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: P1201217

Luminaire Tested: GWC-SB1A-827-U-SL2

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:	P1201217
	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-827-U-SL2
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 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:	3897 lumens
Efficiency:	N/A
Efficacy:	126.1 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

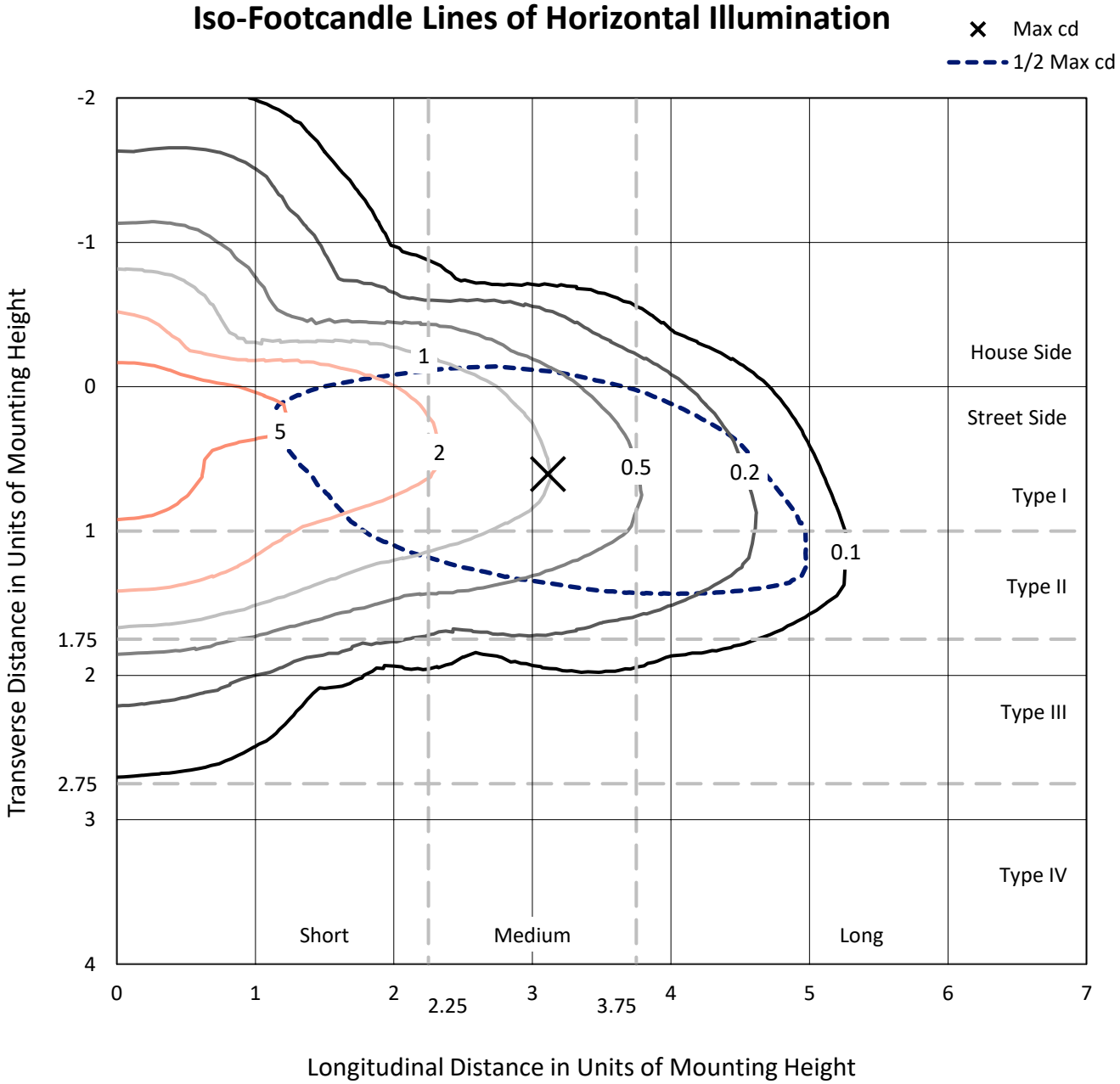


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Iso-Footcandle Lines of Horizontal Illumination



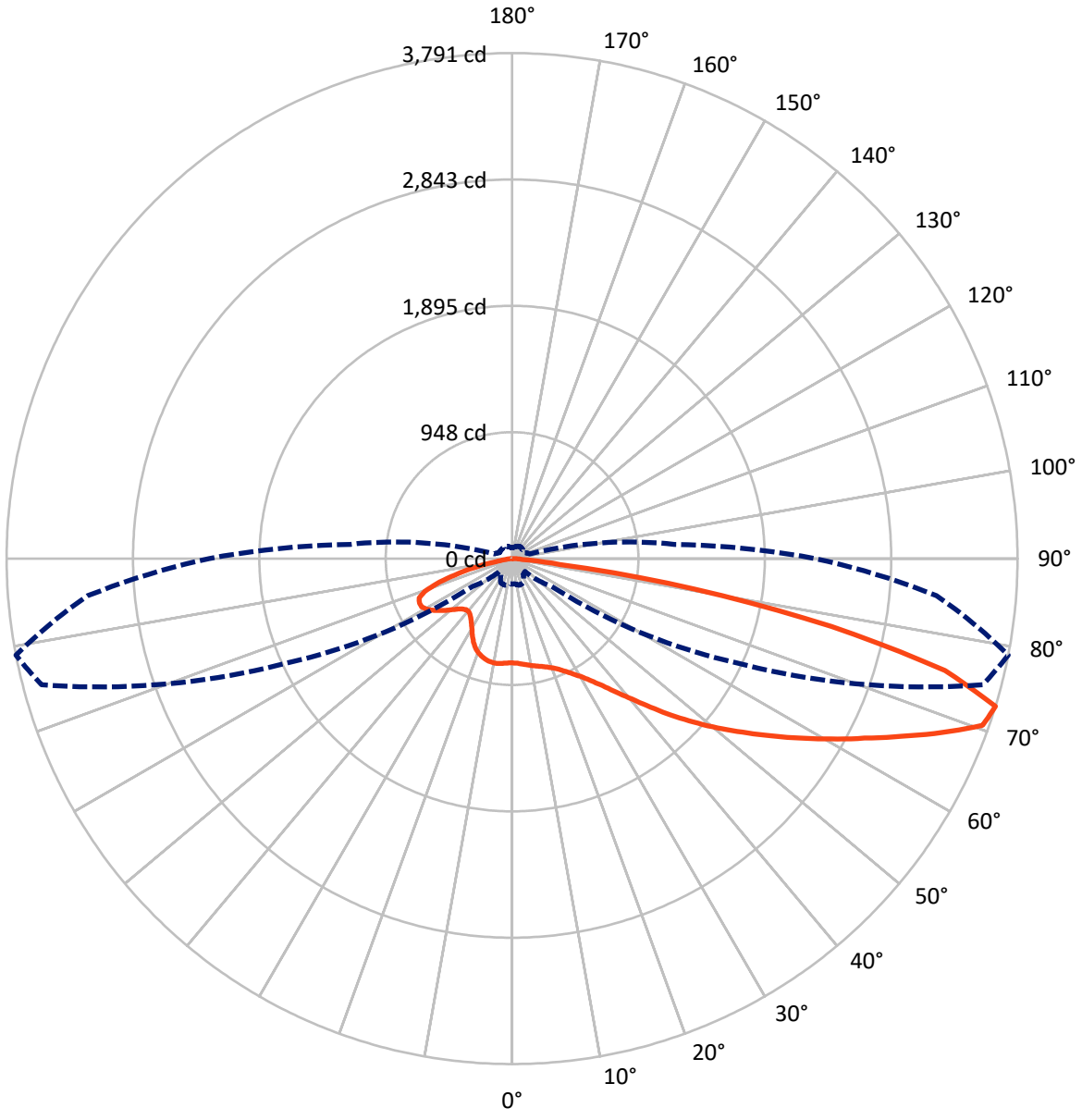
Based on 10 foot mounting height. Maximum calculated value = 7.9 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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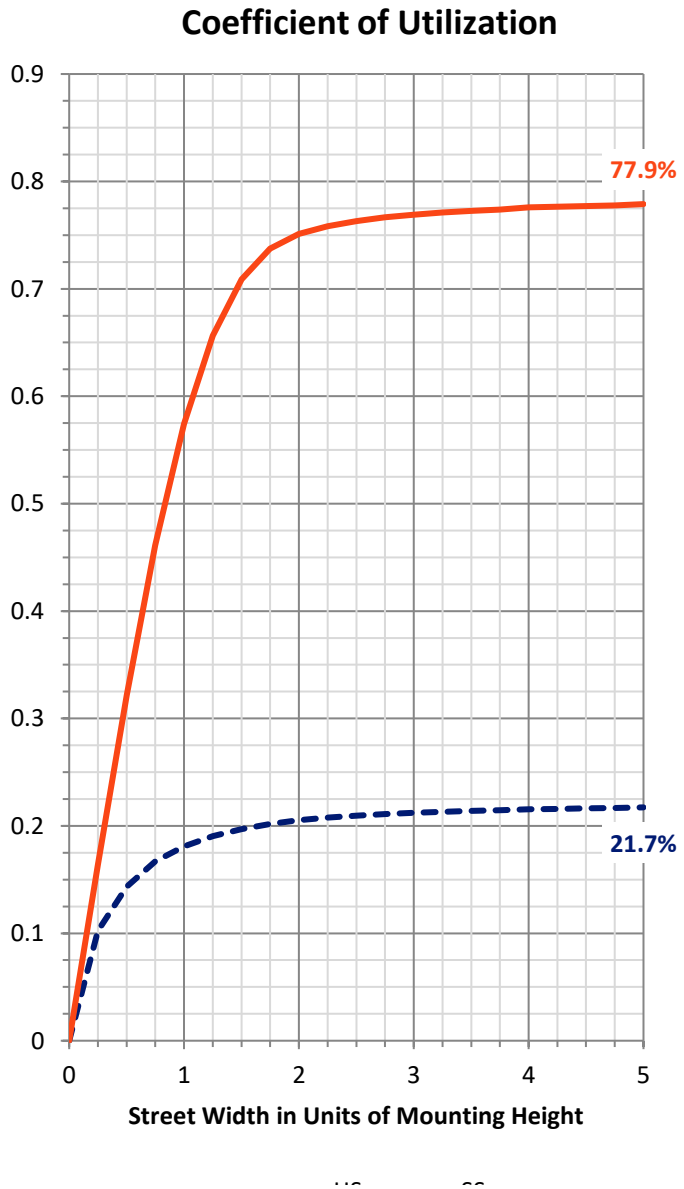
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	857.6	0.0	857.6
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	3039.5	0.0	3039.5
	% Fixture	78.0	0.0	78.0
Total	Lumens	3897.0	0.0	3897.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.0	1.8
10°-20°	185.7	4.8
20°-30°	299.6	7.7
30°-40°	449.6	11.5
40°-50°	637.8	16.4
50°-60°	805.5	20.7
