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: P1201140

Luminaire Tested: GWC-SB1A-735-U-T3-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201140
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-6)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1A-735-U-T3-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE III OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3537 lumens
Efficiency:	N/A
Efficacy:	114.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
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

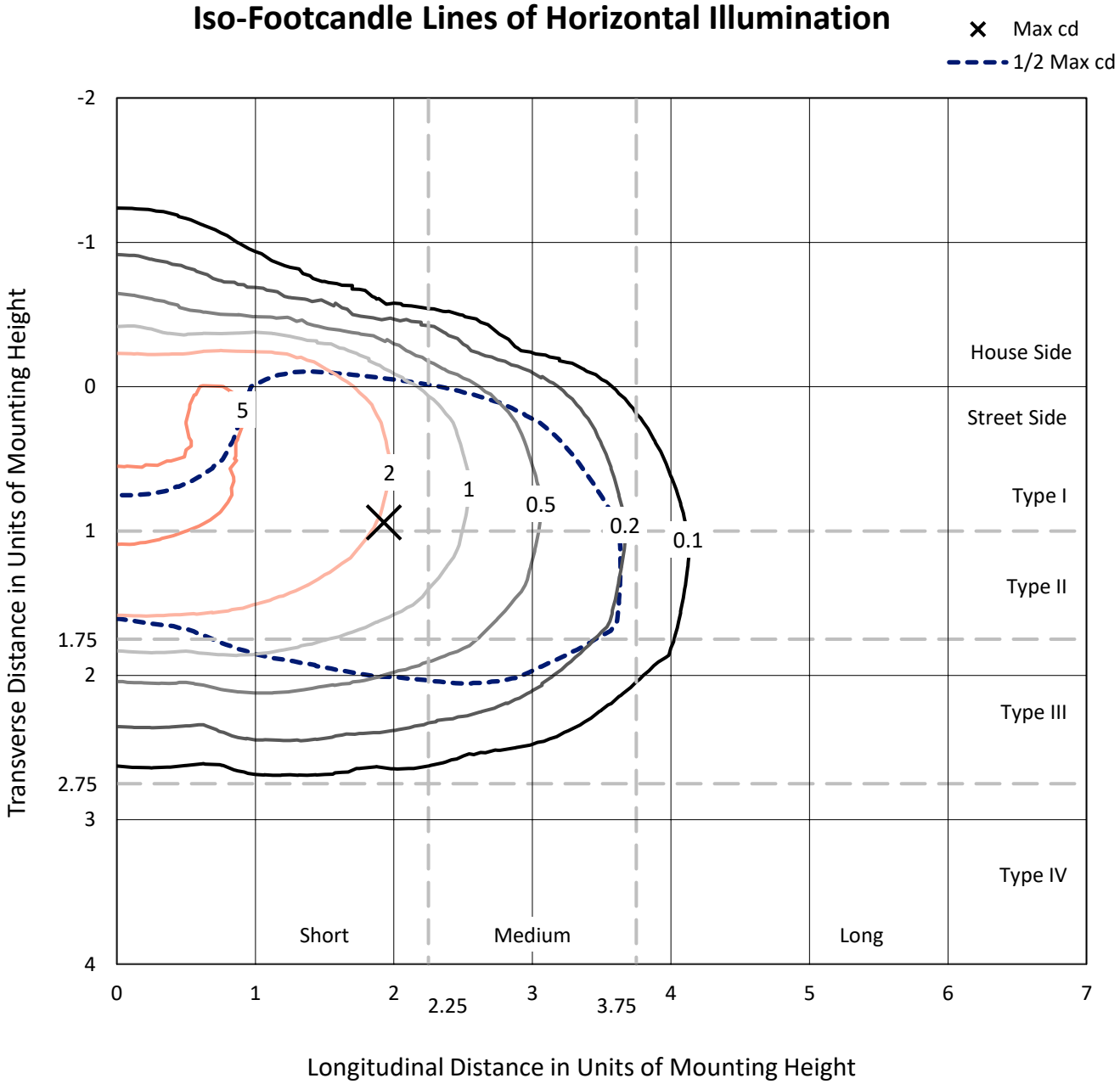


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Iso-Footcandle Lines of Horizontal Illumination



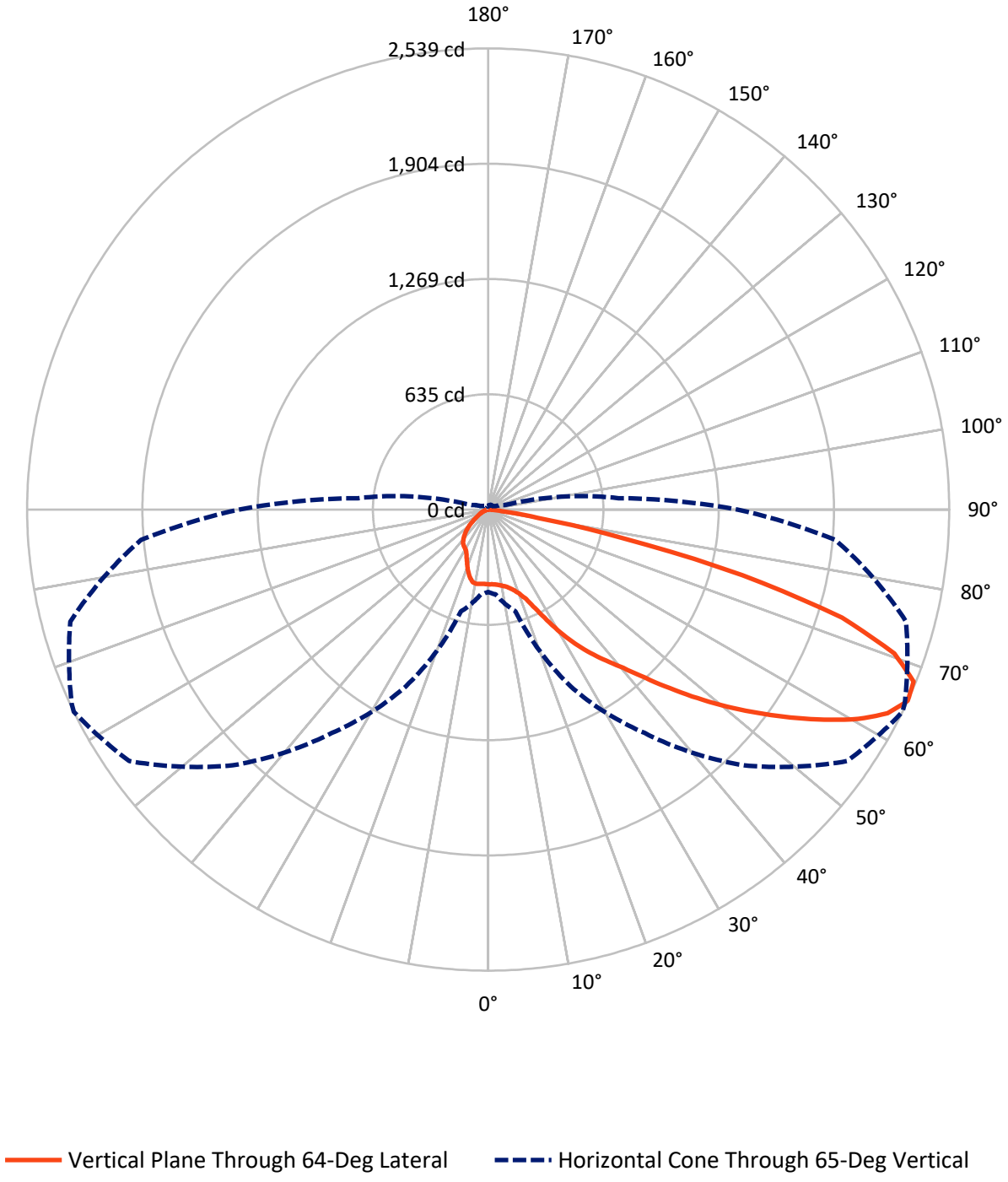
Based on 10 foot mounting height. Maximum calculated value = 6.5 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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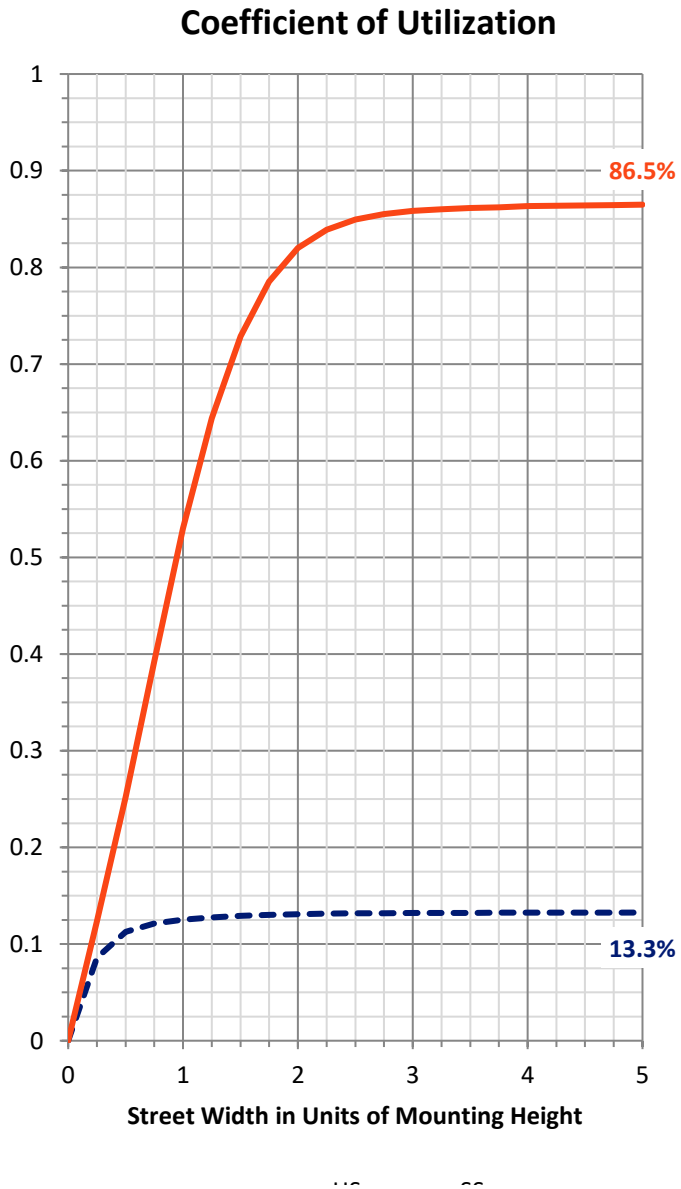
REPORT NUMBER: P1201140
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	473.0	0.0	473.0
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	3064.0	0.0	3064.0
	% Fixture	86.6	0.0	86.6
