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: P1200207

Luminaire Tested: GPC-SB2C-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:	P1200207
	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-SB2C-735-U-T2R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 615mA 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:	12678 lumens
Efficiency:	N/A
Efficacy:	125.6 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

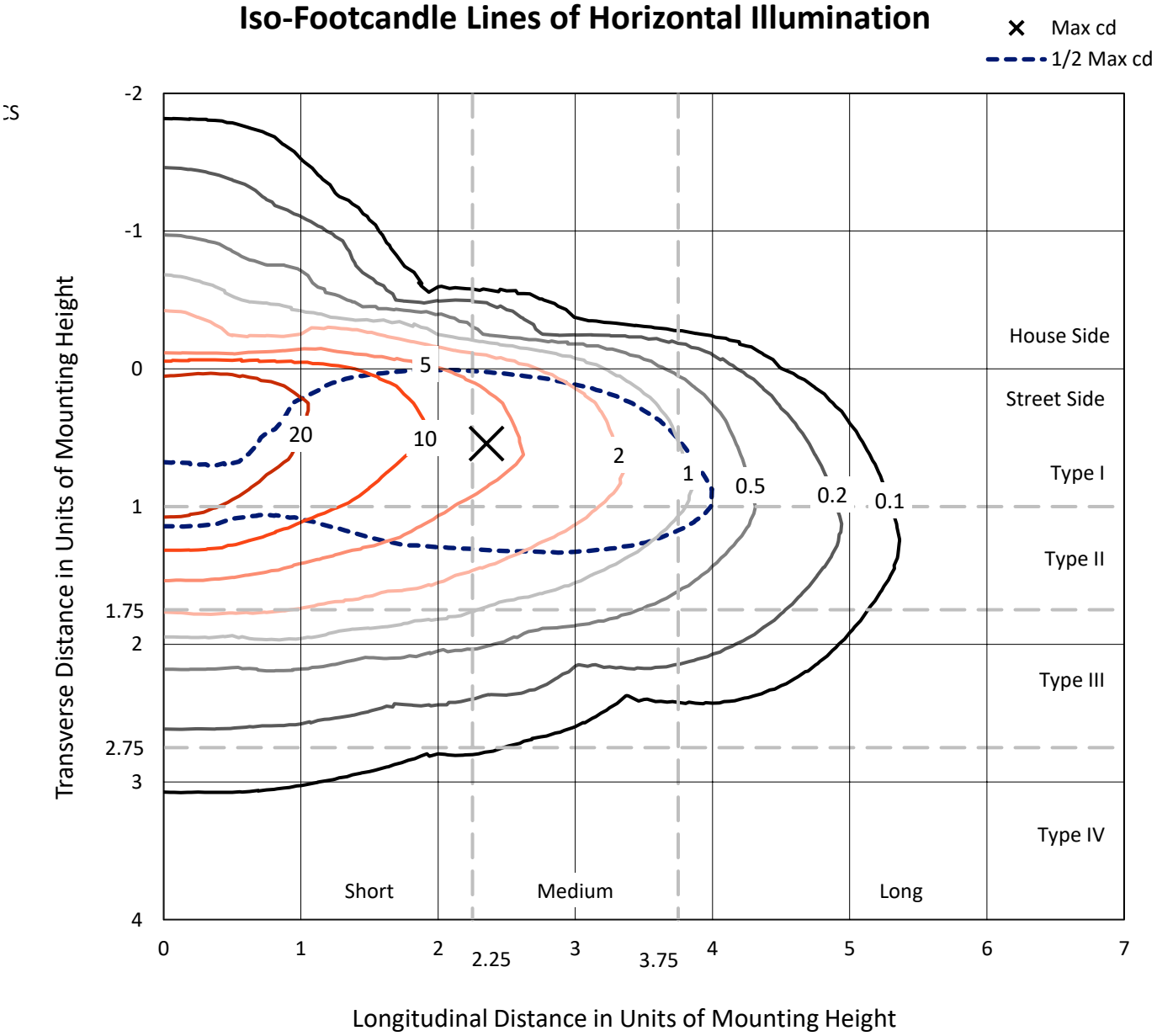


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Iso-Footcandle Lines of Horizontal Illumination



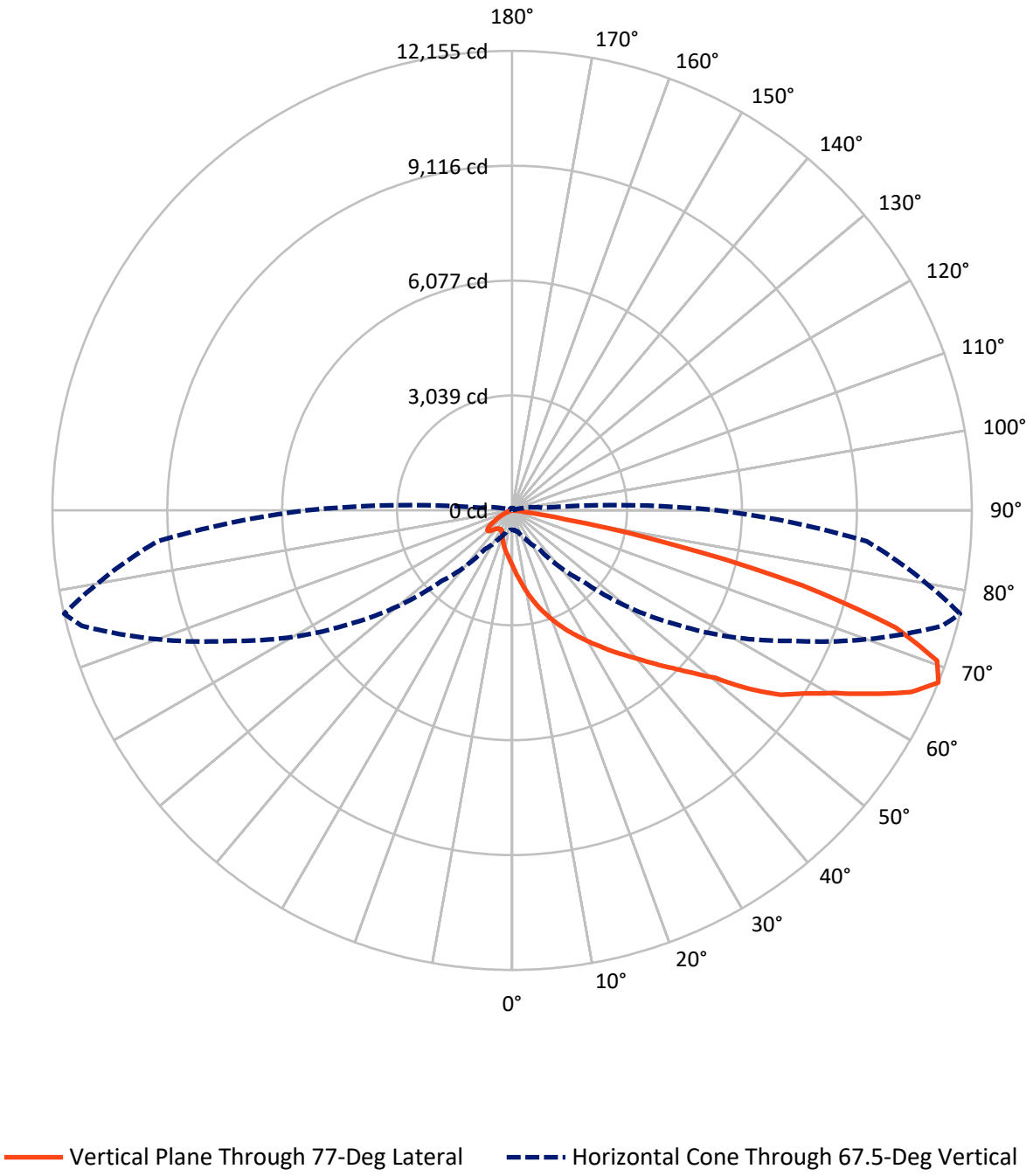
Based on 10 foot mounting height. Maximum calculated value = 34.2 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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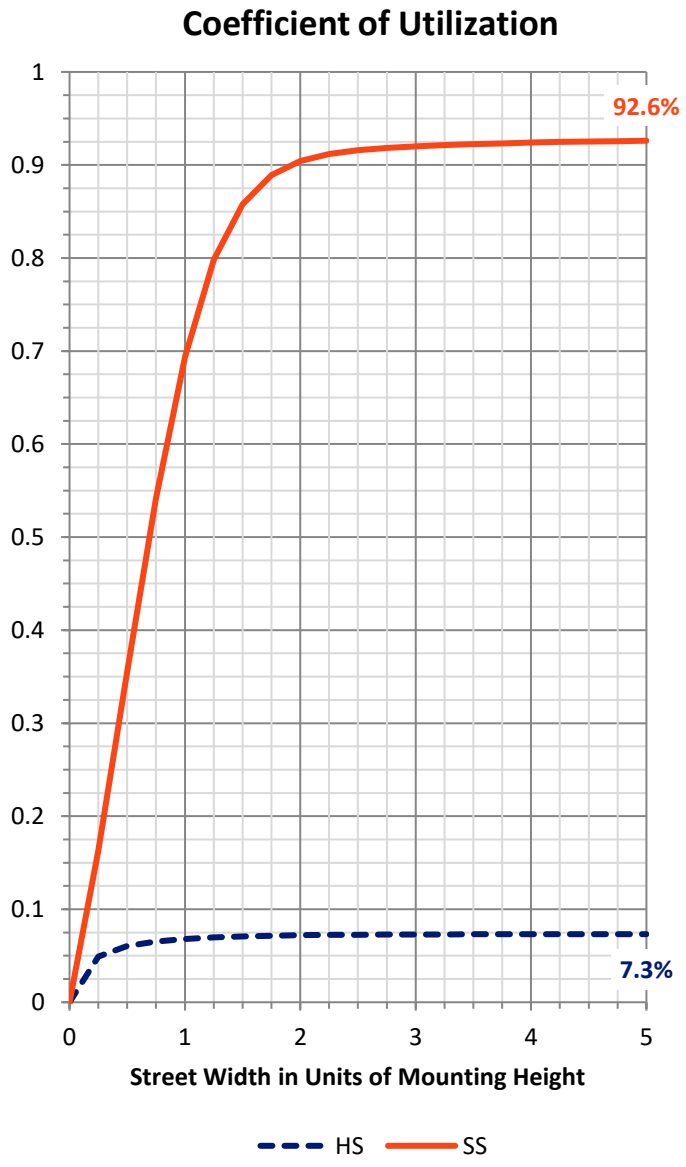
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	932.7	0.0	932.7
	% Fixture	7.4	0.0	7.4
Street Side	Lumens	11745.3	0.0	11745.3
	% Fixture	92.6	0.0	92.6
Total	Lumens	12678.0	0.0	12678.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.2	1.2
10°-20°	522.5	4.1
20°-30°	1008.4	8.0
30°-40°	1750.6	13.8
40°-50°	2541.7	20.0
50°-60°	2918.9	23.0
60°-70°	2534.1	20.0
