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: P1199717

Luminaire Tested: GPC-SB2B-735-U-AFL-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1199717
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-15)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2B-735-U-AFL-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND AUTOMOTIVE FRONTLIN OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9599 lumens
Efficiency:	N/A
Efficacy:	129.9 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

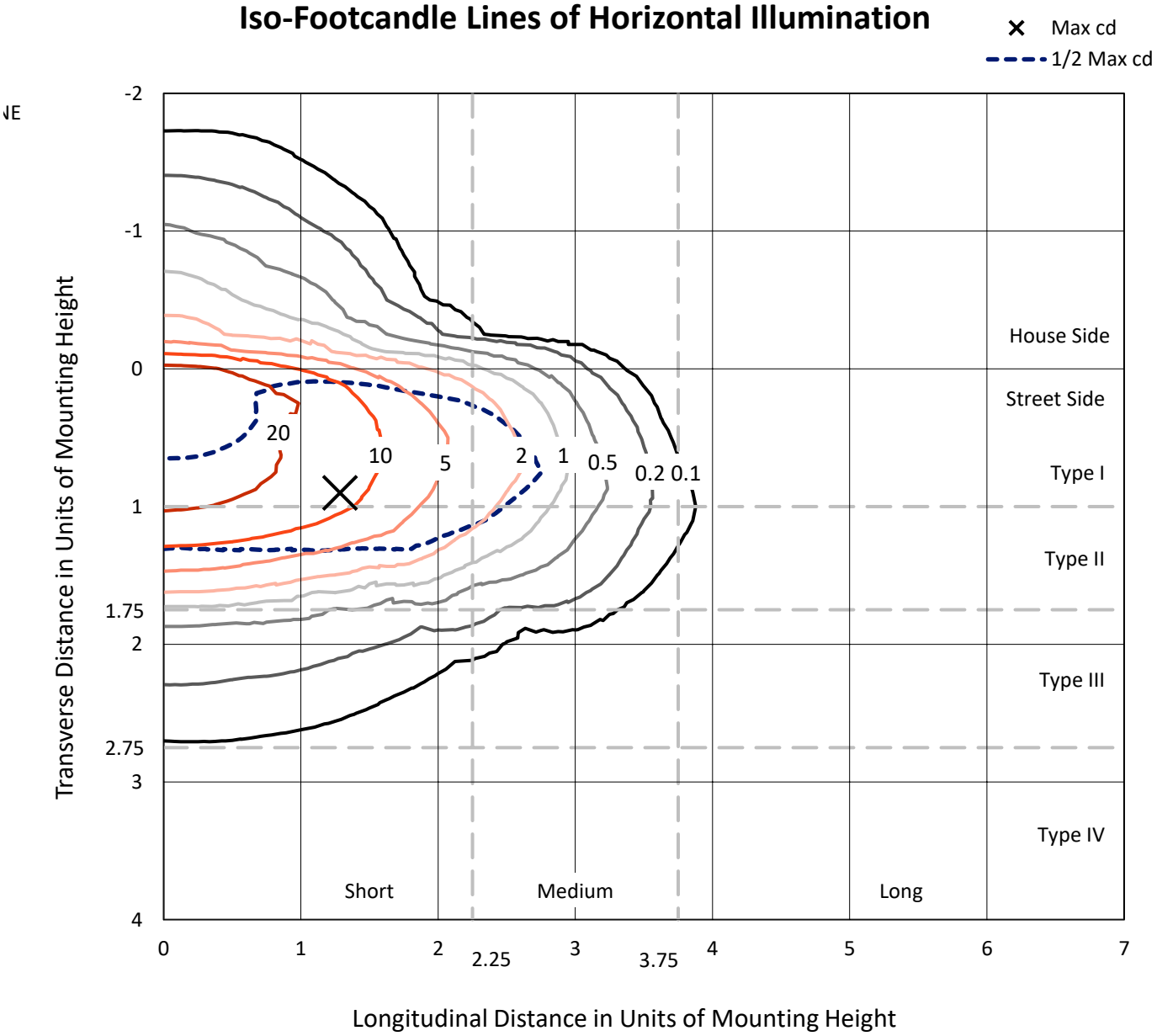


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Iso-Footcandle Lines of Horizontal Illumination



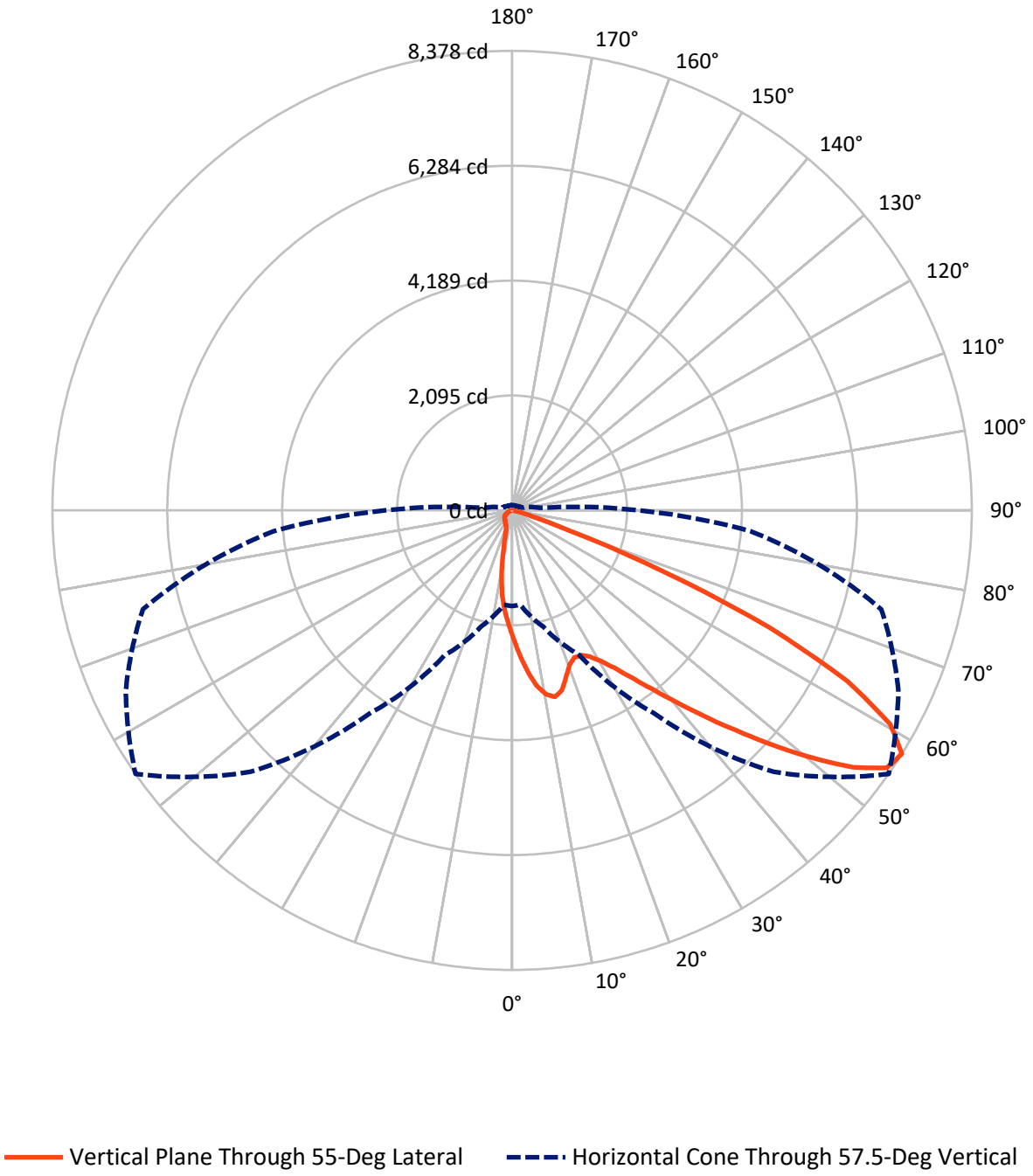
Based on 10 foot mounting height. Maximum calculated value = 33.1 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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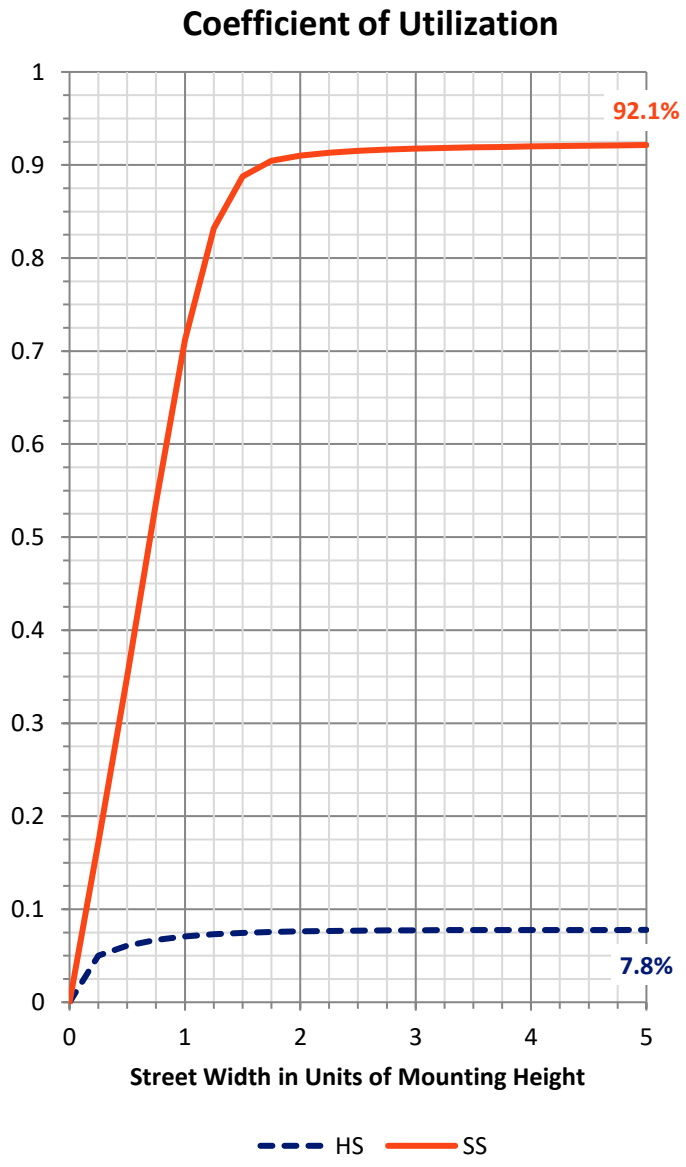
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	749.7	0.0	749.7
	% Fixture	7.8	0.0	7.8
Street Side	Lumens	8849.4	0.0	8849.4
	% Fixture	92.2	0.0	92.2
Total	Lumens	9599.0	0.0	9599.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	215.2	2.2
10°-20°	519.9	5.4
