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: P1201590

Luminaire Tested: GWC-SB1B-827-U-SL2-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201590
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-11)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1B-827-U-SL2-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE II SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3990 lumens
Efficiency:	N/A
Efficacy:	100.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B0 - U0 - G1

Input Watts (W):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

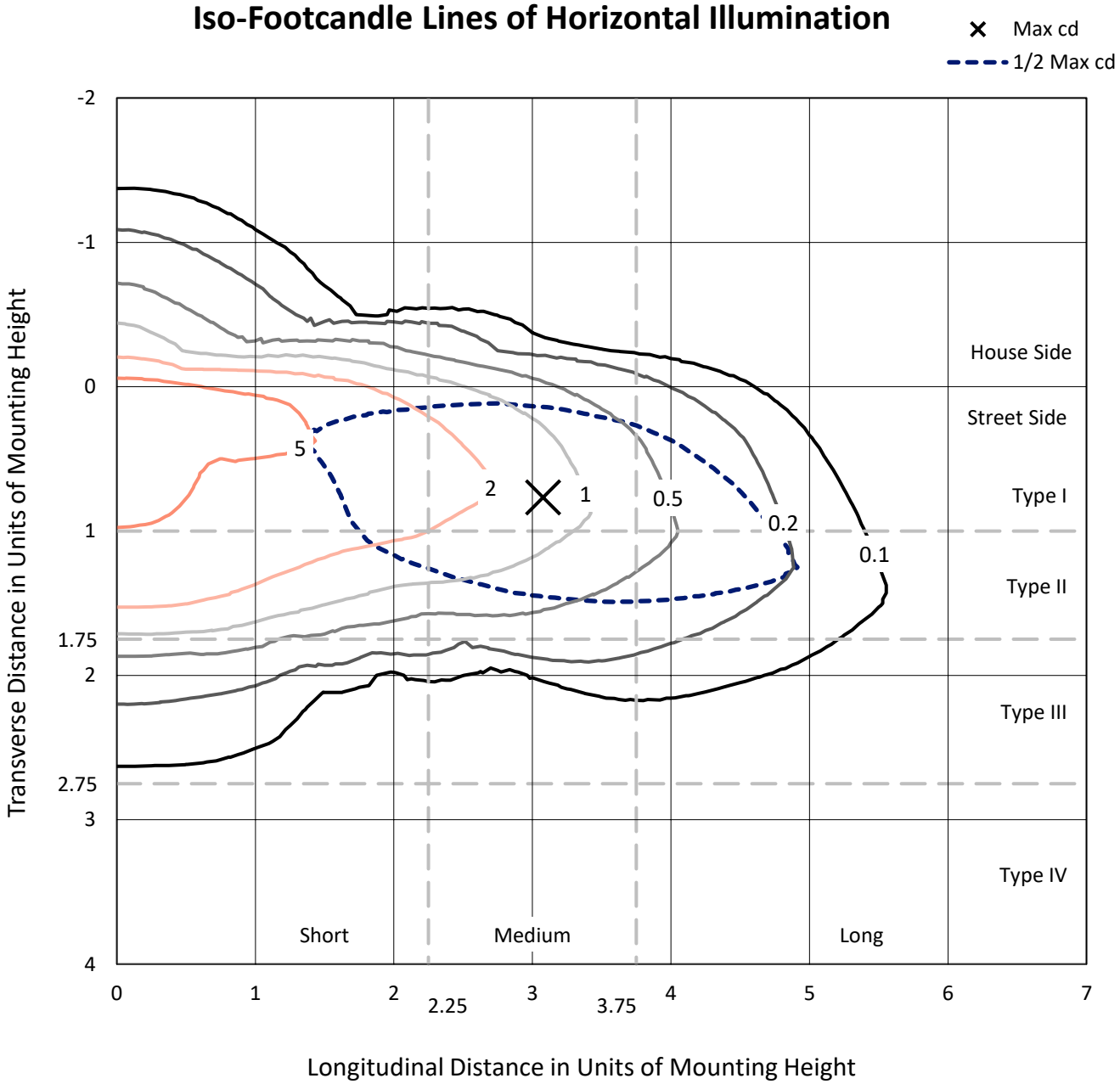


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Iso-Footcandle Lines of Horizontal Illumination



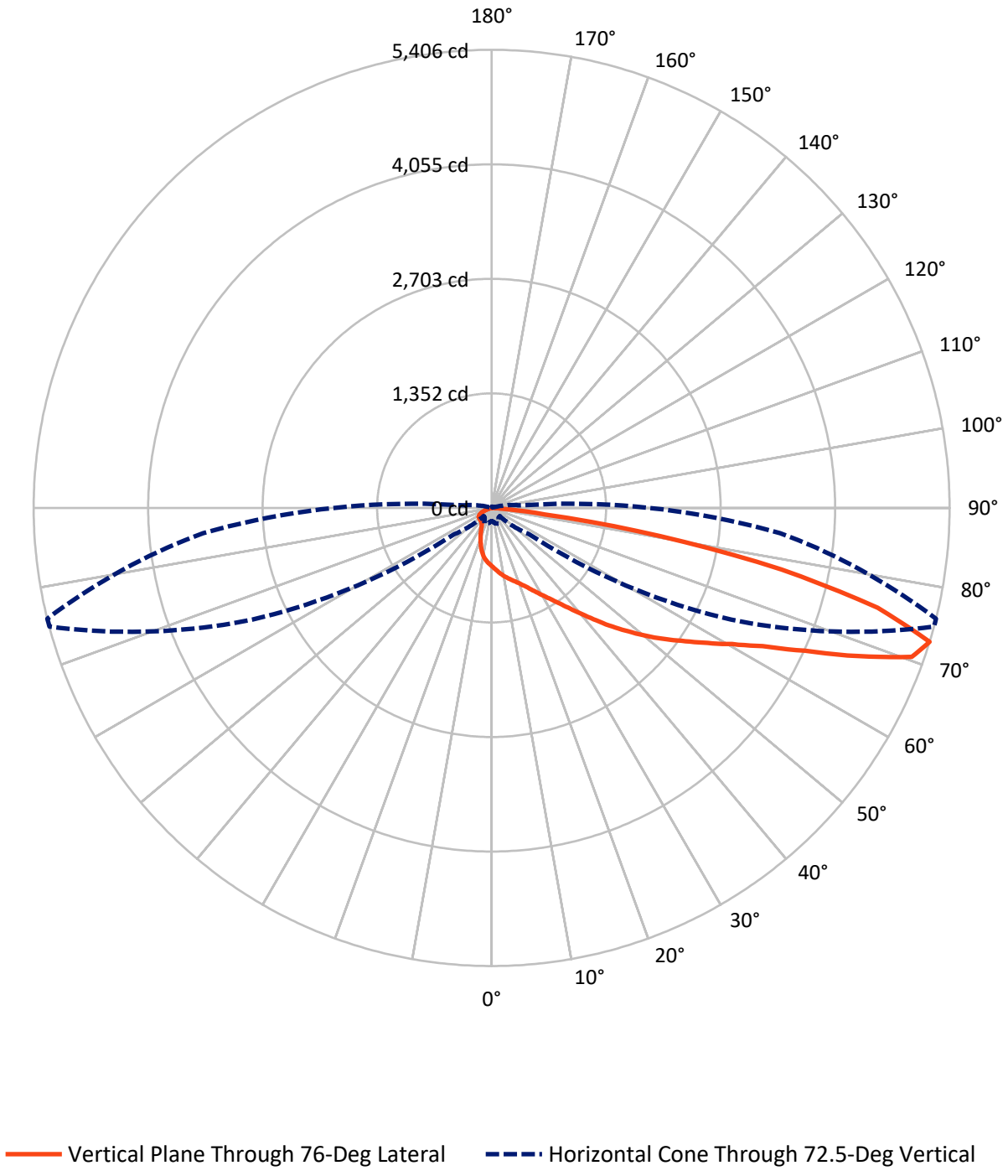
Based on 10 foot mounting height. Maximum calculated value = 9.1 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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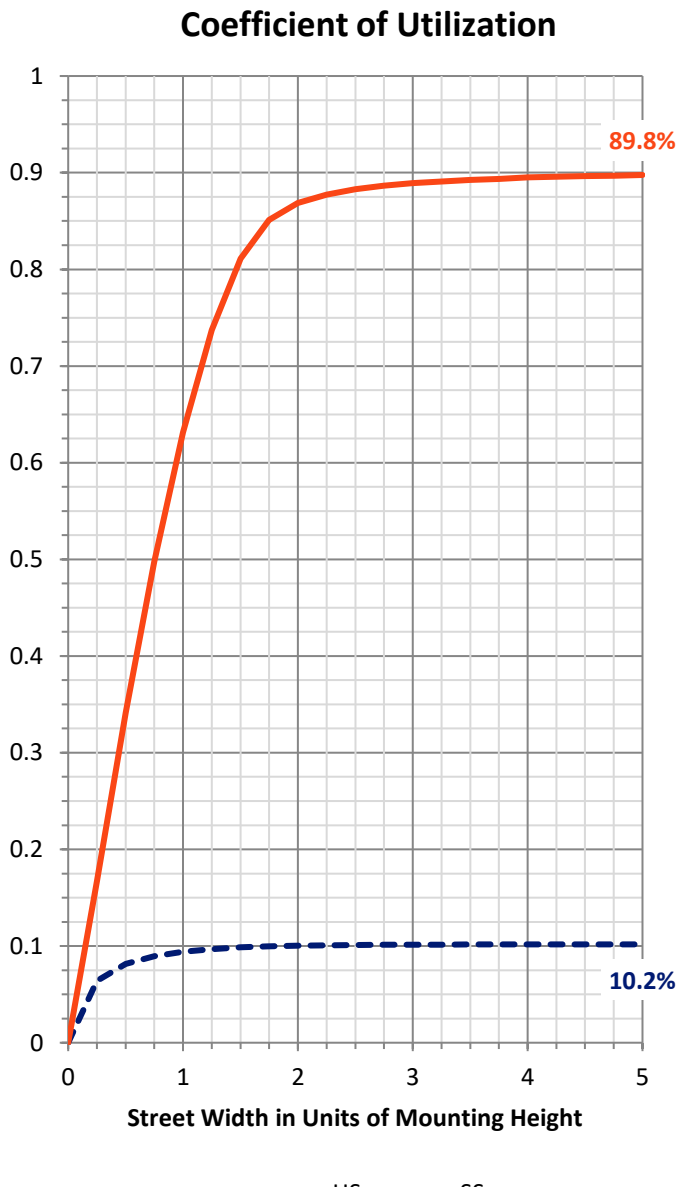
REPORT NUMBER: P1201590
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	408.4	0.0	408.4
	% Fixture	10.2	0.0	10.2
Street Side	Lumens	3581.6	0.0	3581.6
	% Fixture	89.8	0.0	89.8
Total	Lumens	3990.0	0.0	3990.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.7	1.6