Total	Lumens	3537.0	0.0	3537.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.0	1.1
10°-20°	102.9	2.9
20°-30°	195.1	5.5
30°-40°	394.7	11.2
40°-50°	672.4	19.0
50°-60°	914.4	25.9
60°-70°	858.7	24.3
70°-80°	344.0	9.7
80°-90°	16.7	0.5
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°	3537.0	100.0
0°-180°	3537.0	100.0



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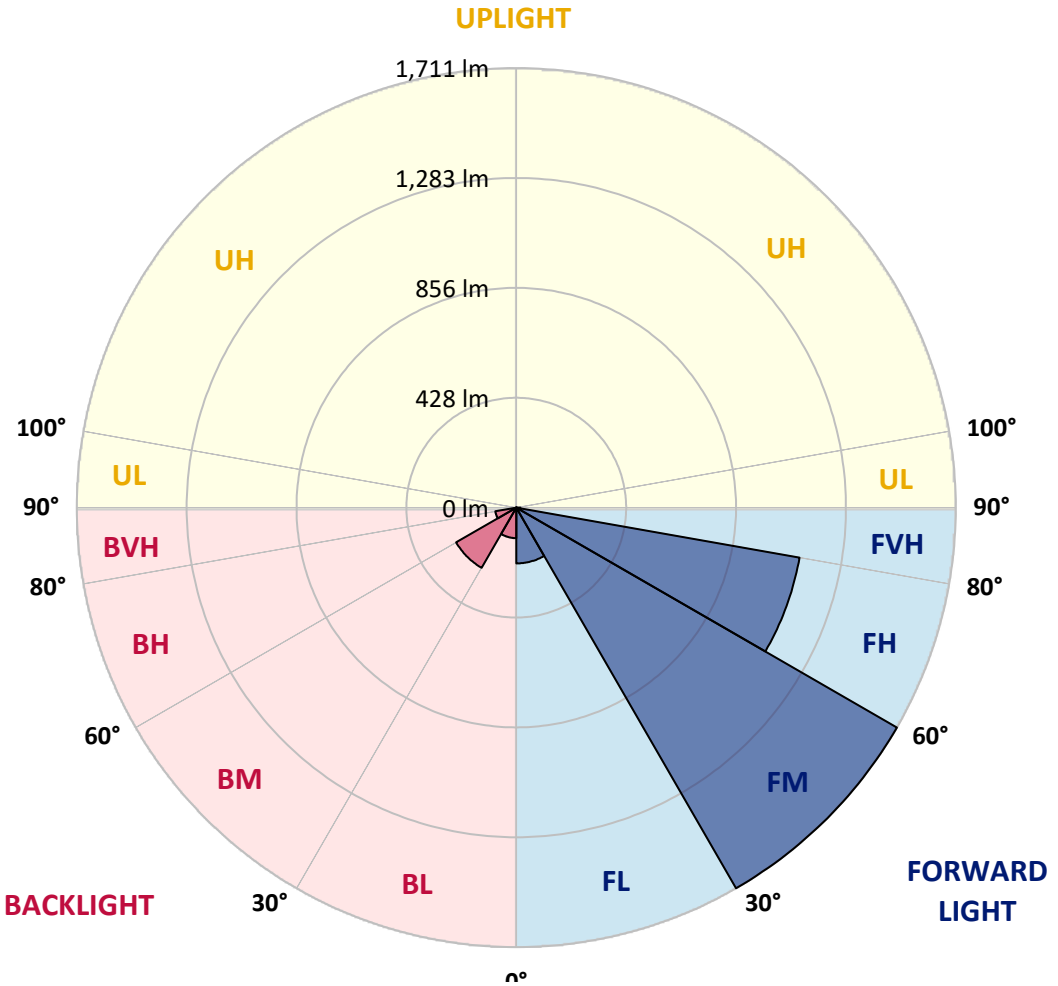
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	217.2	6.1			
FM	(30°-60°)	1711.2	48.4			
FH	(60°-80°)	1119.7	31.7			G1/1800
FVH	(80°-90°)	15.9	0.4			G1/100
BL	(0°-30°)	118.8	3.4	B1/500		
BM	(30°-60°)	270.4	7.6	B1/1000		
BH	(60°-80°)	83.0	2.3	B0/110		G0/110
BVH	(80°-90°)	0.8	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	411.4	411.4	411.4	411.4	411.4	411.4	411.4	*411.4*	411.4	411.4	411.4
2.5°	410.0	412.8	412.1	411.4	411.2	411.6	411.9	*411.6*	411.6	411.6	411.9
5°	402.1	404.5	404.5	406.2	408.5	411.4	413.5	*414.0*	414.5	415.2	414.9
7.5°	387.2	389.1	390.5	396.0	401.9	409.5	415.9	*419.2*	419.7	422.3	423.2
10°	377.0	379.4	381.8	387.4	396.0	407.4	418.3	*426.3*	427.5	433.7	436.5
12.5°	376.5	378.9	382.0	388.2	398.1	410.2	423.5	*435.1*	437.2	446.2	452.2
