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: P1202637

Luminaire Tested: GWC-SB2A-735-U-T3

Issue Date: 10/30/2025

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202637
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2A-735-U-T3
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8975 lumens
Efficiency:	N/A
Efficacy:	156.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

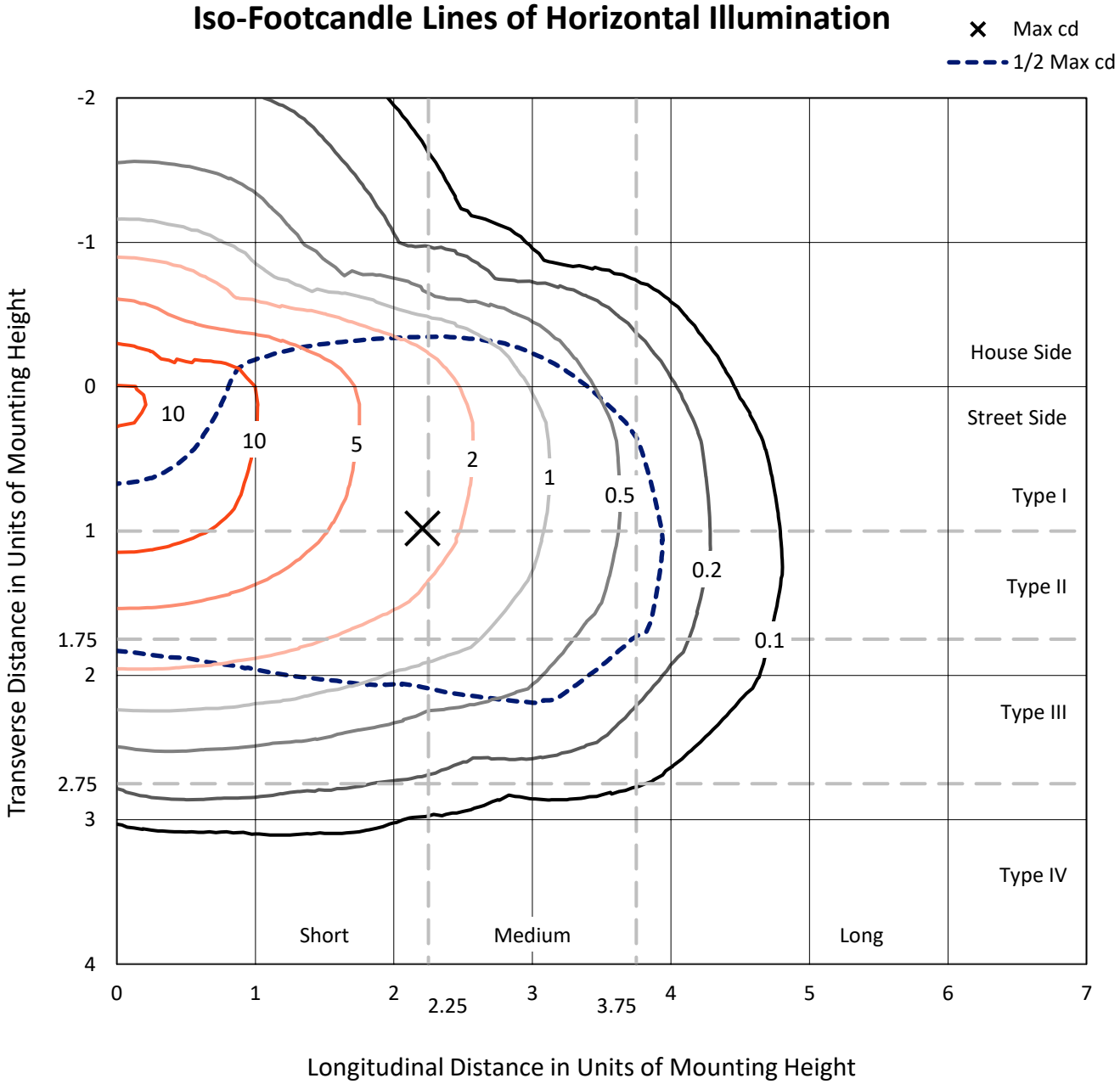


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Iso-Footcandle Lines of Horizontal Illumination



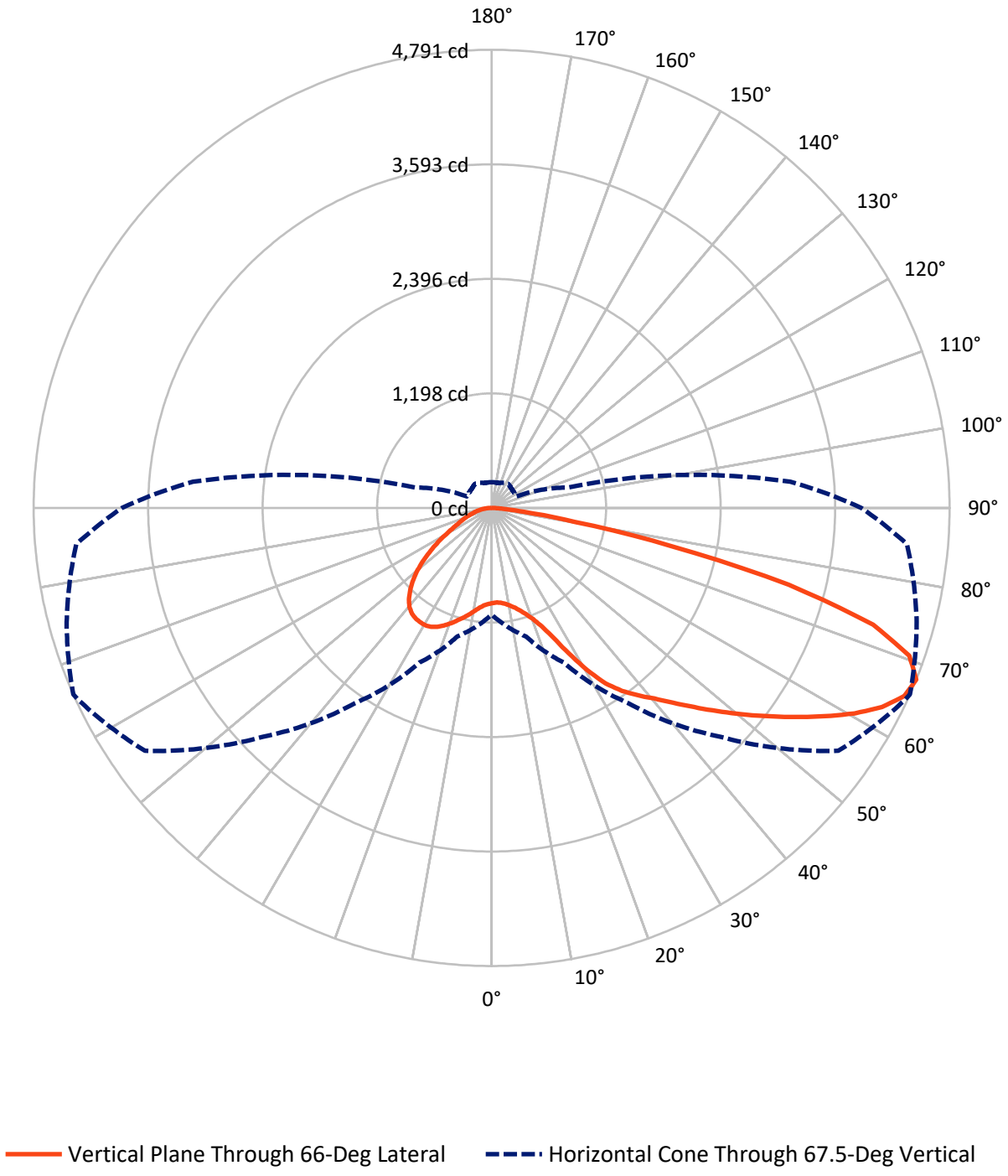
Based on 10 foot mounting height. Maximum calculated value = 14.1 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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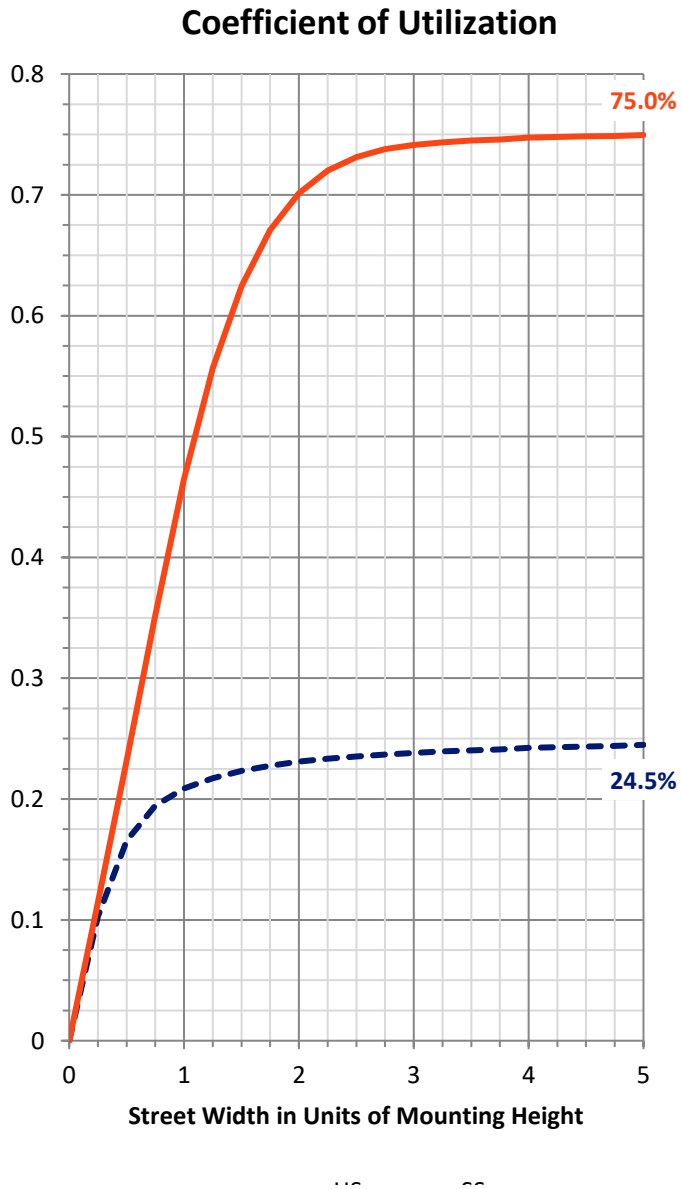
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2231.6	0.0	2231.6
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	6743.4	0.0	6743.4
	% Fixture	75.1	0.0	75.1
Total	Lumens	8975.0	0.0	8975.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.7	1.1
10°-20°	326.1	3.6
20°-30°	628.5	7.0
30°-40°	1102.0	12.3
40°-50°	1638.3	18.3
50°-60°	2076.7	23.1
60°-70°	2032.0	22.6
70°-80°	969.3	10.8
80°-90°	103.6	1.2
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°	8975.0	100.0
