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: P1202264

Luminaire Tested: GWC-SB1D-735-U-T4FT-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202264
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-25)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1D-735-U-T4FT-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV FORWARD THROW OPT WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7746 lumens
Efficiency:	N/A
Efficacy:	97.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
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

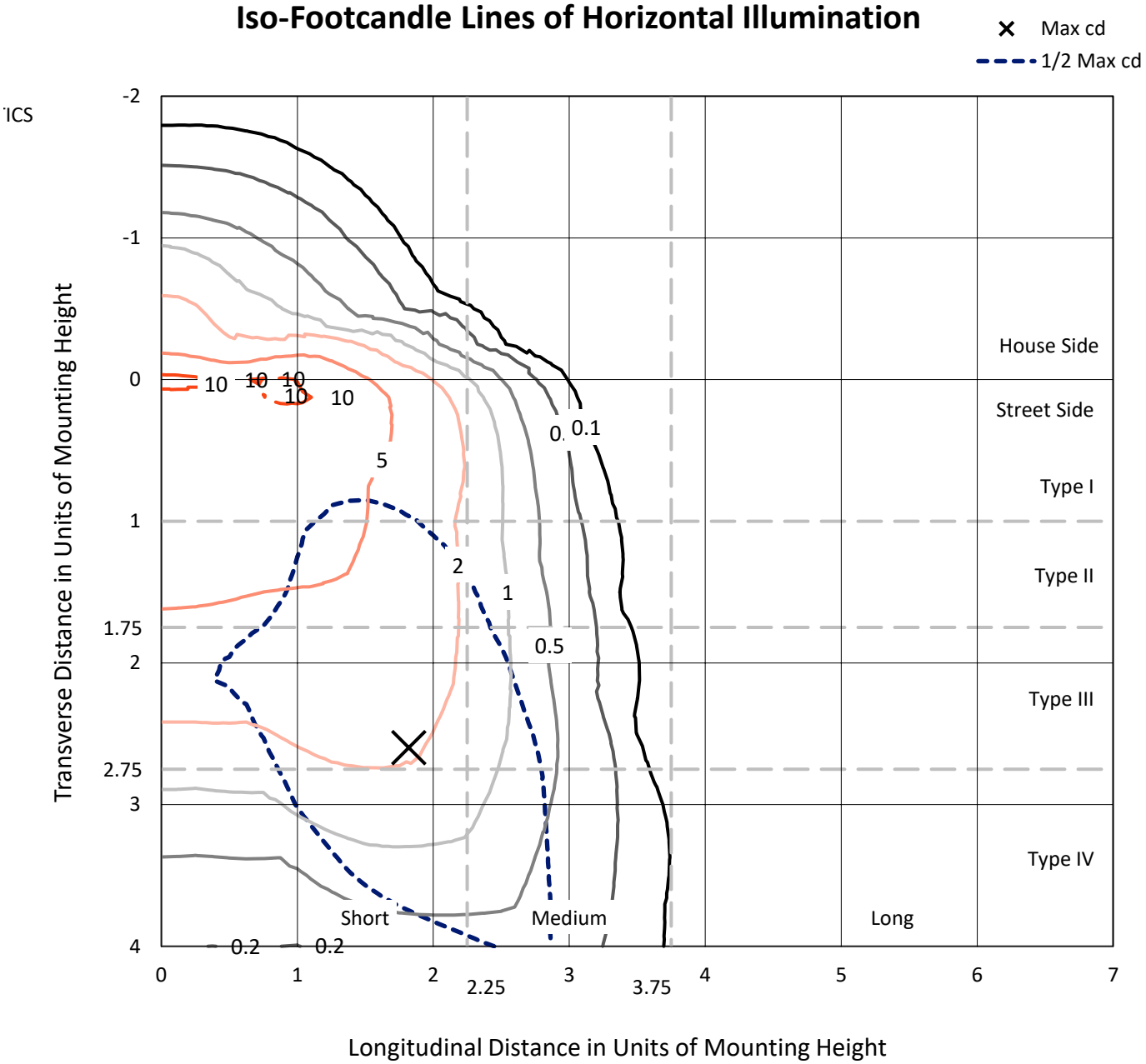


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Iso-Footcandle Lines of Horizontal Illumination



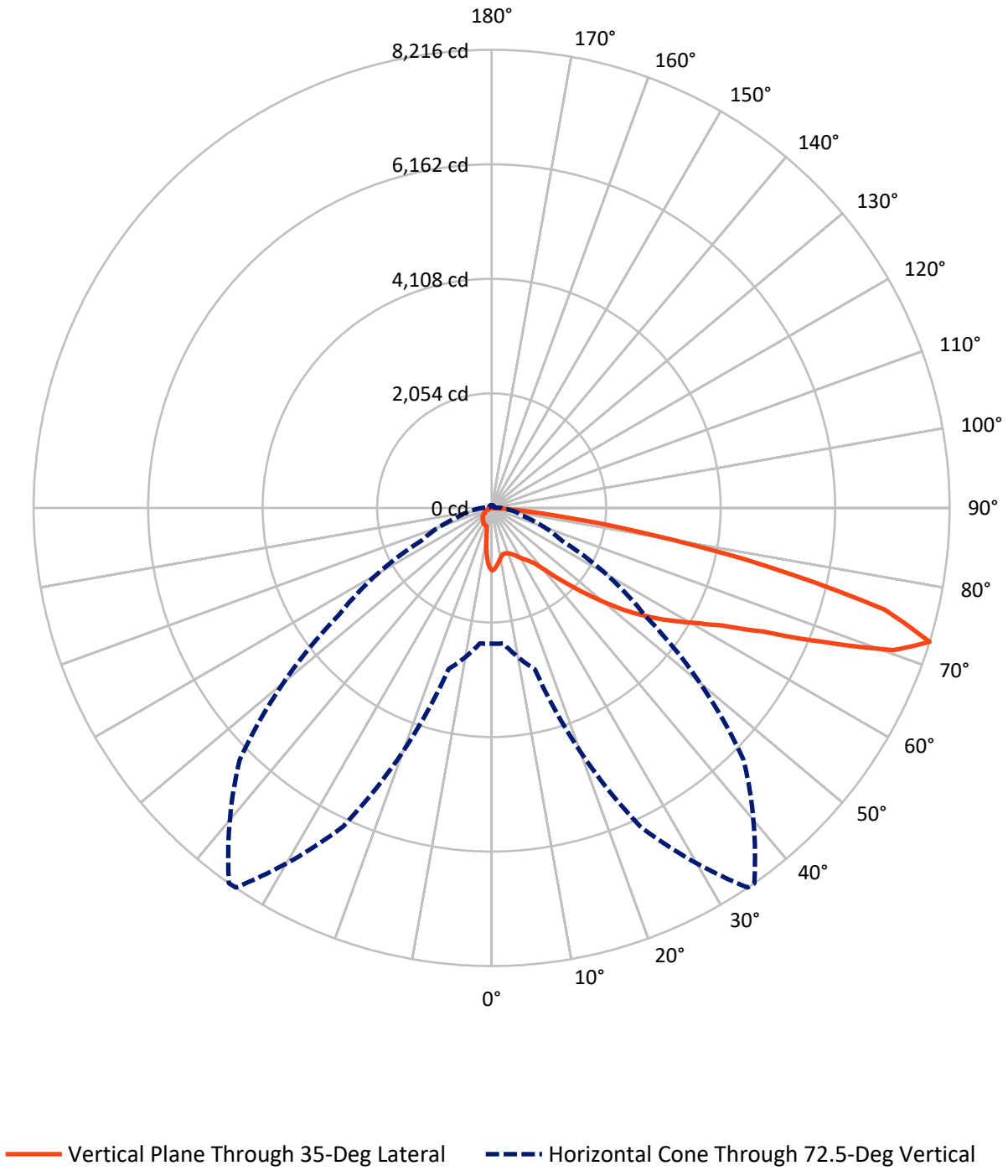
Based on 10 foot mounting height. Maximum calculated value = 11.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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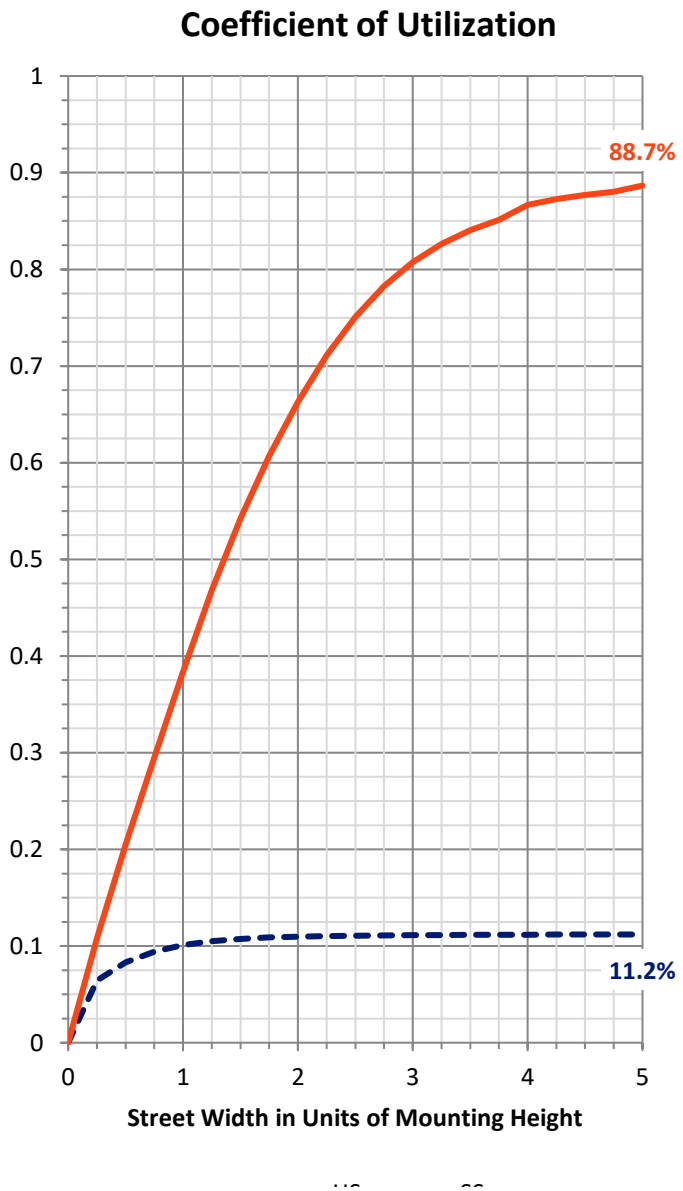
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	871.8	0.0	871.8
	% Fixture	11.3	0.0	11.3
Street Side	Lumens	6874.2	0.0	6874.2
	% Fixture	88.7	0.0	88.7
Total	Lumens	7746.0	0.0	7746.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.3	1.2
10°-20°	215.8	2.8