15°	381.5	384.4	387.2	394.8	405.5	420.2	434.4	*448.9*	451.0	463.8	470.2
17.5°	391.7	395.5	397.6	405.2	416.6	433.0	451.7	*468.3*	470.2	485.1	493.2
20°	411.9	416.4	417.1	423.2	434.4	451.9	474.2	*494.9*	497.2	514.3	523.3
22.5°	453.6	460.0	454.3	457.4	467.3	484.9	509.1	*535.2*	538.5	557.9	566.0
25°	527.1	536.1	521.4	516.2	520.5	538.7	569.1	*602.0*	605.8	621.5	625.5
27.5°	671.5	659.9	637.6	615.8	603.0	613.4	647.6	*688.3*	693.1	708.3	703.5
30°	830.1	819.9	789.8	741.5	711.1	709.4	741.0	*786.5*	792.0	806.4	792.0
32.5°	989.0	979.3	946.6	887.0	834.4	808.3	830.1	*880.6*	883.5	892.7	871.4
35°	1145.3	1135.3	1102.6	1041.6	976.9	917.6	913.4	*970.3*	971.2	980.9	949.2
37.5°	1302.5	1294.2	1259.3	1199.6	1135.8	1054.0	1014.4	*1055.1*	1056.3	1065.8	1032.9
40°	1414.6	1418.2	1394.2	1348.0	1293.2	1203.8	1127.7	*1145.5*	1138.4	1154.3	1134.6
42.5°	1510.9	1518.0	1497.1	1473.9	1442.1	1363.4	1268.1	*1265.0*	1253.6	1262.1	1241.8
45°	1594.1	1600.0	1581.3	1575.8	1575.1	1519.9	1421.5	*1403.0*	1387.1	1385.4	1361.0
47.5°	1624.7	1636.1	1644.1	1662.4	1698.0	1674.7	1580.1	*1551.4*	1533.6	1520.6	1482.0
50°	1636.3	1648.4	1675.9	1729.0	1813.2	1823.2	1738.0	*1705.8*	1684.0	1660.3	1603.4
52.5°	1620.7	1642.2	1679.2	1768.6	1890.7	1942.2	1889.5	*1861.3*	1836.4	1797.8	1713.4