60°-70°	818.0	21.0
70°-80°	557.5	14.3
80°-90°	72.3	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°	3897.0	100.0
0°-180°	3897.0	100.0



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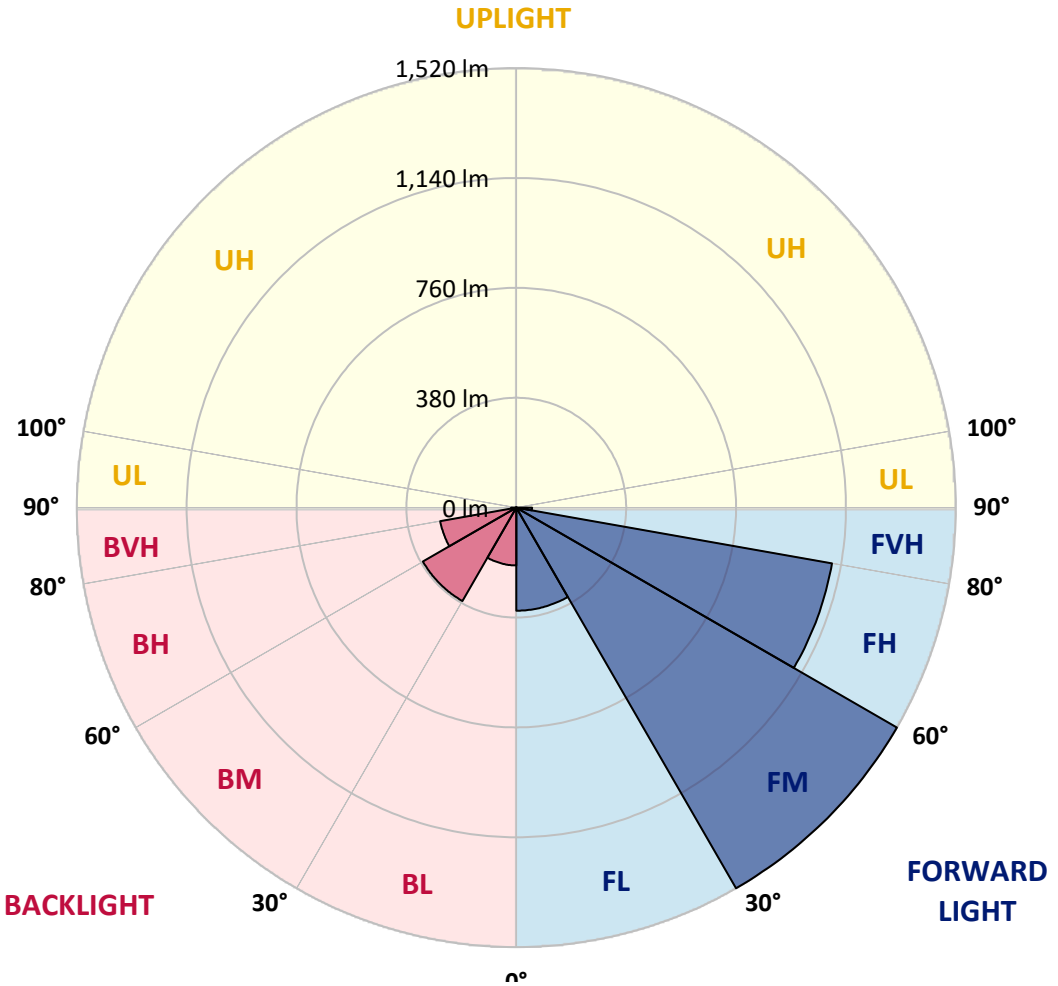
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	356.5	9.1			
FM	(30°-60°)	1519.9	39.0			
FH	(60°-80°)	1108.6	28.4			G1/1800
FVH	(80°-90°)	54.5	1.4			G1/100
BL	(0°-30°)	199.7	5.1	B1/500		
BM	(30°-60°)	373.0	9.6	B1/1000		
BH	(60°-80°)	267.0	6.9	B1/500		G1/500
BVH	(80°-90°)	17.8	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°	782.3	782.3	782.3	782.3	782.3	782.3	782.3	782.3	782.3	*782.3*	782.3
2.5°	782.7	779.0	781.3	780.4	781.5	782.7	783.1	783.7	785.8	*785.6*	785.4
5°	781.0	777.3	780.4	779.4	782.1	785.0	787.4	789.7	793.0	*794.4*	792.4
7.5°	777.5	775.1	778.2	781.3	786.2	790.5	794.0	799.2	803.9	*804.8*	806.2
10°	757.1	755.3	762.5	770.5	784.1	795.9	803.5	809.5	814.6	*815.5*	817.5
12.5°	735.9	733.6	741.7	752.6	774.7	795.9	812.0	819.8	824.3	*827.0*	830.1
15°	732.4	730.5	735.1	744.6	762.9	790.3	817.7	832.2	836.1	*839.2*	840.4
17.5°	749.3	745.8	747.7	751.0	761.7	785.2	822.3	846.2	852.2	*855.5*	855.5
20°	788.5	783.5	780.6	774.0	772.2	786.0	821.9	863.1	870.9	*875.0*	876.1