0°-180°	8975.0	100.0



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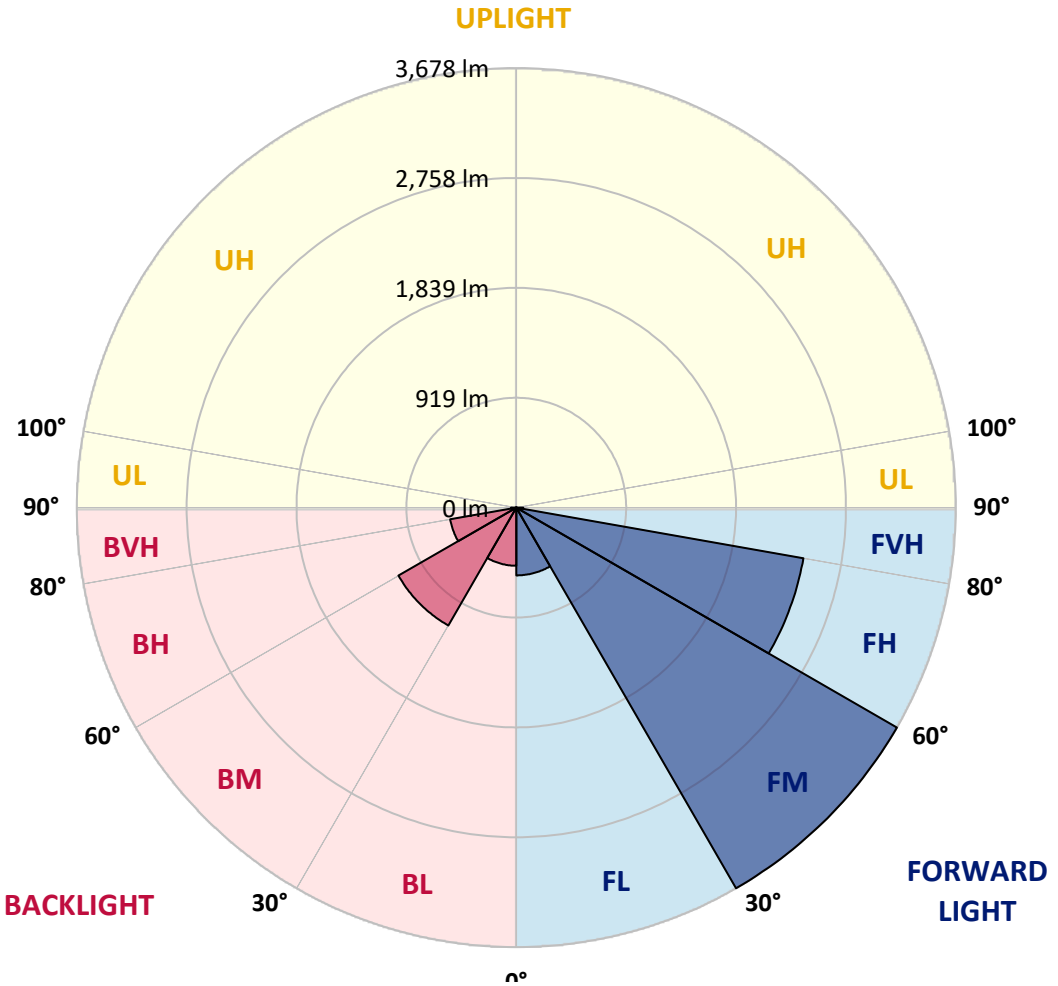
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	567.1	6.3			
FM	(30°-60°)	3677.9	41.0			
FH	(60°-80°)	2439.6	27.2			G2/5000
FVH	(80°-90°)	58.7	0.7			G1/100
BL	(0°-30°)	486.1	5.4	B1/500		
BM	(30°-60°)	1139.0	12.7	B2/2500		
BH	(60°-80°)	561.6	6.3	B2/1000		G2/1000
BVH	(80°-90°)	44.9	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	995.4	995.4	995.4	995.4	995.4	995.4	995.4	995.4	*995.4*	995.4	995.4
2.5°	985.1	990.7	989.3	987.0	986.5	987.4	988.8	990.3	*989.8*	992.1	995.9
5°	982.2	987.9	987.4	987.4	989.3	993.1	995.4	997.8	*995.4*	998.3	1003.5
7.5°	984.1	988.4	990.3	992.1	996.9	1003.9	1009.6	1014.8	*1012.0*	1015.3	1021.9
10°	1008.2	1011.5	1013.4	1013.4	1016.7	1024.7	1030.3	1039.8	*1037.4*	1042.6	1051.1
12.5°	1052.0	1055.3	1055.3	1053.4	1055.8	1061.0	1062.9	1073.3	*1069.0*	1077.5	1086.0
15°	1105.8	1112.4	1107.2	1103.9	1104.8	1110.0	1109.6	1117.6	*1113.3*	1120.4	1128.0
17.5°	1165.2	1173.7	1165.2	1164.7	1162.8	1168.5	1169.0	1176.1	*1168.5*	1173.7	1178.9
20°	1235.5	1247.3	1240.2	1242.5	1238.3	1240.7	1243.0	1253.4	*1241.6*	1245.4	1244.0
22.5°	1334.5	1348.6	1341.1	1350.1	1347.2	1345.3	1344.9	1363.3	*1344.9*	1346.3	1332.6
