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: P1203372

Luminaire Tested: GWC-SB2C-735-U-SL2-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203372
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-11)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-735-U-SL2-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12137 lumens
Efficiency:	N/A
Efficacy:	120.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

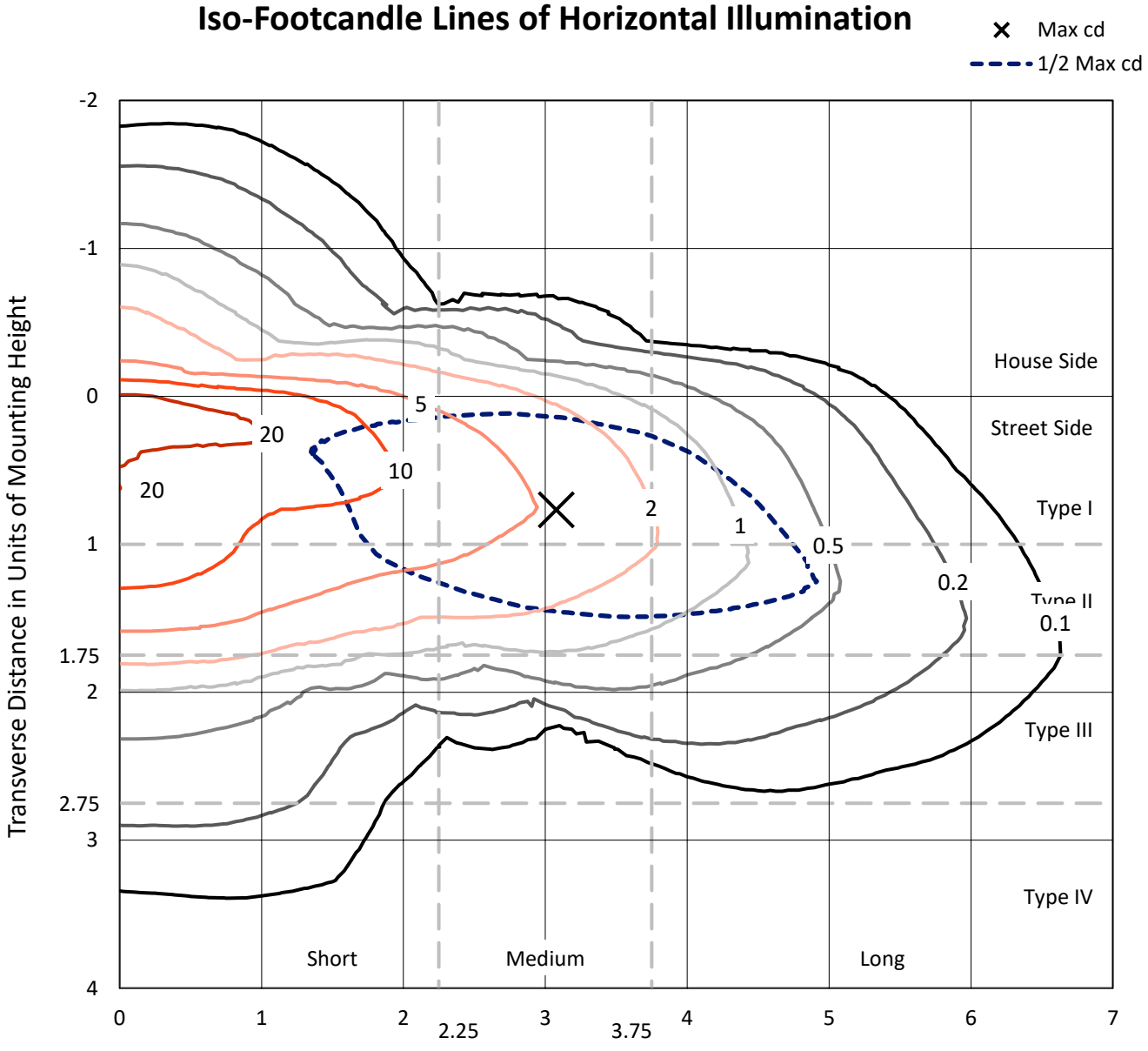


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Iso-Footcandle Lines of Horizontal Illumination



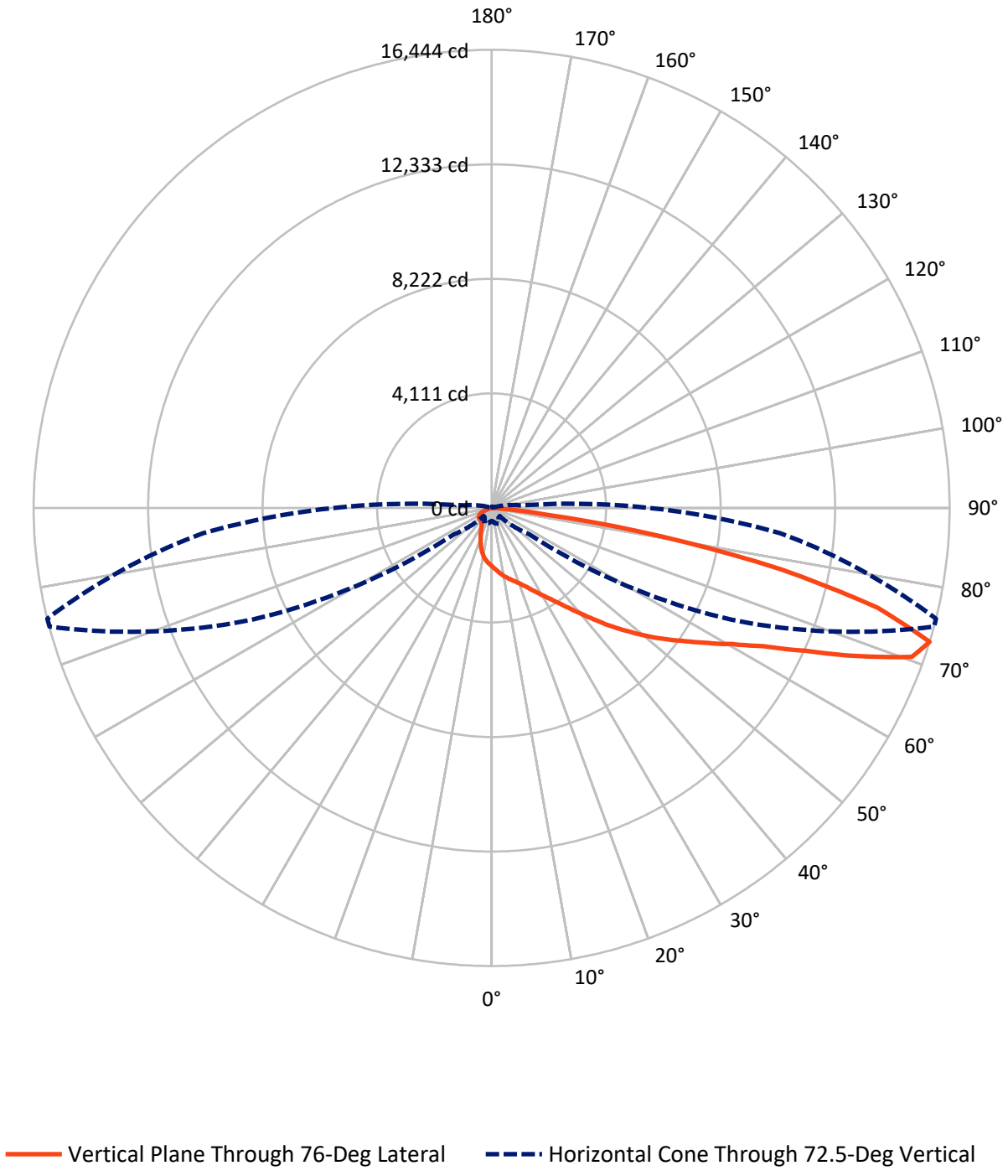
Based on 10 foot mounting height. Maximum calculated value = 27.7 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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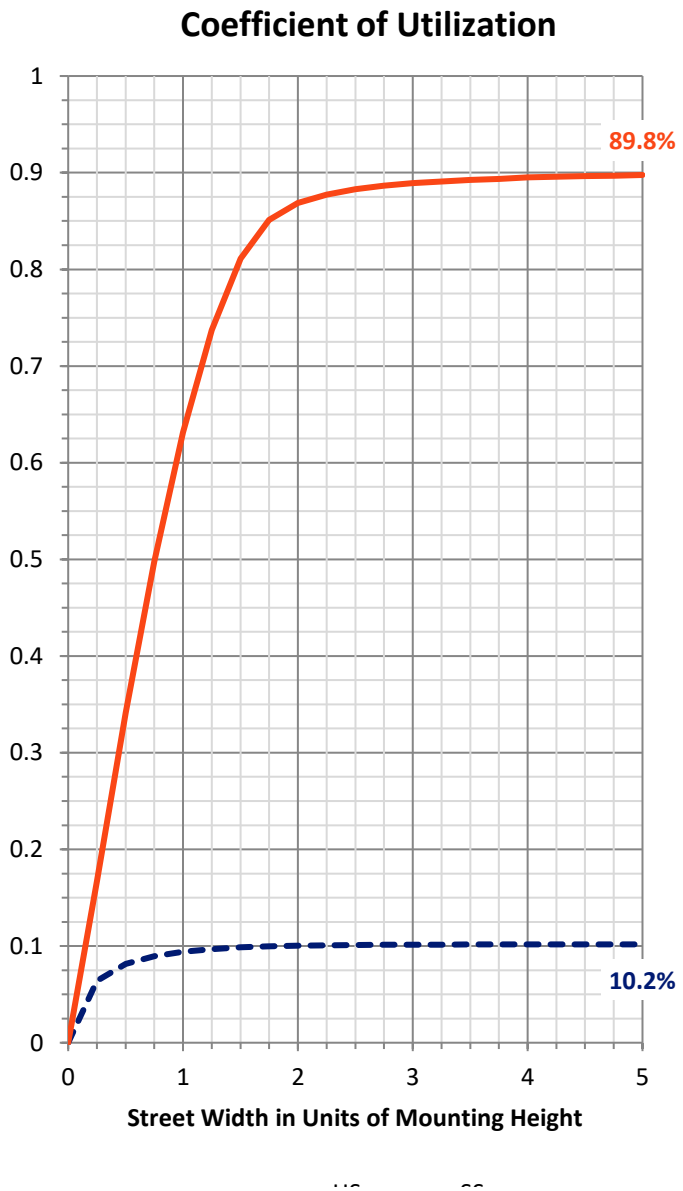
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1242.2	0.0	1242.2
	% Fixture	10.2	0.0	10.2
Street Side	Lumens	10894.8	0.0	10894.8
	% Fixture	89.8	0.0	89.8
Total	Lumens	12137.0	0.0	12137.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	190.8	1.6
10°-20°	511.5	4.2
20°-30°	809.5	6.7
30°-40°	1252.5	10.3
40°-50°	1902.3	15.7
50°-60°	2622.5	21.6
60°-70°	2770.5	22.8
70°-80°	1900.6	15.7
80°-90°	176.9	1.5
