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: P1201142

Luminaire Tested: GWC-SB1A-735-U-T4FT-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201142
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-25)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1A-735-U-T4FT-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV FORWARD THROW OPT WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3414 lumens
Efficiency:	N/A
Efficacy:	110.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - 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

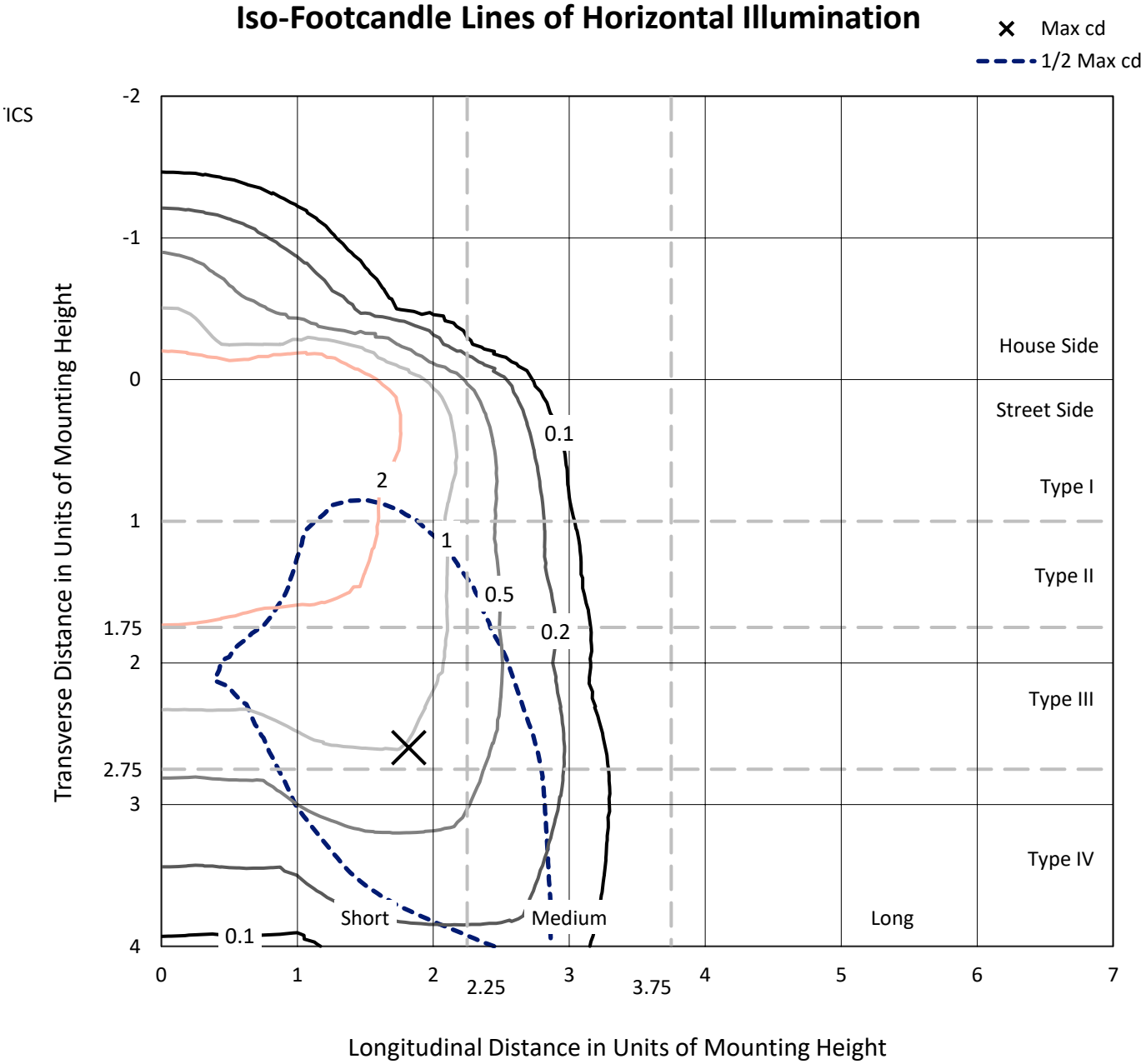


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Iso-Footcandle Lines of Horizontal Illumination



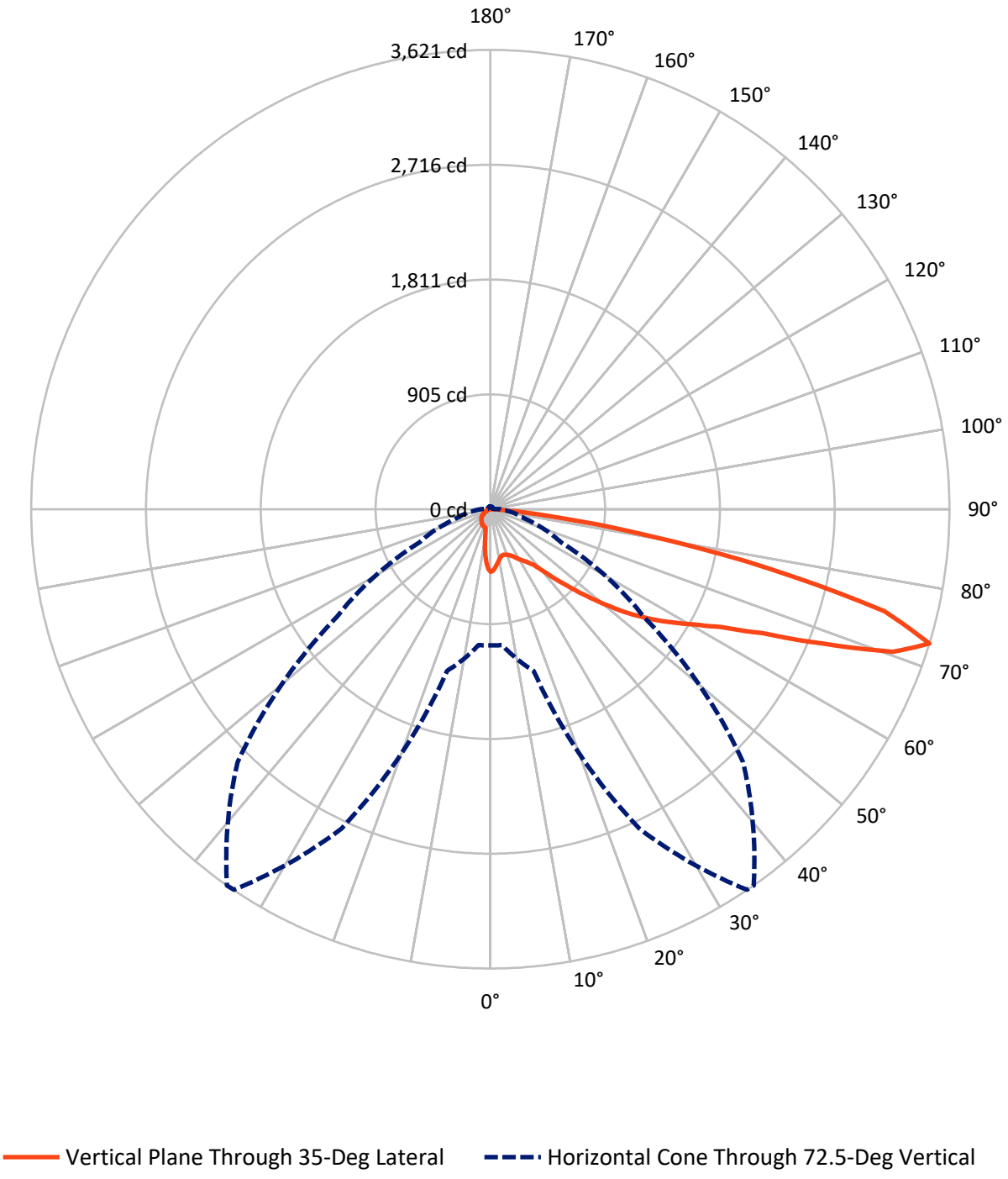
Based on 10 foot mounting height. Maximum calculated value = 4.9 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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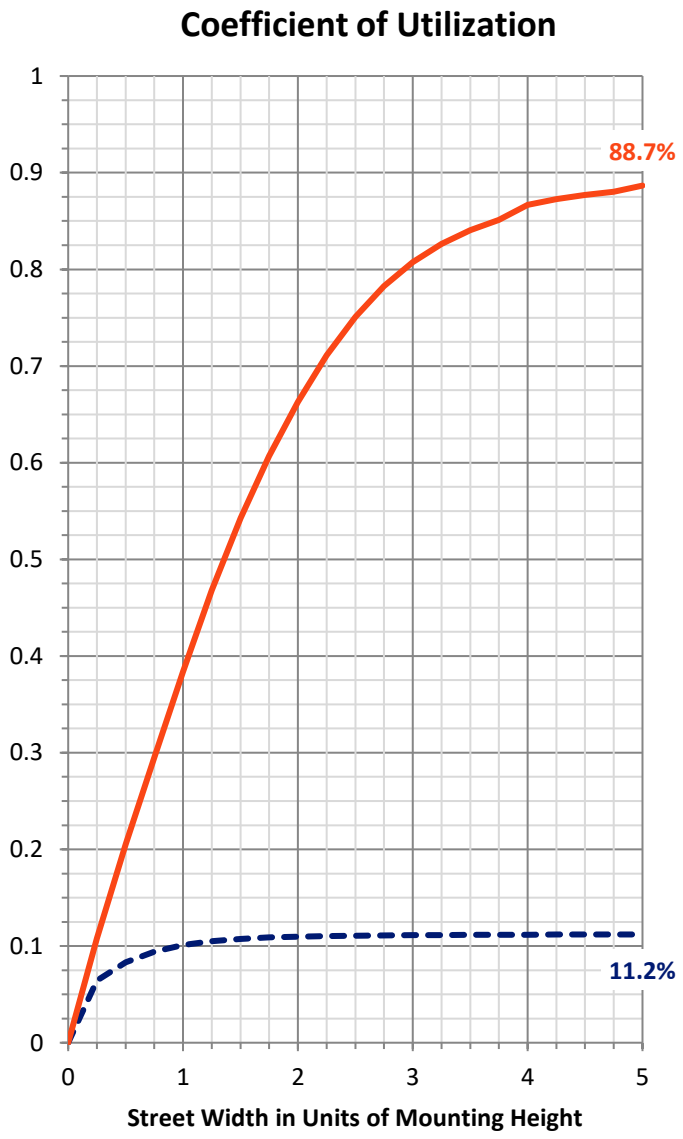
REPORT NUMBER: P1201142
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	384.2	0.0	384.2
	% Fixture	11.3	0.0	11.3
Street Side	Lumens	3029.8	0.0	3029.8
	% Fixture	88.7	0.0	88.7
Total	Lumens	3414.0	0.0	3414.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.7	1.2
