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: P1201130

Luminaire Tested: GWC-SB1A-735-U-SL3-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201130
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-13)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1A-735-U-SL3-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE III SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3632 lumens
Efficiency:	N/A
Efficacy:	117.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - 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

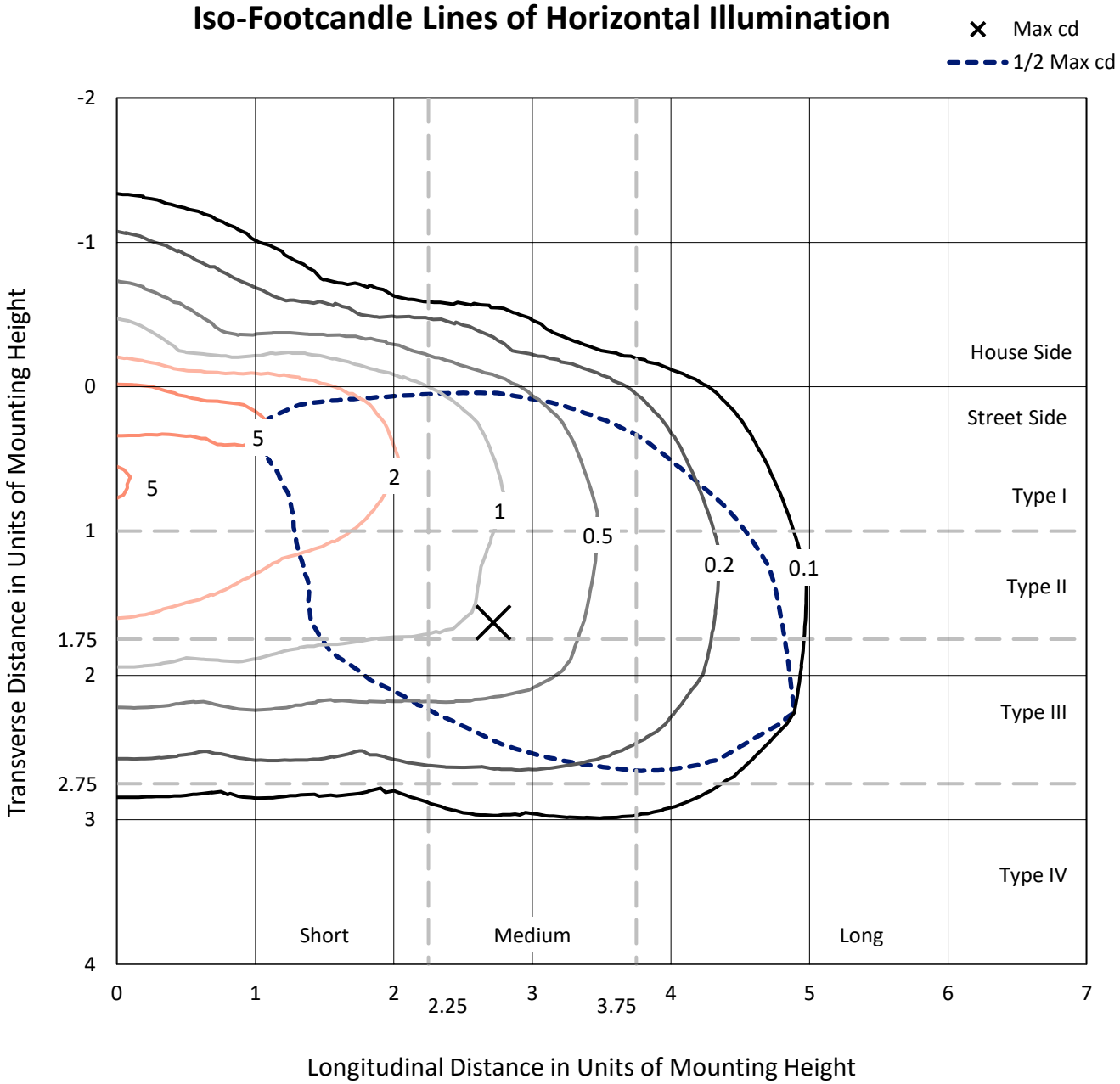


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Iso-Footcandle Lines of Horizontal Illumination



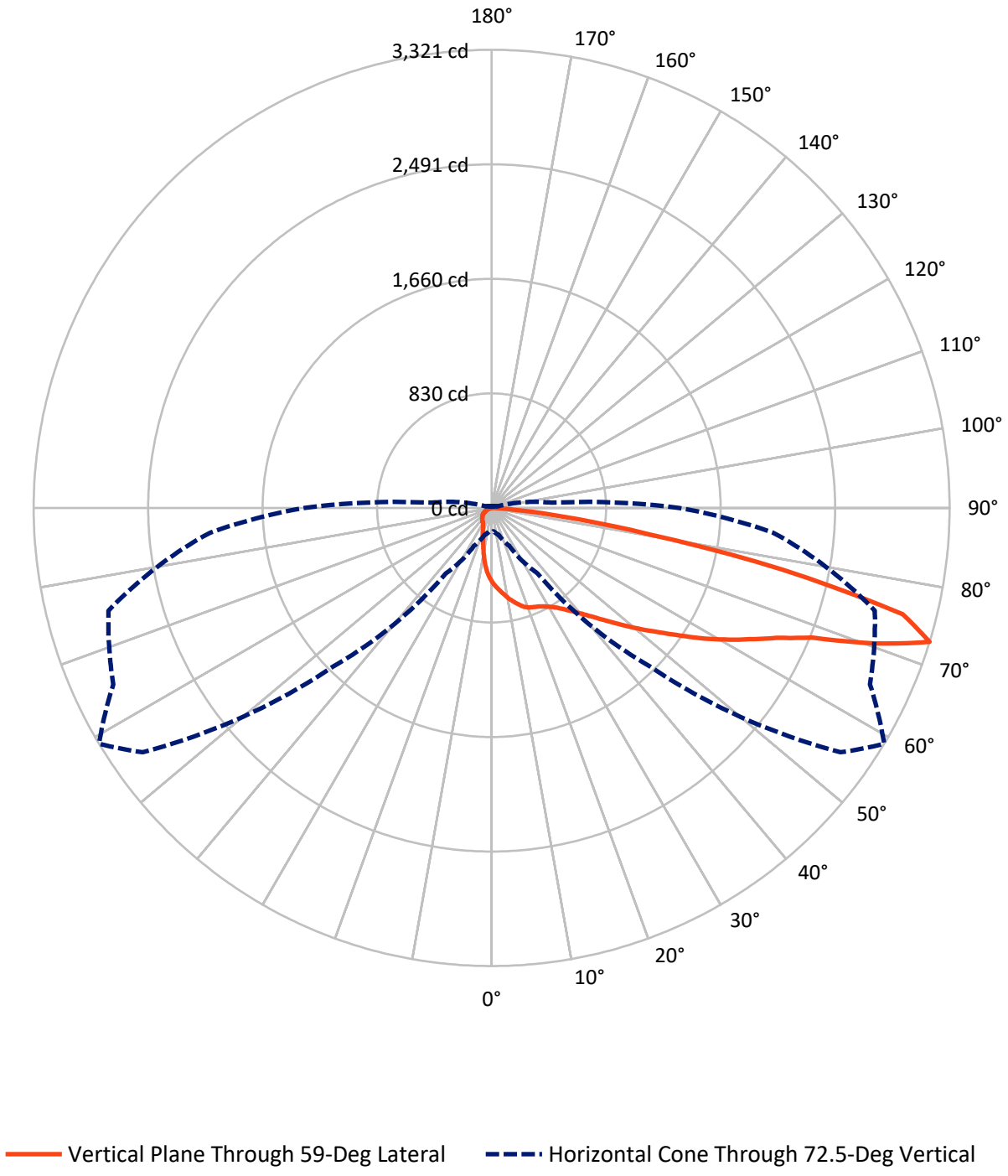
Based on 10 foot mounting height. Maximum calculated value = 6.6 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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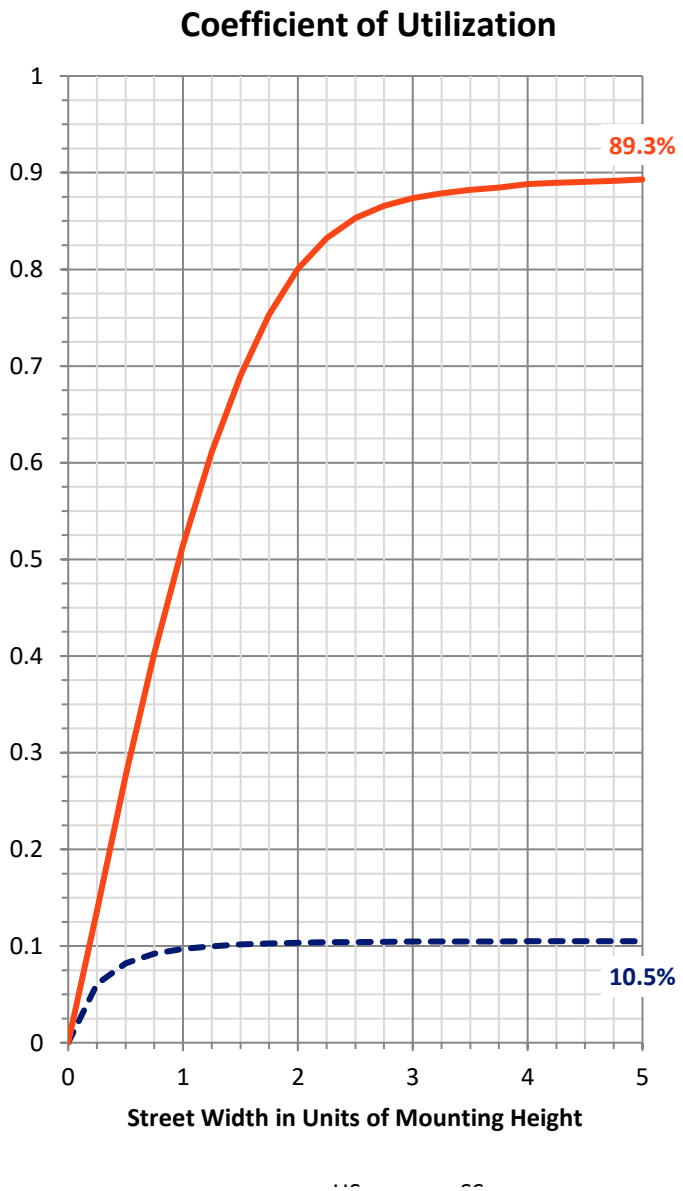
