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: P1199731

Luminaire Tested: GPC-SB2B-735-U-T2R-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1199731
	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-SB2B-735-U-T2R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II ROADWAY OPTIC WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9533 lumens
Efficiency:	N/A
Efficacy:	129.0 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):	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

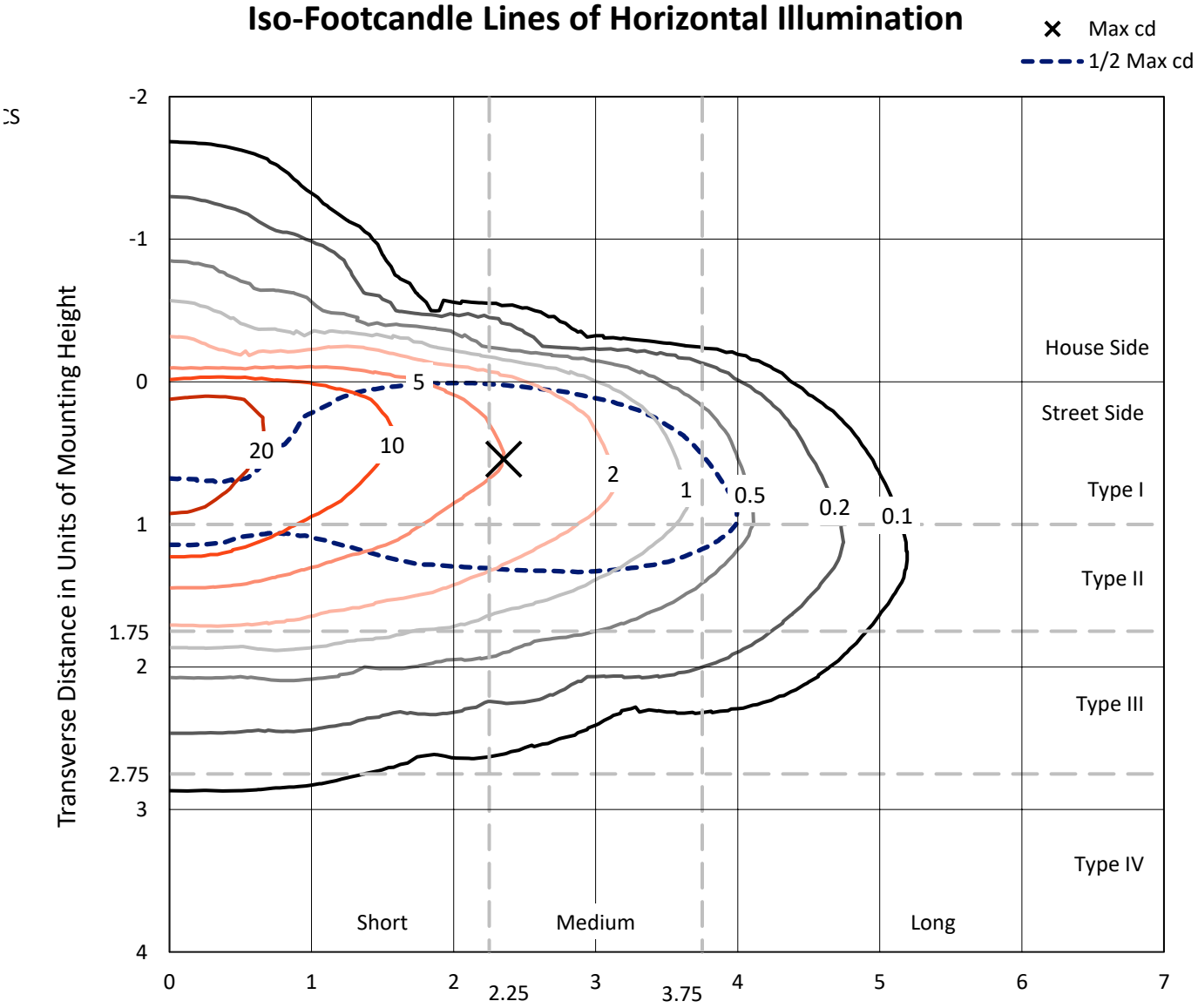


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Iso-Footcandle Lines of Horizontal Illumination



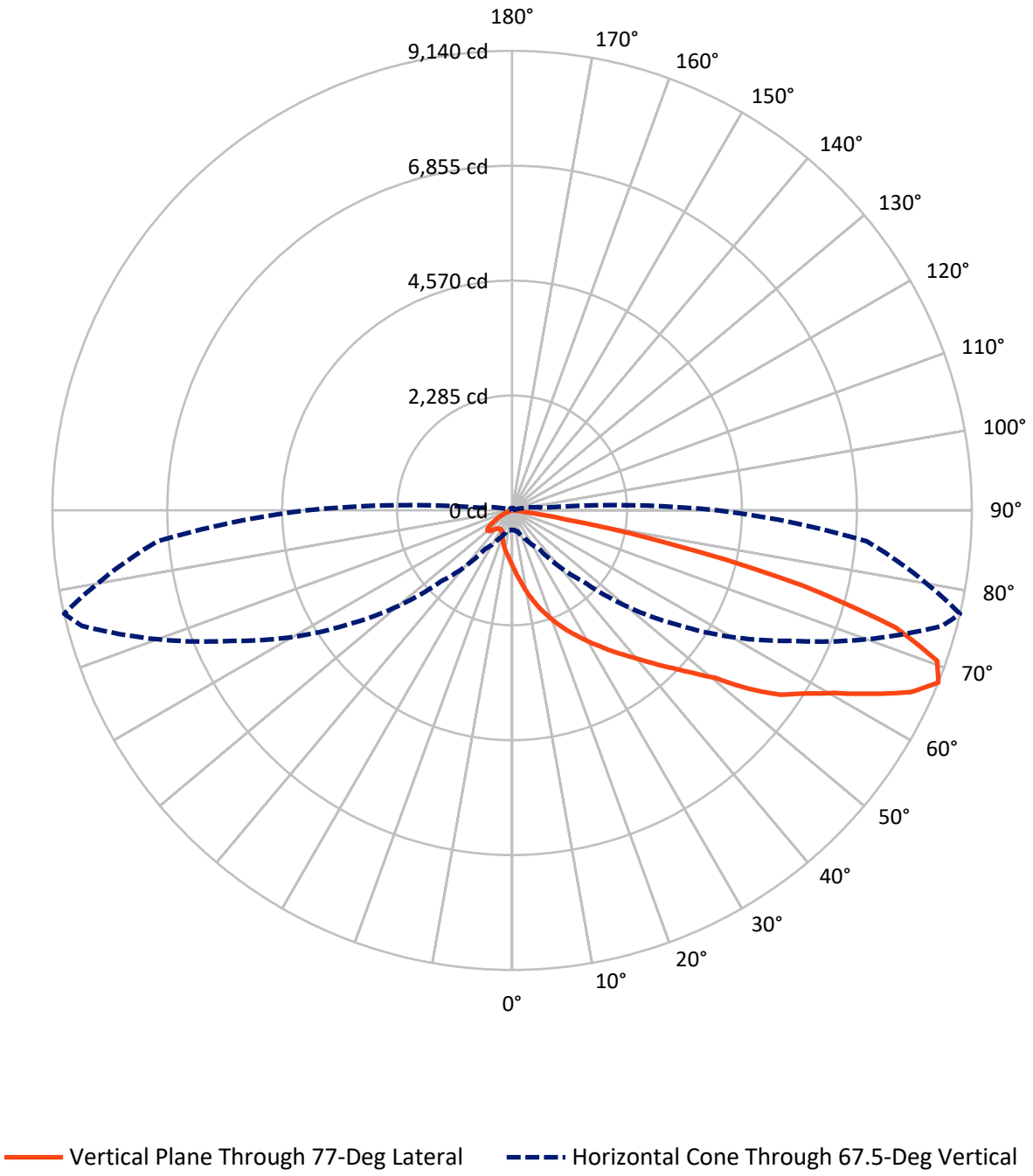
Based on 10 foot mounting height. Maximum calculated value = 25.7 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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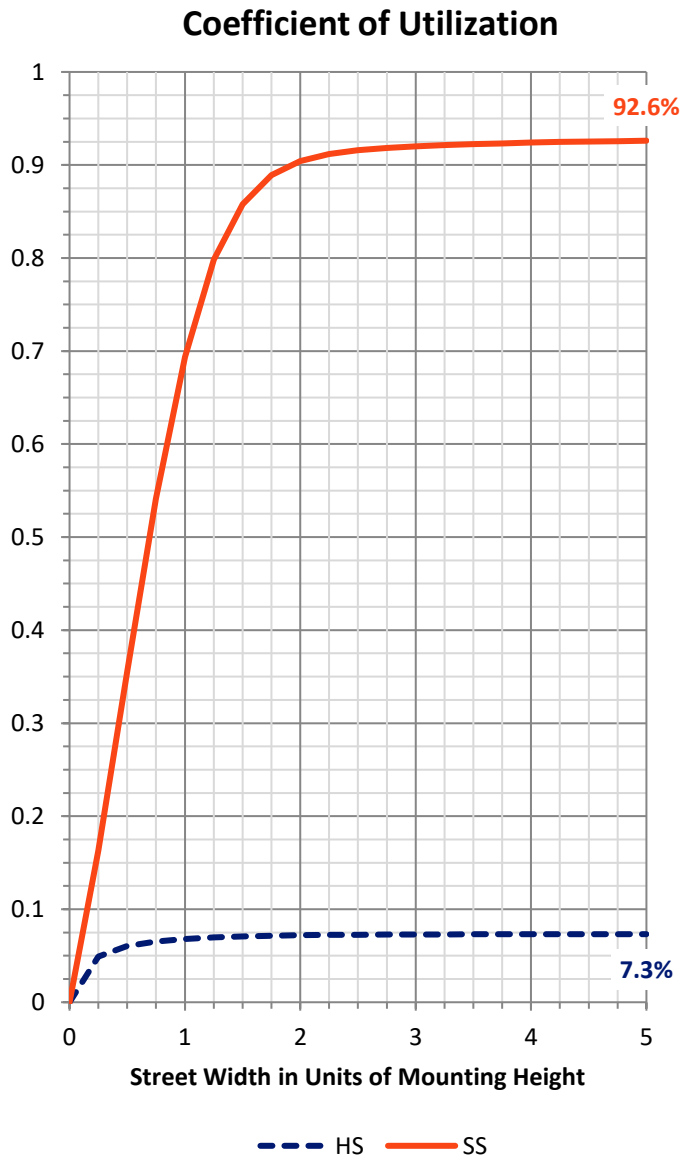
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	701.4	0.0	701.4
	% Fixture	7.4	0.0	7.4
Street Side	Lumens	8831.7	0.0	8831.7
	% Fixture	92.6	0.0	92.6
Total	Lumens	9533.0	0.0	9533.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.2	1.2
10°-20°	392.9	4.1
20°-30°	758.2	8.0
30°-40°	1316.3	13.8