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°	12137.0	100.0
0°-180°	12137.0	100.0



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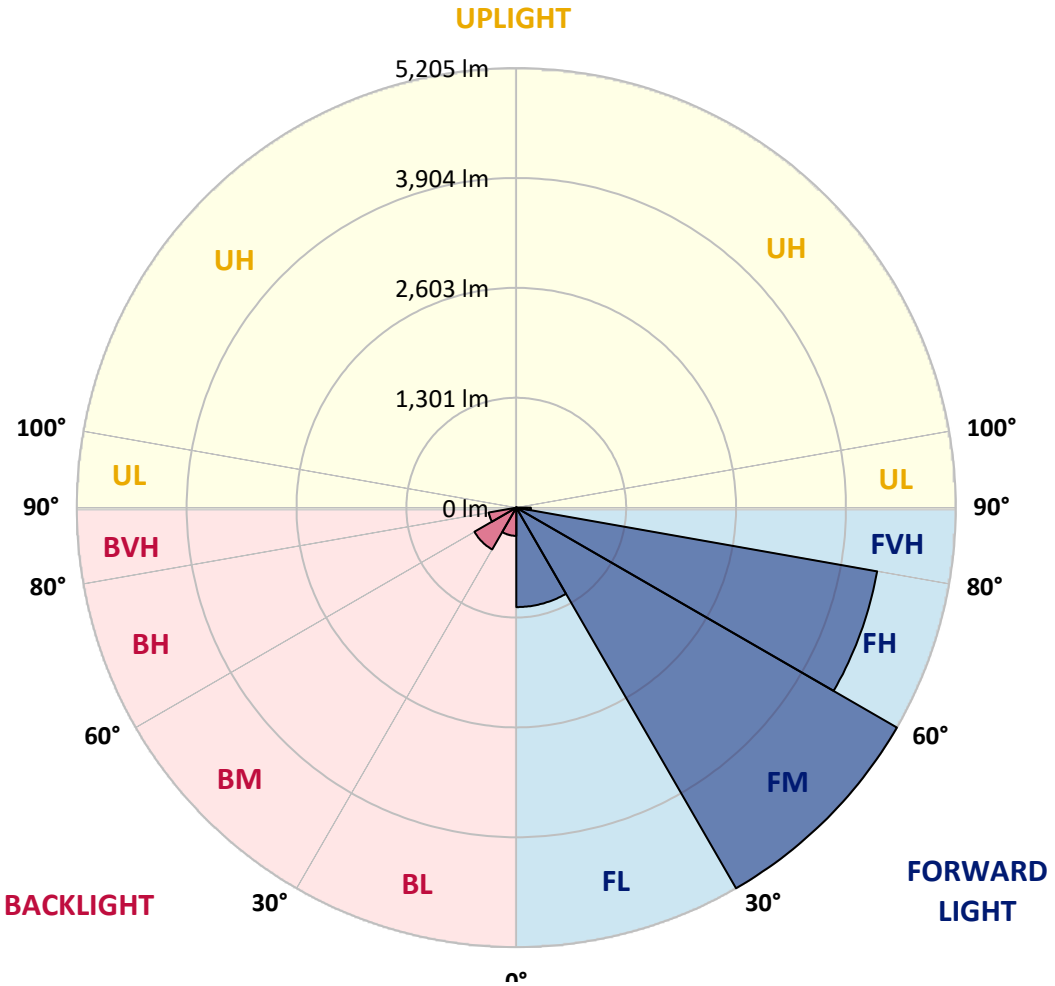
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1177.9	9.7			
FM	(30°-60°)	5205.3	42.9			
FH	(60°-80°)	4339.5	35.8			G2/5000
FVH	(80°-90°)	172.1	1.4			G2/225
BL	(0°-30°)	333.9	2.8	B1/500		
BM	(30°-60°)	571.9	4.7	B1/1000		
BH	(60°-80°)	331.6	2.7	B1/500		G1/500
BVH	(80°-90°)	4.8	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-G2
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	2097.4	2097.4	2097.4	2097.4	2097.4	2097.4	2097.4	2097.4	2097.4	*2097.4*	2097.4
2.5°	2438.3	2406.0	2412.3	2380.0	2365.1	2328.8	2291.1	2241.5	2186.3	*2186.3*	2132.8
5°	2694.9	2674.5	2674.5	2636.7	2607.6	2550.9	2483.2	2395.8	2291.8	*2281.6*	2180.0
7.5°	2852.4	2839.8	2847.7	2825.6	2802.0	2743.0	2662.7	2548.5	2401.3	*2388.7*	2235.9
10°	2883.1	2882.3	2904.4	2910.7	2926.4	2896.5	2824.8	2693.4	2509.1	*2491.0*	2284.0
12.5°	2764.2	2749.3	2803.6	2867.4	2957.1	2997.3	2960.3	2825.6	2607.6	*2582.4*	2328.8
15°	2569.0	2572.1	2624.1	2722.5	2872.1	3015.4	3063.4	2954.8	2707.5	*2677.6*	2371.4
17.5°	2457.2	2445.4	2490.2	2578.4	2743.8	2946.1	3111.4	3075.2	2813.8	*2780.0*	2414.7
