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: P1201129

Luminaire Tested: GWC-SB1A-735-U-SL2

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201129
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1A-735-U-SL2
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE II SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4482 lumens
Efficiency:	N/A
Efficacy:	145.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G1

Input Watts (W):	30.9
Input Voltage (V):	120.0
Input Current (Ain):	0.263
Voltage Rise (V):	NR
Power Factor:	0.995
Total Harmonic Distortion (THDi):	6.356
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

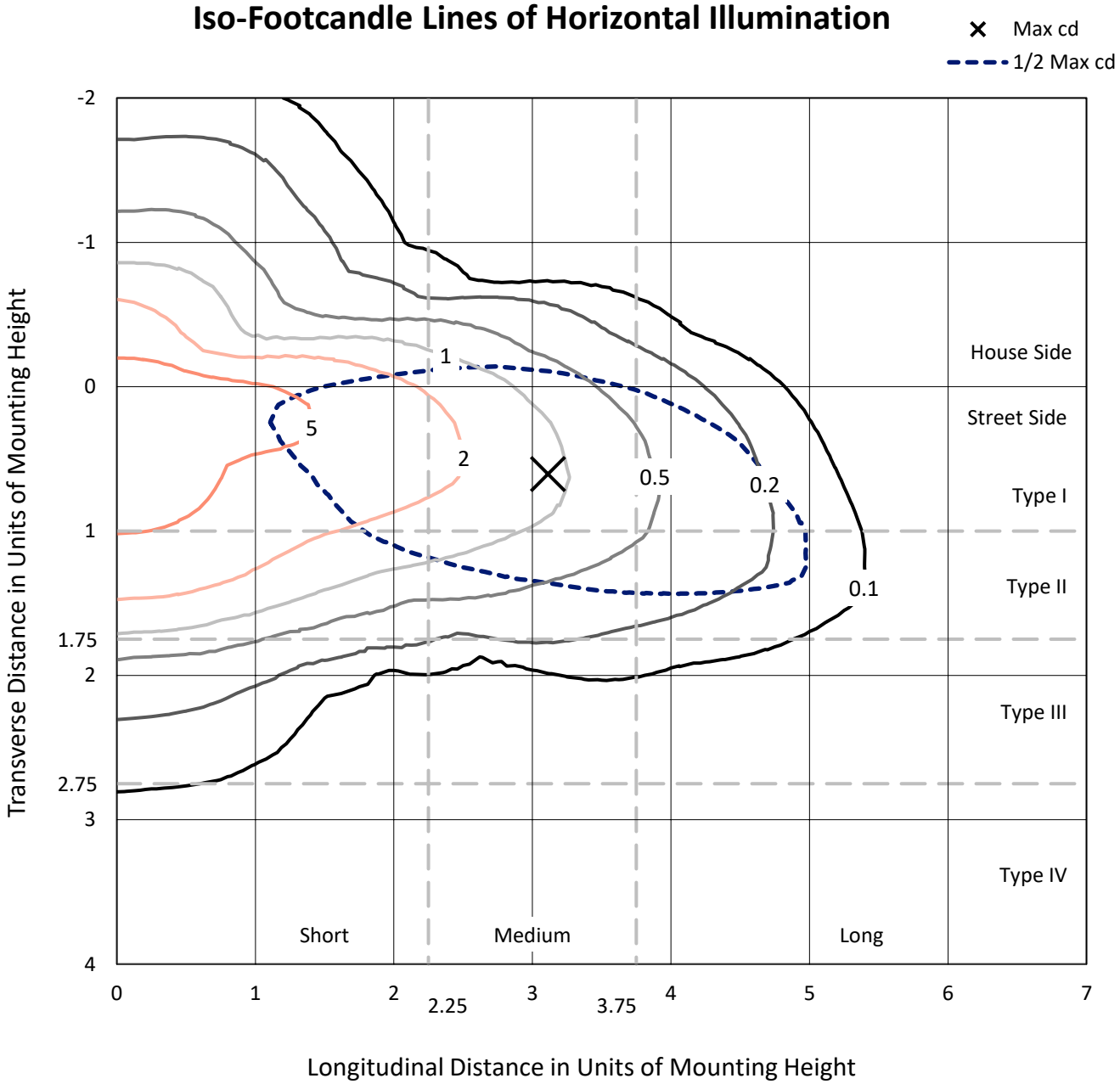


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Iso-Footcandle Lines of Horizontal Illumination



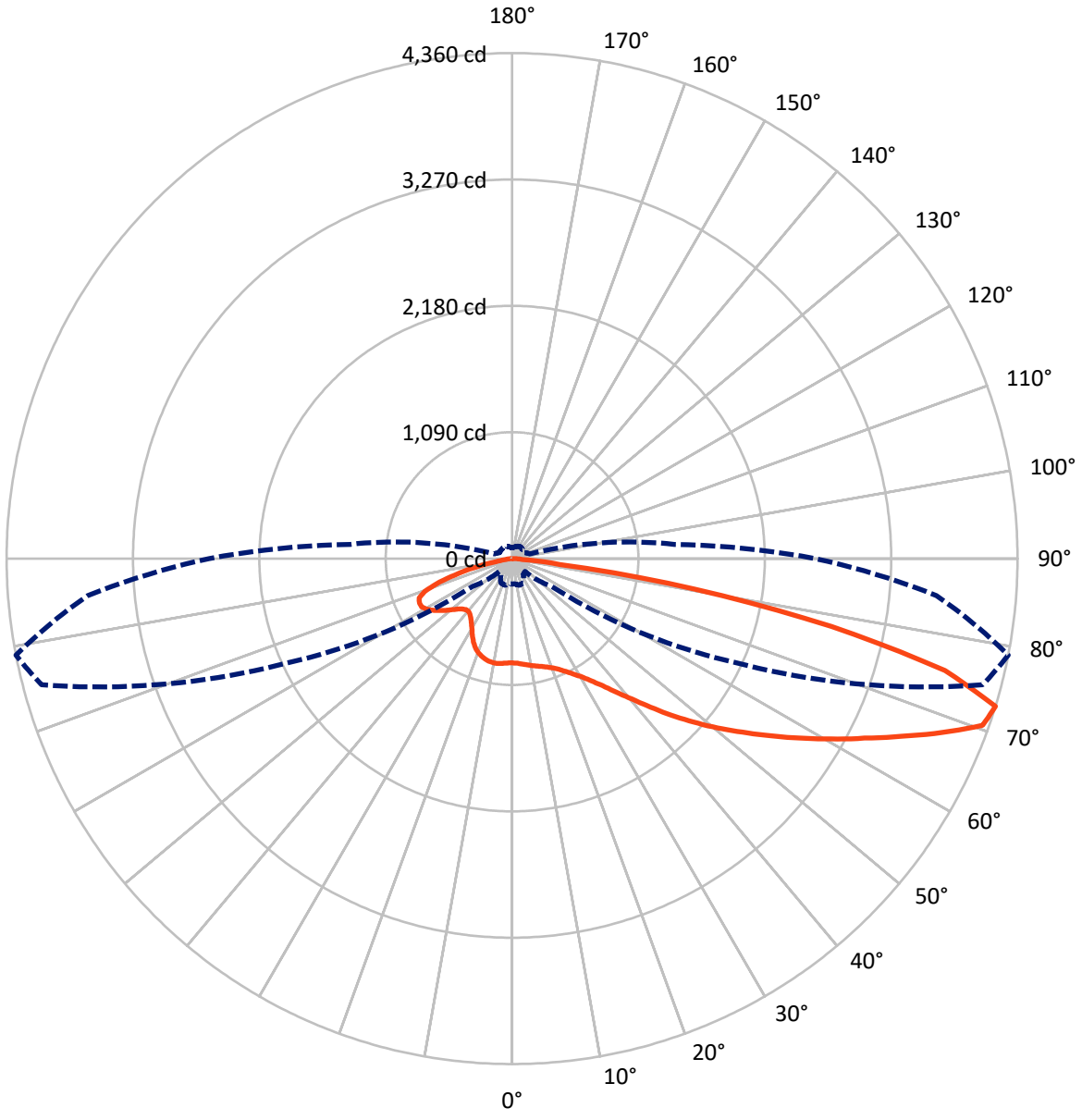
Based on 10 foot mounting height. Maximum calculated value = 9 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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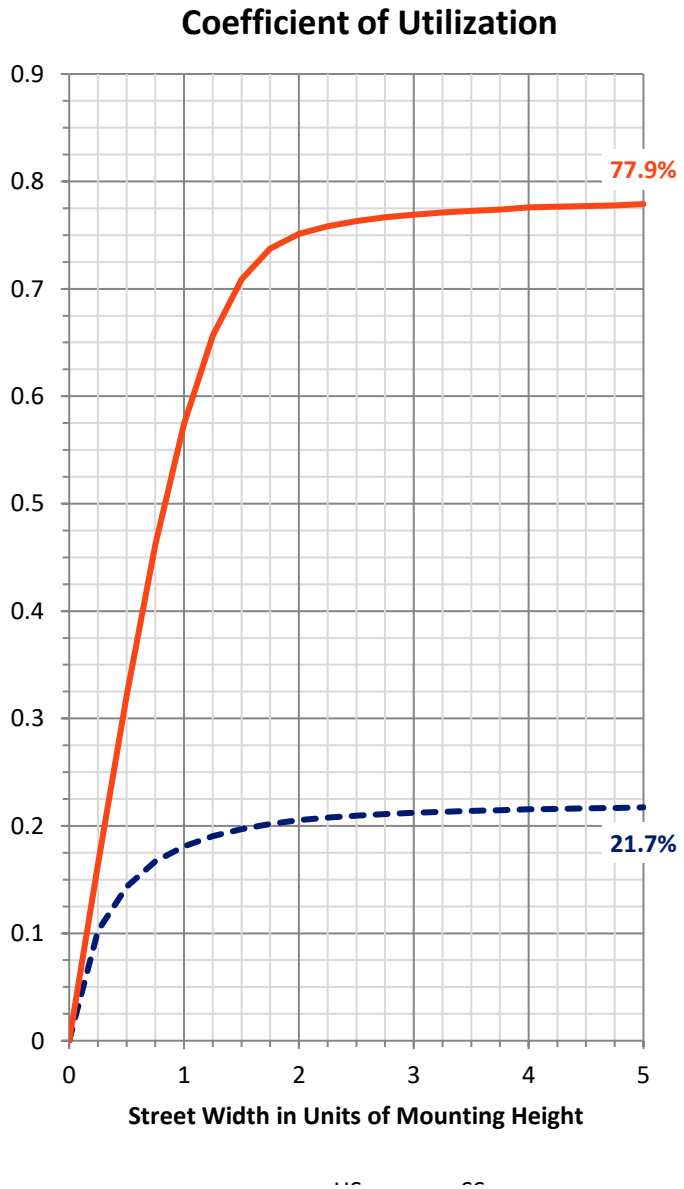
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	986.3	0.0	986.3
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	3495.7	0.0	3495.7
	% Fixture	78.0	0.0	78.0
