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: P1198779

Luminaire Tested: GPC-SB1D-735-U-T2R-HSS

Issue Date: 10/30/2025

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198779
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-4)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1D-735-U-T2R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE II ROADWAY OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8662 lumens
Efficiency:	N/A
Efficacy:	108.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

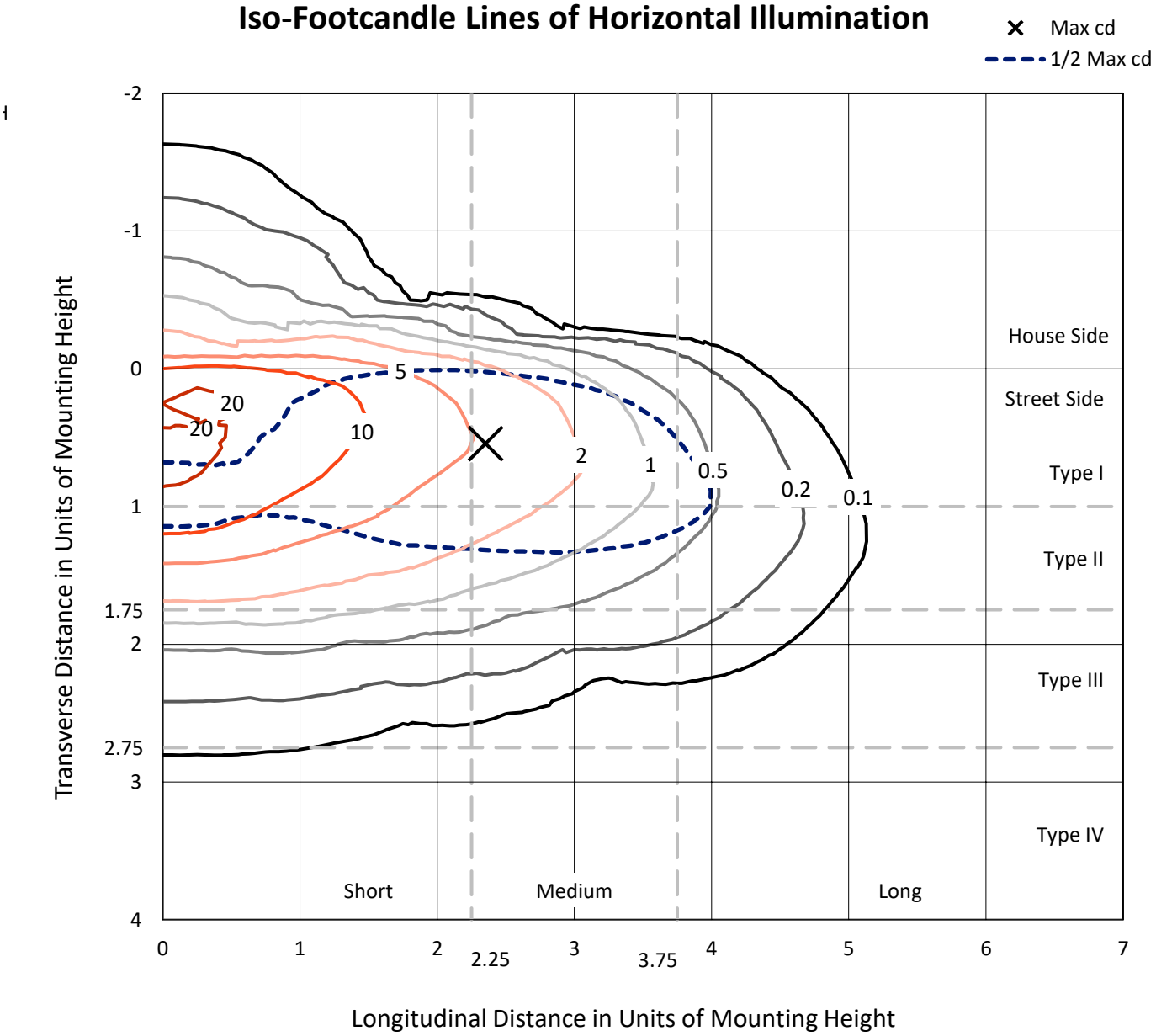


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Iso-Footcandle Lines of Horizontal Illumination



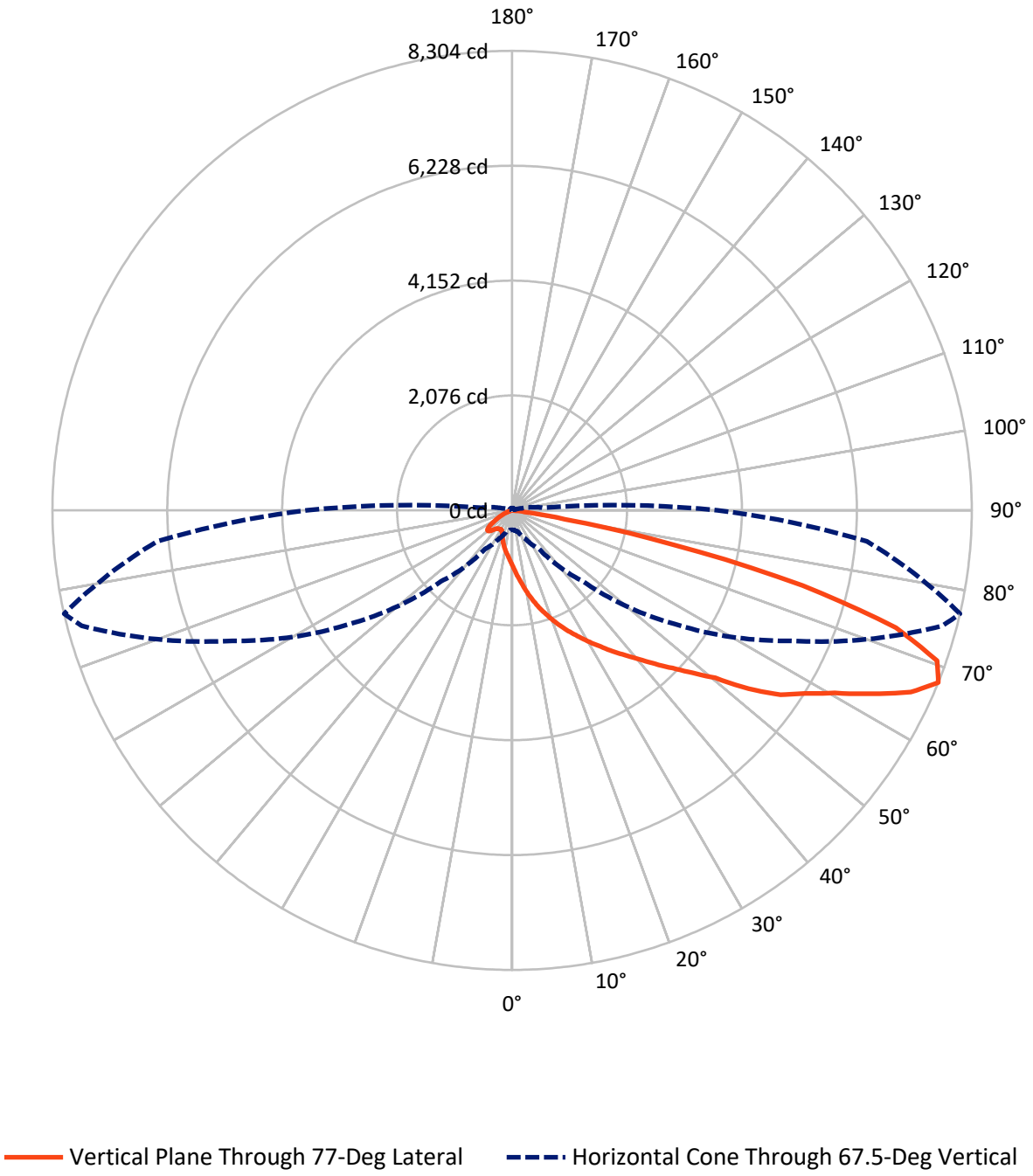
Based on 10 foot mounting height. Maximum calculated value = 23.4 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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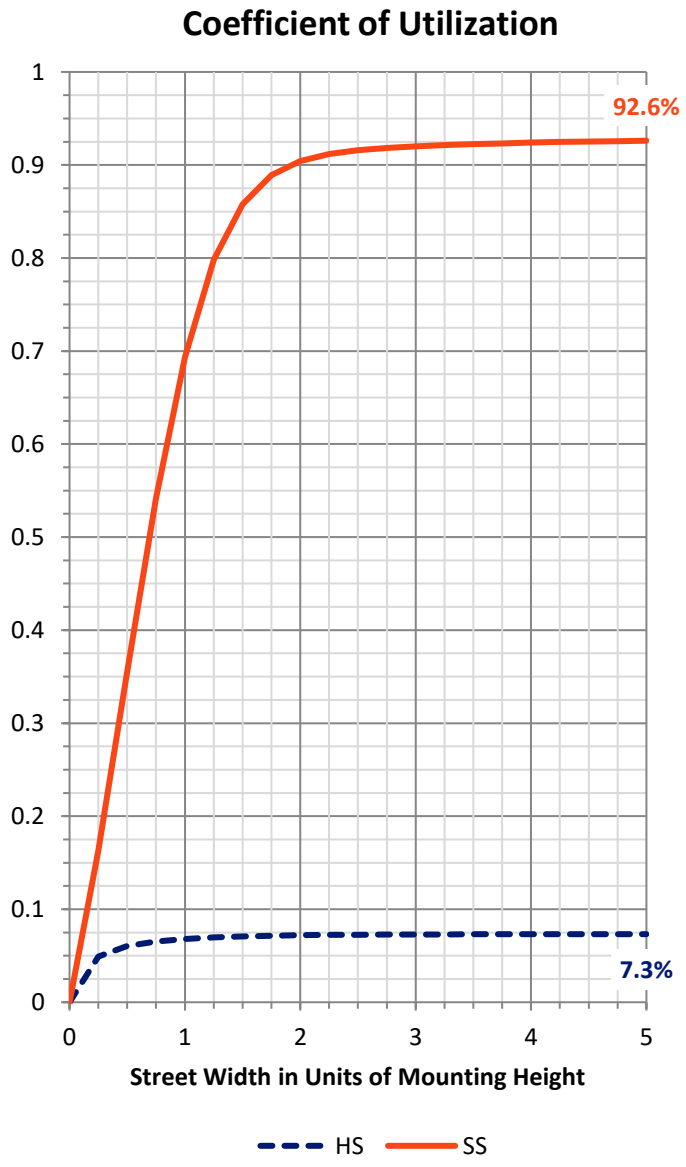
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	637.3	0.0	637.3
	% Fixture	7.4	0.0	7.4
Street Side	Lumens	8024.7	0.0	8024.7
	% Fixture	92.6	0.0	92.6
Total	Lumens	8662.0	0.0	8662.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.9	1.2
10°-20°	357.0	4.1
20°-30°	688.9	8.0
