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: P1200688

Luminaire Tested: GPC-SB2D-735-U-T3R

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1200688
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-5)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2D-735-U-T3R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III ROADWAY OPTI
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20888 lumens
Efficiency:	N/A
Efficacy:	141.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - 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

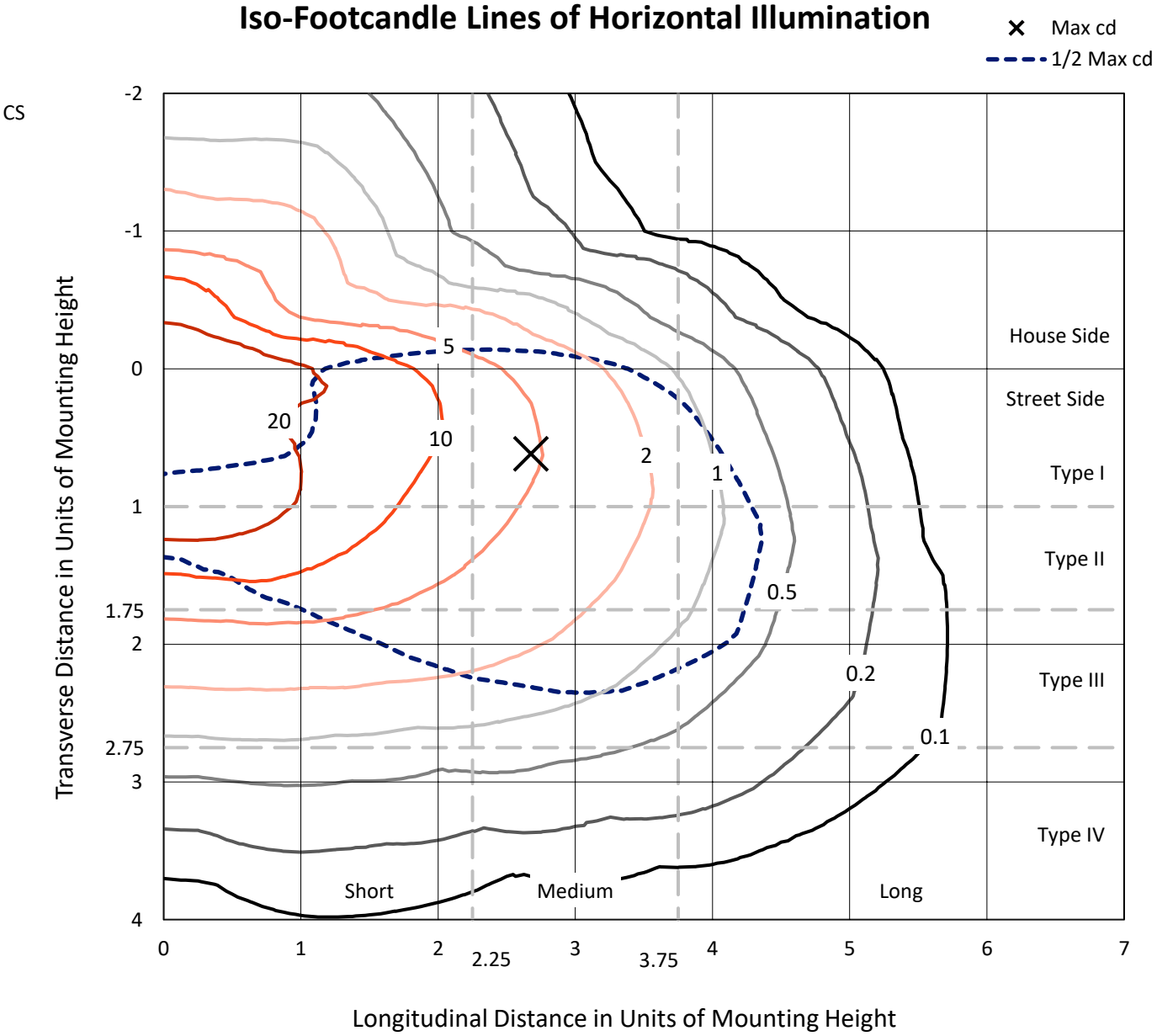


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Iso-Footcandle Lines of Horizontal Illumination



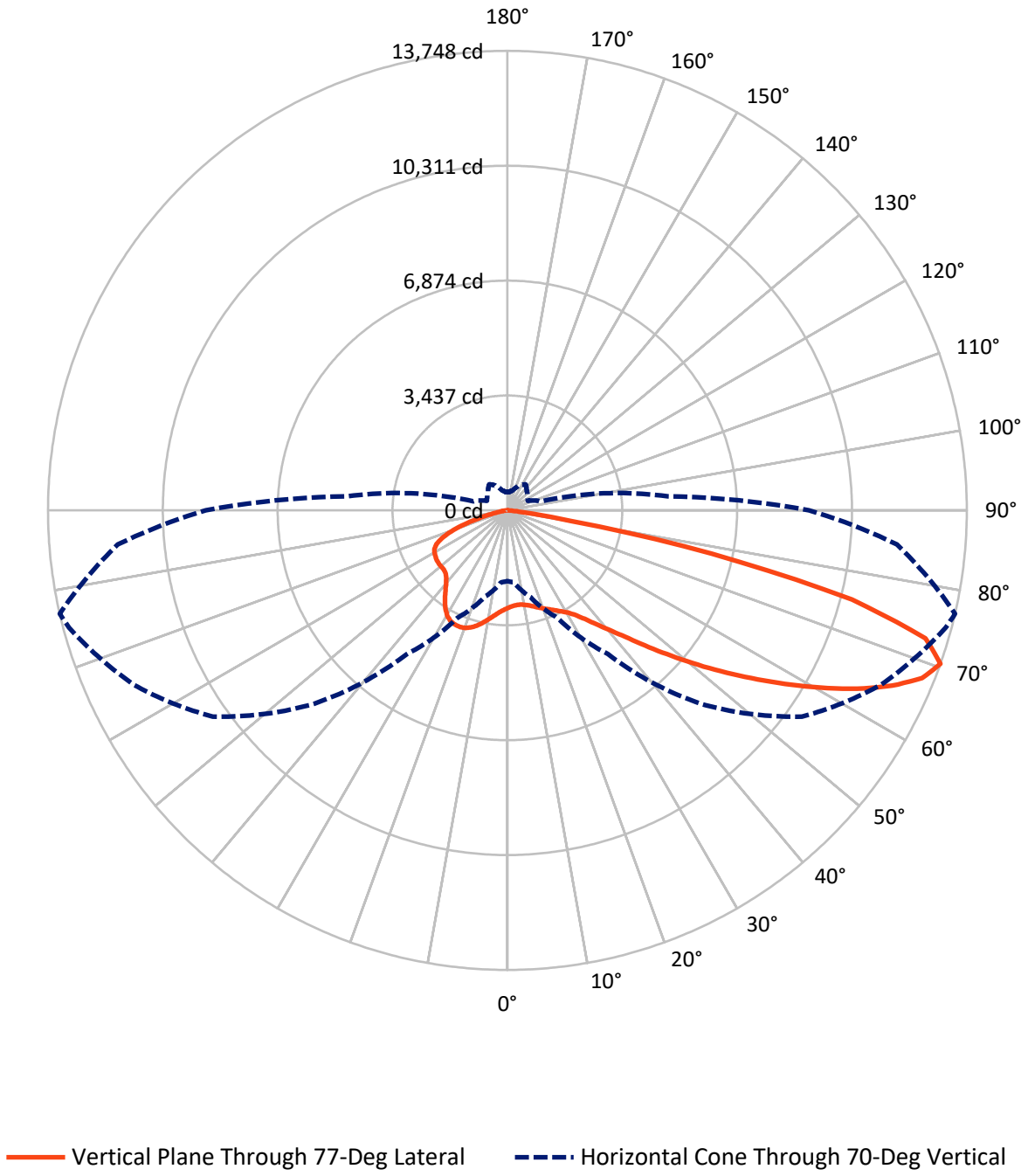
Based on 10 foot mounting height. Maximum calculated value = 34.6 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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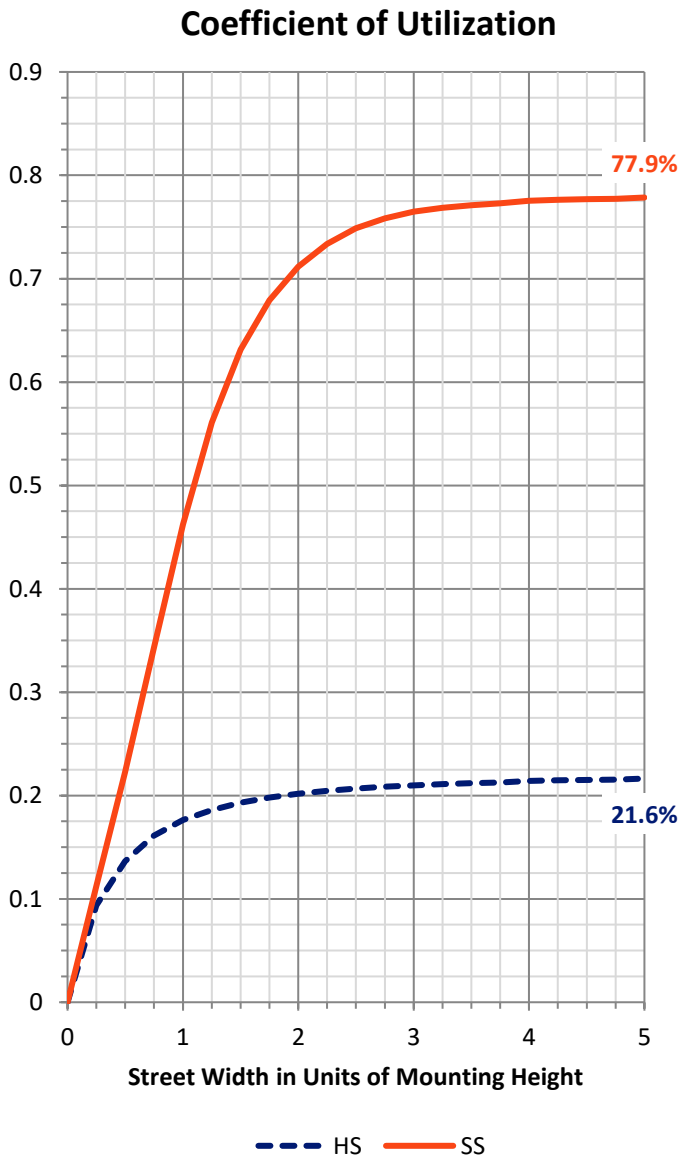
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4574.1	0.0	4574.1
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	16313.9	0.0	16313.9
	% Fixture	78.1	0.0	78.1
Total	Lumens	20888.0	0.0	20888.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	277.9	1.3
10°-20°	802.1	3.8
20°-30°	1371.7	6.6
30°-40°	2205.9	10.6
40°-50°	3444.0	16.5
50°-60°	4600.3	22.0