20°-30°	350.6	4.5
30°-40°	584.9	7.6
40°-50°	1106.7	14.3
50°-60°	1758.6	22.7
60°-70°	2175.5	28.1
70°-80°	1352.3	17.5
80°-90°	109.3	1.4
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°	7746.0	100.0
0°-180°	7746.0	100.0



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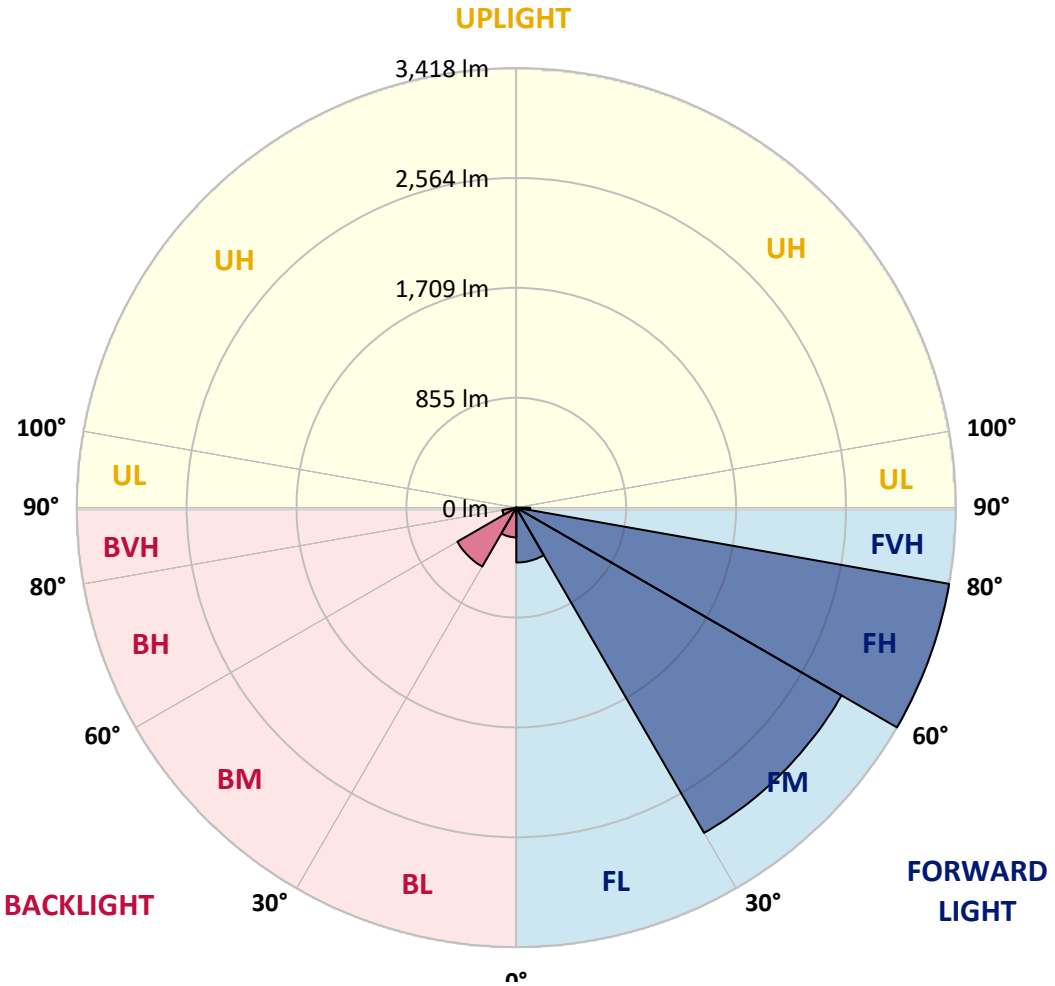
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	427.0	5.5			
FM	(30°-60°)	2921.0	37.7			
FH	(60°-80°)	3418.4	44.1			G2/5000
FVH	(80°-90°)	107.8	1.4			G2/225
BL	(0°-30°)	231.6	3.0	B1/500		
BM	(30°-60°)	529.3	6.8	B1/1000		
BH	(60°-80°)	109.4	1.4	B0/110		G0/110
BVH	(80°-90°)	1.5	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	1122.7	1122.7	1122.7	1122.7	1122.7	*1122.7*	1122.7	1122.7	1122.7	1122.7	1122.7
2.5°	1072.7	1081.8	1083.5	1086.3	1086.3	*1089.7*	1095.4	1103.4	1116.4	1123.2	1127.8
5°	988.7	995.5	1004.0	1010.8	1023.9	*1025.6*	1047.7	1069.3	1099.4	1122.1	1138.0
7.5°	904.1	912.1	923.4	939.9	956.9	*962.0*	995.5	1031.8	1079.5	1122.1	1148.8
10°	844.5	845.1	855.3	871.8	899.0	*905.3*	946.1	997.8	1057.4	1115.3	1159.0
12.5°	811.1	815.0	819.6	832.1	858.2	*862.1*	905.8	966.6	1035.2	1111.3	1170.9
15°	811.1	813.9	816.7	823.0	844.0	*847.4*	886.0	946.7	1023.9	1113.0	1190.2