22.5°	840.6	837.3	831.1	814.4	796.3	796.1	829.7	884.7	899.4	*903.3*	900.8
25°	903.7	898.8	890.9	868.2	833.4	816.1	842.9	912.4	936.9	*937.9*	930.7
27.5°	976.3	968.8	958.1	928.2	881.2	847.4	863.1	944.1	980.0	*979.6*	964.7
30°	1052.7	1045.3	1034.0	997.7	938.5	889.7	891.1	978.3	1031.1	*1028.8*	1003.5
32.5°	1108.6	1103.0	1100.8	1072.7	1004.5	939.6	923.3	1016.2	1094.2	*1092.1*	1056.7
35°	1151.5	1144.3	1146.9	1132.7	1076.4	995.4	962.7	1061.4	1170.9	*1170.6*	1126.5
37.5°	1193.9	1187.5	1189.8	1180.3	1143.0	1066.3	1010.7	1116.6	1265.9	*1270.4*	1211.0
40°	1232.7	1225.9	1235.0	1226.1	1194.8	1141.8	1065.3	1179.1	1376.0	*1384.6*	1313.3
42.5°	1256.0	1250.6	1265.7	1265.9	1239.7	1205.5	1125.3	1247.9	1503.3	*1522.7*	1439.0
45°	1264.0	1262.2	1284.8	1289.6	1279.5	1242.4	1179.3	1323.0	1640.6	*1675.3*	1582.3
47.5°	1255.4	1251.9	1283.2	1300.7	1308.8	1259.7	1224.0	1404.2	1780.8	*1831.5*	1738.6
50°	1211.7	1204.9	1251.5	1288.3	1317.0	1271.0	1269.2	1498.0	1940.2	*1995.6*	1895.6
52.5°	1133.1	1128.0	1181.0	1245.1	1298.9	1276.6	1319.9	1600.4	2091.5	*2163.2*	2056.6
55°	1032.7	1025.9	1084.3	1168.0	1253.7	1274.7	1370.6	1715.1	2270.0	*2342.7*	2223.0
