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: P1199732

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1199732
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2B-735-U-T2R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II ROADWAY OPTIC
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11468 lumens
Efficiency:	N/A
Efficacy:	155.2 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):	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

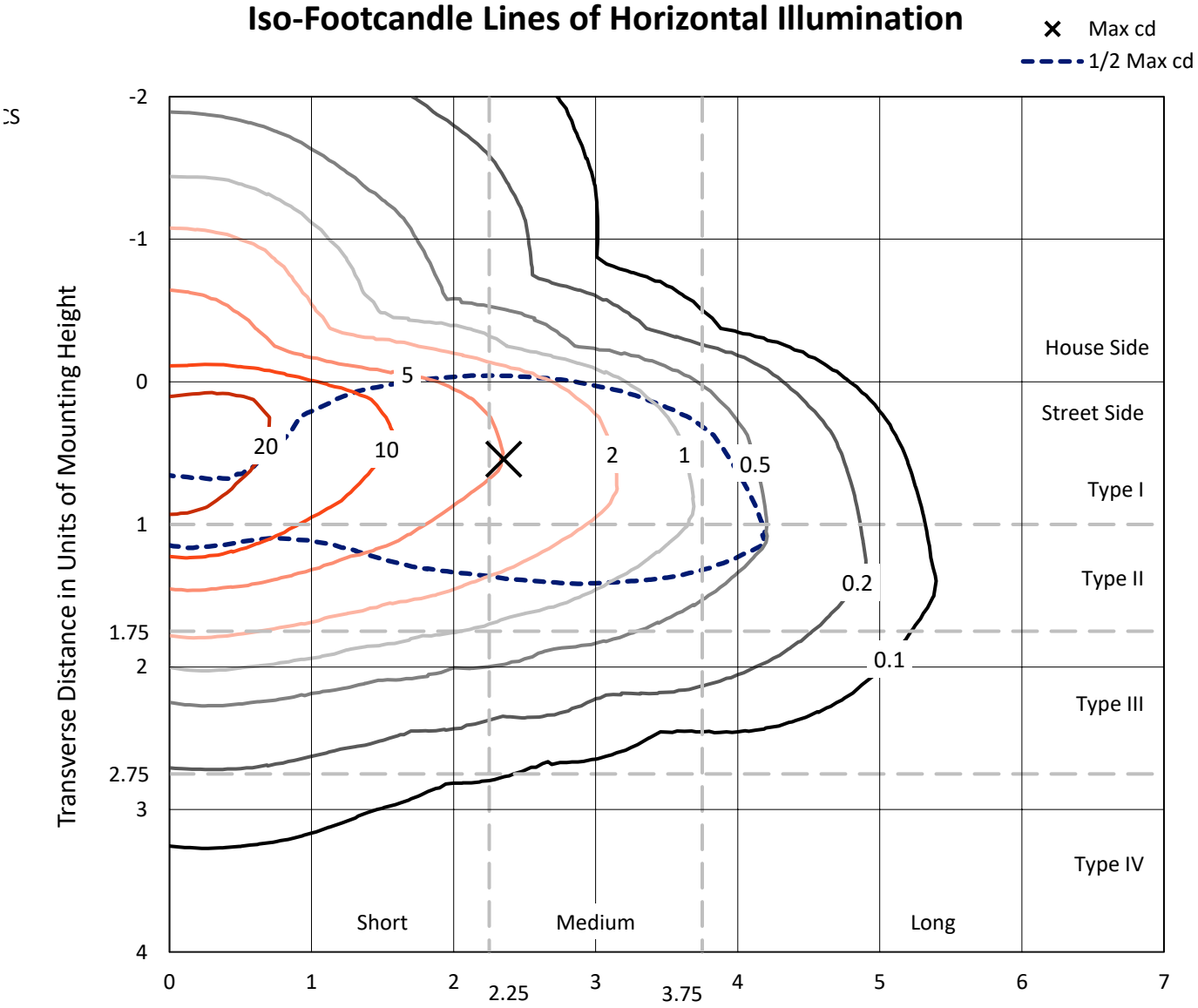


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Iso-Footcandle Lines of Horizontal Illumination



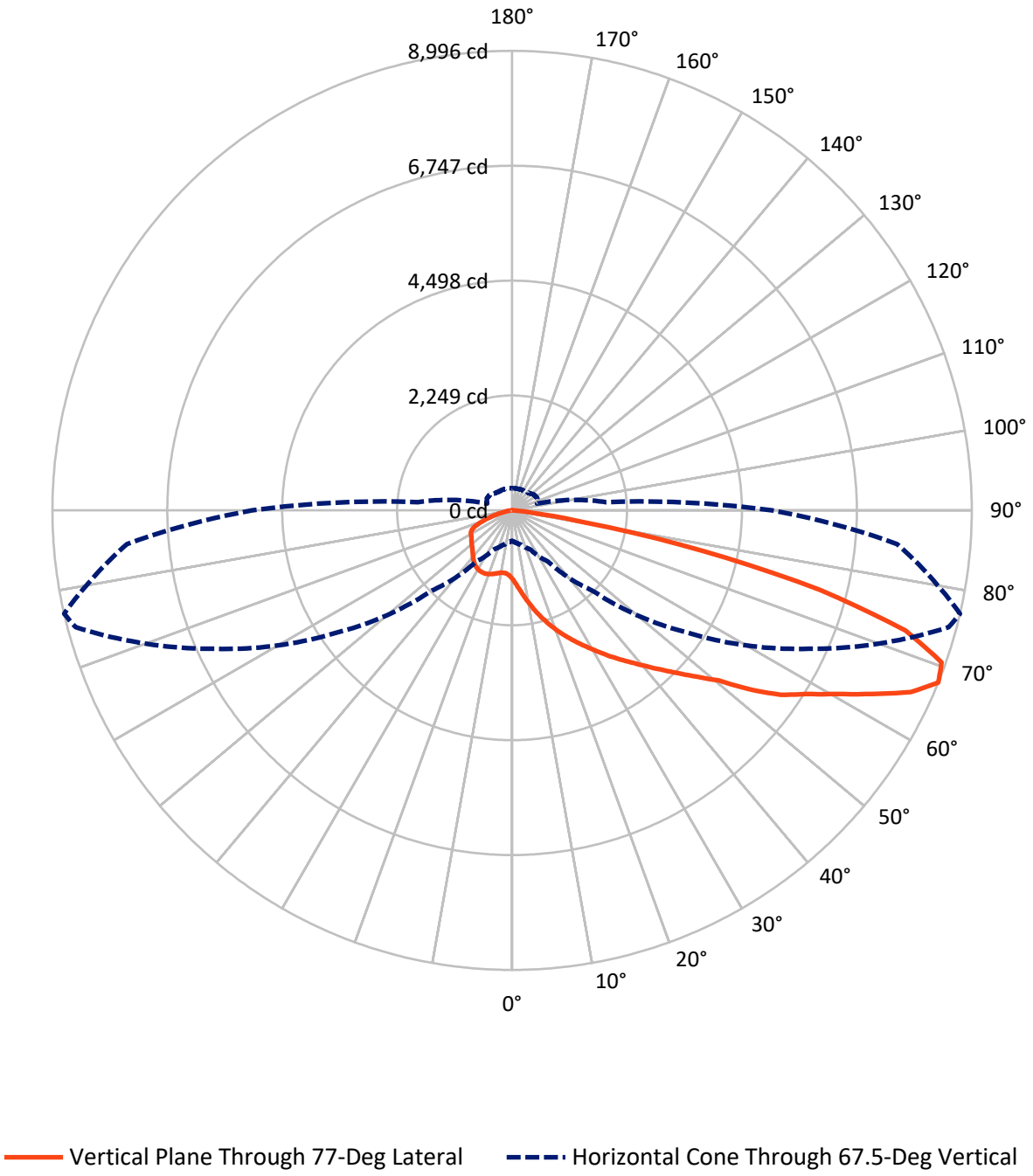
Based on 10 foot mounting height. Maximum calculated value = 26.3 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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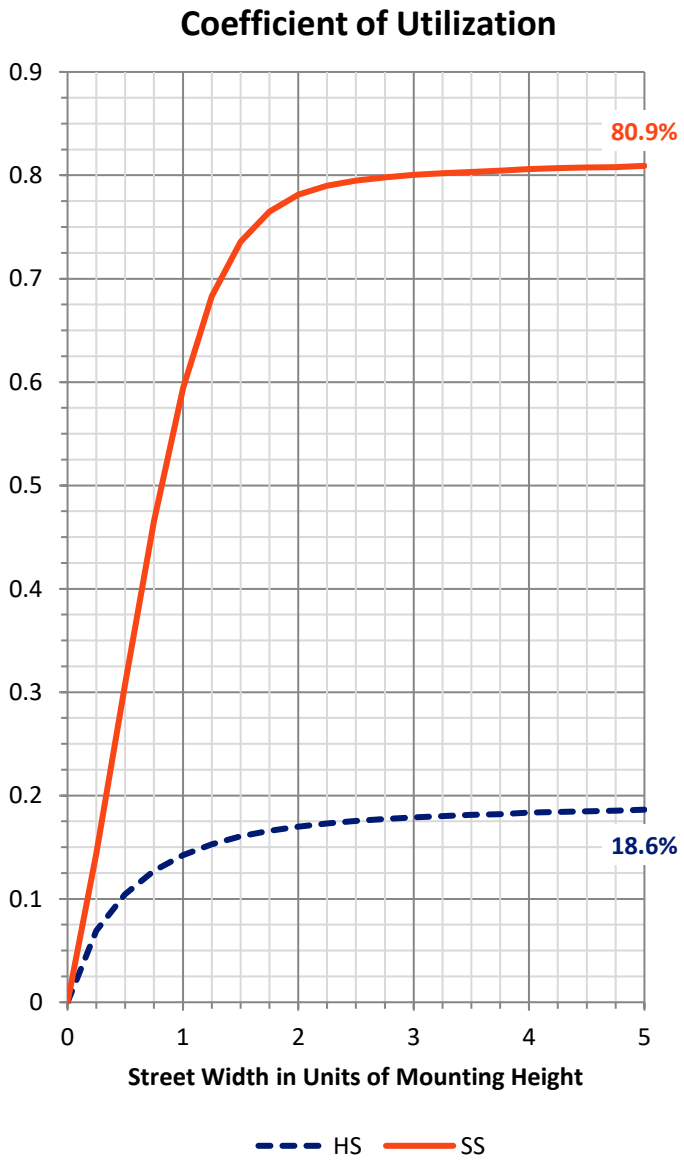
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2169.3	0.0	2169.3
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	9298.7	0.0	9298.7
	% Fixture	81.1	0.0	81.1
Total	Lumens	11468.0	0.0	11468.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.2	1.3
10°-20°	518.1	4.5
20°-30°	978.3	8.5
30°-40°	1576.0	13.7
40°-50°	2155.7	18.8
50°-60°	2431.7	21.2
60°-70°	2269.7	19.8
70°-80°	1244.2	10.8
