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: P1200682

Luminaire Tested: GPC-SB2D-735-U-T2-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1200682
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2D-735-U-T2-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14857 lumens
Efficiency:	N/A
Efficacy:	100.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - U0 - G2

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

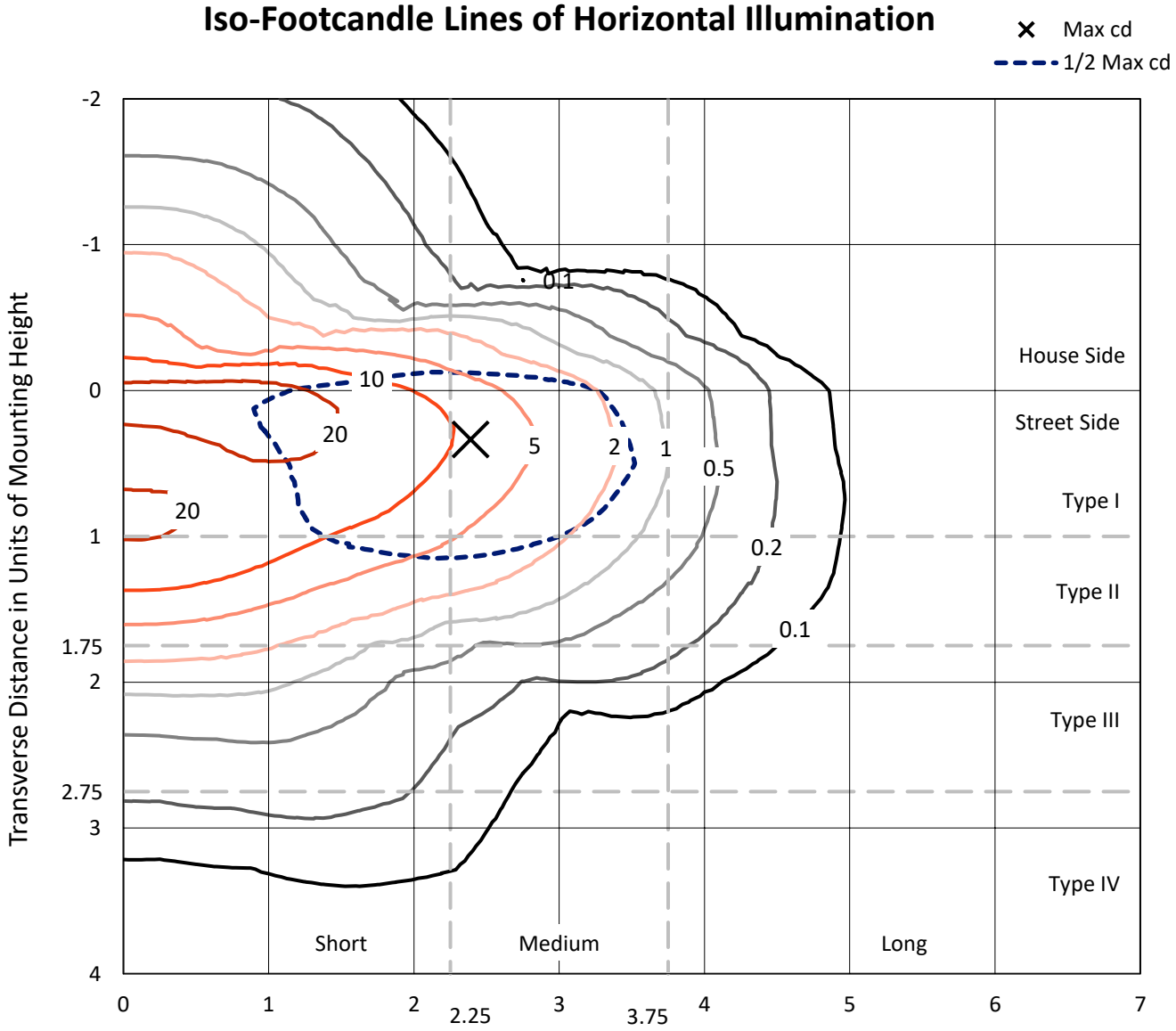


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Iso-Footcandle Lines of Horizontal Illumination



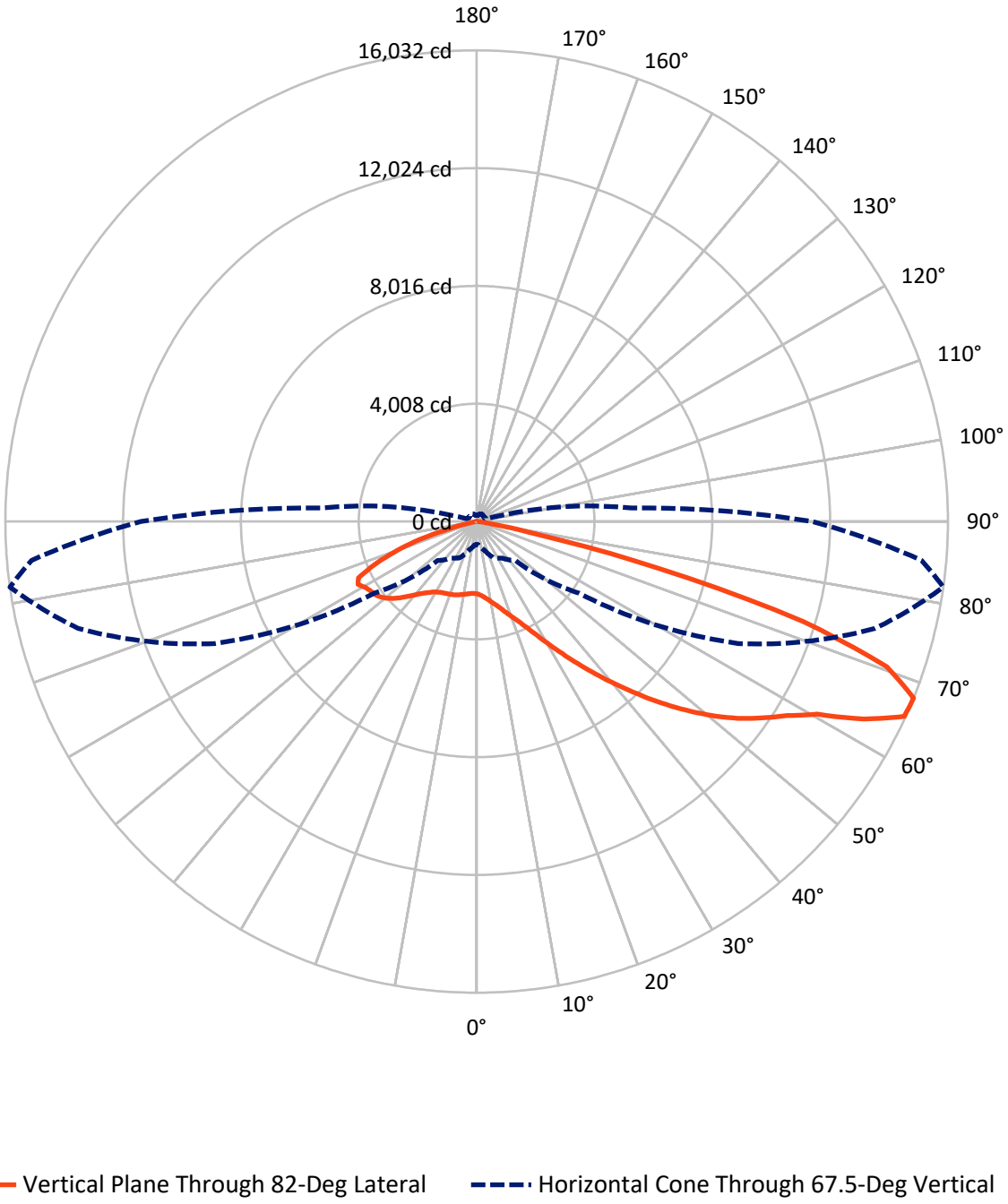
Based on 10 foot mounting height. Maximum calculated value = 32.5 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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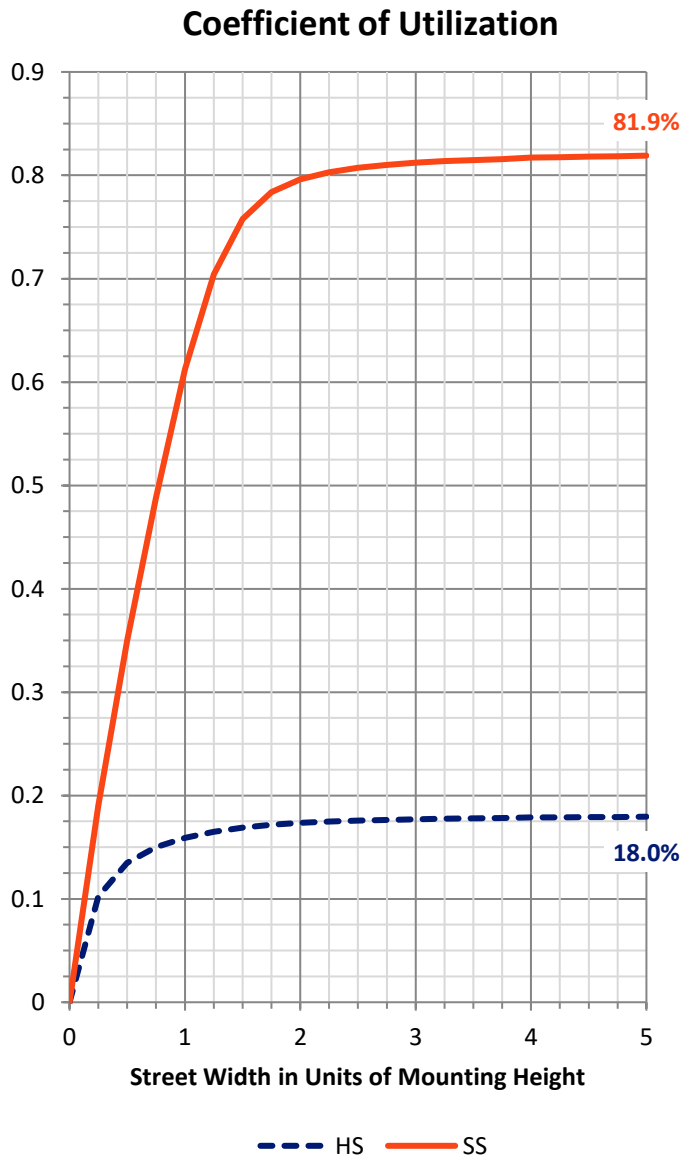
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2691.2	0.0	2691.2
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	12165.8	0.0	12165.8
	% Fixture	81.9	0.0	81.9
Total	Lumens	14857.0	0.0	14857.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	219.3	1.5
10°-20°	569.8	3.8
20°-30°	912.7	6.1
30°-40°	1613.9	10.9
40°-50°	2827.7	19.0
50°-60°	3771.4	25.4
60°-70°	3511.0	23.6
70°-80°	1347.5	9.1
80°-90°	83.7	0.6
