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: P1201216

Luminaire Tested: GWC-SB1A-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:	P1201216
	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-SB1A-827-U-SL2-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 350mA 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:	3179 lumens
Efficiency:	N/A
Efficacy:	102.9 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):	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

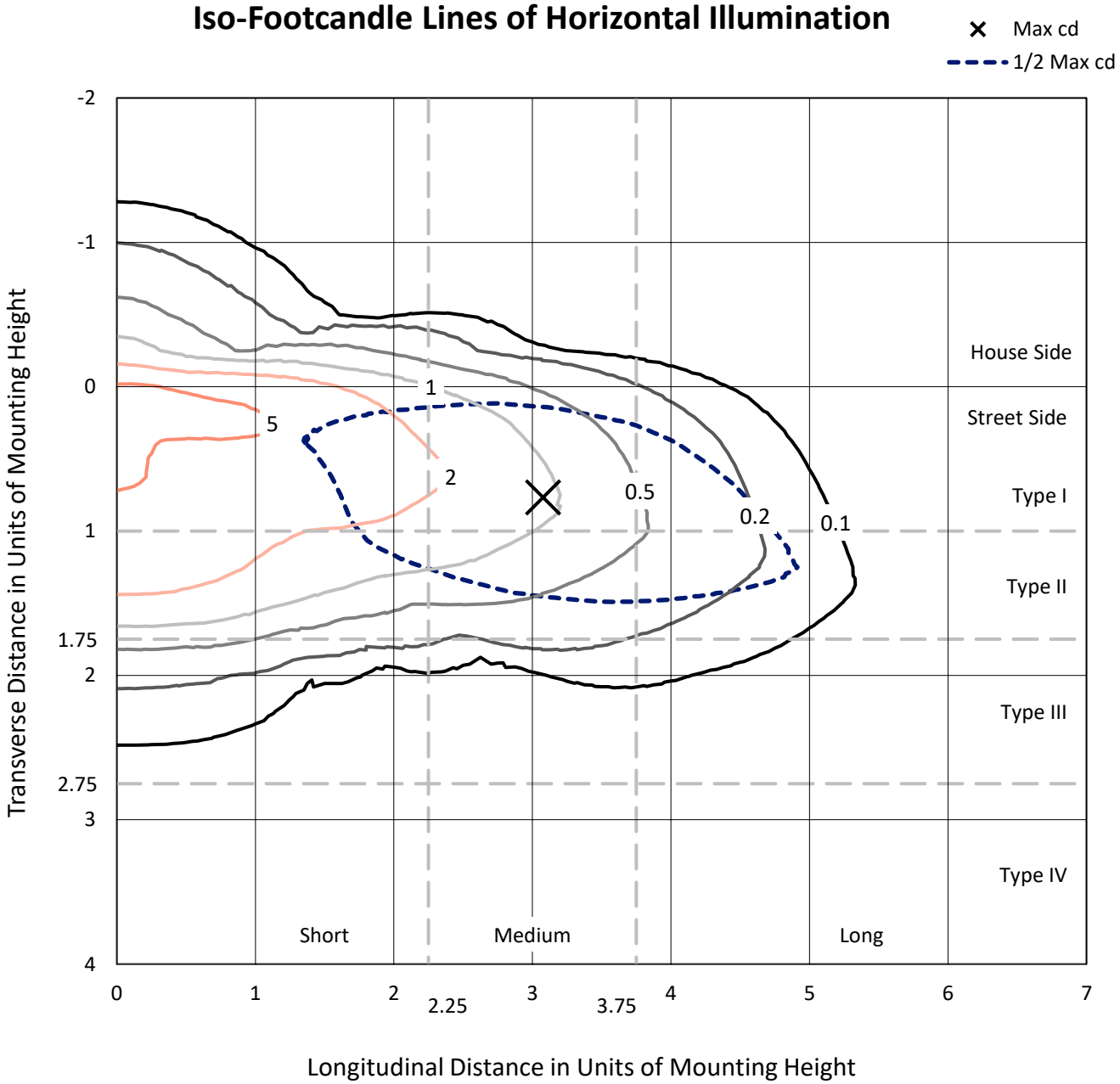


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Iso-Footcandle Lines of Horizontal Illumination



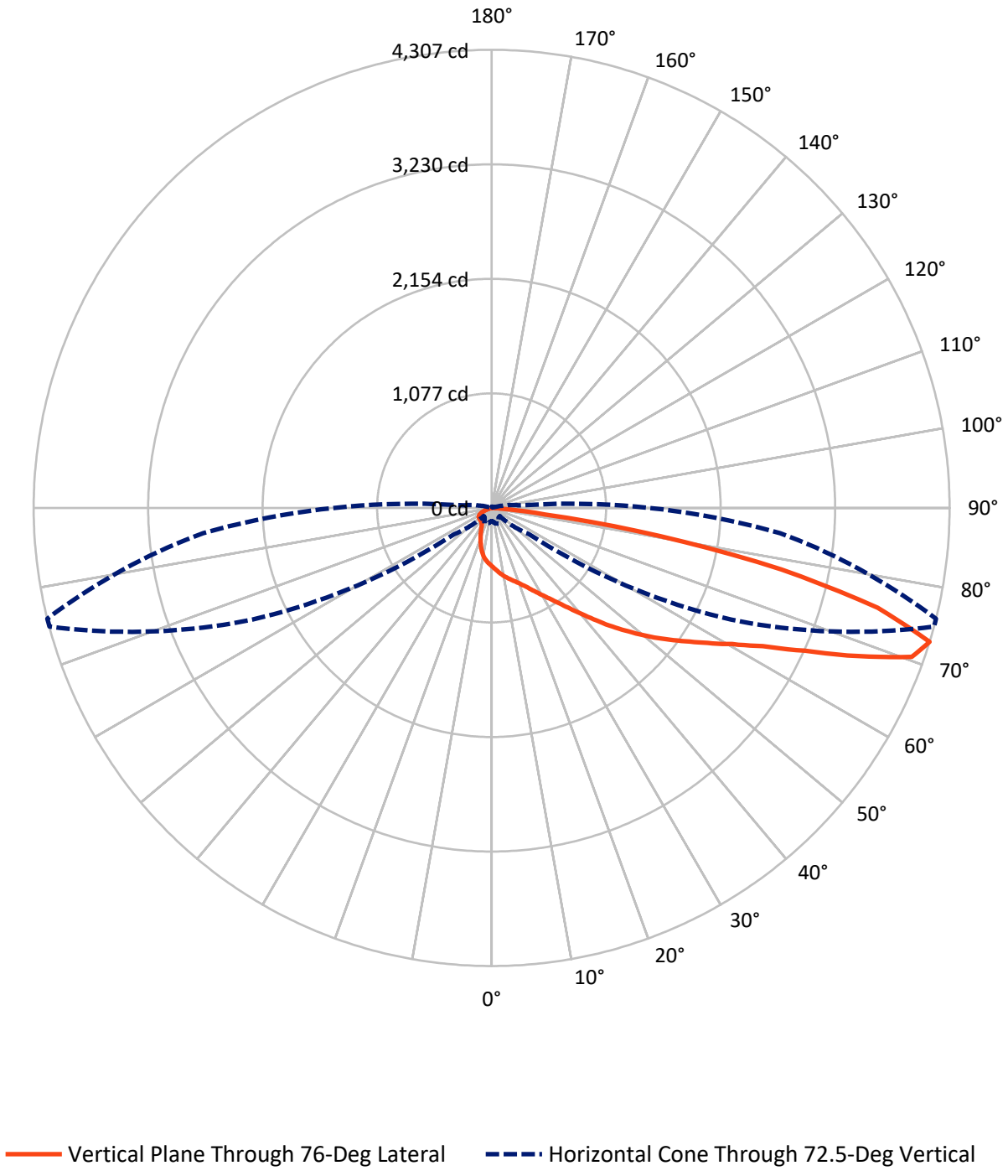
Based on 10 foot mounting height. Maximum calculated value = 7.2 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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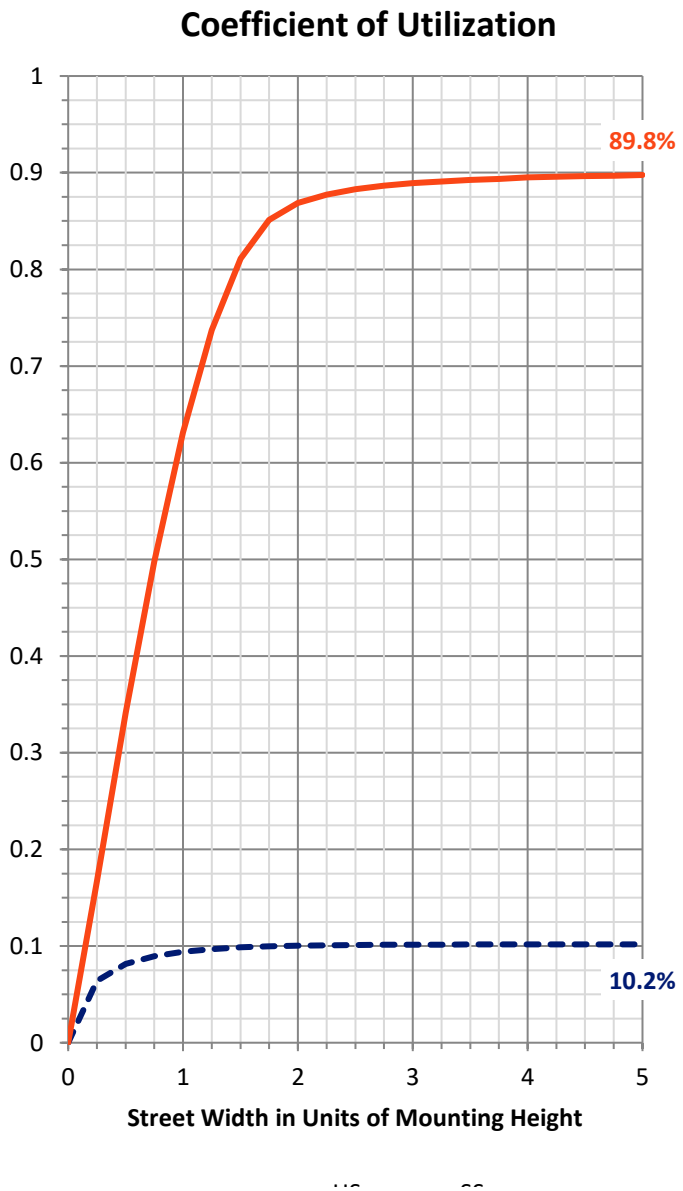
REPORT NUMBER: P1201216
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	325.4	0.0	325.4
	% Fixture	10.2	0.0	10.2
Street Side	Lumens	2853.6	0.0	2853.6
	% Fixture	89.8	0.0	89.8
Total	Lumens	3179.0	0.0	3179.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.0	1.6