40°-50°	1911.2	20.0
50°-60°	2194.8	23.0
60°-70°	1905.5	20.0
70°-80°	897.5	9.4
80°-90°	44.4	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°	9533.0	100.0
0°-180°	9533.0	100.0



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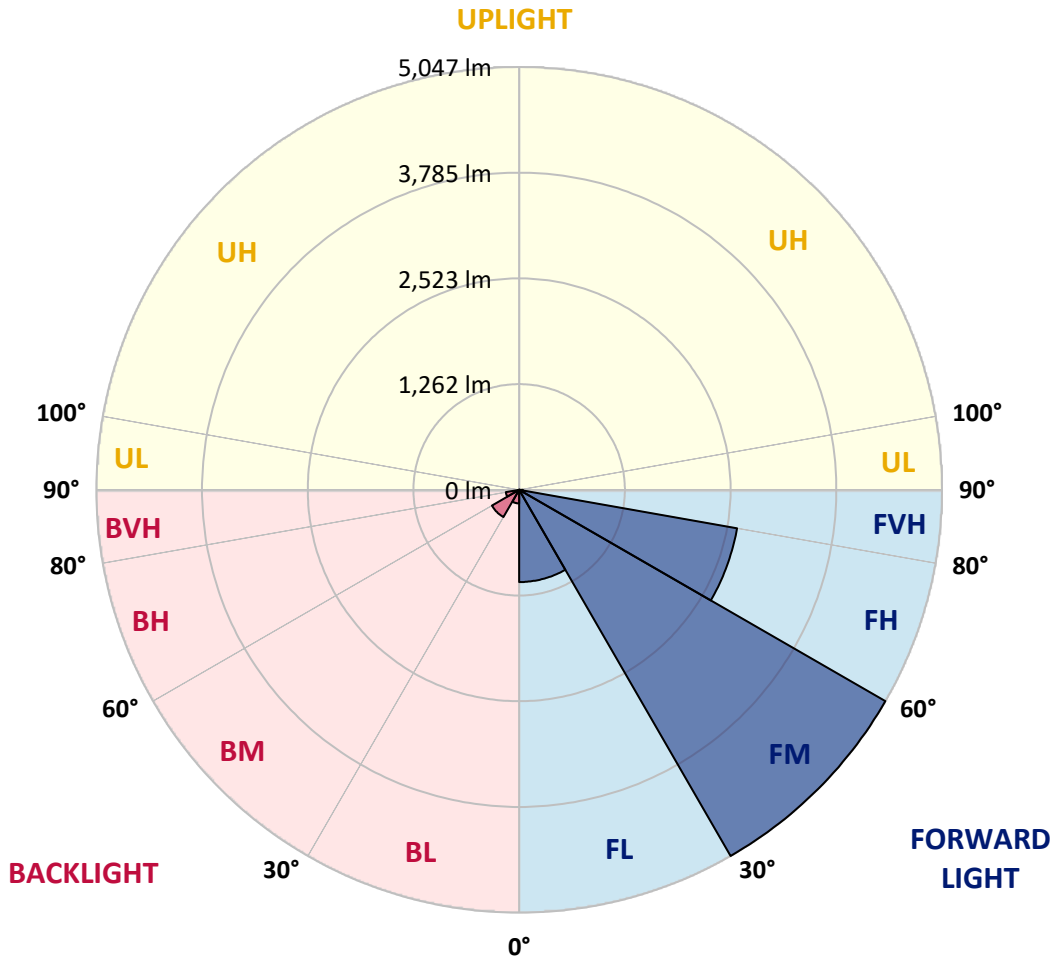
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1101.0	11.5			
FM	(30°-60°)	5046.5	52.9			
FH	(60°-80°)	2640.6	27.7			G2/5000
FVH	(80°-90°)	43.6	0.5			G1/100
BL	(0°-30°)	162.4	1.7	B1/500		
BM	(30°-60°)	375.8	3.9	B1/1000		
BH	(60°-80°)	162.4	1.7	B1/500		G1/500
BVH	(80°-90°)	0.8	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°	77°	85°
0°	1099.3	1099.3	1099.3	1099.3	1099.3	1099.3	1099.3	1099.3	1099.3	*1099.3*	1099.3
2.5°	1522.0	1531.4	1517.8	1491.8	1452.7	1427.2	1365.1	1306.5	1241.4	*1220.6*	1155.5
5°	1855.2	1863.5	1848.1	1819.7	1767.6	1717.9	1636.2	1513.7	1386.4	*1345.6*	1230.1
7.5°	2102.1	2106.8	2100.9	2074.9	2025.1	1968.9	1877.7	1732.7	1543.9	*1498.9*	1321.9
10°	2279.7	2295.1	2293.3	2283.2	2250.1	2204.5	2107.4	1942.3	1720.3	*1662.3*	1425.5
12.5°	2397.5	2414.7	2424.7	2447.2	2445.4	2416.4	2331.2	2156.6	1896.1	*1828.0*	1542.1
15°	2431.8	2450.2	2488.7	2540.8	2586.9	2601.7	2541.9	2366.7	2089.7	*2002.6*	1661.7