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°	14857.0	100.0
0°-180°	14857.0	100.0



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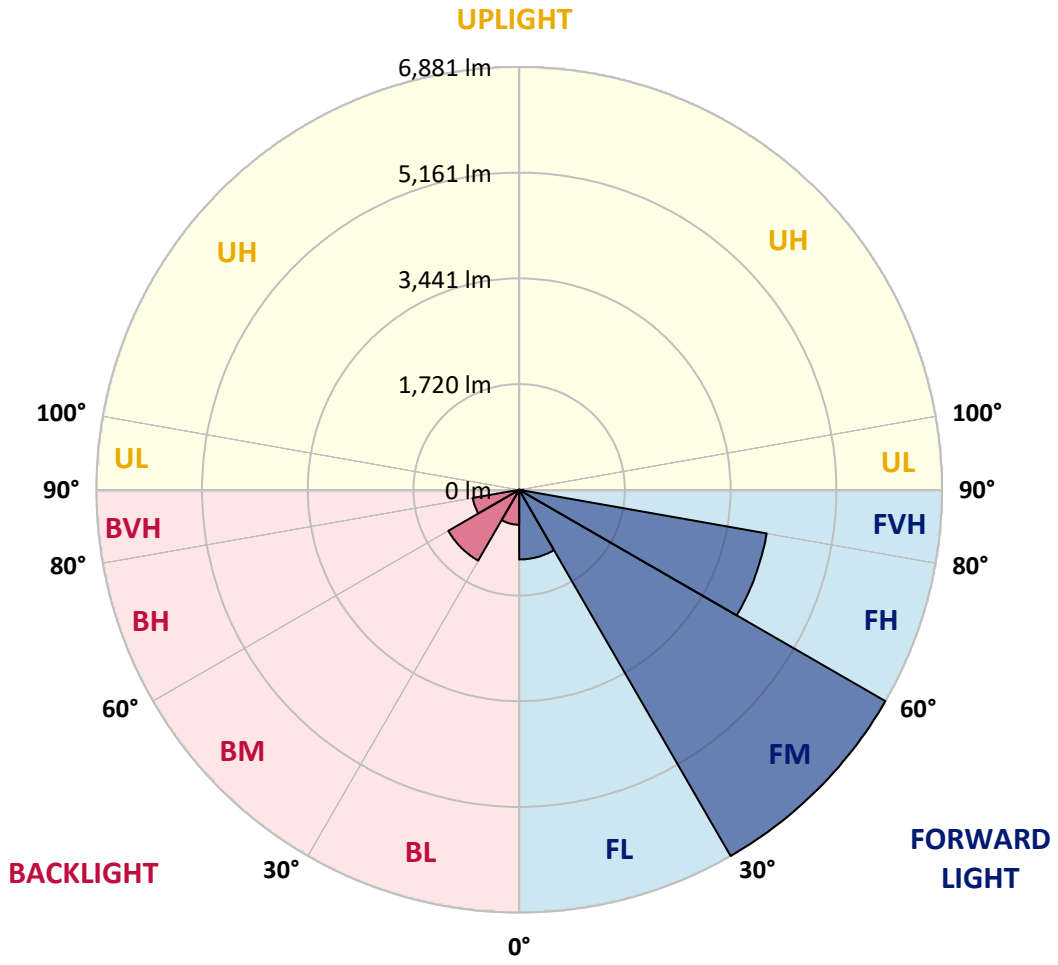
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1133.4	7.6			
FM	(30°-60°)	6881.2	46.3			
FH	(60°-80°)	4090.4	27.5			G2/5000
FVH	(80°-90°)	60.8	0.4			G1/100
BL	(0°-30°)	568.4	3.8	B2/1000		
BM	(30°-60°)	1331.9	9.0	B2/2500		
BH	(60°-80°)	768.1	5.2	B2/1000		G2/1000
BVH	(80°-90°)	22.8	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	2461.3	2461.3	2461.3	2461.3	2461.3	2461.3	2461.3	2461.3	2461.3	*2461.3*	2461.3
2.5°	2601.4	2616.4	2607.8	2603.6	2596.1	2585.4	2576.8	2550.1	2522.3	*2504.1*	2497.7
5°	2653.8	2668.8	2667.7	2672.0	2677.4	2680.6	2678.4	2648.5	2608.9	*2577.9*	2559.7
7.5°	2608.9	2626.0	2639.9	2661.3	2698.8	2738.3	2757.6	2751.2	2710.5	*2667.7*	2645.3
10°	2481.6	2499.8	2533.0	2583.2	2662.4	2748.0	2819.6	2852.8	2827.1	*2780.1*	2749.0
12.5°	2248.4	2266.6	2331.9	2441.0	2573.6	2722.3	2859.2	2948.0	2954.4	*2907.4*	2871.0
15°	1986.4	2004.6	2074.1	2211.0	2413.2	2651.7	2880.6	3048.5	3105.2	*3064.6*	3020.7
17.5°	1823.8	1839.8	1892.2	2002.4	2213.1	2510.5	2873.1	3155.5	3284.9	*3252.9*	3200.4
20°	1774.6	1788.5	1813.1	1890.1	2065.5	2364.0	2823.9	3256.1	3478.6	*3460.4*	3401.5