10°-20°	134.0	4.2
20°-30°	212.0	6.7
30°-40°	328.1	10.3
40°-50°	498.3	15.7
50°-60°	686.9	21.6
60°-70°	725.7	22.8
70°-80°	497.8	15.7
80°-90°	46.3	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°	3179.0	100.0
0°-180°	3179.0	100.0



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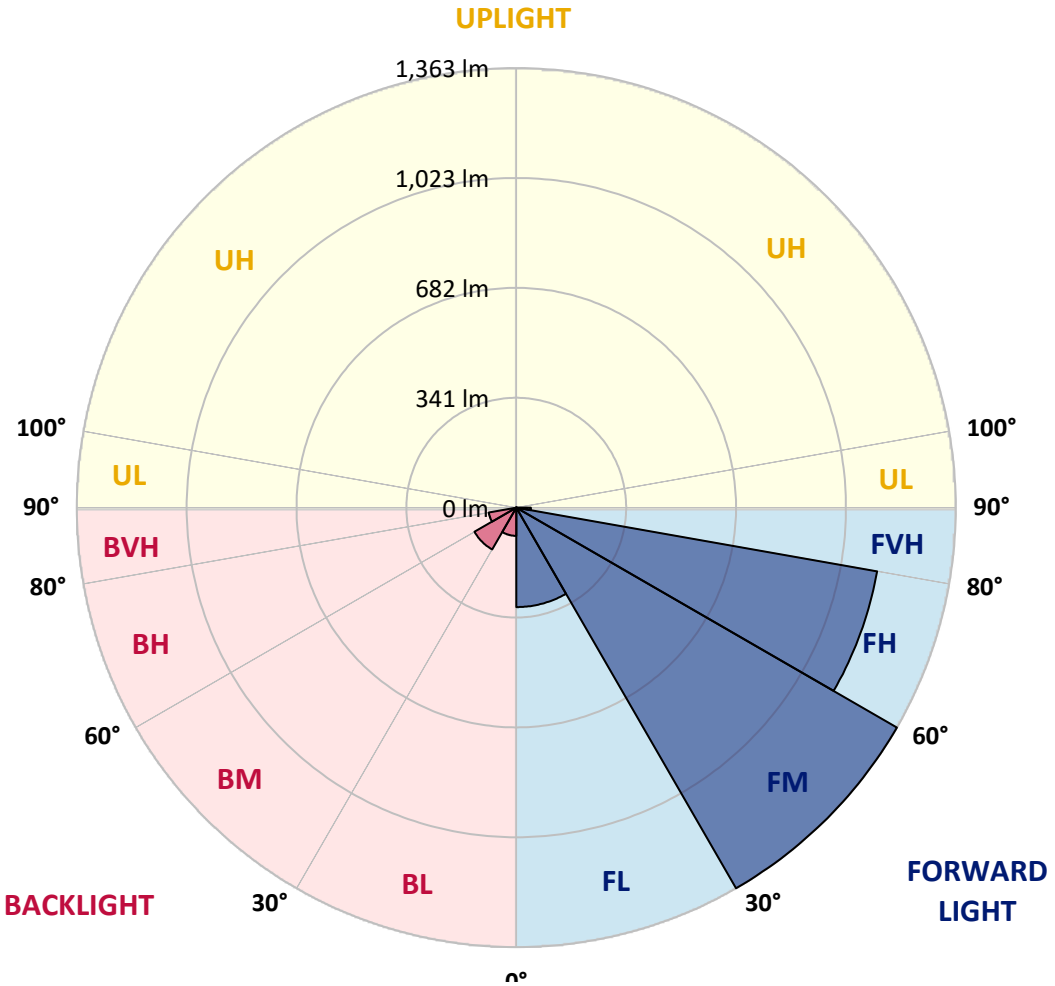
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	308.5	9.7			
FM	(30°-60°)	1363.4	42.9			
FH	(60°-80°)	1136.6	35.8			G1/1800
FVH	(80°-90°)	45.1	1.4			G1/100
BL	(0°-30°)	87.5	2.8	B0/110		
BM	(30°-60°)	149.8	4.7	B0/220		
BH	(60°-80°)	86.9	2.7	B0/110		G0/110
BVH	(80°-90°)	1.3	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°	549.4	549.4	549.4	549.4	549.4	549.4	549.4	549.4	549.4	*549.4*	549.4
2.5°	638.7	630.2	631.8	623.4	619.5	610.0	600.1	587.1	572.7	*572.7*	558.6
5°	705.9	700.5	700.5	690.6	683.0	668.1	650.4	627.5	600.3	*597.6*	571.0
7.5°	747.1	743.8	745.9	740.1	733.9	718.5	697.4	667.5	629.0	*625.7*	585.7
10°	755.2	755.0	760.7	762.4	766.5	758.7	739.9	705.5	657.2	*652.5*	598.2
12.5°	724.0	720.1	734.3	751.0	774.5	785.1	775.4	740.1	683.0	*676.4*	610.0
15°	672.9	673.7	687.3	713.1	752.3	789.8	802.4	773.9	709.2	*701.3*	621.1