55°	1528.4	1550.0	1625.6	1768.1	1929.4	2025.7	2032.8	*2020.2*	1992.2	1931.3	1802.3
57.5°	1334.0	1366.0	1485.7	1707.9	1928.7	2097.5	2173.1	*2182.1*	2150.8	2063.6	1872.2
60°	1064.6	1108.0	1254.1	1574.4	1869.2	2136.4	2296.2	*2341.2*	2308.1	2194.0	1928.9
62.5°	742.9	793.1	931.4	1365.3	1733.1	2108.4	2386.1	*2469.3*	2444.2	2310.7	1950.7
65°	*453.1*	*469.2*	*580.7*	*1074.4*	*1501.6*	*1991.3*	*2413.8*	*2538.5*	*2530.2*	*2382.0*	*1918.5*
67.5°	301.8	315.4	347.4	736.7	1165.6	1757.2	2347.4	*2526.4*	2528.8	2370.4	1800.4
70°	181.9	193.5	214.3	428.5	755.4	1390.9	2141.8	*2372.3*	2386.1	2215.1	1576.6
72.5°	74.9	82.8	101.7	194.2	391.2	882.8	1705.5	*2036.8*	2068.8	1862.5	1210.0
75°	42.4	46.5	59.8	97.5	169.8	411.4	1033.1	*1445.9*	1493.1	1283.7	727.9
77.5°	28.2	30.1	38.6	63.1	95.6	140.4	441.5	*753.3*	843.4	701.1	315.1
80°	19.0	20.6	26.6	42.2	62.1	60.2	140.6	*279.1*	343.3	240.9	76.8
82.5°	12.8	13.0	19.0	27.7	39.4	29.2	41.5	*86.8*	109.1	69.7	29.2
85°	7.4	7.1	14.0	16.1	17.5	12.1	12.6	*26.1*	34.1	29.4	16.6
87.5°	0.9	1.4	5.5	4.3	2.4	2.6	2.6	*4.5*	6.6	7.1	3.6
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°	411.4	411.4	411.4	411.4	411.4	411.4	411.4	411.4	411.4	411.4	411.4