70°-80°	1193.6	9.4
80°-90°	59.0	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°	12678.0	100.0
0°-180°	12678.0	100.0



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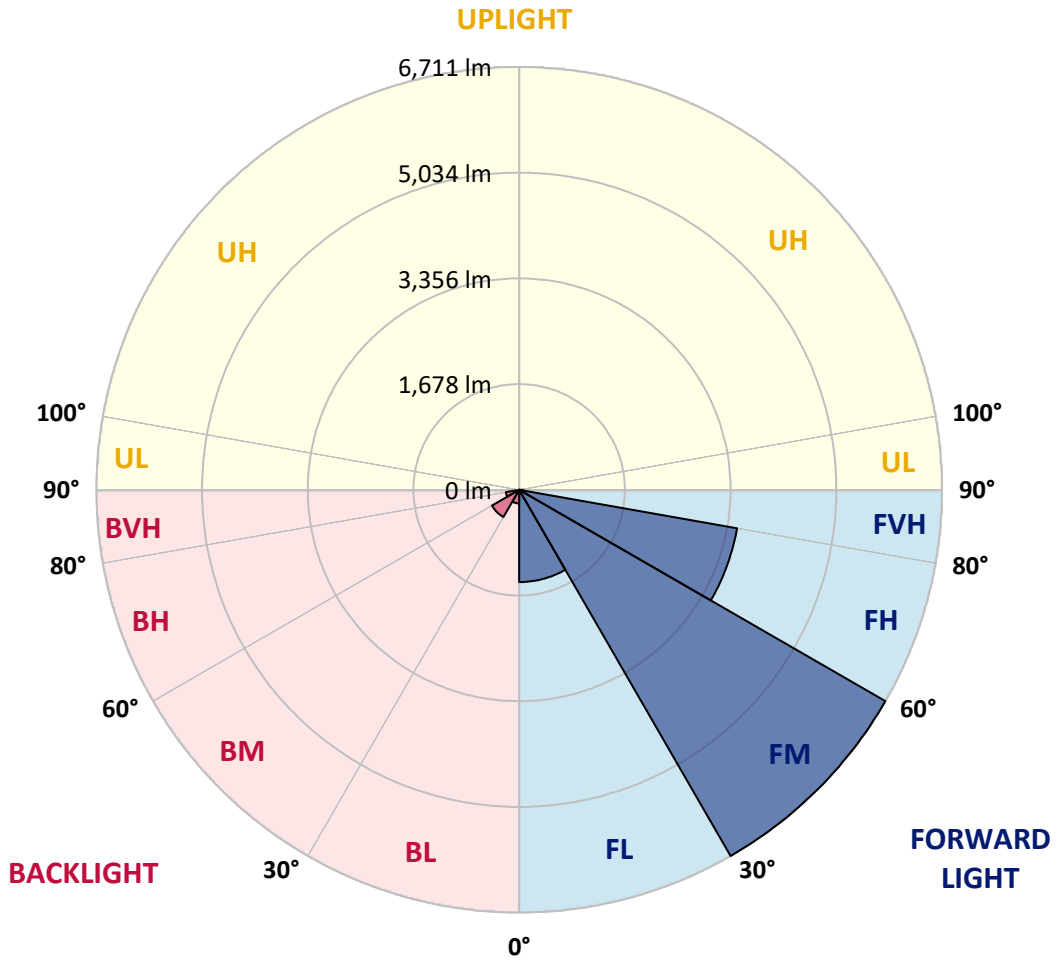
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1464.2	11.5			
FM	(30°-60°)	6711.4	52.9			
FH	(60°-80°)	3511.8	27.7			G2/5000
FVH	(80°-90°)	57.9	0.5			G1/100
BL	(0°-30°)	215.9	1.7	B1/500		
BM	(30°-60°)	499.8	3.9	B1/1000		
BH	(60°-80°)	215.9	1.7	B1/500		G1/500
BVH	(80°-90°)	1.1	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°	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	*1462.0*	1462.0
2.5°	2024.1	2036.7	2018.6	1983.9	1932.0	1898.1	1815.4	1737.5	1650.9	*1623.4*	1536.8
5°	2467.3	2478.3	2457.9	2420.1	2350.8	2284.7	2176.0	2013.0	1843.8	*1789.5*	1635.9
7.5°	2795.6	2801.9	2794.0	2759.4	2693.2	2618.5	2497.2	2304.3	2053.2	*1993.4*	1758.0
10°	3031.8	3052.2	3049.9	3036.5	2992.4	2931.8	2802.7	2583.0	2287.8	*2210.7*	1895.7
12.5°	3188.4	3211.3	3224.7	3254.6	3252.2	3213.6	3100.3	2868.0	2521.6	*2431.1*	2050.8
15°	3234.1	3258.5	3309.7	3379.0	3440.4	3460.1	3380.5	3147.5	2779.1	*2663.3*	2209.9
17.5°	3208.1	3245.9	3307.3	3416.8	3551.4	3640.3	3631.7	3417.5	3012.9	*2880.6*	2365.7