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	383.6	0.0	383.6
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	3248.4	0.0	3248.4
	% Fixture	89.4	0.0	89.4
Total	Lumens	3632.0	0.0	3632.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.6	1.3
10°-20°	129.1	3.6
20°-30°	204.6	5.6
30°-40°	328.3	9.0
40°-50°	524.3	14.4
50°-60°	759.1	20.9
60°-70°	900.9	24.8
70°-80°	668.8	18.4
80°-90°	68.4	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°	3632.0	100.0
0°-180°	3632.0	100.0



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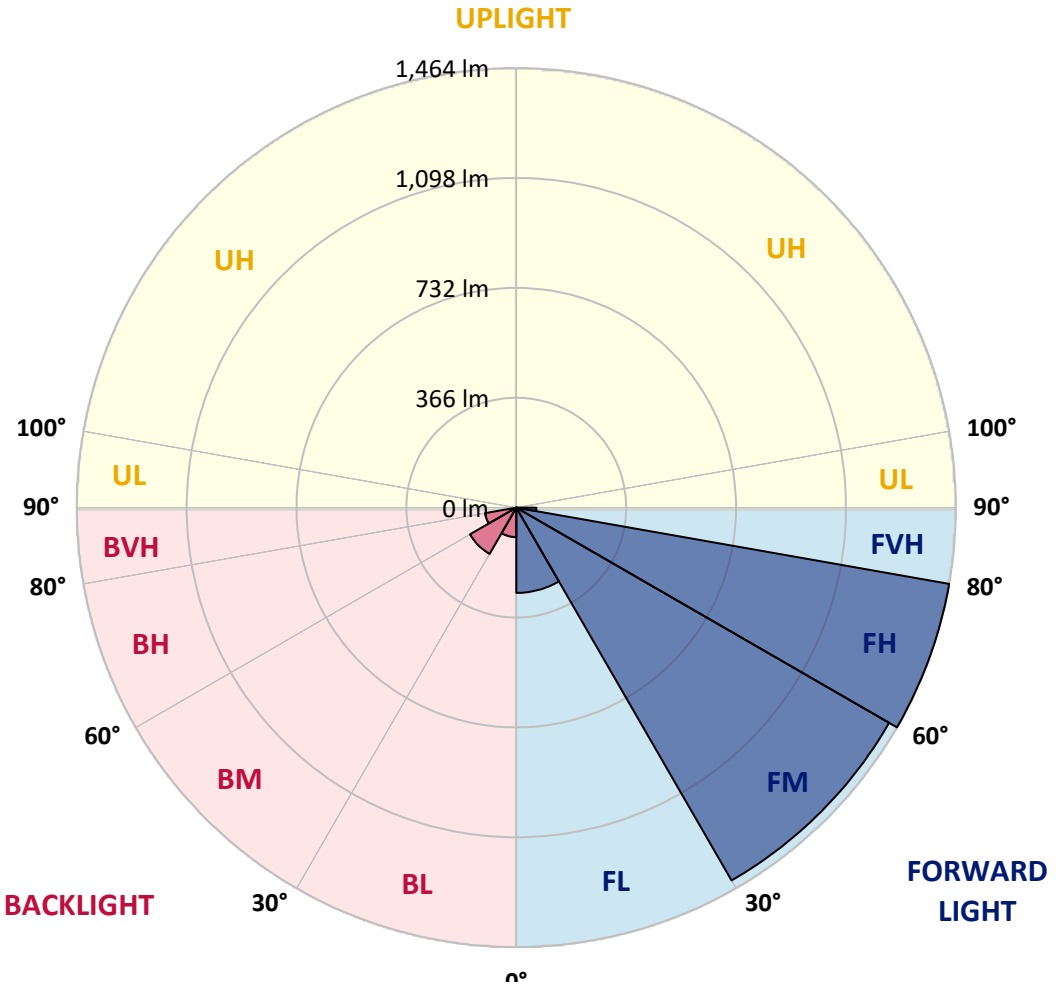
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	283.9	7.8			
FM	(30°-60°)	1433.9	39.5			
FH	(60°-80°)	1463.9	40.3			G1/1800
FVH	(80°-90°)	66.7	1.8			G1/100
BL	(0°-30°)	98.3	2.7	B0/110		
BM	(30°-60°)	177.9	4.9	B0/220		
BH	(60°-80°)	105.8	2.9	B0/110		G0/110
BVH	(80°-90°)	1.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	537.1	537.1	537.1	537.1	537.1	537.1	537.1	*537.1*	537.1	537.1	537.1