2.5°	411.9	411.6	410.9	410.2	408.5	407.6	408.1	407.6	407.4	407.6	408.5
5°	414.9	414.2	412.3	410.0	406.6	402.6	400.0	396.2	392.7	390.5	391.0
7.5°	423.2	422.5	419.9	413.3	402.6	385.8	370.4	356.9	346.7	340.7	341.0
10°	436.5	435.3	431.3	416.6	388.6	351.9	321.3	295.9	279.3	271.5	270.8
12.5°	452.2	450.8	443.6	413.5	362.1	304.7	262.5	234.3	218.9	212.0	211.3
15°	470.7	468.8	454.8	398.8	323.4	252.5	213.9	192.8	182.8	176.6	176.9
17.5°	493.7	490.3	463.1	376.8	281.5	212.7	184.0	168.1	159.3	153.4	152.9
20°	523.5	518.1	469.7	350.5	242.8	187.6	163.8	150.6	143.9	138.7	137.8
22.5°	565.3	557.5	477.8	322.0	215.5	170.2	148.9	139.2	133.7	127.8	126.9
25°	617.0	607.7	487.7	295.7	196.8	155.3	138.0	129.9	123.5	116.7	115.9
27.5°	689.3	672.7	499.6	274.1	180.7	142.5	128.0	119.0	111.7	106.0	104.8
30°	769.9	742.6	510.0	261.1	166.0	130.6	115.0	106.0	99.1	95.1	94.4
32.5°	846.3	809.3	516.9	255.4	152.7	117.1	100.8	91.1	85.8	84.6	85.4
35°	918.3	869.5	516.2	249.9	140.8	103.6	86.8	76.8	72.8	73.5	73.5
37.5°	1001.3	933.7	511.2	241.4	131.1	91.3	74.7	65.9	62.4	62.6	63.5
40°	1097.8	1008.0	508.1	225.3	120.5	79.9	64.7	57.6	55.0	54.1	53.8