17.5°	643.6	640.5	652.3	675.4	718.7	771.7	815.0	805.5	737.0	*728.1*	632.5
20°	640.1	639.9	642.6	653.1	686.1	745.7	813.5	836.2	769.8	*759.5*	648.8
22.5°	664.4	664.0	661.7	659.7	668.8	720.3	807.3	865.5	809.0	*797.8*	671.9
25°	701.8	701.1	697.6	685.0	676.2	706.7	801.6	892.7	855.4	*843.0*	699.9
27.5°	747.3	746.9	740.5	721.5	698.7	707.9	798.7	920.8	909.0	*896.8*	732.3
30°	803.2	802.4	789.2	762.4	732.5	727.5	802.6	952.3	964.9	*955.6*	769.6
32.5°	873.3	871.1	853.7	813.3	771.5	753.7	810.0	984.7	1031.1	*1022.4*	819.5
35°	927.6	924.1	913.9	878.3	816.6	785.9	827.3	1023.0	1110.7	*1103.0*	883.2
37.5°	974.2	970.7	962.4	933.1	881.4	826.9	855.2	1074.2	1204.7	*1201.0*	961.0
40°	1024.5	1018.7	1014.8	983.4	936.6	886.1	895.0	1134.0	1313.0	*1313.4*	1054.4
42.5°	1063.2	1061.0	1061.4	1037.3	990.0	956.2	947.8	1201.4	1442.7	*1446.6*	1166.8
45°	1096.4	1094.6	1102.2	1085.3	1043.9	1002.2	1009.6	1277.7	1584.6	*1592.6*	1292.6
47.5°	1122.0	1124.1	1135.0	1124.1	1099.7	1034.6	1064.5	1360.0	1733.7	*1734.7*	1422.5
50°	1147.6	1148.4	1166.6	1161.2	1151.3	1075.6	1115.0	1452.0	1890.8	*1892.6*	1543.9
52.5°	1155.6	1154.4	1183.3	1196.5	1196.9	1126.4	1180.4	1552.2	2044.8	*2050.8*	1668.9