60°-70°	4903.2	23.5
70°-80°	3018.4	14.5
80°-90°	264.5	1.3
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°	20888.0	100.0
0°-180°	20888.0	100.0



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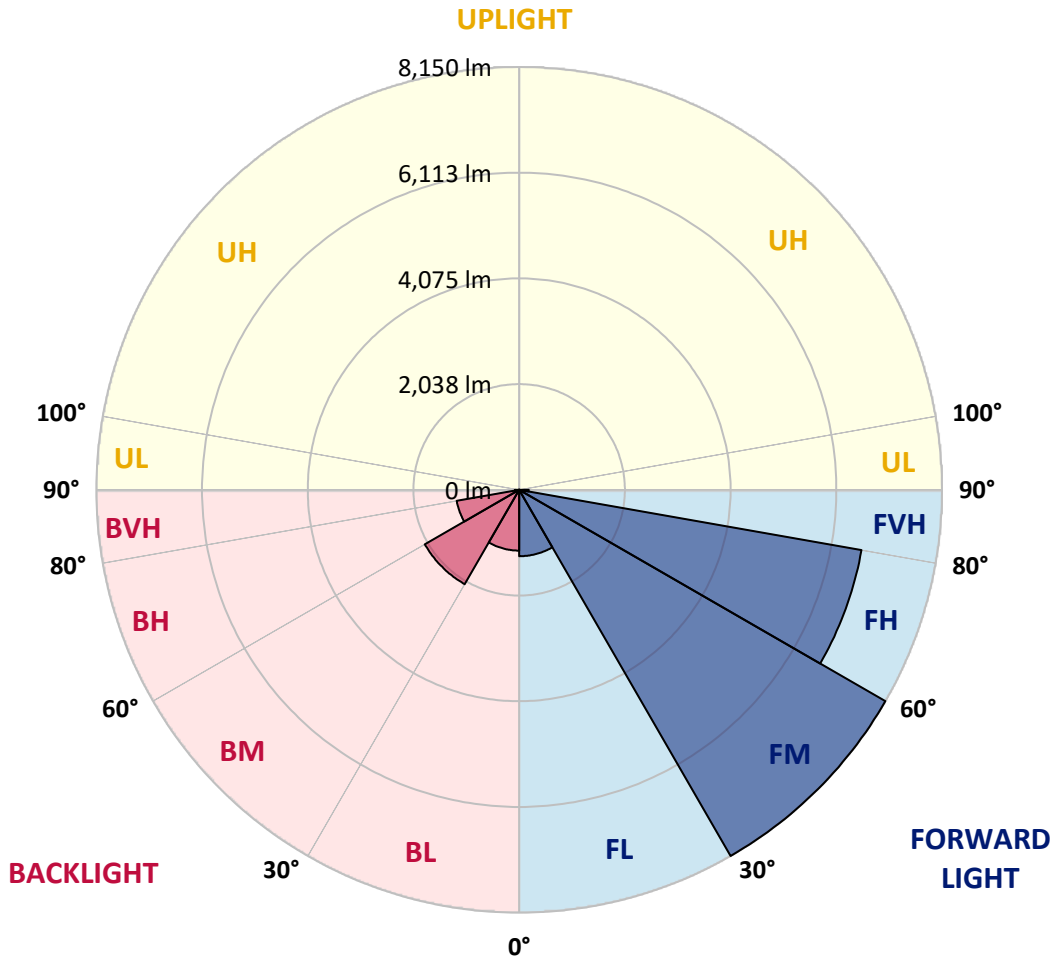
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1279.7	6.1			
FM	(30°-60°)	8150.0	39.0			
FH	(60°-80°)	6699.1	32.1			G3/7500
FVH	(80°-90°)	185.0	0.9			G2/225
BL	(0°-30°)	1172.0	5.6	B3/2500		
BM	(30°-60°)	2100.1	10.1	B2/2500		
BH	(60°-80°)	1222.5	5.9	B3/2500		G3/2500
BVH	(80°-90°)	79.5	0.4			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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	2914.1	2914.1	2914.1	2914.1	2914.1	2914.1	2914.1	2914.1	2914.1	*2914.1*	2914.1
2.5°	2686.2	2685.1	2699.0	2703.3	2729.0	2747.2	2781.4	2817.8	2864.9	*2870.2*	2899.1
5°	2531.1	2531.1	2547.1	2564.3	2597.4	2633.8	2686.2	2749.3	2830.6	*2843.5*	2915.1
7.5°	2399.5	2408.1	2422.0	2455.1	2493.6	2546.1	2626.3	2716.2	2823.1	*2843.5*	2959.0
10°	2293.6	2303.2	2320.3	2347.1	2404.9	2477.6	2582.4	2698.0	2841.3	*2873.4*	3023.2
12.5°	2260.4	2270.1	2279.7	2300.0	2353.5	2439.1	2564.3	2706.5	2885.2	*2917.3*	3110.9
15°	2337.5	2349.2	2341.7	2336.4	2364.2	2442.3	2572.8	2737.6	2939.7	*2985.7*	3219.0
17.5°	2515.0	2519.3	2502.2	2451.9	2447.6	2489.4	2613.5	2780.3	3008.2	*3058.5*	3328.1