30°-40°	1196.0	13.8
40°-50°	1736.6	20.0
50°-60°	1994.3	23.0
60°-70°	1731.4	20.0
70°-80°	815.5	9.4
80°-90°	40.3	0.5
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°	8662.0	100.0
0°-180°	8662.0	100.0



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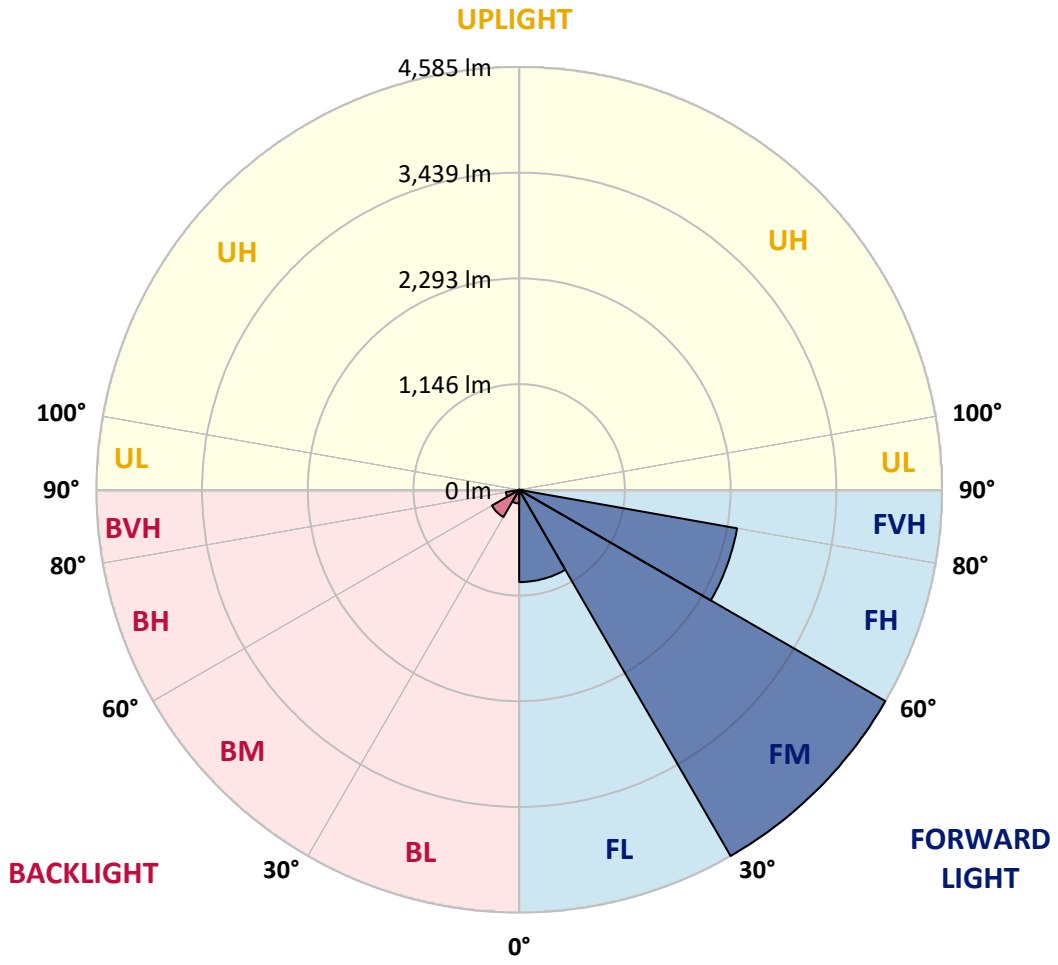
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1000.4	11.5			
FM	(30°-60°)	4585.4	52.9			
FH	(60°-80°)	2399.3	27.7			G2/5000
FVH	(80°-90°)	39.6	0.5			G1/100
BL	(0°-30°)	147.5	1.7	B1/500		
BM	(30°-60°)	341.5	3.9	B1/1000		
BH	(60°-80°)	147.5	1.7	B1/500		G1/500
BVH	(80°-90°)	0.7	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-G2
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	998.9	998.9	998.9	998.9	998.9	998.9	998.9	998.9	998.9	*998.9*	998.9
2.5°	1382.9	1391.5	1379.1	1355.5	1320.0	1296.8	1240.4	1187.1	1127.9	*1109.1*	1050.0
5°	1685.7	1693.3	1679.3	1653.5	1606.1	1560.9	1486.7	1375.4	1259.7	*1222.6*	1117.7
7.5°	1910.0	1914.3	1909.0	1885.3	1840.1	1789.0	1706.2	1574.4	1402.8	*1361.9*	1201.1
10°	2071.4	2085.4	2083.8	2074.6	2044.5	2003.1	1914.9	1764.8	1563.1	*1510.4*	1295.2
12.5°	2178.4	2194.0	2203.2	2223.6	2222.0	2195.7	2118.2	1959.5	1722.9	*1661.0*	1401.2
15°	2209.6	2226.3	2261.3	2308.6	2350.6	2364.0	2309.7	2150.5	1898.7	*1819.7*	1509.8