55°	1114.4	1117.9	1164.5	1218.1	1239.4	1196.5	1268.6	1679.0	2209.0	*2211.5*	1792.6
57.5°	912.7	932.1	1035.2	1159.6	1266.8	1296.9	1395.5	1827.3	2398.5	*2396.2*	1918.0
60°	553.9	577.0	700.3	972.5	1177.3	1397.7	1582.3	2057.0	2605.5	*2599.1*	2044.8
62.5°	309.7	316.7	356.1	582.1	895.4	1333.6	1764.8	2352.1	2883.5	*2861.9*	2169.6
65°	228.3	230.5	239.8	285.2	440.1	1025.7	1724.8	2704.9	3274.1	*3235.5*	2319.1
67.5°	198.4	200.6	209.7	215.9	196.5	538.8	1421.0	2900.6	3770.0	*3719.5*	2521.4
70°	167.0	168.3	182.9	187.0	140.6	205.0	912.9	2840.2	4229.1	*4193.0*	2738.5
72.5°	*124.6*	*129.5*	*150.7*	*160.6*	*112.8*	*108.9*	*429.8*	*2483.3*	*4306.8*	*4307.2*	*2723.9*
75°	84.5	89.1	113.4	132.2	87.0	76.3	173.4	1854.3	3750.2	*3750.2*	2387.8
77.5°	57.7	61.5	79.0	103.7	66.0	52.4	89.9	1176.9	2690.5	*2785.2*	1701.9
80°	25.6	27.8	50.9	75.3	50.1	33.8	50.9	644.4	1627.0	*1607.0*	667.1
82.5°	12.6	14.4	32.6	47.0	32.4	20.8	26.8	306.4	527.3	*501.1*	104.1
85°	2.5	3.3	17.5	20.0	15.1	9.3	10.1	94.2	63.5	*72.6*	22.1
87.5°	0.0	0.0	5.4	3.7	1.6	2.1	2.1	8.5	4.9	*5.8*	5.8
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°	549.4	549.4	549.4	549.4	549.4	549.4	549.4	549.4	549.4	549.4	549.4