20°	2443.8	2443.0	2453.2	2493.4	2619.4	2846.9	3105.9	3192.5	2939.0	*2899.6*	2476.9
22.5°	2536.7	2535.1	2526.5	2518.6	2553.2	2750.1	3082.3	3304.3	3088.6	*3046.1*	2565.0
25°	2679.2	2676.8	2663.5	2615.4	2581.6	2698.1	3060.3	3408.2	3265.7	*3218.5*	2672.1
27.5°	2853.2	2851.6	2827.2	2754.8	2667.4	2702.8	3049.2	3515.3	3470.4	*3424.0*	2795.7
30°	3066.6	3063.4	3013.0	2910.7	2796.5	2777.6	3064.2	3635.8	3683.8	*3648.4*	2938.2
32.5°	3334.2	3325.6	3259.4	3105.1	2945.3	2877.6	3092.5	3759.4	3936.5	*3903.5*	3128.7
35°	3541.3	3527.9	3489.3	3353.1	3117.7	3000.4	3158.7	3905.8	4240.4	*4211.3*	3372.0
37.5°	3719.2	3705.8	3674.4	3562.6	3364.9	3157.1	3265.0	4101.1	4599.4	*4585.3*	3668.8
40°	3911.3	3889.3	3874.3	3754.7	3575.9	3383.0	3416.9	4329.4	5012.8	*5014.3*	4025.5
42.5°	4059.3	4050.7	4052.3	3960.1	3779.8	3650.7	3618.5	4586.8	5508.0	*5522.9*	4454.6
45°	4186.1	4179.0	4208.1	4143.6	3985.3	3826.3	3854.6	4878.1	6049.6	*6080.4*	4934.8
47.5°	4283.7	4291.6	4333.3	4291.6	4198.7	3949.9	4064.1	5192.3	6618.9	*6622.8*	5430.8
50°	4381.3	4384.5	4453.8	4433.3	4395.5	4106.6	4257.0	5543.4	7218.8	*7225.9*	5894.5
52.5°	4412.1	4407.3	4517.6	4567.9	4569.5	4300.3	4506.5	5926.0	7806.9	*7829.7*	6371.7