2.5°	595.9	592.6	593.0	587.4	583.3	579.1	570.8	*569.6*	563.6	553.2	542.5
5°	647.8	645.7	643.8	637.4	629.1	618.7	604.7	*599.7*	588.8	570.8	549.9
7.5°	685.8	683.2	684.1	677.7	671.1	659.4	640.2	*631.0*	616.5	589.0	557.5
10°	693.1	691.7	697.9	700.2	700.2	692.9	674.1	*664.9*	643.8	608.7	565.3
12.5°	651.9	652.1	667.5	686.0	710.2	717.1	704.5	*694.5*	673.7	629.6	575.3
15°	603.7	604.0	618.9	642.6	682.2	721.8	731.8	*725.4*	703.8	652.1	586.9
17.5°	574.8	573.6	583.6	603.0	644.5	700.2	748.4	*752.6*	735.1	677.0	599.7
20°	570.8	568.6	573.8	583.6	613.2	673.2	750.3	*770.4*	767.3	705.2	614.4
22.5°	595.4	592.1	589.3	589.7	602.3	650.7	745.5	*780.4*	800.5	739.1	634.5
25°	644.3	639.0	629.8	617.9	615.3	645.9	742.2	*791.3*	831.4	782.5	661.1
27.5°	704.0	696.7	678.9	661.1	645.9	659.2	749.1	*808.6*	866.2	833.0	691.9
30°	769.7	760.7	742.9	709.2	685.1	688.8	765.4	*831.4*	910.8	890.2	730.6
32.5°	866.2	845.3	814.3	762.8	730.8	720.9	790.1	*860.3*	966.0	966.3	786.5