57.5°	873.6	860.0	933.8	1032.7	1180.1	1272.5	1423.4	1829.0	2451.4	*2538.6*	2400.5
60°	641.5	621.3	711.8	829.1	1036.2	1250.4	1488.7	1956.8	2669.0	*2747.6*	2594.2
62.5°	373.5	361.8	420.9	530.4	781.0	1120.6	1525.4	2105.5	2883.0	*2965.5*	2784.7
65°	290.0	286.7	291.9	300.3	434.7	839.0	1412.2	2250.4	3155.1	*3212.8*	2983.2
67.5°	265.3	262.8	265.1	249.2	220.6	467.3	1117.3	2287.1	3446.6	*3481.6*	3157.0
70°	235.8	232.9	240.4	226.7	173.6	212.5	721.9	2153.9	3678.5	*3744.3*	3289.1
72.5°	*192.1*	*188.8*	*206.1*	*200.0*	*146.2*	*136.5*	*362.6*	*1837.5*	*3654.2*	*3790.6*	*3194.5*
75°	147.6	145.7	166.4	171.5	119.1	107.4	174.0	1365.9	3215.7	*3353.2*	2753.2
77.5°	114.6	113.2	123.7	142.4	96.1	83.3	107.0	866.4	2423.3	*2447.5*	1897.3
80°	86.0	81.8	91.5	110.3	74.8	60.8	72.6	505.2	1531.8	*1388.5*	825.8
82.5°	53.8	51.7	59.8	73.6	52.8	41.8	47.2	279.1	613.9	*361.6*	159.3
85°	30.7	29.9	32.6	42.1	28.7	24.1	27.0	123.3	112.1	*77.1*	48.0
87.5°	12.4	12.0	14.8	18.8	10.5	8.9	9.5	29.7	24.7	*22.9*	15.9
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°	782.3	782.3	782.3	782.3	782.3	782.3	782.3	782.3	782.3	782.3	782.3
2.5°	784.6	784.6	781.7	777.1	772.0	768.7	763.3	761.9	756.3	754.7	757.3
5°	794.0	792.4	783.5	770.7	753.2	737.1	719.4	708.3	692.6	687.1	691.2