22.5°	1827.0	1839.8	1847.3	1881.5	1991.7	2267.7	2761.9	3358.8	3703.2	*3705.3*	3633.7
25°	1947.9	1960.7	1952.1	1973.5	2021.7	2237.7	2738.3	3479.6	3985.6	*4009.1*	3927.8
27.5°	2146.8	2147.9	2127.6	2126.5	2134.0	2282.7	2762.9	3609.1	4341.8	*4385.6*	4285.1
30°	2545.8	2529.8	2451.7	2367.2	2328.7	2417.4	2831.4	3762.0	4762.2	*4840.2*	4714.0
32.5°	3160.9	3137.3	2994.0	2791.8	2588.6	2634.6	2954.4	3936.4	5220.0	*5361.2*	5207.1
35°	3828.3	3821.9	3672.2	3371.6	3016.5	2943.7	3154.4	4165.3	5719.5	*5944.1*	5761.2
37.5°	4448.7	4445.5	4360.0	4005.9	3573.8	3374.8	3475.3	4464.8	6254.3	*6579.5*	6363.4
40°	5015.7	5025.3	4939.7	4623.1	4187.7	3927.8	3911.8	4834.9	6849.1	*7271.6*	7014.9
42.5°	5505.6	5516.3	5429.6	5195.4	4794.2	4539.7	4447.7	5288.4	7429.9	*8015.0*	7711.2
45°	5838.2	5904.6	5891.7	5704.5	5416.8	5152.6	5091.6	5857.5	8092.0	*8803.4*	8447.2
47.5°	5932.4	5993.3	6089.6	6115.3	5939.9	5679.9	5752.7	6543.1	8761.6	*9592.8*	9187.4
50°	5700.3	5756.9	5957.0	6223.3	6345.3	6265.0	6395.5	7278.0	9447.3	*10380.0*	9913.7
52.5°	5242.4	5300.2	5552.6	5974.1	6471.5	6723.9	7040.5	8002.2	10111.6	*11125.6*	10601.5
55°	4580.3	4641.3	4965.4	5442.5	6230.8	6913.3	7578.6	8725.3	10720.2	*11796.3*	11221.9
57.5°	3679.7	3724.6	4061.5	4729.0	5625.4	6725.0	7975.4	9514.7	11293.5	*12455.2*	11836.9