17.5°	2412.3	2440.7	2486.9	2569.2	2670.4	2737.3	2730.8	2569.8	2265.5	*2166.0*	1778.9
20°	2455.5	2482.7	2518.8	2588.1	2705.9	2827.3	2875.8	2763.9	2440.1	*2335.9*	1902.0
22.5°	2694.7	2689.9	2693.5	2704.7	2775.2	2895.3	2995.4	2940.3	2613.0	*2506.4*	2032.2
25°	3073.5	3052.2	3016.1	2955.1	2937.4	2995.4	3099.6	3096.6	2795.3	*2681.0*	2165.4
27.5°	3508.0	3504.5	3419.8	3273.0	3190.1	3167.7	3217.4	3248.8	2975.9	*2853.9*	2299.2
30°	3924.2	3933.7	3819.4	3656.0	3503.9	3415.7	3370.7	3393.2	3159.4	*3040.4*	2437.2
32.5°	4286.5	4296.5	4172.2	3981.0	3792.8	3686.2	3591.5	3535.9	3359.5	*3229.8*	2588.7
35°	4592.5	4602.6	4459.9	4248.6	4047.9	3951.4	3844.3	3692.1	3560.7	*3440.0*	2757.4
37.5°	4866.0	4863.1	4671.9	4458.7	4261.6	4185.3	4129.0	3884.5	3767.9	*3651.3*	2944.5
40°	5027.6	5040.1	4876.7	4641.7	4450.5	4394.8	4391.3	4123.1	4007.1	*3894.0*	3149.3
42.5°	5075.0	5096.9	4978.5	4785.5	4612.1	4551.7	4644.6	4381.2	4285.3	*4175.2*	3380.8
45°	4989.7	5011.1	4957.2	4823.4	4722.2	4683.1	4862.5	4648.8	4582.5	*4473.5*	3641.8
47.5°	4741.1	4767.8	4780.8	4752.4	4751.2	4790.8	5057.8	4930.5	4935.3	*4824.0*	3944.3
50°	4259.8	4304.8	4424.4	4525.0	4680.7	4876.1	5247.8	5236.0	5333.1	*5237.2*	4338.6
52.5°	3384.9	3448.8	3860.9	4136.1	4486.0	4860.1	5456.8	5726.2	6031.0	*5890.7*	4894.4