17.5°	2191.9	2217.7	2259.7	2334.4	2426.4	2487.2	2481.3	2335.0	2058.5	*1968.1*	1616.4
20°	2231.2	2255.9	2288.7	2351.6	2458.7	2568.9	2613.1	2511.4	2217.2	*2122.5*	1728.2
22.5°	2448.5	2444.2	2447.4	2457.6	2521.6	2630.8	2721.7	2671.7	2374.2	*2277.4*	1846.6
25°	2792.7	2773.3	2740.5	2685.1	2669.0	2721.7	2816.4	2813.7	2539.9	*2436.1*	1967.6
27.5°	3187.5	3184.3	3107.4	2974.0	2898.7	2878.2	2923.4	2951.9	2704.0	*2593.2*	2089.2
30°	3565.7	3574.3	3470.4	3322.0	3183.8	3103.6	3062.7	3083.2	2870.7	*2762.6*	2214.5
32.5°	3894.8	3904.0	3791.0	3617.3	3446.2	3349.4	3263.4	3212.8	3052.5	*2934.7*	2352.2
35°	4172.9	4182.1	4052.4	3860.4	3678.1	3590.4	3493.0	3354.8	3235.4	*3125.7*	2505.5
37.5°	4421.4	4418.7	4245.0	4051.4	3872.2	3802.9	3751.8	3529.6	3423.6	*3317.7*	2675.4
40°	4568.3	4579.6	4431.1	4217.6	4043.8	3993.3	3990.0	3746.4	3641.0	*3538.2*	2861.6
42.5°	4611.3	4631.2	4523.6	4348.3	4190.7	4135.8	4220.3	3980.9	3893.8	*3793.7*	3071.9
45°	4533.8	4553.2	4504.3	4382.7	4290.7	4255.2	4418.2	4224.0	4163.8	*4064.8*	3309.1
47.5°	4307.9	4332.1	4344.0	4318.2	4317.1	4353.1	4595.7	4480.1	4484.4	*4383.2*	3583.9
50°	3870.6	3911.5	4020.2	4111.6	4253.1	4430.6	4768.4	4757.6	4845.8	*4758.7*	3942.2