10°-20°	168.1	4.2
20°-30°	266.1	6.7
30°-40°	411.7	10.3
40°-50°	625.4	15.7
50°-60°	862.1	21.6
60°-70°	910.8	22.8
70°-80°	624.8	15.7
80°-90°	58.2	1.5
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°	3990.0	100.0
0°-180°	3990.0	100.0



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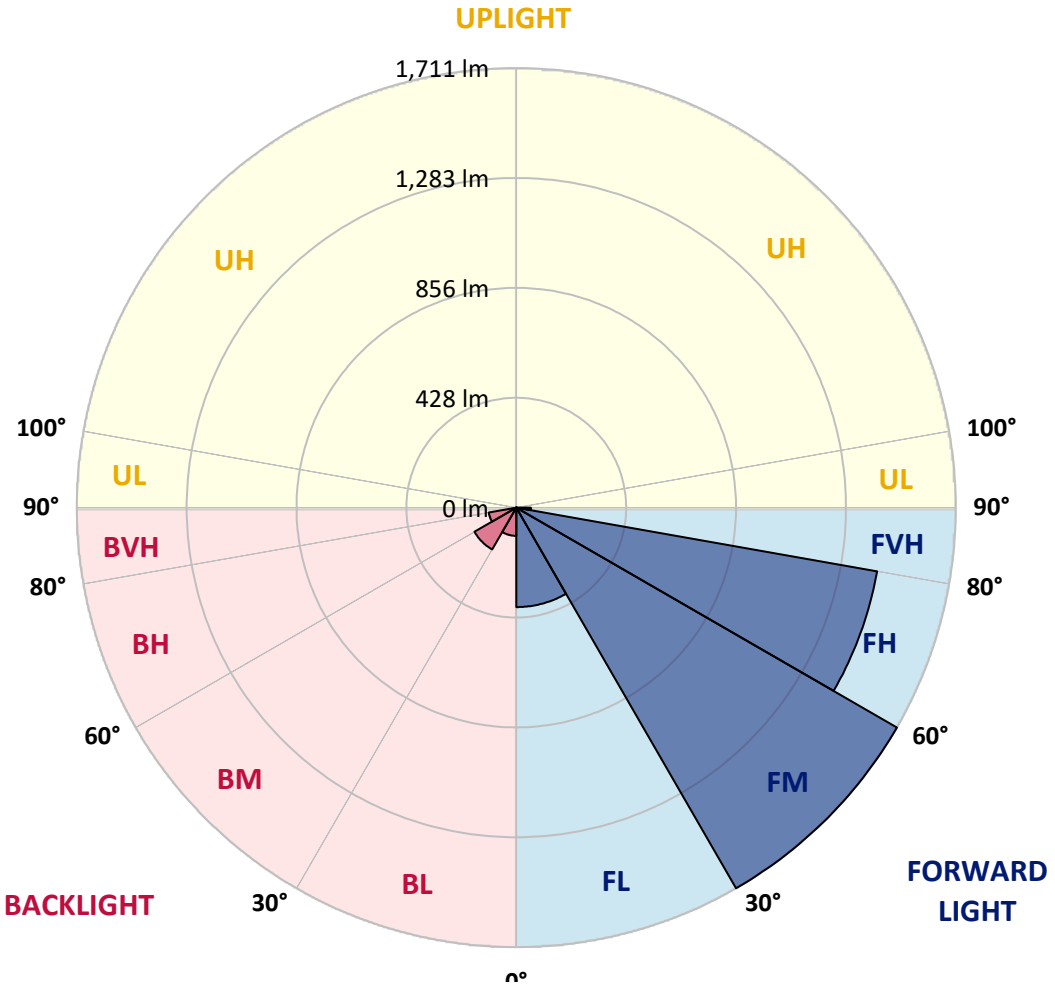
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	387.2	9.7			
FM	(30°-60°)	1711.2	42.9			
FH	(60°-80°)	1426.6	35.8			G1/1800
FVH	(80°-90°)	56.6	1.4			G1/100
BL	(0°-30°)	109.8	2.8	B0/110		
BM	(30°-60°)	188.0	4.7	B0/220		
BH	(60°-80°)	109.0	2.7	B0/110		G0/110
BVH	(80°-90°)	1.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	689.5	689.5	689.5	689.5	689.5	689.5	689.5	689.5	689.5	*689.5*	689.5
2.5°	801.6	791.0	793.0	782.4	777.5	765.6	753.2	736.9	718.8	*718.8*	701.2
5°	886.0	879.2	879.2	866.8	857.2	838.6	816.3	787.6	753.4	*750.1*	716.7
7.5°	937.7	933.6	936.2	928.9	921.2	901.7	875.3	837.8	789.4	*785.3*	735.1
10°	947.8	947.6	954.8	956.9	962.0	952.2	928.7	885.4	824.9	*818.9*	750.8
12.5°	908.7	903.8	921.7	942.6	972.1	985.3	973.2	928.9	857.2	*848.9*	765.6
15°	844.5	845.6	862.7	895.0	944.2	991.3	1007.1	971.4	890.1	*880.3*	779.6