55°	4254.6	4268.0	4445.9	4650.6	4731.7	4567.9	4843.5	6410.2	8433.6	*8443.1*	6844.0
57.5°	3484.6	3558.6	3952.3	4427.0	4836.4	4951.4	5327.7	6976.3	9157.1	*9148.5*	7322.7
60°	2114.7	2202.9	2673.7	3712.9	4494.7	5336.3	6041.0	7853.4	9947.6	*9923.2*	7806.9
62.5°	1182.5	1209.3	1359.7	2222.6	3418.5	5091.5	6737.8	8980.0	11008.9	*10926.2*	8283.2
65°	871.5	880.2	915.6	1088.8	1680.1	3916.1	6585.0	10327.1	12500.0	*12352.8*	8854.0
67.5°	757.4	766.0	800.7	824.3	750.3	2057.2	5425.3	11074.2	14393.5	*14200.6*	9626.4
70°	637.7	642.4	698.3	714.1	536.9	782.6	3485.4	10843.5	16146.0	*16008.3*	10455.4
72.5°	*475.5*	*494.4*	*575.5*	*613.3*	*430.7*	*415.7*	*1640.7*	*9480.7*	*16442.9*	*16444.4*	*10399.5*
75°	322.8	340.1	433.0	504.7	332.2	291.3	662.1	7079.4	14317.9	*14317.9*	9116.2
77.5°	220.4	234.6	301.5	396.0	251.9	200.0	343.3	4493.1	10272.0	*10633.3*	6497.6
80°	97.6	106.3	194.5	287.4	191.3	129.1	194.5	2460.3	6211.8	*6135.5*	2546.9
82.5°	48.0	55.1	124.4	179.5	123.6	79.5	102.3	1169.9	2013.1	*1913.1*	397.6
85°	9.4	12.6	66.9	76.4	57.5	35.4	38.6	359.8	242.5	*277.1*	84.2
87.5°	0.0	0.0	20.5	14.2	6.3	7.9	7.9	32.3	18.9	*22.0*	22.0
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2097.4	2097.4	2097.4	2097.4	2097.4	2097.4	2097.4	2097.4	2097.4	2097.4	2097.4