20°-30°	831.8	8.7
30°-40°	1407.9	14.7
40°-50°	2311.4	24.1
50°-60°	2540.4	26.5
60°-70°	1457.2	15.2
70°-80°	297.7	3.1
80°-90°	17.6	0.2
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°	9599.0	100.0
0°-180°	9599.0	100.0



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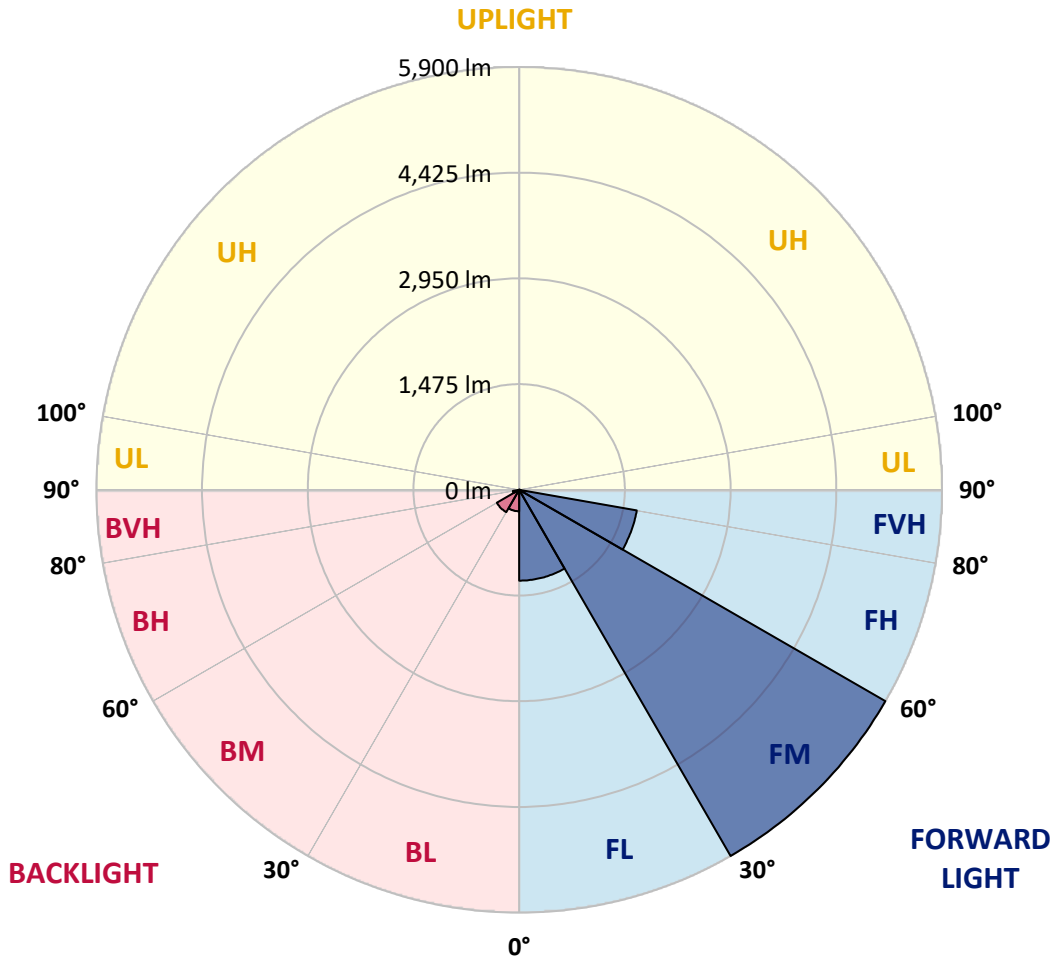
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1267.6	13.2			
FM	(30°-60°)	5899.6	61.5			
FH	(60°-80°)	1665.8	17.4			G1/1800
FVH	(80°-90°)	16.4	0.2			G1/100
BL	(0°-30°)	299.3	3.1	B1/500		
BM	(30°-60°)	360.0	3.8	B1/1000		
BH	(60°-80°)	89.2	0.9	B0/110		G0/110
BVH	(80°-90°)	1.2	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-G1
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2313.1	2313.1	2313.1	2313.1	2313.1	2313.1	*2313.1*	2313.1	2313.1	2313.1	2313.1
2.5°	2870.1	2834.0	2828.7	2821.6	2752.9	2701.4	*2626.8*	2545.1	2453.4	2359.9	2318.4
5°	3315.8	3287.4	3282.1	3248.9	3170.8	3083.2	*2950.6*	2783.1	2612.0	2410.8	2324.4
7.5°	3402.2	3396.9	3421.1	3420.0	3409.3	3340.1	*3228.2*	3028.7	2771.8	2473.5	2339.8
10°	3016.9	3030.5	3102.7	3166.0	3337.1	3436.5	*3412.3*	3247.7	2936.4	2545.1	2356.9
12.5°	2665.9	2649.9	2701.4	2773.0	2971.9	3267.8	*3488.6*	3430.6	3124.6	2626.2	2382.4