17.5°	819.6	824.1	821.8	829.2	851.4	*853.6*	887.7	941.0	1023.3	1123.8	1219.7
20°	840.0	843.4	838.9	843.4	865.5	*870.1*	905.3	951.8	1033.0	1142.5	1256.6
22.5°	872.4	874.1	863.3	866.7	889.4	*895.1*	935.9	982.5	1056.2	1172.6	1306.0
25°	913.2	916.6	900.2	904.1	925.7	*932.5*	979.6	1028.4	1093.1	1214.0	1369.0
27.5°	960.3	962.0	947.8	947.3	975.1	*984.7*	1032.4	1085.2	1142.5	1266.3	1448.4
30°	1014.2	1019.4	1005.7	1003.5	1038.7	*1046.6*	1093.7	1155.0	1215.2	1344.6	1561.4
32.5°	1056.8	1060.8	1052.8	1058.5	1094.3	*1100.5*	1168.1	1253.8	1329.3	1455.8	1715.2
35°	1118.1	1120.4	1102.2	1112.4	1153.3	*1169.2*	1269.7	1392.3	1472.8	1595.4	1916.1
37.5°	1340.0	1340.0	1262.8	1212.3	1251.5	*1265.7*	1408.7	1566.5	1649.9	1782.7	2169.3
40°	1647.1	1642.0	1529.0	1425.7	1420.6	*1448.4*	1606.8	1786.1	1878.7	2007.5	2454.2
42.5°	1974.6	1966.6	1812.8	1710.7	1693.6	*1703.3*	1835.5	2056.9	2151.1	2281.6	2760.7
45°	2265.2	2262.9	2122.1	1984.8	1954.1	*1984.8*	2121.0	2373.6	2441.1	2578.5	3066.6
47.5°	2508.7	2508.7	2405.9	2316.3	2300.4	*2318.5*	2507.5	2724.9	2718.7	2894.6	3364.6
50°	2789.0	2786.8	2689.2	2650.6	2667.0	*2692.6*	2952.5	3095.0	3005.9	3205.1	3630.8
52.5°	2985.4	2999.0	2965.6	2959.3	3043.3	*3087.6*	3404.3	3457.1	3263.0	3499.6	3830.0
55°	3140.9	3156.8	3195.4	3239.1	3400.9	*3458.8*	3841.9	3800.5	3478.1	3755.0	3944.6