55°	2720.1	2720.1	3055.2	3570.2	4105.9	4754.7	5548.0	6044.6	6506.4	*6473.2*	5285.7
57.5°	2217.5	2244.2	2457.9	2913.1	3556.0	4503.7	5604.2	6244.7	6889.4	*6865.1*	5668.1
60°	1368.6	1426.1	1829.8	2279.1	2930.3	4056.8	5568.7	6447.2	7354.1	*7373.6*	6128.7
62.5°	770.7	792.1	972.0	1639.8	2278.5	3455.9	5297.0	6560.3	7948.4	*8031.3*	6603.5
65°	532.2	542.8	612.1	1020.6	1579.4	2751.5	4766.0	6489.8	8544.0	*8711.5*	7006.0
67.5°	*386.6*	*391.9*	*435.1*	*623.3*	*937.1*	*1995.0*	*3933.7*	*6134.6*	*8859.5*	*9139.5*	*7083.0*
70°	297.2	300.7	332.1	409.6	553.5	1231.3	2856.9	5428.4	8631.0	*8965.4*	6688.7
72.5°	241.5	245.1	269.3	303.1	367.0	728.1	1731.5	4408.4	7622.3	*7983.4*	5694.2
75°	203.6	208.4	230.3	252.2	287.7	467.7	812.2	3070.0	5732.1	*5968.9*	3959.7
77.5°	113.1	104.2	187.1	209.0	242.7	296.0	380.0	1806.7	3210.3	*3276.0*	1757.0
80°	70.4	72.8	148.6	168.1	186.5	149.2	174.0	695.6	1112.9	*1057.3*	340.4
82.5°	4.1	9.5	114.3	121.4	127.9	63.9	65.7	236.2	268.2	*246.3*	60.4
85°	0.0	0.0	52.1	42.0	44.4	18.4	18.9	55.1	36.1	*39.1*	11.8
87.5°	0.0	0.0	0.0	1.2	0.0	1.8	3.6	4.7	1.8	*2.4*	4.1
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°	1099.3	1099.3	1099.3	1099.3	1099.3	1099.3	1099.3	1099.3	1099.3	1099.3	1099.3