25°	1478.8	1495.8	1482.6	1494.8	1494.8	1500.9	1508.0	1531.6	*1500.9*	1492.0	1456.6
27.5°	1691.9	1708.9	1683.0	1690.5	1688.2	1703.2	1695.7	1754.2	*1721.2*	1706.5	1635.3
30°	1948.5	1978.6	1929.6	1927.7	1925.3	1949.4	1960.2	1998.9	*1965.4*	1950.8	1865.0
32.5°	2225.7	2257.3	2198.8	2181.9	2172.9	2187.5	2178.6	2209.7	*2186.6*	2164.0	2057.9
35°	2519.0	2550.2	2494.5	2461.5	2425.7	2395.0	2362.9	2371.0	*2349.3*	2314.8	2205.0
37.5°	2796.3	2853.4	2794.4	2759.1	2693.0	2633.1	2543.6	2506.3	*2486.0*	2454.4	2343.6
40°	3078.8	3111.3	3066.5	3036.3	2964.6	2870.8	2727.5	2648.7	*2621.4*	2590.7	2496.9
42.5°	3286.7	3317.8	3293.8	3273.0	3216.9	3108.0	2922.7	2824.1	*2784.5*	2750.1	2670.4
45°	3451.8	3474.9	3459.8	3467.3	3443.3	3337.6	3125.0	3012.3	*2971.2*	2929.3	2866.6
47.5°	3518.2	3542.8	3566.8	3611.6	3652.6	3574.8	3342.4	3216.0	*3172.6*	3129.7	3067.9
50°	3510.7	3535.7	3605.5	3700.7	3828.1	3802.1	3571.5	3432.9	*3392.8*	3343.8	3286.7
52.5°	3450.3	3478.6	3568.2	3726.7	3929.4	3972.4	3805.0	3656.9	*3619.2*	3560.7	3503.6
55°	3291.9	3308.9	3443.3	3667.7	3953.5	4091.2	4033.7	3895.5	*3857.8*	3776.2	3713.9
57.5°	2998.1	3022.6	3218.3	3508.8	3893.1	4171.8	4234.5	4146.4	*4110.0*	3992.6	3927.6
60°	2614.8	2653.9	2877.9	3241.9	3739.4	4171.3	4417.0	4393.0	*4362.8*	4205.8	4137.9