80°-90°	150.1	1.3
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°	11468.0	100.0
0°-180°	11468.0	100.0



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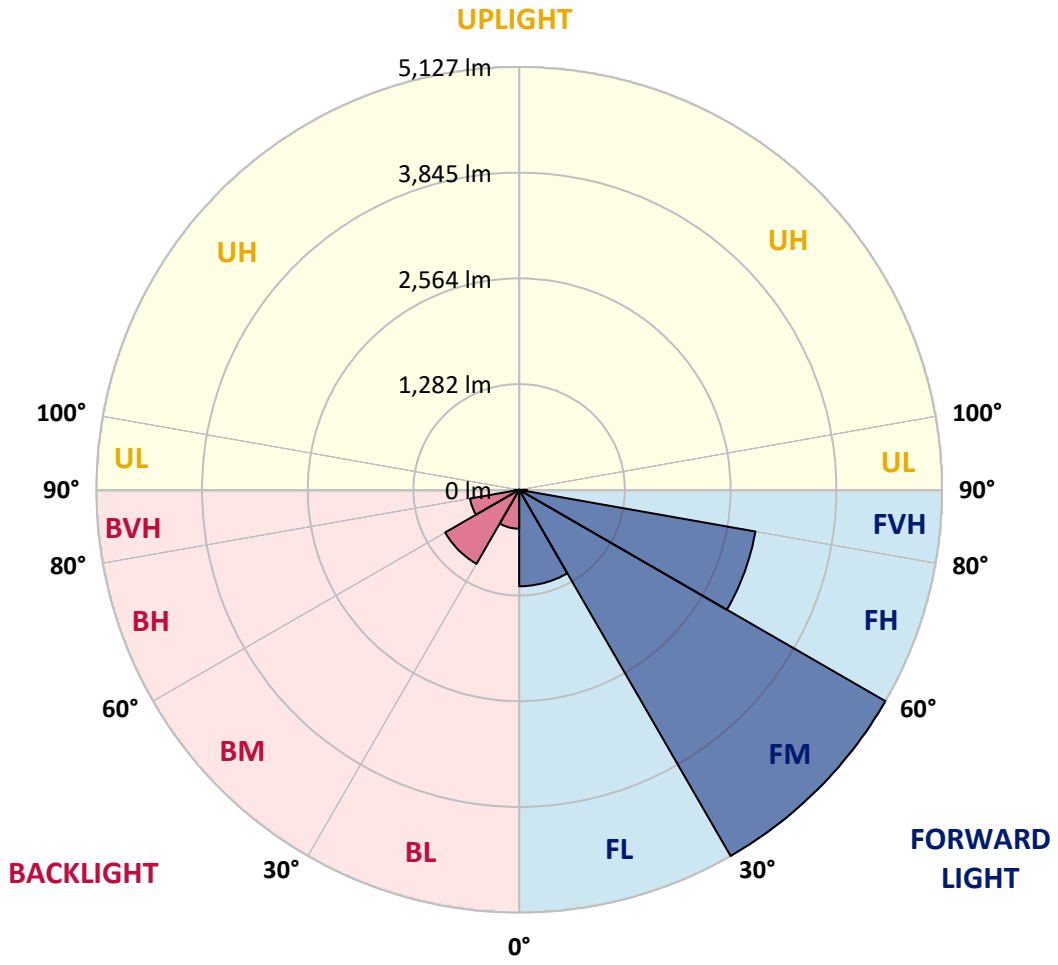
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1169.0	10.2			
FM	(30°-60°)	5127.2	44.7			
FH	(60°-80°)	2908.6	25.4			G2/5000
FVH	(80°-90°)	93.9	0.8			G1/100
BL	(0°-30°)	471.7	4.1	B1/500		
BM	(30°-60°)	1036.2	9.0	B2/2500		
BH	(60°-80°)	605.2	5.3	B2/1000		G2/1000
BVH	(80°-90°)	56.2	0.5			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°	77°	85°
0°	1345.6	1345.6	1345.6	1345.6	1345.6	1345.6	1345.6	1345.6	1345.6	*1345.6*	1345.6
2.5°	1684.8	1696.6	1681.8	1681.8	1632.1	1606.0	1556.3	1518.4	1450.3	*1438.5*	1393.5
5°	1991.4	2006.2	1985.5	1976.6	1918.0	1864.1	1780.7	1698.4	1577.0	*1564.6*	1458.6
7.5°	2228.8	2247.7	2229.4	2219.9	2167.8	2107.4	2009.7	1894.9	1723.8	*1699.6*	1546.2
10°	2422.4	2425.3	2419.4	2422.9	2382.1	2332.4	2232.3	2098.5	1884.8	*1851.7*	1652.2
12.5°	2531.9	2545.5	2557.3	2578.6	2571.5	2540.7	2450.8	2290.9	2055.3	*2012.7*	1767.6
15°	2583.4	2607.0	2633.7	2682.8	2722.5	2730.2	2661.5	2497.5	2228.8	*2177.3*	1884.2
17.5°	2601.7	2624.2	2666.2	2737.3	2822.5	2879.9	2849.2	2698.2	2400.4	*2341.2*	2006.8