17.5°	807.8	803.9	818.7	847.6	902.0	968.5	1022.9	1011.0	925.0	*913.9*	793.8
20°	803.4	803.1	806.5	819.7	861.1	935.9	1021.1	1049.5	966.2	*953.2*	814.3
22.5°	833.9	833.4	830.6	828.0	839.4	904.1	1013.3	1086.3	1015.4	*1001.4*	843.2
25°	880.8	880.0	875.6	859.8	848.7	887.0	1006.0	1120.4	1073.6	*1058.1*	878.4
27.5°	938.0	937.5	929.4	905.6	876.9	888.5	1002.4	1155.6	1140.9	*1125.6*	919.1
30°	1008.1	1007.1	990.5	956.9	919.3	913.1	1007.3	1195.2	1211.0	*1199.4*	965.9
32.5°	1096.1	1093.3	1071.5	1020.8	968.3	946.0	1016.7	1235.9	1294.1	*1283.2*	1028.6
35°	1164.2	1159.8	1147.1	1102.3	1024.9	986.4	1038.4	1284.0	1394.0	*1384.4*	1108.5
37.5°	1222.7	1218.3	1207.9	1171.2	1106.2	1037.9	1073.3	1348.2	1512.0	*1507.4*	1206.1
40°	1285.8	1278.6	1273.7	1234.3	1175.6	1112.2	1123.3	1423.3	1647.9	*1648.4*	1323.4
42.5°	1334.5	1331.6	1332.2	1301.9	1242.6	1200.2	1189.6	1507.9	1810.7	*1815.6*	1464.4
45°	1376.2	1373.8	1383.4	1362.2	1310.2	1257.9	1267.2	1603.7	1988.8	*1998.9*	1622.3
47.5°	1408.3	1410.8	1424.6	1410.8	1380.3	1298.5	1336.0	1706.9	2175.9	*2177.2*	1785.4
50°	1440.4	1441.4	1464.2	1457.4	1445.0	1350.0	1399.5	1822.4	2373.2	*2375.5*	1937.8
52.5°	1450.4	1448.9	1485.1	1501.7	1502.2	1413.7	1481.5	1948.2	2566.5	*2574.0*	2094.7