62.5°	2180.9	2226.2	2441.7	2864.7	3470.6	4053.0	4531.1	4599.5	*4584.0*	4402.4	4315.6
65°	1675.0	1706.1	1920.6	2376.6	3052.4	3798.8	4544.3	4740.5	*4743.3*	4551.9	4408.5
67.5°	*1115.2*	*1204.8*	*1391.1*	*1783.4*	*2492.2*	*3383.4*	*4428.3*	*4763.6*	*4791.0*	*4603.3*	*4361.9*
70°	544.2	662.1	844.5	1159.1	1783.4	2746.3	4125.1	4574.1	*4634.9*	4453.3	4083.6
72.5°	225.9	264.1	363.6	572.0	1023.7	1853.2	3515.9	4060.1	*4172.8*	3945.9	3433.4
75°	152.3	165.0	208.0	293.3	466.4	913.9	2535.5	3027.4	*3208.9*	2980.2	2436.0
77.5°	117.4	125.4	151.4	205.1	277.3	345.6	1357.1	1824.4	*1918.3*	1775.9	1267.5
80°	92.4	98.6	113.2	149.5	196.6	184.8	462.6	826.6	*880.9*	738.9	407.4
82.5°	80.2	82.5	81.1	101.4	130.6	108.0	151.8	305.1	*336.7*	244.3	133.0
85°	58.0	64.6	67.4	62.7	69.3	54.7	62.2	108.0	*118.8*	106.1	75.0
87.5°	23.6	34.9	42.9	40.6	25.5	15.6	19.3	31.6	*36.3*	39.6	24.5
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°	995.4	995.4	995.4	995.4	995.4	995.4	995.4	995.4	995.4	995.4	995.4
2.5°	996.4	999.7	1002.0	1004.9	1006.8	1009.6	1015.3	1018.6	1019.0	1021.4	1020.9
5°	1005.3	1010.1	1015.3	1022.8	1031.3	1038.4	1049.2	1056.7	1059.6	1061.9	1061.5
7.5°	1024.7	1031.3	1040.7	1053.9	1066.2	1075.6	1088.8	1097.8	1106.7	1110.0	1110.5