20°	2694.7	2701.2	2726.6	2794.1	2886.5	2981.8	3004.9	2891.2	2570.3	*2503.5*	2133.5
22.5°	2893.6	2880.5	2887.6	2918.4	2984.7	3077.1	3129.8	3061.7	2745.0	*2668.0*	2261.3
25°	3222.1	3184.2	3146.3	3110.8	3144.6	3196.6	3256.4	3232.2	2927.9	*2830.2*	2390.4
27.5°	3637.1	3590.9	3507.4	3390.8	3350.0	3368.3	3395.0	3390.2	3097.2	*2998.3*	2523.6
30°	4045.5	3991.7	3892.2	3723.5	3615.8	3567.2	3547.1	3533.5	3281.3	*3175.9*	2658.0
32.5°	4371.7	4329.1	4231.4	4042.6	3886.3	3803.4	3736.5	3688.0	3473.7	*3368.3*	2800.0
35°	4657.0	4617.4	4505.5	4299.5	4129.6	4041.4	3953.8	3850.2	3673.8	*3567.2*	2952.8
37.5°	4917.5	4877.9	4724.5	4510.2	4339.2	4278.2	4200.0	4024.2	3874.5	*3773.8*	3114.4
40°	5082.1	5073.2	4929.9	4687.2	4509.6	4479.5	4453.4	4226.1	4097.0	*4003.5*	3292.0
42.5°	5124.1	5143.6	5030.0	4830.5	4661.2	4636.9	4697.9	4454.6	4346.9	*4257.5*	3493.2
45°	5022.9	5079.1	5004.5	4869.0	4768.9	4755.9	4914.6	4704.4	4623.3	*4541.6*	3735.9
47.5°	4766.6	4861.9	4831.1	4812.1	4797.9	4854.2	5105.2	4969.6	4936.5	*4865.4*	4013.0
50°	4249.2	4429.7	4483.6	4603.2	4740.5	4930.5	5278.6	5259.1	5302.3	*5230.7*	4350.4
52.5°	3354.7	3603.3	3915.9	4215.4	4564.1	4905.1	5469.2	5674.6	5857.0	*5817.9*	4886.7
55°	2769.2	2881.1	3121.5	3670.8	4221.9	4797.9	5555.1	6010.3	6407.5	*6372.6*	5293.4