55°	1398.7	1403.1	1461.6	1528.9	1555.5	1501.7	1592.3	2107.3	2772.5	*2775.6*	2250.0
57.5°	1145.6	1169.9	1299.3	1455.4	1590.0	1627.7	1751.5	2293.4	3010.4	*3007.5*	2407.3
60°	695.2	724.2	879.0	1220.6	1477.6	1754.3	1986.0	2581.8	3270.2	*3262.2*	2566.5
62.5°	388.8	397.6	447.0	730.7	1123.8	1673.8	2215.0	2952.1	3619.1	*3592.0*	2723.1
65°	286.5	289.4	301.0	358.0	552.3	1287.4	2164.8	3395.0	4109.3	*4060.9*	2910.7
67.5°	249.0	251.8	263.2	271.0	246.7	676.3	1783.6	3640.6	4731.8	*4668.4*	3164.6
70°	209.6	211.2	229.6	234.8	176.5	257.3	1145.8	3564.8	5308.0	*5262.7*	3437.2
72.5°	*156.3*	*162.5*	*189.2*	*201.6*	*141.6*	*136.7*	*539.4*	*3116.8*	*5405.5*	*5406.1*	*3418.8*
75°	106.1	111.8	142.4	165.9	109.2	95.8	217.7	2327.3	4707.0	*4707.0*	2996.9
77.5°	72.5	77.1	99.1	130.2	82.8	65.7	112.8	1477.1	3376.9	*3495.7*	2136.1
80°	32.1	34.9	63.9	94.5	62.9	42.4	63.9	808.8	2042.1	*2017.0*	837.3
82.5°	15.8	18.1	40.9	59.0	40.6	26.1	33.6	384.6	661.8	*628.9*	130.7
85°	3.1	4.1	22.0	25.1	18.9	11.6	12.7	118.3	79.7	*91.1*	27.7
87.5°	0.0	0.0	6.7	4.7	2.1	2.6	2.6	10.6	6.2	*7.2*	7.2
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°	689.5	689.5	689.5	689.5	689.5	689.5	689.5	689.5	689.5	689.5	689.5