20°	3265.6	3301.8	3349.8	3441.9	3598.6	3760.0	3824.6	3675.8	3245.1	*3106.6*	2529.5
22.5°	3583.7	3577.4	3582.1	3597.0	3690.7	3850.5	3983.6	3910.4	3475.0	*3333.3*	2702.7
25°	4087.5	4059.2	4011.1	3930.1	3906.4	3983.6	4122.1	4118.2	3717.5	*3565.5*	2879.8
27.5°	4665.4	4660.6	4548.1	4352.8	4242.6	4212.7	4278.8	4320.5	3957.6	*3795.4*	3057.8
30°	5218.8	5231.4	5079.5	4862.2	4659.8	4542.5	4482.7	4512.6	4201.7	*4043.4*	3241.2
32.5°	5700.6	5714.0	5548.7	5294.4	5044.0	4902.3	4776.4	4702.4	4467.8	*4295.3*	3442.7
35°	6107.6	6121.0	5931.3	5650.2	5383.3	5255.0	5112.5	4910.2	4735.4	*4574.8*	3667.1
37.5°	6471.4	6467.4	6213.1	5929.7	5667.6	5566.0	5491.2	5166.1	5011.0	*4855.9*	3915.9
40°	6686.3	6702.8	6485.5	6173.0	5918.7	5844.7	5840.0	5483.3	5329.0	*5178.7*	4188.3
42.5°	6749.3	6778.4	6620.9	6364.3	6133.6	6053.3	6176.9	5826.6	5699.0	*5552.6*	4496.1
45°	6635.9	6664.2	6592.6	6414.7	6280.1	6228.1	6466.6	6182.4	6094.3	*5949.4*	4843.3
47.5°	6305.2	6340.7	6358.0	6320.2	6318.6	6371.4	6726.4	6557.2	6563.5	*6415.5*	5245.6
50°	5665.2	5725.0	5884.1	6017.9	6224.9	6484.7	6979.1	6963.4	7092.5	*6965.0*	5769.9
52.5°	4501.6	4586.6	5134.6	5500.7	5965.9	6463.5	7257.1	7615.3	8020.7	*7834.1*	6509.1