7.5°	806.0	801.5	786.2	758.2	721.5	685.4	647.9	619.4	592.2	582.5	583.8
10°	816.9	810.5	784.6	735.5	672.0	609.5	549.8	507.9	476.2	463.2	466.1
12.5°	827.8	816.1	773.6	697.8	601.7	517.0	453.3	420.7	401.1	385.5	390.6
15°	838.1	821.7	756.7	647.3	524.6	438.7	391.7	365.7	350.0	339.7	341.6
17.5°	850.1	826.4	731.4	583.2	451.2	384.4	346.1	330.4	327.3	326.1	326.9
20°	866.8	830.7	698.0	511.4	397.2	341.2	321.4	319.9	319.7	319.1	321.2
22.5°	884.7	835.9	653.9	446.3	351.3	314.2	310.6	307.8	305.9	305.7	308.0
25°	906.0	837.5	598.6	392.9	312.1	301.4	297.2	292.9	291.7	291.7	292.9
27.5°	926.6	832.0	534.3	346.5	290.0	289.6	284.3	282.8	282.6	283.2	284.9
30°	947.2	821.5	470.4	303.6	277.3	277.3	275.4	276.4	277.3	279.3	280.8
32.5°	975.0	810.3	417.0	271.9	266.1	264.1	265.9	268.0	268.8	271.5	273.7
35°	1015.8	802.5	374.5	254.6	254.6	251.9	252.9	252.5	250.7	249.4	252.3
37.5°	1069.8	802.1	339.5	246.5	244.9	244.5	244.7	242.0	234.8	226.1	226.3
40°	1134.8	813.2	312.5	241.0	239.7	242.2	241.0	233.8	214.0	198.9	198.5
42.5°	1222.0	845.0	295.2	234.2	237.9	241.0	236.0	211.1	197.7	187.6	187.2
45°	1324.6	896.5	286.3	227.0	234.4	238.1	214.2	203.2	192.5	180.4	179.5
47.5°	1440.9	961.4	284.3	220.2	226.5	228.8	204.9	200.0	187.8	174.6	173.6