2.5°	2104.5	2075.3	2011.6	1948.6	1884.0	1825.0	1784.0	1743.1	1717.9	1706.9	1708.5
5°	2121.0	2062.0	1928.1	1788.0	1649.4	1514.0	1412.4	1317.2	1287.2	1237.6	1240.8
7.5°	2147.0	2050.9	1839.9	1603.7	1378.6	1180.2	1036.9	922.7	877.1	833.0	832.2
10°	2164.3	2030.5	1723.4	1407.7	1103.0	880.2	743.2	660.5	630.6	603.9	603.1
12.5°	2171.4	1992.7	1589.6	1188.0	858.2	670.8	588.9	550.3	540.1	530.6	530.6
15°	2177.7	1955.7	1440.0	976.3	677.9	561.3	529.1	516.5	509.4	503.1	503.1
17.5°	2183.2	1908.4	1269.1	793.6	572.4	517.3	501.5	488.1	482.6	475.5	475.5
20°	2202.1	1862.8	1116.4	655.0	514.9	485.8	468.4	454.3	449.6	444.8	445.6
22.5°	2237.5	1825.8	968.4	561.3	480.3	453.5	431.4	415.7	412.5	409.4	407.0
25°	2280.0	1780.1	829.0	500.7	446.4	416.5	392.1	378.7	375.5	376.3	374.8
27.5°	2334.4	1729.7	709.4	462.1	416.5	381.8	354.3	344.1	345.6	348.8	347.2
30°	2394.2	1683.3	615.7	435.4	389.7	351.1	323.6	316.5	322.0	326.7	325.2
32.5°	2483.2	1642.3	550.3	414.1	366.1	325.9	303.9	295.2	301.5	307.8	306.3
35°	2604.4	1621.8	513.3	396.0	345.6	306.3	284.2	277.9	284.2	285.8	285.0
37.5°	2753.2	1620.3	497.6	381.1	326.7	289.7	265.3	263.0	267.7	268.5	266.9
40°	2945.3	1630.5	485.8	370.0	307.0	270.8	248.0	245.6	247.2	252.7	251.9
42.5°	3188.6	1673.0	469.2	355.9	285.8	251.9	233.8	228.3	227.5	233.8	233.0