35°	949.0	937.4	906.1	842.0	776.3	763.3	822.6	*901.1*	1042.6	1067.1	864.8
37.5°	1003.3	987.4	959.9	911.7	847.0	806.9	866.0	*951.1*	1123.7	1181.8	961.3
40°	1064.0	1048.3	1011.8	966.5	929.1	881.9	920.8	*1008.7*	1212.7	1299.7	1071.6
42.5°	1137.2	1116.9	1073.7	1024.9	985.7	980.5	992.4	*1080.6*	1303.9	1427.7	1186.3
45°	1223.3	1204.1	1154.6	1092.9	1058.5	1049.3	1082.5	*1164.3*	1405.7	1568.1	1302.3
47.5°	1303.9	1281.7	1228.3	1172.1	1133.9	1104.8	1178.3	*1263.2*	1520.9	1714.9	1411.8
50°	1372.5	1349.7	1300.9	1240.9	1215.0	1176.8	1272.4	*1373.4*	1635.2	1864.0	1511.9
52.5°	1419.4	1399.3	1341.9	1301.1	1283.6	1264.3	1382.7	*1490.3*	1749.0	2000.6	1610.8
55°	1408.8	1390.7	1340.2	1337.4	1336.2	1356.4	1514.5	*1622.9*	1865.0	2129.8	1709.2
57.5°	1374.8	1354.5	1291.4	1334.8	1376.7	1438.4	1657.3	*1779.6*	1992.1	2251.7	1804.0
60°	1275.0	1267.9	1229.5	1329.8	1393.8	1518.8	1820.4	*1937.1*	2129.6	2358.9	1888.2