20°	2801.7	2794.3	2758.9	2659.5	2602.8	2594.2	2683.0	2844.5	3078.8	*3132.3*	3445.7
22.5°	3191.1	3182.6	3112.0	2954.7	2828.5	2745.0	2783.6	2928.0	3158.0	*3217.9*	3560.2
25°	3676.8	3665.0	3561.3	3347.3	3151.6	2945.1	2920.5	3038.2	3255.3	*3311.0*	3680.0
27.5°	4243.8	4234.2	4121.8	3839.4	3557.0	3219.0	3090.6	3167.6	3357.0	*3420.1*	3814.8
30°	4853.6	4881.4	4682.4	4378.6	4021.3	3576.3	3319.5	3327.0	3488.5	*3545.2*	3978.5
32.5°	5570.3	5618.5	5378.8	4993.7	4505.9	3964.6	3608.4	3549.5	3680.0	*3727.1*	4185.0
35°	6280.6	6335.2	6136.2	5710.5	5148.8	4422.4	3910.0	3805.2	3934.6	*3986.0*	4458.8
37.5°	6894.7	6967.4	6864.7	6494.6	5836.7	4974.5	4303.7	4105.8	4248.1	*4312.3*	4826.8
40°	7379.3	7490.6	7483.1	7252.0	6647.6	5644.1	4803.3	4477.0	4637.5	*4707.0*	5272.9
42.5°	7773.0	7869.3	7952.7	7940.9	7493.8	6404.7	5390.6	4959.5	5081.4	*5161.7*	5774.6
45°	8044.7	8147.4	8327.1	8520.8	8307.9	7218.8	6063.5	5531.8	5643.1	*5763.9*	6372.6
47.5°	8287.5	8404.2	8637.4	8944.4	8998.9	8036.1	6800.6	6198.3	6299.9	*6425.1*	6972.8
50°	8308.9	8409.5	8771.1	9206.5	9490.0	8821.4	7592.2	6946.0	7041.3	*7175.0*	7615.7
52.5°	7792.2	7950.6	8581.7	9199.0	9715.7	9478.2	8378.5	7723.8	7830.8	*7991.2*	8281.1
55°	6048.5	6280.6	8026.5	8912.3	9635.5	9902.9	9126.2	8550.7	8687.6	*8855.6*	8950.8
57.5°	5209.8	5311.4	6371.6	8390.2	9269.6	10013.1	9757.4	9386.2	9606.6	*9790.6*	9659.0