55°	3617.5	3617.5	4063.1	4748.0	5460.5	6323.3	7378.3	8038.8	8652.9	*8608.8*	7029.5
57.5°	2949.1	2984.5	3268.7	3874.2	4729.1	5989.5	7453.1	8304.9	9162.2	*9130.0*	7538.1
60°	1820.2	1896.5	2433.5	3031.0	3897.0	5395.2	7405.8	8574.2	9780.3	*9806.2*	8150.6
62.5°	1025.0	1053.4	1292.7	2180.7	3030.2	4596.1	7044.5	8724.5	10570.7	*10680.9*	8782.0
65°	707.8	721.9	814.0	1357.3	2100.4	3659.2	6338.3	8630.8	11362.7	*11585.5*	9317.3
67.5°	*514.1*	*521.2*	*578.6*	*829.0*	*1246.2*	*2653.1*	*5231.4*	*8158.5*	*11782.3*	*12154.7*	*9419.7*
70°	395.2	399.9	441.7	544.8	736.1	1637.5	3799.4	7219.3	11478.4	*11923.2*	8895.4
72.5°	321.2	325.9	358.2	403.1	488.1	968.3	2302.8	5862.8	10136.9	*10617.1*	7572.7
75°	270.8	277.1	306.2	335.4	382.6	621.9	1080.1	4082.8	7623.1	*7938.0*	5266.0
77.5°	150.4	138.6	248.8	277.9	322.8	393.6	505.4	2402.7	4269.4	*4356.8*	2336.6
80°	93.7	96.8	197.6	223.6	248.0	198.4	231.5	925.0	1480.1	*1406.1*	452.7
82.5°	5.5	12.6	151.9	161.4	170.1	85.0	87.4	314.1	356.6	*327.5*	80.3
85°	0.0	0.0	69.3	55.9	59.0	24.4	25.2	73.2	48.0	*52.0*	15.7
87.5°	0.0	0.0	0.0	1.6	0.0	2.4	4.7	6.3	2.4	*3.1*	5.5
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°	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0
2.5°	1481.6	1426.5	1314.7	1205.3	1116.3	1033.7	974.6	918.7	890.4	888.8	887.3