10°	1053.4	1062.9	1076.6	1094.5	1107.7	1119.9	1133.6	1141.2	1150.1	1153.9	1155.8
12.5°	1089.3	1099.2	1117.1	1142.1	1154.4	1162.8	1167.6	1165.7	1167.6	1170.9	1171.8
15°	1130.3	1141.2	1161.4	1188.3	1196.8	1189.3	1178.9	1169.4	1168.0	1169.0	1172.3
17.5°	1178.9	1186.9	1210.5	1233.1	1227.0	1195.9	1173.2	1158.1	1150.6	1148.2	1151.5
20°	1246.8	1246.8	1266.1	1280.3	1239.2	1186.4	1151.1	1126.5	1111.0	1104.4	1103.0
22.5°	1329.3	1321.8	1334.0	1324.1	1236.9	1160.0	1111.0	1068.5	1045.0	1035.5	1034.1
25°	1434.0	1425.0	1421.7	1360.4	1219.9	1118.0	1038.4	987.0	966.2	961.0	962.0
27.5°	1592.0	1569.3	1526.4	1380.2	1188.8	1052.0	953.5	905.9	894.1	894.5	895.9
30°	1802.3	1757.0	1651.8	1383.5	1137.9	958.7	866.7	832.8	827.1	829.5	837.5
32.5°	1997.0	1954.1	1780.1	1368.4	1059.6	867.2	788.9	766.3	757.8	760.6	764.4
35°	2149.8	2138.0	1898.9	1347.2	963.4	781.4	719.1	699.8	683.3	679.5	682.3
37.5°	2294.1	2289.4	1988.1	1317.5	868.1	720.5	663.0	637.5	613.5	600.3	600.8
40°	2452.5	2447.8	2046.5	1271.8	783.7	667.7	612.5	579.1	549.4	525.3	527.7
42.5°	2630.8	2603.0	2074.4	1206.2	712.0	622.9	571.5	526.3	487.1	465.0	466.4
45°	2825.5	2762.8	2073.9	1122.8	651.7	581.9	527.7	463.5	427.2	406.5	405.5
47.5°	3032.1	2915.6	2048.4	1030.3	593.2	536.6	459.8	410.7	386.7	373.9	371.1