Total	Lumens	4482.0	0.0	4482.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.7	1.8
10°-20°	213.5	4.8
20°-30°	344.5	7.7
30°-40°	517.1	11.5
40°-50°	733.5	16.4
50°-60°	926.4	20.7
60°-70°	940.8	21.0
70°-80°	641.2	14.3
80°-90°	83.2	1.9
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°	4482.0	100.0
0°-180°	4482.0	100.0



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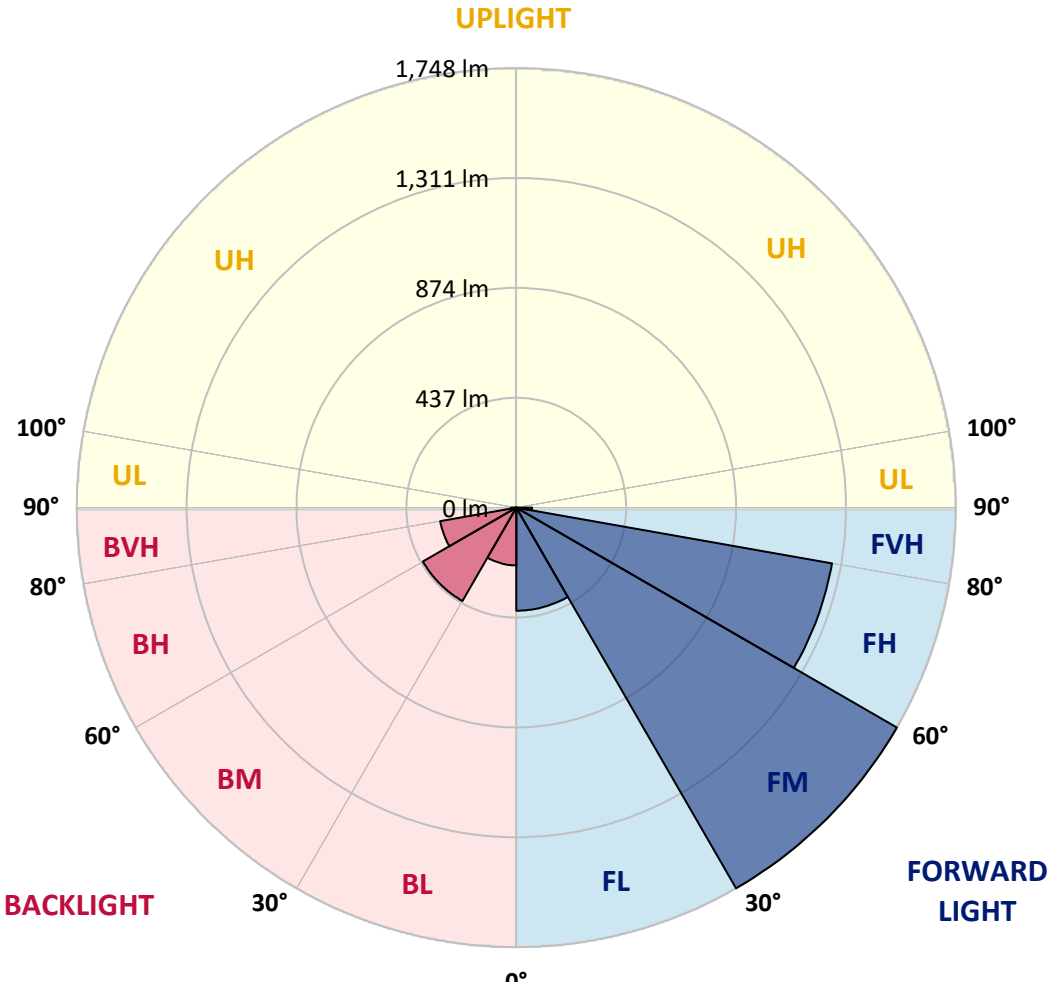
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	410.0	9.1			
FM	(30°-60°)	1748.1	39.0			
FH	(60°-80°)	1275.0	28.4			G1/1800
FVH	(80°-90°)	62.7	1.4			G1/100
BL	(0°-30°)	229.7	5.1	B1/500		
BM	(30°-60°)	428.9	9.6	B1/1000		
BH	(60°-80°)	307.1	6.9	B1/500		G1/500
BVH	(80°-90°)	20.5	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	899.7	899.7	899.7	899.7	899.7	899.7	899.7	899.7	899.7	*899.7*	899.7
2.5°	900.2	895.9	898.5	897.6	898.8	900.2	900.7	901.4	903.7	*903.5*	903.3
5°	898.3	894.0	897.6	896.4	899.5	902.8	905.6	908.3	912.0	*913.7*	911.3
7.5°	894.3	891.4	895.0	898.5	904.2	909.2	913.2	919.2	924.6	*925.6*	927.2
10°	870.8	868.7	877.0	886.2	901.9	915.4	924.1	931.0	936.9	*937.9*	940.3
12.5°	846.4	843.8	853.0	865.6	890.9	915.4	933.9	942.9	948.1	*951.2*	954.7
15°	842.3	840.2	845.4	856.3	877.4	909.0	940.5	957.1	961.6	*965.2*	966.6