2.5°	1114.1	1072.7	988.6	906.3	839.4	777.3	732.9	690.8	669.5	668.3	667.2
5°	1147.8	1060.8	892.7	744.1	624.5	528.6	466.5	422.1	399.6	391.9	390.7
7.5°	1195.2	1064.4	808.6	602.0	461.1	378.9	343.3	329.1	324.4	319.1	317.9
10°	1255.0	1072.7	733.5	484.8	363.5	322.0	307.8	301.9	298.4	294.8	293.6
12.5°	1321.9	1080.4	658.9	402.5	319.7	298.4	288.3	281.2	276.5	272.3	271.1
15°	1387.0	1085.1	581.3	345.1	297.2	280.0	269.3	261.7	255.1	250.4	249.8
17.5°	1451.5	1091.6	508.5	310.8	278.8	261.7	251.0	241.5	236.2	230.9	230.3
20°	1523.1	1090.4	439.8	286.5	260.5	243.3	232.1	223.2	217.8	211.9	211.3
22.5°	1589.4	1084.5	379.5	265.8	241.5	224.9	212.5	203.6	198.3	193.6	193.0
25°	1665.8	1079.8	329.1	246.9	223.8	207.2	193.6	185.3	179.4	175.2	174.6
27.5°	1739.2	1072.7	292.4	229.7	206.6	190.6	177.6	168.1	162.8	159.8	159.8
30°	1811.4	1070.9	278.8	213.1	191.2	175.2	162.2	153.3	149.2	148.0	147.4
32.5°	1898.5	1075.6	284.7	207.2	177.0	161.0	148.6	142.1	137.9	137.9	137.9
35°	1991.4	1074.4	293.6	212.5	167.5	146.8	137.3	133.2	129.1	129.1	129.1
37.5°	2108.0	1076.2	300.7	221.4	164.0	135.0	129.6	124.3	121.9	121.9	121.9
40°	2282.1	1134.8	297.2	229.1	162.8	126.7	116.0	114.3	112.5	112.5	112.5