50°	3245.2	3058.5	2005.0	924.2	533.3	485.2	417.3	383.8	365.5	353.7	349.4
52.5°	3445.6	3188.2	1952.7	804.0	472.5	435.2	398.5	372.5	353.2	340.0	334.3
55°	3631.9	3299.9	1878.7	680.9	423.0	401.8	389.5	367.8	345.6	330.1	324.0
57.5°	3797.4	3372.5	1750.9	565.4	387.6	378.7	380.1	359.8	334.3	321.1	312.6
60°	3935.1	3425.8	1561.8	458.3	358.9	356.0	365.5	344.7	315.0	299.9	293.3
62.5°	4017.6	3424.9	1329.8	375.4	334.3	335.3	346.1	325.8	295.7	281.5	277.3
65°	4010.5	3340.9	1075.1	321.1	310.8	311.7	325.8	305.1	279.6	271.1	270.7
67.5°	*3868.6*	*3136.3*	*824.7*	*285.8*	*284.8*	*289.1*	*305.6*	*290.9*	*269.7*	*268.8*	*270.2*
70°	3484.3	2711.4	594.2	257.5	257.9	264.1	285.8	282.0	264.5	266.4	266.0
72.5°	2793.9	2067.3	398.9	227.8	228.2	238.1	266.9	274.9	259.4	284.3	288.1
75°	1860.7	1289.2	256.5	196.2	196.6	209.4	250.4	261.2	245.2	283.4	285.8
77.5°	894.1	579.5	185.8	165.0	165.0	176.8	216.4	233.9	208.9	220.2	201.8
80°	308.9	217.9	146.2	133.0	130.1	138.2	182.5	202.8	180.1	166.0	155.6
82.5°	121.7	113.2	117.4	103.3	93.8	99.0	141.9	167.4	132.5	119.8	119.3
85°	69.8	73.6	83.0	68.4	54.2	60.8	104.2	120.2	100.0	88.2	90.1
87.5°	18.9	25.9	38.2	35.4	24.5	25.9	49.5	66.5	57.5	44.3	45.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

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(END OF REPORT)