17.5°	861.8	857.8	859.9	863.7	876.0	903.0	945.7	973.2	980.1	*983.9*	983.9
20°	906.8	901.1	897.8	890.2	888.1	904.0	945.2	992.7	1001.7	*1006.4*	1007.6
22.5°	966.8	963.0	955.9	936.7	915.8	915.6	954.2	1017.5	1034.4	*1038.9*	1036.0
25°	1039.4	1033.7	1024.7	998.6	958.5	938.6	969.4	1049.3	1077.5	*1078.7*	1070.4
27.5°	1122.8	1114.3	1101.9	1067.6	1013.5	974.6	992.7	1085.8	1127.1	*1126.6*	1109.5
30°	1210.8	1202.2	1189.2	1147.5	1079.4	1023.2	1024.9	1125.2	1185.9	*1183.3*	1154.1
32.5°	1275.0	1268.6	1266.0	1233.8	1155.3	1080.6	1061.9	1168.8	1258.4	*1256.1*	1215.3
35°	1324.3	1316.0	1319.1	1302.8	1238.0	1144.9	1107.2	1220.7	1346.6	*1346.4*	1295.6
37.5°	1373.2	1365.8	1368.4	1357.5	1314.6	1226.4	1162.4	1284.3	1455.9	*1461.1*	1392.8
40°	1417.7	1409.9	1420.3	1410.2	1374.1	1313.2	1225.2	1356.1	1582.5	*1592.5*	1510.4
42.5°	1444.5	1438.4	1455.7	1455.9	1425.8	1386.4	1294.2	1435.3	1729.0	*1751.3*	1655.1
45°	1453.8	1451.6	1477.7	1483.2	1471.6	1428.9	1356.3	1521.6	1886.9	*1926.7*	1819.8
47.5°	1443.8	1439.8	1475.8	1496.0	1505.2	1448.8	1407.8	1615.0	2048.1	*2106.5*	1999.5
50°	1393.6	1385.7	1439.3	1481.8	1514.7	1461.8	1459.7	1722.9	2231.4	*2295.2*	2180.2
52.5°	1303.2	1297.3	1358.2	1432.0	1493.8	1468.2	1518.0	1840.7	2405.4	*2487.9*	2365.3