42.5°	1200.7	1079.8	508.6	207.0	107.2	69.7	57.9	51.9	49.6	48.8	48.6
45°	1304.1	1148.3	509.3	188.0	93.2	61.9	52.9	47.9	46.5	45.5	45.5
47.5°	1401.3	1206.7	496.0	167.6	79.4	56.0	48.8	45.5	44.3	43.2	43.2
50°	1491.9	1245.6	464.0	143.9	68.5	51.2	45.8	43.4	42.2	41.0	41.0
52.5°	1562.3	1251.7	411.2	119.5	60.9	47.7	43.9	41.7	40.3	39.1	38.9
55°	1593.6	1213.1	336.0	96.7	55.0	44.6	42.0	39.8	38.2	37.0	36.8
57.5°	1585.6	1131.7	262.0	77.8	49.3	41.5	39.6	38.2	36.3	34.4	34.1
60°	1546.0	1022.9	197.5	64.7	44.1	38.2	37.0	35.8	33.2	30.4	29.9
62.5°	1477.4	886.1	140.8	53.6	38.4	34.4	33.9	33.0	29.2	23.9	23.5
65°	*1372.6*	*719.9*	*94.8*	*44.6*	*33.0*	*30.1*	*30.4*	*28.7*	*23.7*	*17.8*	*17.3*
67.5°	1219.5	526.4	60.7	36.5	27.5	25.1	25.4	24.4	20.2	15.2	14.5
70°	1024.3	348.6	39.6	27.7	22.1	19.4	20.9	21.1	17.1	12.3	11.9
72.5°	750.9	205.8	27.7	20.6	16.1	13.5	17.1	17.5	13.8	9.2	8.8
75°	428.0	97.7	20.9	14.9	10.0	9.5	13.3	13.3	9.5	6.2	5.7
77.5°	179.7	40.8	14.7	9.7	5.7	5.5	9.0	8.3	4.7	2.8	2.8
80°	51.9	18.3	7.8	4.7	2.4	2.1	3.6	2.6	1.2	0.5	0.5
82.5°	20.4	8.1	3.1	1.9	0.9	0.9	0.5	0.0	0.0	0.0	0.0
85°	12.1	3.3	1.4	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.1	0.7	0.5	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)