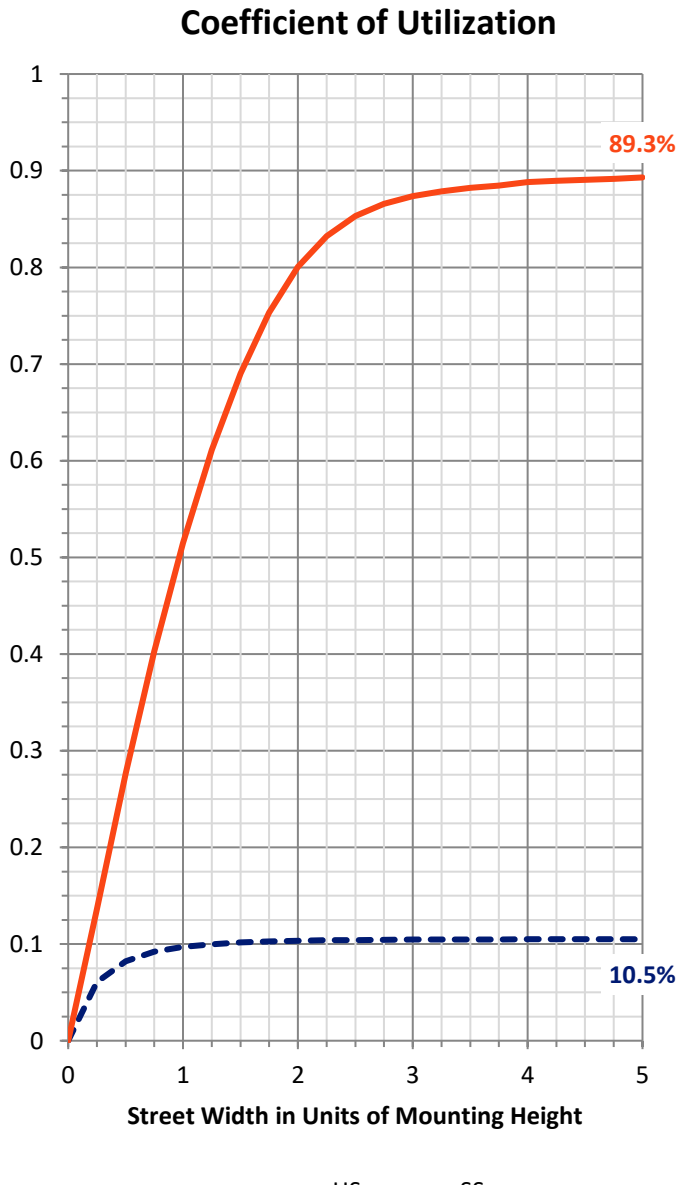
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1730.6	0.0	1730.6
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	14654.4	0.0	14654.4
	% Fixture	89.4	0.0	89.4
Total	Lumens	16385.0	0.0	16385.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	219.2	1.3
10°-20°	582.3	3.6
20°-30°	922.8	5.6
30°-40°	1480.9	9.0
40°-50°	2365.3	14.4
50°-60°	3424.7	20.9
60°-70°	4064.2	24.8
70°-80°	3017.1	18.4
80°-90°	308.5	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°	16385.0	100.0
0°-180°	16385.0	100.0



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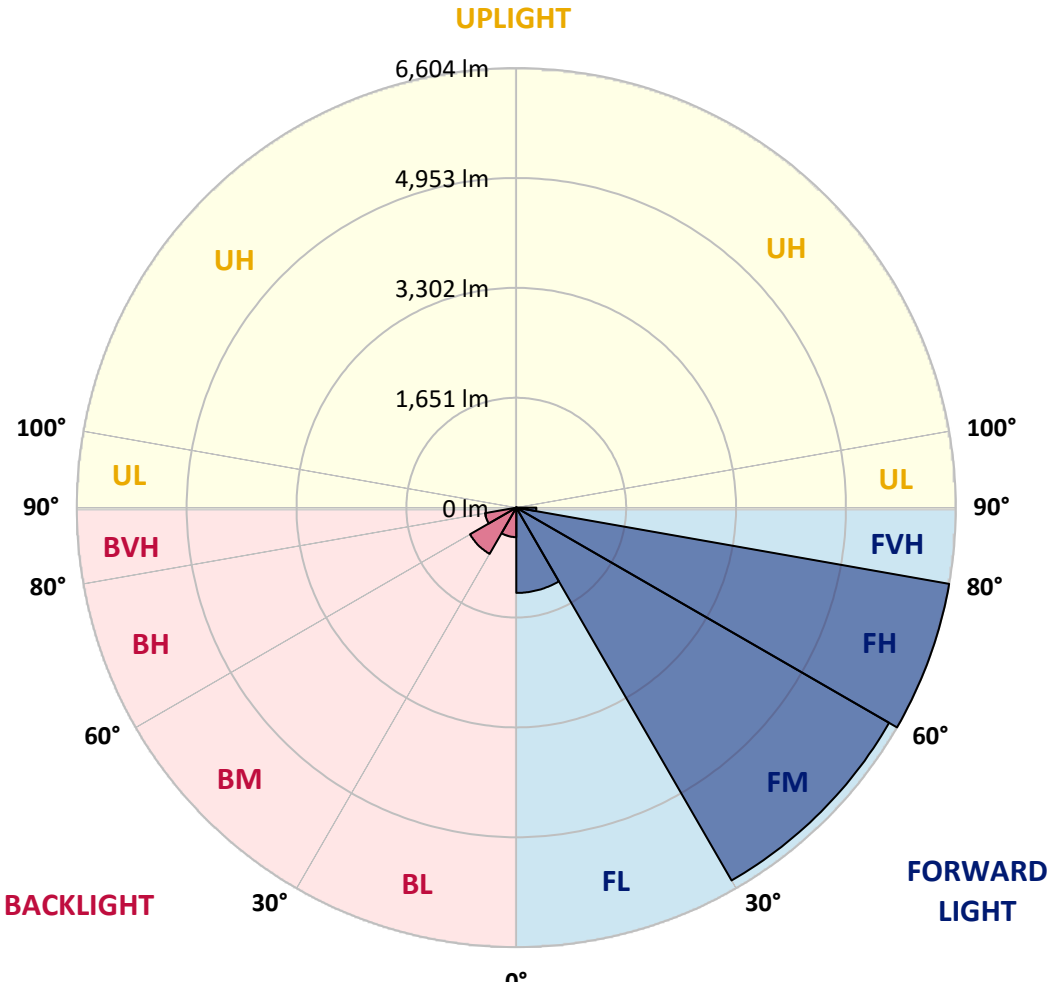
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1280.9	7.8			
FM	(30°-60°)	6468.6	39.5			
FH	(60°-80°)	6604.1	40.3			G3/7500
FVH	(80°-90°)	300.8	1.8			G3/500
BL	(0°-30°)	443.3	2.7	B1/500		
BM	(30°-60°)	802.4	4.9	B1/1000		
BH	(60°-80°)	477.2	2.9	B1/500		G1/500
BVH	(80°-90°)	7.7	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-G3
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	2423.0	2423.0	2423.0	2423.0	2423.0	2423.0	2423.0	2423.0	2423.0	2423.0	2423.0
2.5°	2688.2	2673.3	2675.4	2649.7	2631.5	2612.3	2574.9	2569.5	2542.8	2495.7	2447.6
5°	2922.5	2912.9	2904.3	2875.4	2838.0	2790.9	2727.8	2705.4	2656.2	2574.9	2480.7
7.5°	3093.7	3081.9	3086.2	3057.3	3027.4	2974.9	2888.3	2846.6	2781.3	2657.2	2514.9
10°	3126.8	3120.4	3148.2	3158.9	3158.9	3125.8	3041.3	2999.5	2904.3	2746.0	2550.2
12.5°	2940.7	2941.8	3011.3	3094.7	3203.9	3234.9	3178.2	3133.3	3039.1	2840.1	2595.2
15°	2723.5	2724.6	2792.0	2899.0	3077.6	3256.3	3301.2	3272.3	3175.0	2941.8	2647.6
17.5°	2593.0	2587.7	2632.6	2720.3	2907.5	3158.9	3376.1	3395.3	3316.2	3054.1	2705.4