2.5°	551.2	543.6	526.9	510.4	493.5	478.0	467.3	456.6	450.0	447.1	447.5
5°	555.5	540.1	505.0	468.3	432.0	396.6	370.0	345.0	337.2	324.2	325.0
7.5°	562.4	537.2	481.9	420.1	361.1	309.1	271.6	241.7	229.7	218.2	218.0
10°	566.9	531.8	451.4	368.7	288.9	230.5	194.7	173.0	165.2	158.2	158.0
12.5°	568.7	521.9	416.3	311.2	224.8	175.7	154.2	144.1	141.5	139.0	139.0
15°	570.4	512.2	377.2	255.7	177.6	147.0	138.6	135.3	133.4	131.8	131.8
17.5°	571.8	499.9	332.4	207.9	149.9	135.5	131.4	127.9	126.4	124.6	124.6
20°	576.8	487.9	292.4	171.6	134.9	127.2	122.7	119.0	117.7	116.5	116.7
22.5°	586.1	478.2	253.6	147.0	125.8	118.8	113.0	108.9	108.1	107.2	106.6
25°	597.2	466.3	217.1	131.2	116.9	109.1	102.7	99.2	98.4	98.6	98.2
27.5°	611.4	453.1	185.8	121.0	109.1	100.0	92.8	90.1	90.5	91.4	90.9
30°	627.1	440.9	161.3	114.0	102.1	92.0	84.8	82.9	84.3	85.6	85.2
32.5°	650.4	430.2	144.1	108.5	95.9	85.4	79.6	77.3	79.0	80.6	80.2
35°	682.2	424.8	134.5	103.7	90.5	80.2	74.4	72.8	74.4	74.9	74.7
37.5°	721.1	424.4	130.3	99.8	85.6	75.9	69.5	68.9	70.1	70.3	69.9
40°	771.5	427.1	127.2	96.9	80.4	70.9	65.0	64.3	64.8	66.2	66.0