60°	4682.4	4766.9	5393.8	7578.3	8788.2	9838.7	10245.2	10165.0	10545.8	*10765.1*	10383.2
62.5°	4117.6	4197.8	4768.0	6327.7	8172.0	9548.8	10553.3	10883.9	11508.6	*11748.3*	11065.8
65°	3557.0	3625.5	4172.1	5316.8	7388.9	9258.9	10712.7	11505.4	12399.8	*12647.9*	11632.7
67.5°	2932.3	2989.0	3505.7	4485.6	6436.8	8862.0	10791.9	11994.3	13175.3	*13388.2*	11913.0
70°	*2116.0*	*2159.9*	*2693.7*	*3547.4*	*5241.9*	*8179.5*	*10759.8*	*12340.9*	*13577.6*	*13747.7*	*11701.2*
72.5°	1000.2	1039.8	1666.7	2303.2	3702.5	6850.8	10110.4	12066.0	13168.9	*13084.4*	10404.6
75°	533.8	568.1	957.4	1263.4	1955.5	4696.3	8273.6	10393.9	11058.3	*10647.5*	7689.5
77.5°	361.6	388.3	592.7	758.5	893.3	2229.4	5317.9	7196.4	6923.6	*6245.3*	3851.2
80°	286.7	314.5	485.7	513.5	432.2	805.5	2197.3	3331.3	2393.1	*1913.8*	1095.4
82.5°	220.4	251.4	408.7	372.3	235.4	330.6	639.7	1053.7	613.0	*466.4*	265.3
85°	134.8	168.0	320.9	237.5	132.7	150.8	217.2	293.1	187.2	*156.2*	95.2
87.5°	68.5	96.3	162.6	86.7	59.9	35.3	57.8	57.8	49.2	*42.8*	24.6
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°	2914.1	2914.1	2914.1	2914.1	2914.1	2914.1	2914.1	2914.1	2914.1	2914.1	2914.1
2.5°	2924.8	2946.2	2982.5	3016.8	3043.5	3069.2	3094.9	3108.8	3113.0	3130.2	3139.8
5°	2959.0	2998.6	3069.2	3135.5	3177.2	3202.9	3221.1	3231.8	3233.9	3239.3	3247.8