42.5°	2495.2	1262.1	301.9	229.7	162.2	120.8	106.6	110.1	106.0	105.4	104.8
45°	2728.4	1401.2	332.1	217.3	161.6	117.8	101.8	106.0	99.5	99.5	99.5
47.5°	2959.9	1539.1	362.9	199.5	159.8	117.2	97.7	95.3	93.5	94.1	94.1
50°	3278.9	1651.6	374.7	175.2	155.7	116.0	90.0	90.6	89.4	90.6	90.6
52.5°	3626.4	1675.3	360.5	148.0	143.8	112.5	84.7	87.0	86.4	87.6	87.6
55°	3843.1	1649.8	297.8	123.1	125.5	98.3	79.3	84.1	84.1	84.1	84.1
57.5°	4066.9	1541.5	211.3	100.0	104.2	80.5	74.6	81.1	80.5	79.9	79.9
60°	4227.9	1366.3	139.1	82.3	82.9	66.3	69.3	76.4	75.8	72.8	72.8
62.5°	4348.0	1172.7	89.4	69.9	63.3	59.8	63.3	69.3	66.9	60.4	59.2
65°	4334.4	904.5	68.7	59.8	52.1	52.1	55.1	60.4	53.3	42.6	41.4
67.5°	*4081.7*	*612.1*	*56.8*	*50.3*	*43.8*	*43.2*	*45.6*	*50.3*	*45.6*	*36.1*	*34.9*
70°	3630.0	400.2	45.6	39.1	34.9	32.0	36.7	43.2	38.5	29.0	27.8
72.5°	2946.3	243.9	34.3	28.4	25.5	20.7	29.0	35.5	30.8	21.3	20.1
75°	1906.2	124.3	23.7	18.4	13.6	12.4	21.3	26.6	21.3	13.0	11.2
77.5°	729.3	52.1	13.0	8.3	7.1	5.9	11.8	16.0	8.9	3.0	2.4
80°	140.3	21.9	6.5	4.1	3.6	2.4	1.8	1.2	0.0	0.0	0.0
82.5°	24.3	7.1	2.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	8.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	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)