10°-20°	95.1	2.8
20°-30°	154.5	4.5
30°-40°	257.8	7.6
40°-50°	487.8	14.3
50°-60°	775.1	22.7
60°-70°	958.8	28.1
70°-80°	596.0	17.5
80°-90°	48.2	1.4
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°	3414.0	100.0
0°-180°	3414.0	100.0



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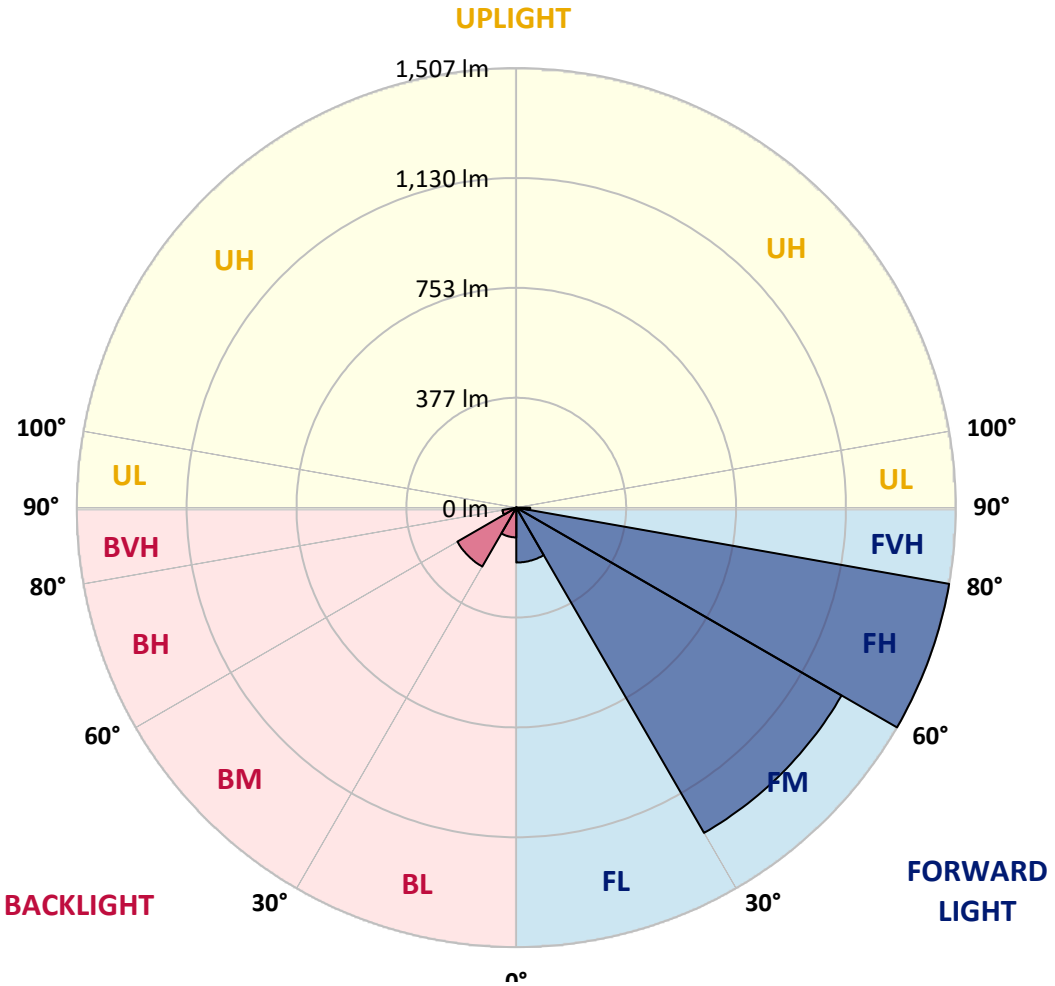
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	188.2	5.5			
FM	(30°-60°)	1287.4	37.7			
FH	(60°-80°)	1506.6	44.1			G1/1800
FVH	(80°-90°)	47.5	1.4			G1/100
BL	(0°-30°)	102.1	3.0	B0/110		
BM	(30°-60°)	233.3	6.8	B1/1000		
BH	(60°-80°)	48.2	1.4	B0/110		G0/110
BVH	(80°-90°)	0.7	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	494.8	494.8	494.8	494.8	494.8	*494.8*	494.8	494.8	494.8	494.8	494.8
2.5°	472.8	476.8	477.5	478.8	478.8	*480.3*	482.8	486.3	492.1	495.1	497.1
5°	435.8	438.8	442.5	445.5	451.3	*452.0*	461.8	471.3	484.5	494.6	501.6
7.5°	398.5	402.0	407.0	414.3	421.8	*424.0*	438.8	454.8	475.8	494.6	506.3
10°	372.2	372.5	377.0	384.2	396.2	*399.0*	417.0	439.8	466.0	491.6	510.8
12.5°	357.5	359.2	361.2	366.7	378.2	*380.0*	399.2	426.0	456.3	489.8	516.1
15°	357.5	358.7	360.0	362.7	372.0	*373.5*	390.5	417.3	451.3	490.6	524.6