7.5°	3022.1	3085.2	3183.6	3250.0	3281.0	3278.9	3271.4	3244.6	3233.9	3224.3	3226.4
10°	3110.9	3194.3	3315.2	3361.2	3342.0	3290.6	3224.3	3146.2	3109.8	3074.5	3063.8
12.5°	3221.1	3327.0	3445.7	3443.6	3348.4	3216.8	3062.8	2943.0	2867.0	2812.4	2799.6
15°	3354.8	3476.8	3567.7	3495.0	3286.3	3049.9	2824.2	2668.0	2599.6	2539.6	2533.2
17.5°	3492.8	3623.3	3665.0	3478.9	3130.2	2802.8	2547.1	2424.1	2356.7	2324.6	2334.2
20°	3627.6	3757.0	3722.8	3386.9	2892.7	2522.5	2294.7	2227.3	2213.4	2220.9	2217.6
22.5°	3769.9	3885.4	3734.6	3209.3	2589.9	2235.8	2110.7	2112.8	2143.8	2166.3	2171.6
25°	3915.4	3993.5	3703.6	2952.6	2264.7	2025.1	1994.1	2028.3	2089.3	2133.1	2144.9
27.5°	4055.5	4089.7	3636.2	2634.9	1985.5	1874.2	1879.6	1950.2	2042.2	2103.2	2118.2
30°	4213.8	4175.3	3506.7	2277.6	1791.9	1744.8	1789.7	1872.1	1964.1	2018.7	2031.5
32.5°	4392.5	4249.1	3301.3	1947.0	1654.9	1641.0	1714.8	1768.3	1809.0	1825.0	1833.6
35°	4615.0	4352.9	3038.2	1714.8	1531.9	1565.1	1635.7	1608.9	1592.9	1584.3	1592.9
37.5°	4903.8	4493.1	2730.1	1564.0	1432.4	1510.5	1539.4	1456.0	1392.8	1361.8	1369.3
40°	5251.5	4698.5	2433.7	1447.4	1369.3	1463.5	1413.2	1312.6	1232.4	1188.5	1191.7
42.5°	5637.7	4913.5	2184.5	1359.7	1334.0	1424.9	1320.1	1200.3	1070.8	1056.9	1070.8
45°	6043.2	5134.9	2014.4	1292.3	1316.9	1391.8	1266.6	1073.0	981.0	1037.7	1067.6