5°	1526.5	1410.8	1187.2	989.6	830.6	703.0	620.4	561.3	531.4	521.2	519.6
7.5°	1589.5	1415.5	1075.4	800.7	613.3	503.9	456.6	437.7	431.4	424.3	422.8
10°	1669.0	1426.5	975.4	644.8	483.4	428.3	409.4	401.5	396.8	392.1	390.5
12.5°	1758.0	1436.8	876.2	535.3	425.1	396.8	383.4	374.0	367.7	362.1	360.6
15°	1844.6	1443.1	773.1	459.0	395.2	372.4	358.2	348.0	339.3	333.0	332.2
17.5°	1930.4	1451.7	676.3	413.3	370.8	348.0	333.8	321.2	314.1	307.0	306.2
20°	2025.6	1450.2	584.9	381.0	346.4	323.6	308.6	296.8	289.7	281.8	281.1
22.5°	2113.8	1442.3	504.6	353.5	321.2	299.2	282.6	270.8	263.7	257.4	256.6
25°	2215.4	1436.0	437.7	328.3	297.6	275.5	257.4	246.4	238.5	233.0	232.2
27.5°	2313.0	1426.5	388.9	305.5	274.8	253.5	236.2	223.6	216.5	212.6	212.6
30°	2409.0	1424.2	370.8	283.4	254.3	233.0	215.7	203.9	198.4	196.8	196.0
32.5°	2524.8	1430.5	378.7	275.5	235.4	214.1	197.6	188.9	183.4	183.4	183.4
35°	2648.4	1428.9	390.5	282.6	222.8	195.2	182.6	177.1	171.6	171.6	171.6
37.5°	2803.5	1431.3	399.9	294.4	218.1	179.5	172.4	165.3	162.2	162.2	162.2
40°	3034.9	1509.2	395.2	304.7	216.5	168.5	154.3	151.9	149.6	149.6	149.6
42.5°	3318.3	1678.5	401.5	305.5	215.7	160.6	141.7	146.4	140.9	140.1	139.3