17.5°	361.2	363.2	362.2	365.5	375.2	*376.2*	391.2	414.8	451.0	495.3	537.6
20°	370.2	371.7	369.7	371.7	381.5	*383.5*	399.0	419.5	455.3	503.6	553.8
22.5°	384.5	385.2	380.5	382.0	392.0	*394.5*	412.5	433.0	465.5	516.8	575.6
25°	402.5	404.0	396.7	398.5	408.0	*411.0*	431.8	453.3	481.8	535.1	603.4
27.5°	423.3	424.0	417.8	417.5	429.8	*434.0*	455.0	478.3	503.6	558.1	638.4
30°	447.0	449.3	443.3	442.3	457.8	*461.3*	482.0	509.1	535.6	592.6	688.2
32.5°	465.8	467.5	464.0	466.5	482.3	*485.0*	514.8	552.6	585.9	641.6	756.0
35°	492.8	493.8	485.8	490.3	508.3	*515.3*	559.6	613.6	649.1	703.2	844.5
37.5°	590.6	590.6	556.6	534.3	551.6	*557.8*	620.9	690.4	727.2	785.7	956.1
40°	725.9	723.7	673.9	628.4	626.1	*638.4*	708.2	787.2	828.0	884.8	1081.7
42.5°	870.3	866.8	799.0	754.0	746.5	*750.7*	809.0	906.6	948.1	1005.6	1216.7
45°	998.4	997.4	935.3	874.8	861.3	*874.8*	934.8	1046.1	1075.9	1136.4	1351.6
47.5°	1105.7	1105.7	1060.4	1020.9	1013.9	*1021.9*	1105.2	1201.0	1198.2	1275.8	1482.9
50°	1229.3	1228.3	1185.2	1168.2	1175.5	*1186.7*	1301.3	1364.1	1324.8	1412.6	1600.2
52.5°	1315.8	1321.8	1307.1	1304.3	1341.3	*1360.8*	1500.4	1523.7	1438.1	1542.4	1688.0