20°	2574.9	2565.2	2588.8	2632.6	2766.3	3037.0	3384.6	3475.6	3461.7	3181.4	2771.7
22.5°	2686.1	2671.1	2658.3	2660.4	2717.1	2935.4	3363.2	3520.5	3611.4	3334.4	2862.6
25°	2906.5	2882.9	2841.2	2787.7	2776.0	2914.0	3348.3	3569.7	3750.5	3530.1	2982.4
27.5°	3176.0	3142.9	3062.7	2982.4	2914.0	2973.9	3379.3	3647.8	3907.7	3758.0	3121.5
30°	3472.4	3431.7	3351.5	3199.6	3090.5	3107.6	3453.1	3750.5	4108.9	4015.8	3295.9
32.5°	3907.7	3813.6	3673.5	3441.3	3296.9	3252.0	3564.4	3881.0	4358.1	4359.2	3548.3
35°	4281.1	4228.7	4087.5	3798.6	3502.3	3443.5	3710.9	4065.0	4703.6	4813.8	3901.3
37.5°	4526.1	4454.4	4330.3	4113.1	3821.1	3640.3	3906.7	4290.7	5069.5	5331.6	4336.7
40°	4799.9	4729.3	4564.6	4360.2	4191.2	3978.3	4153.8	4550.7	5470.6	5863.2	4834.1
42.5°	5130.5	5038.5	4843.8	4623.4	4446.9	4423.4	4476.8	4874.8	5882.5	6440.9	5351.9
45°	5518.8	5432.1	5208.5	4930.4	4775.3	4733.6	4883.3	5252.4	6341.4	7074.2	5875.0
47.5°	5882.5	5781.9	5541.2	5287.7	5115.5	4983.9	5315.5	5698.5	6861.3	7736.3	6369.2
50°	6191.6	6088.9	5868.6	5597.9	5481.3	5309.1	5740.2	6195.9	7376.9	8409.2	6820.6
52.5°	6403.4	6312.5	6053.6	5869.6	5790.5	5703.8	6237.6	6723.3	7890.4	9025.4	7266.7
55°	6355.3	6274.0	6046.1	6033.3	6028.0	6118.9	6832.4	7321.3	8413.5	9608.4	7710.7
57.5°	6202.3	6110.3	5825.8	6021.5	6210.9	6489.0	7476.4	8028.4	8986.8	10158.2	8138.5
60°	5752.0	5719.9	5546.6	5999.1	6287.9	6851.7	8212.4	8738.7	9607.3	10641.7	8518.3
62.5°	4798.8	4826.6	4825.6	6046.1	6427.0	7264.6	8880.9	9457.5	10213.8	11107.1	8856.3
65°	3593.2	3689.5	3812.5	5622.5	6613.1	8001.6	9680.0	10237.4	10830.0	11648.4	9199.7
67.5°	2414.4	2491.4	2574.9	4612.7	6059.0	8776.1	11007.6	11306.0	11568.1	12248.5	9585.9