55°	1187.8	1179.9	1247.0	1343.3	1441.9	1466.1	1576.3	1972.5	2610.7	*2694.4*	2556.7
57.5°	1004.7	989.1	1074.0	1187.8	1357.3	1463.5	1637.0	2103.6	2819.4	*2919.6*	2760.8
60°	737.8	714.6	818.6	953.5	1191.8	1438.1	1712.2	2250.6	3069.7	*3160.0*	2983.7
62.5°	429.6	416.1	484.1	610.0	898.3	1288.8	1754.4	2421.5	3315.8	*3410.6*	3202.7
65°	333.6	329.8	335.7	345.4	500.0	964.9	1624.2	2588.2	3628.7	*3695.1*	3431.0
67.5°	305.1	302.3	304.9	286.6	253.7	537.5	1285.0	2630.4	3964.0	*4004.3*	3630.9
70°	271.2	267.9	276.4	260.8	199.6	244.4	830.3	2477.2	4230.7	*4306.3*	3782.8
72.5°	*221.0*	*217.2*	*237.1*	*230.0*	*168.1*	*156.9*	*417.0*	*2113.3*	*4202.7*	*4359.7*	*3674.0*
75°	169.7	167.6	191.3	197.3	137.0	123.5	200.1	1570.9	3698.4	*3856.6*	3166.4
77.5°	131.8	130.2	142.2	163.8	110.5	95.8	123.0	996.4	2787.1	*2814.9*	2182.1
80°	98.9	94.1	105.3	126.8	86.1	69.9	83.5	581.1	1761.7	*1597.0*	949.7
82.5°	61.9	59.5	68.8	84.6	60.7	48.1	54.3	321.0	706.0	*415.8*	183.3
85°	35.3	34.4	37.5	48.4	33.0	27.7	31.1	141.8	129.0	*88.7*	55.2
87.5°	14.2	13.8	17.1	21.6	12.1	10.2	10.9	34.1	28.4	*26.3*	18.3
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°	899.7	899.7	899.7	899.7	899.7	899.7	899.7	899.7	899.7	899.7	899.7
2.5°	902.3	902.3	899.0	893.8	887.9	884.1	877.9	876.2	869.8	868.0	871.0