55°	1384.3	1391.4	1408.4	1427.6	1498.9	*1524.4*	1693.3	1675.0	1532.9	1655.0	1738.6
57.5°	1481.4	1471.4	1497.7	1535.7	1651.0	*1681.8*	1880.2	1817.9	1609.2	1746.3	1744.1
60°	1599.2	1600.7	1605.2	1653.3	1802.9	*1842.4*	2064.3	1952.9	1658.3	1802.4	1683.0
62.5°	1740.8	1743.1	1752.3	1826.1	2006.7	*2044.0*	2260.4	2063.5	1680.8	1786.6	1525.4
65°	1731.1	1740.6	1843.9	2096.3	2316.7	*2353.4*	2489.3	2141.1	1646.8	1642.5	1242.0
67.5°	1577.0	1592.5	1765.3	2419.0	2784.0	*2825.0*	2765.9	2156.3	1499.9	1277.3	810.2
70°	1374.8	1380.3	1588.2	2709.2	3325.0	*3366.6*	3013.6	1988.5	1138.2	712.4	363.0
72.5°	*1073.7*	*1074.9*	*1318.8*	*2776.5*	*3618.7*	*3621.0*	*2819.2*	*1476.2*	*612.1*	*273.7*	*126.1*
75°	767.0	759.5	883.3	2251.6	3183.7	*3209.2*	2113.5	692.4	233.9	129.3	62.8
77.5°	411.3	419.5	499.8	1335.3	2199.3	*2242.9*	1153.2	199.6	119.1	88.1	41.5
80°	127.1	134.1	204.9	611.4	1245.8	*1272.0*	427.5	88.8	83.1	62.8	27.3
82.5°	40.0	41.5	95.6	256.9	517.1	*529.1*	123.8	50.3	56.8	41.5	16.0
85°	11.5	11.8	42.5	95.8	127.8	*130.3*	34.8	19.5	32.5	25.8	8.3
87.5°	1.3	4.0	16.0	16.0	11.3	*11.0*	3.8	4.3	9.3	3.3	1.5
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°	494.8	494.8	494.8	494.8	494.8	494.8	494.8	494.8	494.8	494.8	494.8