57.5°	2319.3	2419.4	2567.4	3026.2	3704.6	4554.6	5608.3	6215.1	6784.6	*6781.0*	5694.8
60°	1836.9	1942.9	2094.4	2419.4	3100.2	4134.3	5596.5	6448.4	7265.9	*7295.5*	6184.3
62.5°	1292.3	1408.9	1577.0	1880.1	2482.7	3589.7	5355.0	6617.1	7832.4	*7912.9*	6773.3
65°	849.5	926.4	1053.1	1314.8	1849.9	2889.4	4893.8	6639.0	8438.6	*8574.7*	7326.2
67.5°	*595.5*	*625.1*	*699.7*	*841.8*	*1219.5*	*2215.8*	*4159.2*	*6412.2*	*8842.9*	*8996.2*	*7566.0*
70°	464.7	479.5	517.4	574.2	766.0	1490.0	3187.2	5822.6	8756.5	*8916.3*	7315.6
72.5°	401.4	415.6	429.8	436.9	513.8	919.9	2158.9	4868.4	7942.5	*8050.8*	6360.7
75°	364.1	367.6	379.5	377.1	391.9	596.7	1246.1	3547.1	6266.6	*6229.3*	4695.5
77.5°	306.0	310.8	330.3	327.4	348.1	407.9	647.0	2289.2	4062.7	*3809.3*	2613.6
80°	259.3	261.7	283.0	279.4	302.5	295.4	330.3	1166.8	1723.2	*1459.8*	753.6
82.5°	90.0	111.3	216.1	222.6	230.9	178.8	190.6	475.9	526.3	*403.1*	158.1
85°	43.8	46.8	110.1	156.3	155.7	90.0	92.9	169.9	165.8	*130.2*	52.7
87.5°	7.1	8.9	13.0	61.0	48.5	23.7	32.0	33.2	34.3	*29.6*	11.8
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°	1345.6	1345.6	1345.6	1345.6	1345.6	1345.6	1345.6	1345.6	1345.6	1345.6	1345.6
2.5°	1360.4	1330.8	1268.6	1211.2	1166.2	1123.0	1098.7	1078.0	1066.1	1063.8	1063.8
5°	1397.1	1336.1	1223.0	1127.7	1065.5	1019.4	995.1	979.7	972.0	967.3	966.7