60°	2398.2	2437.8	2829.3	3573.8	4622.0	6096.0	8054.6	10395.0	12055.1	*13312.0*	12665.9
62.5°	1594.9	1621.6	1853.7	2400.3	3255.0	4888.4	7591.4	11097.8	13171.9	*14803.1*	14087.5
65°	1094.3	1121.0	1353.1	1733.9	2103.0	3233.6	6259.7	11004.7	14183.8	*15987.2*	15141.1
67.5°	*780.9*	*803.3*	*1000.1*	*1359.5*	*1522.1*	*1878.3*	*4243.4*	*9815.3*	*14038.3*	*16032.2*	*15197.8*
70°	559.4	572.3	734.9	1059.0	1209.8	1128.5	2359.7	7506.9	12291.5	*14804.2*	14040.4
72.5°	391.5	395.8	510.2	806.5	974.5	823.6	1123.1	5005.0	9296.5	*11619.8*	10884.9
75°	265.3	270.6	343.4	591.5	781.9	629.0	594.7	2683.8	5457.4	*6431.9*	5765.5
77.5°	162.6	164.7	221.4	404.3	585.1	479.2	382.9	1137.1	2111.5	*2073.0*	1767.1
80°	92.0	92.0	141.2	251.4	399.0	309.1	268.5	483.5	668.5	*587.2*	517.7
82.5°	51.3	52.4	102.7	156.2	264.2	182.9	147.6	223.6	288.8	*255.7*	222.5
85°	21.4	23.5	63.1	73.8	126.2	90.9	59.9	94.1	107.0	*95.2*	69.5
87.5°	2.1	3.2	19.3	13.9	15.0	18.2	8.6	18.2	15.0	*15.0*	10.7
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°	2461.3	2461.3	2461.3	2461.3	2461.3	2461.3	2461.3	2461.3	2461.3	2461.3	2461.3
2.5°	2477.3	2461.3	2420.7	2373.6	2311.5	2281.6	2241.0	2213.1	2189.6	2191.7	2170.4
5°	2525.5	2484.8	2393.9	2280.5	2139.3	2038.8	1931.8	1858.0	1798.1	1785.3	1756.4