5°	913.2	911.3	901.1	886.4	866.3	847.8	827.4	814.6	796.6	790.2	794.9
7.5°	927.0	921.8	904.2	872.0	829.8	788.3	745.1	712.4	681.1	670.0	671.4
10°	939.5	932.2	902.3	845.9	772.9	701.0	632.3	584.2	547.7	532.7	536.0
12.5°	952.1	938.6	889.8	802.5	692.0	594.6	521.3	483.9	461.4	443.3	449.3
15°	964.0	945.0	870.3	744.4	603.4	504.5	450.5	420.6	402.6	390.7	392.8
17.5°	977.7	950.5	841.2	670.7	519.0	442.2	398.1	380.0	376.5	375.1	376.0
20°	996.9	955.4	802.8	588.2	456.9	392.4	369.6	367.9	367.7	367.0	369.4
22.5°	1017.5	961.4	752.0	513.3	404.0	361.3	357.3	354.0	351.8	351.6	354.2
25°	1042.0	963.3	688.5	451.9	358.9	346.6	341.9	336.9	335.5	335.5	336.9
27.5°	1065.7	956.9	614.5	398.5	333.6	333.1	326.9	325.3	325.0	325.7	327.6
30°	1089.4	944.8	541.0	349.2	318.9	318.9	316.7	317.9	318.9	321.2	322.9
32.5°	1121.4	932.0	479.6	312.7	306.1	303.7	305.8	308.2	309.2	312.2	314.8
35°	1168.3	923.0	430.8	292.8	292.8	289.7	290.9	290.4	288.3	286.9	290.2
37.5°	1230.4	922.5	390.5	283.5	281.7	281.2	281.4	278.3	270.0	260.1	260.3
40°	1305.1	935.3	359.4	277.1	275.7	278.6	277.1	268.8	246.1	228.8	228.3
42.5°	1405.4	971.8	339.5	269.3	273.6	277.1	271.5	242.8	227.4	215.7	215.3
45°	1523.5	1031.1	329.3	261.0	269.6	273.8	246.3	233.8	221.4	207.4	206.5