15°	2445.7	2439.2	2468.2	2501.3	2652.9	2951.2	*3399.8*	3579.2	3305.7	2722.1	2420.8
17.5°	2375.3	2369.9	2378.8	2387.1	2485.4	2716.2	*3188.5*	3670.3	3479.2	2831.6	2463.5
20°	2432.7	2425.6	2424.4	2417.9	2458.7	2616.2	*2997.4*	3676.8	3634.8	2931.1	2500.2
22.5°	2600.2	2591.9	2562.9	2536.9	2540.4	2629.8	*2912.1*	3611.7	3752.0	3024.0	2523.2
25°	2903.8	2890.2	2829.8	2742.2	2686.6	2724.5	*2925.1*	3525.9	3863.9	3096.8	2512.0
27.5°	3283.8	3266.1	3188.5	3058.3	2931.1	2884.9	*3019.3*	3466.7	3956.8	3152.4	2487.7
30°	3656.1	3633.0	3556.7	3455.5	3269.6	3124.0	*3189.1*	3492.8	4067.5	3210.4	2455.8
32.5°	4058.0	4036.1	3934.9	3809.4	3655.5	3459.6	*3421.7*	3620.0	4203.0	3291.5	2433.3
35°	4566.5	4532.1	4388.3	4217.2	4053.9	3855.6	*3736.6*	3839.6	4383.6	3415.2	2445.7
37.5°	5145.3	5099.2	4944.1	4707.9	4494.8	4272.9	*4120.2*	4141.5	4648.1	3581.0	2484.2
40°	5691.1	5649.0	5505.8	5283.2	5015.7	4746.4	*4583.6*	4536.3	5013.3	3782.8	2551.7
42.5°	6018.4	5980.5	5920.1	5826.0	5600.5	5325.9	*5120.5*	5018.1	5445.4	4024.3	2633.9
45°	6036.7	6003.6	6084.7	6194.2	6149.8	5966.9	*5716.5*	5528.9	5879.3	4251.0	2719.2
47.5°	5743.1	5720.7	5966.9	6349.2	6539.8	6616.8	*6385.9*	5997.1	6237.4	4413.8	2754.1