2.5°	495.8	496.1	492.8	487.3	481.3	476.3	470.0	465.0	461.5	460.5	462.3
5°	499.3	497.6	488.3	471.5	451.5	434.3	415.0	399.7	389.7	385.5	387.0
7.5°	504.6	499.6	479.3	446.3	408.0	374.0	339.5	312.7	295.7	287.2	288.4
10°	509.1	499.1	464.3	409.8	351.2	299.7	253.2	220.9	202.9	194.4	194.6
12.5°	513.3	498.8	444.8	366.5	287.2	224.1	180.9	164.9	159.8	158.1	157.6
15°	521.3	499.6	420.3	316.9	223.4	169.4	153.6	153.3	154.3	153.8	153.6
17.5°	532.3	500.3	392.5	264.4	172.4	149.3	148.6	150.8	152.3	151.6	151.3
20°	546.6	503.3	363.0	212.4	148.1	144.3	146.1	148.1	149.3	148.1	147.8
22.5°	566.6	508.6	330.7	170.6	140.3	141.3	142.8	145.1	146.3	144.6	144.3
25°	591.1	516.8	298.9	148.3	136.6	137.8	140.1	142.6	144.1	142.3	142.1
27.5°	622.9	530.1	269.7	143.3	132.8	133.6	136.8	140.6	142.6	140.3	140.3
30°	668.9	551.8	244.4	145.6	130.6	128.8	133.3	138.6	140.8	138.8	138.6
32.5°	729.9	582.6	228.9	149.1	129.6	123.3	127.6	134.3	138.1	136.8	136.8
35°	810.0	629.4	222.9	153.1	128.8	117.6	120.6	127.8	134.3	135.6	135.6
37.5°	907.1	694.4	224.6	154.8	126.6	112.8	114.3	120.6	129.1	133.1	134.1
40°	1017.4	770.2	234.6	153.1	124.1	108.8	109.1	113.8	121.3	127.3	129.3
42.5°	1131.2	858.8	253.2	146.6	121.8	105.3	104.6	107.8	112.8	117.1	118.8