52.5°	3075.6	3133.7	3508.1	3758.2	4076.1	4416.1	4958.2	5203.0	5480.0	*5352.5*	4447.2
55°	2471.6	2471.6	2776.0	3244.0	3730.8	4320.3	5041.1	5492.4	5911.9	*5881.8*	4802.8
57.5°	2014.9	2039.1	2233.3	2646.9	3231.1	4092.2	5092.2	5674.2	6259.9	*6237.9*	5150.3
60°	1243.6	1295.8	1662.6	2070.9	2662.5	3686.1	5059.9	5858.1	6682.2	*6699.9*	5568.7
62.5°	700.3	719.7	883.2	1489.9	2070.3	3140.2	4813.0	5960.9	7222.2	*7297.5*	6000.1
65°	483.6	493.2	556.2	927.3	1435.1	2500.1	4330.5	5896.9	7763.3	*7915.5*	6365.9
67.5°	*351.2*	*356.1*	*395.3*	*566.4*	*851.5*	*1812.7*	*3574.3*	*5574.1*	*8050.0*	*8304.4*	*6435.8*
70°	270.0	273.2	301.8	372.2	502.9	1118.8	2595.8	4932.4	7842.4	*8146.3*	6077.6
72.5°	219.5	222.7	244.7	275.4	333.5	661.6	1573.3	4005.6	6925.8	*7253.9*	5173.9
75°	185.0	189.3	209.2	229.1	261.4	424.9	738.0	2789.5	5208.4	*5423.5*	3597.9
77.5°	102.7	94.7	170.0	189.9	220.5	268.9	345.3	1641.6	2917.0	*2976.7*	1596.4
80°	64.0	66.2	135.0	152.8	169.4	135.5	158.1	632.0	1011.2	*960.7*	309.3
82.5°	3.8	8.6	103.8	110.3	116.2	58.1	59.7	214.6	243.7	*223.8*	54.9
85°	0.0	0.0	47.3	38.2	40.3	16.7	17.2	50.0	32.8	*35.5*	10.8
87.5°	0.0	0.0	0.0	1.1	0.0	1.6	3.2	4.3	1.6	*2.2*	3.8
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°	998.9	998.9	998.9	998.9	998.9	998.9	998.9	998.9	998.9	998.9	998.9