47.5°	1657.2	1105.7	326.9	253.2	260.6	263.2	235.7	230.0	216.0	200.8	199.6
50°	1802.8	1194.2	333.3	244.0	247.5	238.5	232.1	226.9	212.4	197.5	195.8
52.5°	1953.3	1291.6	346.1	231.4	234.5	224.5	230.7	226.2	210.3	190.1	188.7
55°	2101.2	1389.8	358.5	216.7	221.2	211.9	226.6	223.3	200.6	177.8	176.6
57.5°	2251.5	1487.4	370.6	203.7	208.4	199.9	220.2	215.7	189.7	166.4	166.0
60°	2407.8	1582.3	376.2	191.1	194.4	188.7	210.5	202.7	177.3	154.8	154.1
62.5°	2554.1	1661.2	367.0	178.5	180.7	178.3	197.7	187.3	165.0	141.8	141.5
65°	2700.8	1708.2	338.6	166.2	166.7	165.5	179.7	170.7	150.5	130.4	129.0
67.5°	2833.8	1734.5	293.3	152.9	151.7	151.3	162.9	152.7	136.6	119.0	117.6
70°	2862.0	1667.6	224.0	137.3	137.3	136.1	144.4	134.0	121.1	106.9	106.4
72.5°	*2614.0*	*1402.8*	*159.1*	*119.5*	*121.4*	*119.0*	*125.9*	*117.1*	*105.5*	*96.0*	*93.2*
75°	2107.9	1028.7	115.7	101.2	104.6	100.5	106.9	100.8	90.8	90.6	81.6
77.5°	1448.3	636.1	83.9	83.5	85.8	80.6	88.0	84.6	75.6	71.6	67.1
80°	618.1	253.7	61.2	64.5	64.5	59.7	68.3	69.2	61.4	59.5	59.5
82.5°	123.0	72.1	42.9	44.3	41.7	40.3	48.4	53.6	74.0	82.3	82.5
85°	37.0	26.6	25.8	24.2	21.3	21.6	28.4	53.8	66.4	37.9	32.7
87.5°	10.2	6.6	6.9	5.5	4.5	5.9	9.7	40.8	22.3	9.5	8.1
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)