57.5°	3361.2	3338.5	3398.0	3484.3	3746.0	*3815.8*	4265.9	4124.5	3651.2	3962.2	3957.1
60°	3628.5	3631.9	3642.1	3751.1	4090.5	*4180.2*	4683.6	4431.0	3762.4	4089.3	3818.6
62.5°	3949.7	3954.8	3975.8	4143.3	4553.1	*4637.6*	5128.6	4681.9	3813.5	4053.6	3461.0
65°	3927.6	3949.2	4183.6	4756.2	5256.3	*5339.7*	5647.9	4857.8	3736.3	3726.7	2818.0
67.5°	3578.0	3613.2	4005.3	5488.4	6316.5	*6409.6*	6275.6	4892.5	3403.2	2898.0	1838.4
70°	3119.4	3131.9	3603.5	6146.8	7544.2	*7638.4*	6837.5	4511.6	2582.4	1616.4	823.5
72.5°	*2436.0*	*2438.9*	*2992.2*	*6299.5*	*8210.5*	*8215.6*	*6396.5*	*3349.2*	*1388.8*	*620.9*	*286.1*
75°	1740.2	1723.1	2004.1	5108.7	7223.5	*7281.4*	4795.4	1571.0	530.7	293.4	142.5
77.5°	933.1	951.8	1134.0	3029.7	4990.1	*5088.8*	2616.5	452.9	270.2	199.8	94.2
80°	288.3	304.2	464.8	1387.1	2826.5	*2886.1*	970.0	201.5	188.4	142.5	61.9
82.5°	90.8	94.2	216.8	582.9	1173.2	*1200.4*	280.9	114.1	128.8	94.2	36.3
85°	26.1	26.7	96.5	217.4	290.0	*295.7*	78.9	44.3	73.8	58.5	18.7
87.5°	2.8	9.1	36.3	36.3	25.5	*25.0*	8.5	9.6	21.0	7.4	3.4
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°	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7	1122.7
2.5°	1124.9	1125.5	1118.1	1105.6	1092.0	1080.7	1066.5	1055.1	1047.2	1044.9	1048.9