70°	1382.1	1406.7	1523.3	2880.8	4670.5	8562.2	13169.5	13277.6	12668.9	12987.7	9867.2
72.5°	774.5	765.9	920.0	1367.1	2610.2	7332.0	13926.9	14980.6	13654.1	12975.9	9239.3
75°	517.8	518.8	633.3	862.2	1017.3	5132.6	12001.4	13890.5	13063.6	11506.1	7549.1
77.5°	353.0	364.8	465.3	666.4	470.7	2504.3	7939.6	9730.3	10576.5	8885.2	5211.8
80°	153.0	154.0	307.0	478.2	317.7	797.0	4116.3	5212.8	6633.4	4989.2	2064.6
82.5°	79.2	89.9	195.8	309.2	200.0	279.2	1944.8	2277.5	2783.5	1464.5	423.6
85°	27.8	33.2	120.9	151.9	100.6	99.5	677.1	690.0	589.4	220.4	116.6
87.5°	0.0	5.3	47.1	37.4	12.8	11.8	80.2	67.4	53.5	31.0	38.5
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°	2423.0	2423.0	2423.0	2423.0	2423.0	2423.0	2423.0	2423.0	2423.0	2423.0	2423.0
2.5°	2425.1	2396.2	2349.1	2291.4	2224.0	2187.6	2135.2	2103.1	2074.2	2075.3	2098.8
5°	2428.3	2380.2	2260.4	2133.1	1991.8	1888.1	1772.6	1691.3	1629.2	1614.2	1636.7
7.5°	2437.9	2356.6	2160.9	1949.1	1713.7	1539.3	1380.0	1279.4	1222.7	1207.7	1222.7
10°	2450.8	2331.0	2048.5	1724.4	1432.4	1222.7	1090.1	1025.9	1000.2	980.9	992.7
12.5°	2461.5	2304.2	1907.3	1492.3	1182.1	1018.4	917.8	864.3	841.9	828.0	835.5
15°	2479.6	2268.9	1754.4	1276.2	1013.0	879.3	784.1	744.5	738.1	740.3	743.5
17.5°	2497.8	2234.7	1583.2	1107.2	889.0	757.4	699.6	693.2	701.7	710.3	713.5
20°	2518.2	2185.5	1409.9	979.9	774.5	672.9	657.9	662.2	666.4	681.4	685.7
22.5°	2548.1	2123.4	1258.0	871.8	679.3	632.2	624.7	627.9	631.1	646.1	650.4
25°	2590.9	2057.1	1135.0	772.3	619.4	599.1	591.6	591.6	595.8	609.7	615.1
27.5°	2635.8	1963.0	1035.5	680.4	584.1	562.7	549.8	549.8	555.2	571.2	577.7
30°	2686.1	1877.4	957.4	611.9	554.1	526.3	509.2	504.9	511.3	531.7	537.0