7.5°	2591.8	2527.6	2368.2	2163.9	1925.4	1744.6	1583.1	1479.3	1405.5	1382.0	1358.5
10°	2677.4	2584.3	2335.1	2017.4	1674.0	1444.0	1270.8	1189.5	1139.2	1122.1	1109.2
12.5°	2776.9	2649.6	2291.2	1838.8	1415.2	1193.7	1083.6	1042.9	1026.9	1021.5	1018.3
15°	2902.0	2730.9	2224.9	1627.0	1195.9	1040.8	993.7	988.4	990.5	988.4	987.3
17.5°	3050.7	2819.6	2116.9	1408.8	1048.3	962.7	945.6	949.9	955.2	954.1	952.0
20°	3213.3	2907.4	1978.9	1215.1	947.7	907.1	897.5	901.7	906.0	903.9	902.8
22.5°	3398.3	3001.5	1825.9	1064.3	880.3	855.7	845.0	846.1	846.1	841.8	839.7
25°	3619.8	3105.2	1665.5	957.4	829.0	809.7	796.9	792.6	786.2	773.4	771.2
27.5°	3884.0	3215.4	1511.4	882.5	788.3	770.2	755.2	744.5	728.4	707.0	704.9
30°	4181.3	3349.1	1380.9	835.4	756.3	738.1	721.0	704.9	681.4	654.6	652.5
32.5°	4531.1	3492.5	1285.7	804.4	727.4	708.1	687.8	668.5	642.9	616.1	617.2
35°	4948.3	3665.7	1230.1	783.0	704.9	679.2	656.8	635.4	616.1	592.6	590.5
37.5°	5400.7	3849.7	1213.0	772.3	689.9	650.4	624.7	609.7	607.6	593.7	592.6
40°	5896.0	4067.9	1225.8	765.9	673.9	622.5	594.7	591.5	596.9	572.3	573.3
42.5°	6420.1	4326.8	1247.2	758.4	651.4	594.7	568.0	568.0	563.7	529.5	529.5
45°	6987.1	4625.2	1268.6	740.2	624.7	566.9	546.6	539.1	520.9	487.8	486.7