45°	3494.1	1766.7	447.2	333.0	266.9	236.2	218.1	211.8	209.4	211.0	213.4
47.5°	3827.1	1881.7	425.1	311.8	253.5	223.6	205.5	197.6	193.7	193.7	193.7
50°	4149.9	2011.6	410.2	289.7	244.1	211.8	192.1	184.2	177.9	176.4	175.6
52.5°	4469.5	2139.1	398.4	267.7	233.0	196.8	179.5	170.8	163.8	160.6	159.0
55°	4760.8	2260.4	377.9	246.4	218.9	181.1	166.9	158.2	149.6	144.1	141.7
57.5°	5040.3	2361.1	340.1	224.4	196.8	166.1	153.5	144.1	133.8	126.8	123.6
60°	5294.6	2413.1	292.9	200.8	174.8	150.4	138.6	129.9	116.5	104.7	101.6
62.5°	5488.3	2392.6	241.7	174.0	151.9	136.2	121.2	112.6	96.8	82.7	77.2
65°	5686.7	2280.8	192.9	145.7	133.1	117.3	101.6	92.9	74.8	59.8	55.9
67.5°	5944.1	2042.3	151.9	121.2	114.9	92.9	79.5	74.0	61.4	47.2	44.1
70°	6109.5	1586.4	118.1	98.4	94.5	67.7	61.4	60.6	48.8	36.2	32.3
72.5°	*5656.0*	*1040.0*	*90.5*	*74.8*	*67.7*	*44.1*	*47.2*	*47.2*	*35.4*	*24.4*	*21.3*
75°	4721.5	608.6	65.3	53.5	38.6	28.3	32.3	32.3	22.0	11.8	9.4
77.5°	3372.0	324.4	43.3	33.1	19.7	12.6	17.3	16.5	7.1	0.8	0.0
80°	1289.6	111.8	20.5	13.4	5.5	2.4	1.6	0.8	0.8	0.0	0.0
82.5°	196.8	29.1	3.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	35.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.9	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)