2.5°	691.8	682.3	661.3	640.6	619.4	600.0	586.5	573.0	564.8	561.1	561.6
5°	697.3	677.9	633.9	587.8	542.2	497.7	464.3	433.0	423.2	406.9	407.9
7.5°	705.8	674.2	604.9	527.2	453.2	388.0	340.9	303.3	288.3	273.8	273.6
10°	711.5	667.5	566.6	462.8	362.6	289.4	244.3	217.2	207.3	198.5	198.3
12.5°	713.8	655.1	522.6	390.6	282.1	220.5	193.6	180.9	177.6	174.4	174.4
15°	715.9	642.9	473.4	320.9	222.8	184.5	173.9	169.8	167.5	165.4	165.4
17.5°	717.7	627.4	417.2	260.9	188.2	170.0	164.9	160.5	158.7	156.3	156.3
20°	723.9	612.4	367.0	215.3	169.3	159.7	154.0	149.3	147.8	146.2	146.5
22.5°	735.6	600.2	318.4	184.5	157.9	149.1	141.8	136.7	135.6	134.6	133.8
25°	749.6	585.2	272.5	164.6	146.8	136.9	128.9	124.5	123.5	123.7	123.2
27.5°	767.4	568.6	233.2	151.9	136.9	125.5	116.5	113.1	113.6	114.7	114.1
30°	787.1	553.4	202.4	143.1	128.1	115.4	106.4	104.0	105.9	107.4	106.9
32.5°	816.3	539.9	180.9	136.1	120.4	107.2	99.9	97.1	99.1	101.2	100.7
35°	856.2	533.2	168.8	130.2	113.6	100.7	93.4	91.4	93.4	94.0	93.7
37.5°	905.1	532.7	163.6	125.3	107.4	95.2	87.2	86.4	88.0	88.3	87.7
40°	968.3	536.0	159.7	121.6	100.9	89.0	81.5	80.8	81.3	83.1	82.8
42.5°	1048.2	550.0	154.3	117.0	94.0	82.8	76.9	75.1	74.8	76.9	76.6
45°	1148.7	580.8	147.0	109.5	87.7	77.6	71.7	69.6	68.8	69.4	70.1