50°	1567.5	1038.3	289.8	212.1	215.2	207.4	201.8	197.3	184.7	171.7	170.3
52.5°	1698.4	1123.0	301.0	201.2	203.9	195.2	200.6	196.7	182.8	165.3	164.1
55°	1827.0	1208.4	311.7	188.4	192.3	184.3	197.1	194.2	174.4	154.6	153.6
57.5°	1957.7	1293.3	322.2	177.1	181.2	173.8	191.5	187.6	164.9	144.7	144.3
60°	2093.5	1375.8	327.1	166.1	169.0	164.1	183.0	176.2	154.2	134.6	134.0
62.5°	2220.7	1444.4	319.1	155.2	157.1	155.0	171.9	162.8	143.5	123.3	123.1
65°	2348.3	1485.2	294.4	144.5	144.9	143.9	156.3	148.4	130.9	113.4	112.1
67.5°	2463.9	1508.1	255.0	133.0	131.9	131.5	141.6	132.8	118.7	103.5	102.2
70°	2488.5	1450.0	194.8	119.4	119.4	118.3	125.5	116.5	105.3	93.0	92.6
72.5°	*2272.9*	*1219.7*	*138.3*	*103.9*	*105.5*	*103.5*	*109.5*	*101.8*	*91.7*	*83.5*	*81.0*
75°	1832.8	894.4	100.6	88.0	90.9	87.4	93.0	87.6	79.0	78.7	70.9
77.5°	1259.3	553.1	73.0	72.6	74.6	70.1	76.5	73.6	65.8	62.3	58.3
80°	537.4	220.6	53.2	56.1	56.1	51.9	59.4	60.2	53.4	51.7	51.7
82.5°	107.0	62.7	37.3	38.5	36.3	35.0	42.1	46.6	64.3	71.5	71.7
85°	32.2	23.1	22.5	21.0	18.6	18.8	24.7	46.8	57.7	33.0	28.4
87.5°	8.9	5.8	6.0	4.7	3.9	5.2	8.5	35.5	19.4	8.2	7.0
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)