50°	4942.9	4934.6	5441.3	6143.3	6688.4	7186.2	*7092.1*	6432.7	6515.0	4497.8	2720.9
52.5°	4285.9	4255.7	4551.1	5483.9	6472.4	7485.7	*7782.2*	6860.1	6709.1	4513.8	2643.4
55°	3250.7	3224.0	3594.6	4380.6	5775.7	7379.1	*8287.1*	7301.0	6848.2	4472.9	2504.3
57.5°	*1743.7*	*1727.1*	*2195.3*	*2915.7*	*4515.0*	*6739.9*	*8378.3*	*7767.4*	*6965.4*	*4364.6*	*2309.6*
60°	678.9	675.9	851.1	1414.6	2744.0	5483.3	*7918.4*	8047.4	7038.8	4231.5	2146.8
62.5°	410.8	419.7	448.1	635.1	1212.2	3406.4	*6858.3*	7729.0	7087.9	4109.5	2012.4
65°	339.7	340.3	343.9	436.2	580.6	1425.3	*5163.1*	6681.3	6966.6	3892.3	1821.9
67.5°	291.2	296.5	310.2	346.3	409.6	625.0	*2972.5*	5175.5	6228.5	3386.8	1524.7
70°	229.7	236.8	253.9	284.7	316.1	391.2	*1098.6*	3443.6	4758.2	2552.8	1153.0
72.5°	193.5	193.0	201.8	231.4	251.0	275.2	*422.6*	1929.6	2765.3	1218.7	570.6
75°	149.7	155.7	166.9	193.5	205.4	199.5	*229.1*	704.9	990.8	369.3	194.1
77.5°	117.2	121.9	132.0	158.0	169.9	141.5	*132.0*	252.1	318.4	132.6	87.6
80°	52.7	56.8	90.0	116.6	138.5	97.7	*71.6*	129.0	141.5	60.4	44.4
82.5°	9.5	16.0	52.7	61.6	71.0	63.3	*37.3*	66.9	69.3	24.3	15.4
85°	0.6	1.2	18.3	22.5	28.4	20.7	*11.2*	26.6	23.1	8.3	5.9
87.5°	0.0	0.0	0.0	0.6	0.6	3.0	*3.6*	4.7	3.6	3.0	2.4