47.5°	7558.3	4929.0	1284.7	707.0	592.6	543.4	525.2	508.1	481.3	451.4	450.3
50°	8100.6	5201.8	1267.6	657.8	556.2	520.9	501.7	478.1	449.3	428.9	425.7
52.5°	8585.1	5438.2	1194.8	600.1	517.7	497.4	480.3	455.7	432.1	410.8	408.6
55°	9006.6	5629.7	1066.5	545.5	483.5	477.1	460.0	428.9	396.8	378.7	376.5
57.5°	9410.9	5775.1	906.0	500.6	452.5	454.6	428.9	401.1	371.2	351.9	349.8
60°	9949.0	5969.8	743.4	458.9	419.3	425.7	397.9	377.6	340.2	315.6	312.3
62.5°	10809.0	6272.5	590.5	407.5	380.8	382.9	371.2	346.6	301.6	272.8	270.6
65°	11491.4	6161.3	465.3	351.9	336.9	340.2	340.2	313.4	265.3	232.1	228.9
67.5°	*11414.4*	*5275.6*	*371.2*	*297.4*	*295.2*	*297.4*	*304.9*	*282.4*	*235.3*	*208.6*	*204.3*
70°	10514.8	4196.3	297.4	247.1	256.7	251.4	272.8	257.8	211.8	185.1	181.8
72.5°	8579.8	3022.9	226.8	204.3	196.8	205.4	246.0	232.1	176.5	146.5	143.3
75°	5013.5	1613.1	169.0	161.5	142.3	171.1	218.2	197.9	134.8	108.0	104.8
77.5°	1632.3	562.6	124.1	118.7	105.9	138.0	186.1	166.9	110.2	85.6	82.4
80°	437.5	170.1	84.5	78.1	68.5	102.7	147.6	132.6	79.2	55.6	54.6
82.5°	175.4	71.7	49.2	43.9	37.4	70.6	116.6	107.0	58.8	35.3	35.3
85°	56.7	23.5	18.2	13.9	17.1	43.9	69.5	72.7	41.7	18.2	13.9
87.5°	7.5	3.2	3.2	4.3	3.2	7.5	21.4	20.3	11.8	2.1	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)