42.5°	835.2	438.2	122.9	93.2	74.9	66.0	61.2	59.8	59.6	61.2	61.0
45°	915.2	462.7	117.1	87.2	69.9	61.9	57.1	55.5	54.9	55.3	55.9
47.5°	1002.4	492.9	111.4	81.7	66.4	58.6	53.8	51.8	50.7	50.7	50.7
50°	1087.0	526.9	107.4	75.9	63.9	55.5	50.3	48.3	46.6	46.2	46.0
52.5°	1170.7	560.3	104.3	70.1	61.0	51.6	47.0	44.7	42.9	42.1	41.7
55°	1247.0	592.0	99.0	64.5	57.3	47.4	43.7	41.4	39.2	37.7	37.1
57.5°	1320.2	618.4	89.1	58.8	51.6	43.5	40.2	37.7	35.1	33.2	32.4
60°	1386.8	632.1	76.7	52.6	45.8	39.4	36.3	34.0	30.5	27.4	26.6
62.5°	1437.5	626.7	63.3	45.6	39.8	35.7	31.8	29.5	25.4	21.7	20.2
65°	1489.5	597.4	50.5	38.1	34.9	30.7	26.6	24.3	19.6	15.7	14.6
67.5°	1556.9	534.9	39.8	31.8	30.1	24.3	20.8	19.4	16.1	12.4	11.5
70°	1600.2	415.5	30.9	25.8	24.7	17.7	16.1	15.9	12.8	9.5	8.5
72.5°	*1481.5*	*272.4*	*23.7*	*19.6*	*17.7*	*11.5*	*12.4*	*12.4*	*9.3*	*6.4*	*5.6*
75°	1236.7	159.4	17.1	14.0	10.1	7.4	8.5	8.5	5.8	3.1	2.5
77.5°	883.2	85.0	11.3	8.7	5.2	3.3	4.5	4.3	1.9	0.2	0.0
80°	337.8	29.3	5.4	3.5	1.4	0.6	0.4	0.2	0.2	0.0	0.0
82.5°	51.6	7.6	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	9.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.1	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)