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2313.1	2313.1	2313.1	2313.1	2313.1	2313.1	2313.1	2313.1	2313.1	2313.1
2.5°	2275.8	2191.8	2110.1	2043.2	2004.2	1937.9	1894.1	1887.0	1868.6	1884.6
5°	2232.0	2081.7	1929.6	1793.4	1681.6	1537.1	1429.4	1383.8	1344.2	1357.8
7.5°	2211.3	1974.0	1737.2	1504.6	1265.5	1034.6	863.0	791.4	736.9	744.6
10°	2183.5	1862.1	1491.0	1135.8	815.6	587.8	469.4	425.6	401.3	401.9
12.5°	2162.2	1728.3	1205.1	770.1	496.6	375.3	338.6	327.9	320.8	321.4
15°	2151.5	1570.9	922.8	513.2	355.1	317.8	309.0	304.2	299.5	298.9
17.5°	2133.8	1395.7	675.4	374.7	310.7	297.7	290.0	284.7	278.8	277.6
20°	2107.1	1196.8	493.6	316.7	291.2	281.1	270.5	263.4	256.3	255.1
22.5°	2058.0	986.7	379.4	293.0	277.0	265.8	252.7	244.5	237.3	236.2
25°	1966.9	789.6	319.6	278.2	264.6	251.0	236.8	225.5	219.0	217.8
27.5°	1851.4	620.3	290.0	264.6	248.6	236.2	220.2	209.5	203.6	202.4
30°	1715.3	477.7	272.9	249.2	229.7	219.0	204.8	195.9	192.4	192.4
32.5°	1568.5	381.8	265.8	233.8	213.1	201.2	190.0	186.4	185.3	184.7
35°	1430.6	331.5	262.2	221.4	198.3	187.0	182.3	182.9	185.3	185.3
37.5°	1308.1	315.5	260.4	212.5	185.3	175.2	178.2	183.5	181.1	181.1