7.5°	1449.7	1360.4	1199.3	1091.0	1025.9	992.7	980.3	977.9	977.3	977.9	979.7
10°	1522.6	1400.0	1197.0	1082.1	1027.7	1009.3	1008.7	1009.3	1011.7	1012.3	1012.9
12.5°	1601.3	1440.9	1206.4	1089.8	1050.2	1040.1	1038.3	1037.7	1039.5	1040.7	1041.3
15°	1687.1	1494.7	1222.4	1106.4	1075.0	1064.4	1062.6	1059.0	1058.4	1057.9	1057.3
17.5°	1775.3	1548.0	1240.2	1124.2	1091.0	1076.2	1069.7	1061.4	1054.9	1053.1	1054.9
20°	1864.7	1600.7	1252.6	1133.0	1092.2	1071.5	1058.4	1044.2	1033.0	1026.5	1028.8
22.5°	1960.0	1655.7	1260.3	1130.7	1081.5	1053.1	1029.4	1012.9	995.7	984.4	985.0
25°	2053.0	1703.7	1259.7	1118.2	1060.8	1024.7	994.5	973.2	949.5	937.7	937.7
27.5°	2142.3	1746.9	1244.9	1096.3	1031.2	991.0	954.9	929.4	906.3	895.1	894.5
30°	2234.7	1783.0	1221.8	1064.4	996.3	951.9	912.2	890.3	869.6	859.0	858.4
32.5°	2326.5	1816.2	1189.3	1024.7	956.0	913.4	874.3	854.2	841.8	841.8	842.4
35°	2423.5	1839.3	1146.1	978.5	913.4	872.6	841.8	829.9	828.8	821.7	819.9
37.5°	2525.9	1854.1	1093.4	931.2	871.4	832.9	823.4	809.2	797.4	782.0	779.6
40°	2633.7	1868.9	1030.0	882.0	827.0	805.7	801.5	782.6	748.8	711.0	705.6
42.5°	2764.5	1878.9	964.3	832.9	780.2	773.1	779.0	746.5	692.6	664.2	664.8
45°	2916.1	1895.5	903.9	784.4	732.3	732.3	757.1	714.5	670.1	652.4	655.3