47.5°	6448.6	5338.2	1911.7	1242.0	1308.3	1354.3	1219.5	1002.4	937.1	1019.5	1058.0
50°	6900.0	5520.0	1865.7	1205.6	1298.7	1339.4	1148.9	984.2	891.1	945.7	986.3
52.5°	7348.3	5661.2	1831.5	1169.3	1284.8	1327.6	1114.7	962.8	835.5	838.7	861.2
55°	7795.4	5753.2	1794.0	1121.1	1253.8	1301.9	1111.5	939.3	793.8	778.8	789.5
57.5°	8272.6	5805.7	1748.0	1067.6	1200.3	1236.7	1108.3	921.1	780.9	756.3	759.5
60°	8758.2	5882.7	1688.1	1002.4	1128.6	1158.6	1100.8	914.7	773.4	731.7	734.9
62.5°	9193.6	5909.4	1616.4	940.3	1036.6	1081.5	1084.8	909.3	753.1	681.4	681.4
65°	9479.3	5793.9	1491.3	869.7	937.1	1002.4	1053.7	891.1	716.7	645.1	645.1
67.5°	9467.5	5464.4	1295.5	778.8	840.8	914.7	1008.8	860.1	672.9	600.1	603.4
70°	*9026.8*	*4814.0*	*1047.3*	*672.9*	*734.9*	*820.5*	*951.0*	*814.1*	*620.5*	*550.9*	*557.4*
72.5°	7742.0	3767.7	760.6	548.8	611.9	723.2	876.1	758.5	567.0	507.1	503.9
75°	5530.7	2384.5	515.6	421.5	476.0	613.0	783.1	693.2	517.8	509.2	480.3
77.5°	2825.3	1139.3	341.3	308.1	331.6	483.5	657.9	619.4	525.3	420.4	374.4
80°	918.9	420.4	215.0	209.7	220.4	322.0	509.2	508.1	398.0	285.6	252.5
82.5°	293.1	180.8	140.1	134.8	129.4	202.2	355.2	402.2	268.5	180.8	179.7
85°	116.6	108.0	82.4	76.0	54.6	95.2	186.1	267.4	200.0	130.5	133.7
87.5°	42.8	42.8	22.5	16.0	11.8	32.1	50.3	80.2	114.5	67.4	66.3
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)