45°	1239.5	949.8	271.4	137.6	119.1	101.8	100.1	101.3	102.3	104.1	105.1
47.5°	1334.1	1013.9	266.2	129.3	115.3	97.8	94.8	94.3	91.3	91.1	90.8
50°	1399.4	1027.9	236.4	121.1	109.8	93.3	88.6	85.6	80.3	77.8	78.0
52.5°	1420.1	972.6	193.1	112.8	100.8	87.3	80.5	75.8	69.3	67.0	66.8
55°	1392.6	864.3	154.3	102.8	88.3	79.3	71.8	65.5	60.3	57.5	57.5
57.5°	1325.3	726.4	122.1	91.1	75.0	70.3	62.8	56.5	52.0	49.3	48.8
60°	1213.7	576.9	96.6	77.0	64.0	60.5	52.8	48.8	44.8	41.5	40.8
62.5°	1044.4	411.8	75.8	61.0	53.5	49.5	45.0	42.0	37.3	32.8	32.0
65°	815.0	251.9	58.5	44.8	43.0	41.0	38.3	35.5	29.8	25.3	24.5
67.5°	514.1	119.3	41.8	33.8	34.0	33.0	31.8	29.5	25.3	21.3	20.8
70°	226.4	57.8	27.5	25.8	25.3	25.3	26.3	25.5	21.5	17.8	17.0
72.5°	*77.0*	*31.0*	*20.5*	*19.5*	*18.3*	*18.0*	*22.0*	*21.3*	*17.3*	*13.8*	*13.0*
75°	40.3	20.8	15.0	14.0	11.0	13.3	17.5	16.5	12.3	9.0	8.3
77.5°	26.3	14.8	10.3	9.0	6.3	8.8	13.0	11.5	7.3	4.5	4.0
80°	16.5	9.8	6.0	4.3	3.0	4.8	7.0	5.0	2.8	1.0	0.8
82.5°	8.8	5.0	2.3	1.5	1.3	1.5	1.8	1.3	0.5	0.0	0.0
85°	3.5	1.8	0.8	0.5	0.3	0.0	0.5	0.3	0.0	0.0	0.0
87.5°	1.3	0.3	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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(END OF REPORT)