5°	1132.9	1128.9	1107.9	1069.9	1024.5	985.3	941.6	907.0	884.3	874.6	878.0
7.5°	1144.8	1133.4	1087.5	1012.5	925.7	848.5	770.2	709.5	670.9	651.6	654.4
10°	1155.0	1132.3	1053.4	929.7	796.9	679.9	574.4	501.2	460.3	441.0	441.6
12.5°	1164.7	1131.7	1009.1	831.5	651.6	508.5	410.4	374.0	362.7	358.7	357.6
15°	1182.8	1133.4	953.5	719.1	506.8	384.2	348.5	347.9	350.2	349.1	348.5
17.5°	1207.8	1135.1	890.5	599.9	391.1	338.8	337.1	342.2	345.7	343.9	343.4
20°	1240.1	1142.0	823.5	481.9	336.0	327.5	331.5	336.0	338.8	336.0	335.4
22.5°	1285.5	1153.9	750.3	387.1	318.4	320.7	324.1	329.2	332.0	328.1	327.5
25°	1341.2	1172.6	678.2	336.6	309.9	312.7	317.8	323.5	326.9	322.9	322.4
27.5°	1413.3	1202.7	611.8	325.2	301.4	303.1	310.5	319.0	323.5	318.4	318.4
30°	1517.7	1252.1	554.5	330.3	296.3	292.3	302.5	314.4	319.5	315.0	314.4
32.5°	1656.2	1321.9	519.3	338.3	294.0	279.8	289.5	304.8	313.3	310.5	310.5
35°	1837.8	1428.0	505.7	347.4	292.3	266.8	273.6	290.0	304.8	307.6	307.6
37.5°	2058.0	1575.6	509.7	351.3	287.2	256.0	259.4	273.6	292.9	301.9	304.2
40°	2308.3	1747.6	532.4	347.4	281.5	246.9	247.5	258.2	275.3	288.9	293.4
42.5°	2566.6	1948.5	574.4	332.6	276.4	238.9	237.2	244.6	256.0	265.6	269.6