32.5°	2777.0	1821.8	901.8	579.8	527.4	493.1	469.6	457.8	464.3	487.8	494.2
35°	2915.0	1808.9	863.3	563.8	501.7	463.2	430.0	411.8	417.2	441.8	449.3
37.5°	3076.6	1835.7	825.8	542.4	477.1	434.3	390.5	366.9	375.5	397.9	404.4
40°	3308.7	1946.9	797.0	526.3	452.5	400.1	350.9	327.3	341.2	360.5	363.7
42.5°	3589.0	2144.8	789.5	511.3	422.5	363.7	314.5	297.4	308.1	326.3	329.5
45°	3936.6	2397.3	823.7	492.1	389.4	328.4	285.6	276.0	279.2	297.4	305.9
47.5°	4310.0	2656.2	917.8	475.0	360.5	299.5	263.2	254.6	252.5	269.6	280.3
50°	4687.6	2886.1	1029.1	462.1	340.2	276.0	246.0	235.3	230.0	240.7	245.0
52.5°	5060.9	3069.1	1101.8	440.7	319.9	252.5	231.1	215.0	205.4	210.7	215.0
55°	5439.6	3229.5	1106.1	408.6	300.6	237.5	216.1	197.9	186.1	186.1	188.3
57.5°	5793.7	3370.7	1043.0	365.8	273.9	223.6	195.8	180.8	167.9	163.7	164.7
60°	6107.1	3475.6	938.2	317.7	250.3	205.4	175.4	163.7	147.6	139.1	136.9
62.5°	6386.3	3526.9	794.8	268.5	221.4	184.0	156.2	143.3	121.9	111.3	110.2
65°	6622.7	3474.5	645.1	222.5	196.8	160.5	133.7	120.9	97.3	84.5	84.5
67.5°	6857.0	3234.9	487.8	187.2	171.2	134.8	110.2	98.4	81.3	70.6	70.6
70°	6887.0	2731.0	341.2	157.3	142.3	103.8	88.8	81.3	66.3	56.7	55.6
72.5°	*6130.7*	*1965.1*	*207.5*	*128.4*	*111.3*	*73.8*	*70.6*	*64.2*	*49.2*	*42.8*	*41.7*
75°	4900.5	1204.5	121.9	96.3	73.8	52.4	52.4	46.0	33.2	27.8	27.8
77.5°	3386.8	630.1	71.7	62.0	43.9	31.0	34.2	27.8	16.0	12.8	12.8
80°	1356.4	239.6	38.5	28.9	20.3	13.9	11.8	6.4	3.2	2.1	3.2
82.5°	270.6	63.1	12.8	7.5	7.5	3.2	0.0	0.0	0.0	0.0	0.0
85°	69.5	13.9	3.2	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.4	0.0	0.0	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	0.0


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(END OF REPORT)