47.5°	3112.6	1934.0	847.7	731.1	687.9	699.7	708.6	676.0	651.2	629.3	628.7
50°	3396.7	2026.3	789.7	677.2	654.1	677.8	665.4	646.4	617.4	599.7	597.9
52.5°	3749.6	2080.8	738.2	628.7	625.1	648.8	631.0	613.3	591.4	567.7	563.0
55°	3989.9	2090.8	695.0	593.2	605.6	603.2	596.7	580.7	568.9	537.5	538.1
57.5°	4258.6	2111.0	659.5	571.8	593.2	567.1	564.7	551.1	535.7	514.4	507.3
60°	4580.1	2142.3	628.7	563.6	582.5	543.4	531.6	526.3	510.9	500.2	503.2
62.5°	4930.5	2170.8	597.3	564.7	570.1	520.3	502.6	500.8	491.3	487.8	487.8
65°	5169.7	2093.2	558.2	563.6	550.5	496.7	474.2	473.6	465.9	464.7	464.1
67.5°	*5086.2*	*1847.5*	*505.5*	*547.0*	*530.4*	*473.0*	*448.1*	*445.8*	*435.7*	*436.3*	*436.3*
70°	4668.3	1497.1	432.7	506.1	505.5	451.7	420.9	413.2	399.6	401.9	404.3
72.5°	3884.5	1109.4	335.1	438.1	465.9	432.1	389.5	377.1	359.9	362.3	361.7
75°	2805.4	754.2	243.9	333.3	405.5	409.1	358.7	337.4	316.7	320.3	321.4
77.5°	1435.5	427.4	179.4	229.7	318.5	371.8	330.9	302.5	297.8	330.9	326.2
80°	468.2	214.3	124.3	161.0	209.0	304.3	290.1	257.5	256.3	264.0	226.7
82.5°	139.7	90.6	79.9	106.0	115.4	233.2	250.4	194.8	167.5	176.4	182.3
85°	47.9	43.8	45.6	52.7	55.1	136.7	175.2	129.0	121.9	134.4	132.6
87.5°	11.2	15.4	13.0	11.8	11.8	33.2	68.1	53.9	74.6	49.7	47.9
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)