45°	2812.3	2155.1	615.8	312.2	270.2	231.0	227.0	229.9	232.1	236.1	238.4
47.5°	3026.9	2300.4	603.9	293.4	261.7	221.9	215.1	214.0	207.2	206.6	206.0
50°	3175.0	2332.1	536.4	274.7	249.2	211.7	200.9	194.1	182.2	176.5	177.1
52.5°	3222.1	2206.7	438.2	256.0	228.7	198.1	182.8	172.0	157.2	152.1	151.5
55°	3159.7	1961.0	350.2	233.3	200.4	179.9	162.9	148.7	136.8	130.5	130.5
57.5°	3007.0	1648.2	277.0	206.6	170.3	159.5	142.5	128.3	118.1	111.8	110.7
60°	2753.9	1308.8	219.1	174.8	145.3	137.4	119.8	110.7	101.6	94.2	92.5
62.5°	2369.6	934.2	172.0	138.5	121.5	112.4	102.2	95.4	84.6	74.4	72.6
65°	1849.1	571.5	132.8	101.6	97.6	93.1	86.8	80.6	67.5	57.3	55.6
67.5°	1166.4	270.7	94.8	76.6	77.2	74.9	72.1	67.0	57.3	48.2	47.1
70°	513.7	131.1	62.4	58.5	57.3	57.3	59.6	57.9	48.8	40.3	38.6
72.5°	*174.8*	*70.4*	*46.5*	*44.3*	*41.4*	*40.9*	*49.9*	*48.2*	*39.2*	*31.2*	*29.5*
75°	91.4	47.1	34.1	31.8	25.0	30.1	39.7	37.5	27.8	20.4	18.7
77.5°	59.6	33.5	23.3	20.4	14.2	19.9	29.5	26.1	16.5	10.2	9.1
80°	37.5	22.1	13.6	9.6	6.8	10.8	15.9	11.4	6.2	2.3	1.7
82.5°	19.9	11.4	5.1	3.4	2.8	3.4	4.0	2.8	1.1	0.0	0.0
85°	7.9	4.0	1.7	1.1	0.6	0.0	1.1	0.6	0.0	0.0	0.0
87.5°	2.8	0.6	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


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(END OF REPORT)