2.5°	1012.3	974.7	898.3	823.5	762.7	706.2	665.9	627.7	608.4	607.3	606.2
5°	1043.0	963.9	811.1	676.1	567.5	480.3	423.9	383.5	363.1	356.1	355.0
7.5°	1086.0	967.1	734.8	547.0	419.0	344.2	312.0	299.1	294.8	289.9	288.8
10°	1140.3	974.7	666.4	440.5	330.3	292.6	279.7	274.3	271.1	267.9	266.8
12.5°	1201.1	981.6	598.7	365.8	290.5	271.1	262.0	255.5	251.2	247.4	246.4
15°	1260.3	985.9	528.2	313.6	270.0	254.4	244.7	237.7	231.8	227.5	227.0
17.5°	1318.9	991.9	462.0	282.4	253.3	237.7	228.1	219.5	214.6	209.8	209.2
20°	1384.0	990.8	399.6	260.3	236.7	221.1	210.9	202.8	197.9	192.6	192.0
22.5°	1444.2	985.4	344.8	241.5	219.5	204.4	193.1	185.0	180.2	175.9	175.4
25°	1513.6	981.1	299.1	224.3	203.3	188.3	175.9	168.4	163.0	159.2	158.7
27.5°	1580.3	974.7	265.7	208.7	187.7	173.2	161.4	152.8	147.9	145.2	145.2
30°	1645.9	973.0	253.3	193.6	173.7	159.2	147.4	139.3	135.5	134.5	133.9
32.5°	1725.0	977.3	258.7	188.3	160.8	146.3	135.0	129.1	125.3	125.3	125.3
35°	1809.5	976.3	266.8	193.1	152.2	133.4	124.8	121.0	117.3	117.3	117.3
37.5°	1915.4	977.9	273.2	201.2	149.0	122.6	117.8	113.0	110.8	110.8	110.8
40°	2073.6	1031.1	270.0	208.2	147.9	115.1	105.4	103.8	102.2	102.2	102.2