40°	1197.4	317.3	259.2	206.0	174.6	168.7	174.6	170.5	164.5	164.0
42.5°	1112.8	332.1	256.9	200.7	168.1	164.0	161.6	155.1	154.5	155.7
45°	1051.2	345.1	256.3	198.3	161.0	153.3	150.3	143.8	155.7	158.6
47.5°	978.4	345.1	256.3	190.0	149.2	146.2	141.5	134.4	146.2	149.2
50°	884.3	323.2	246.2	180.5	139.7	137.9	129.6	120.7	118.4	120.2
52.5°	765.3	283.5	220.8	167.5	130.2	126.7	116.6	110.1	108.3	108.3
55°	629.8	237.3	186.4	148.6	120.2	113.6	106.5	103.6	101.8	100.6
57.5°	*512.0*	*194.7*	*149.7*	*132.0*	*110.7*	*102.4*	*100.0*	*96.5*	*93.5*	*91.7*
60°	420.2	153.3	123.7	117.2	101.2	93.5	92.9	88.2	80.5	79.3
62.5°	324.4	112.5	104.2	101.8	91.7	85.2	84.0	74.6	62.7	60.4
65°	229.1	87.6	84.0	89.4	81.7	75.8	72.8	58.6	46.2	44.4
67.5°	161.0	73.4	66.3	78.1	71.0	63.3	61.6	49.7	38.5	37.3
70°	114.8	59.8	54.5	66.9	56.8	55.6	52.1	41.4	31.4	30.2
72.5°	81.1	45.6	42.0	58.0	39.1	47.9	42.6	32.0	23.7	22.5
75°	59.8	32.6	29.6	33.7	28.4	36.1	30.2	21.3	14.8	14.2
77.5°	43.8	20.7	17.8	16.6	16.6	22.5	16.6	8.9	6.5	5.9
80°	30.8	9.5	8.3	7.1	6.5	5.3	2.4	1.2	0.6	0.6
82.5°	18.3	4.1	4.1	3.0	1.8	0.0	0.0	0.0	0.0	0.0
85°	4.1	1.8	1.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.6	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

(END OF REPORT)