47.5°	1258.1	618.6	139.8	102.5	83.3	73.5	67.6	65.0	63.7	63.7	63.7
50°	1364.3	661.3	134.8	95.2	80.2	69.6	63.2	60.6	58.5	58.0	57.7
52.5°	1469.3	703.2	131.0	88.0	76.6	64.7	59.0	56.2	53.8	52.8	52.3
55°	1565.1	743.1	124.2	81.0	72.0	59.5	54.9	52.0	49.2	47.4	46.6
57.5°	1657.0	776.2	111.8	73.8	64.7	54.6	50.5	47.4	44.0	41.7	40.6
60°	1740.6	793.3	96.3	66.0	57.5	49.4	45.6	42.7	38.3	34.4	33.4
62.5°	1804.3	786.6	79.5	57.2	50.0	44.8	39.9	37.0	31.8	27.2	25.4
65°	1869.5	749.8	63.4	47.9	43.7	38.6	33.4	30.5	24.6	19.7	18.4
67.5°	1954.1	671.4	50.0	39.9	37.8	30.5	26.1	24.3	20.2	15.5	14.5
70°	2008.5	521.5	38.8	32.4	31.1	22.3	20.2	19.9	16.0	11.9	10.6
72.5°	*1859.4*	*341.9*	*29.8*	*24.6*	*22.3*	*14.5*	*15.5*	*15.5*	*11.6*	*8.0*	*7.0*
75°	1552.2	200.1	21.5	17.6	12.7	9.3	10.6	10.6	7.2	3.9	3.1
77.5°	1108.5	106.6	14.2	10.9	6.5	4.1	5.7	5.4	2.3	0.3	0.0
80°	424.0	36.8	6.7	4.4	1.8	0.8	0.5	0.3	0.3	0.0	0.0
82.5°	64.7	9.6	1.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	11.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.6	0.0	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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SS

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(END OF REPORT)