45°	3628.5	1863.5	441.7	288.9	214.9	156.7	135.4	140.9	132.3	132.3	132.3
47.5°	3936.3	2046.9	482.6	265.3	212.6	155.9	129.9	126.8	124.4	125.2	125.2
50°	4360.7	2196.5	498.3	233.0	207.1	154.3	119.7	120.5	118.9	120.5	120.5
52.5°	4822.8	2228.0	479.4	196.8	191.3	149.6	112.6	115.7	114.9	116.5	116.5
55°	5111.0	2194.1	396.0	163.8	166.9	130.7	105.5	111.8	111.8	111.8	111.8
57.5°	5408.5	2050.1	281.1	133.0	138.6	107.1	99.2	107.9	107.1	106.3	106.3
60°	5622.7	1817.0	185.0	109.4	110.2	88.2	92.1	101.6	100.8	96.8	96.8
62.5°	5782.5	1559.6	118.9	92.9	84.2	79.5	84.2	92.1	89.0	80.3	78.7
65°	5764.4	1202.9	91.3	79.5	69.3	69.3	73.2	80.3	70.9	56.7	55.1
67.5°	*5428.2*	*814.0*	*75.6*	*66.9*	*58.3*	*57.5*	*60.6*	*66.9*	*60.6*	*48.0*	*46.4*
70°	4827.5	532.2	60.6	52.0	46.4	42.5	48.8	57.5	51.2	38.6	37.0
72.5°	3918.2	324.4	45.7	37.8	33.9	27.6	38.6	47.2	40.9	28.3	26.8
75°	2535.0	165.3	31.5	24.4	18.1	16.5	28.3	35.4	28.3	17.3	15.0
77.5°	969.9	69.3	17.3	11.0	9.4	7.9	15.7	21.3	11.8	3.9	3.1
80°	186.6	29.1	8.7	5.5	4.7	3.1	2.4	1.6	0.0	0.0	0.0
82.5°	32.3	9.4	3.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	11.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.9	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

(END OF REPORT)