42.5°	2267.2	1146.8	274.3	208.7	147.4	109.7	96.8	100.0	96.3	95.7	95.2
45°	2479.1	1273.2	301.8	197.4	146.8	107.0	92.5	96.3	90.4	90.4	90.4
47.5°	2689.4	1398.5	329.7	181.3	145.2	106.5	88.8	86.6	85.0	85.5	85.5
50°	2979.4	1500.7	340.5	159.2	141.5	105.4	81.8	82.3	81.2	82.3	82.3
52.5°	3295.1	1522.2	327.6	134.5	130.7	102.2	76.9	79.1	78.5	79.6	79.6
55°	3492.0	1499.1	270.6	111.9	114.0	89.3	72.1	76.4	76.4	76.4	76.4
57.5°	3695.3	1400.7	192.0	90.9	94.7	73.2	67.8	73.7	73.2	72.6	72.6
60°	3841.6	1241.4	126.4	74.8	75.3	60.2	62.9	69.4	68.8	66.2	66.2
62.5°	3950.8	1065.6	81.2	63.5	57.6	54.3	57.6	62.9	60.8	54.9	53.8
65°	3938.4	821.9	62.4	54.3	47.3	47.3	50.0	54.9	48.4	38.7	37.7
67.5°	*3708.7*	*556.2*	*51.6*	*45.7*	*39.8*	*39.3*	*41.4*	*45.7*	*41.4*	*32.8*	*31.7*
70°	3298.3	363.6	41.4	35.5	31.7	29.0	33.3	39.3	35.0	26.4	25.3
72.5°	2677.1	221.6	31.2	25.8	23.1	18.8	26.4	32.3	28.0	19.4	18.3
75°	1732.0	113.0	21.5	16.7	12.4	11.3	19.4	24.2	19.4	11.8	10.2
77.5°	662.7	47.3	11.8	7.5	6.5	5.4	10.8	14.5	8.1	2.7	2.2
80°	127.5	19.9	5.9	3.8	3.2	2.2	1.6	1.1	0.0	0.0	0.0
82.5°	22.1	6.5	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	7.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	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

(END OF REPORT)