62.5°	1063.7	1069.9	1069.7	1340.2	1424.6	1610.3	1968.6	*2096.4*	2264.1	2462.1	1963.2
65°	796.5	817.8	845.1	1246.3	1465.9	1773.7	2145.7	*2269.3*	2400.6	2582.0	2039.3
67.5°	535.2	552.3	570.8	1022.5	1343.1	1945.4	2440.0	*2506.2*	2564.3	2715.1	2124.9
70°	306.4	311.8	337.7	638.6	1035.3	1897.9	2919.2	*2943.2*	2808.3	2878.9	2187.2
72.5°	*171.7*	*169.8*	*203.9*	*303.0*	*578.6*	*1625.2*	*3087.1*	*3320.7*	*3026.7*	*2876.3*	*2048.0*
75°	114.8	115.0	140.4	191.1	225.5	1137.7	2660.3	*3079.1*	2895.8	2550.5	1673.4
77.5°	78.3	80.9	103.1	147.7	104.3	555.1	1759.9	*2156.9*	2344.4	1969.6	1155.3
80°	33.9	34.1	68.1	106.0	70.4	176.7	912.5	*1155.5*	1470.4	1105.9	457.6
82.5°	17.5	19.9	43.4	68.5	44.3	61.9	431.1	*504.8*	617.0	324.6	93.9
85°	6.2	7.4	26.8	33.7	22.3	22.1	150.1	*152.9*	130.7	48.8	25.8
87.5°	0.0	1.2	10.4	8.3	2.8	2.6	17.8	*14.9*	11.9	6.9	8.5
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°	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1	537.1
2.5°	537.6	531.2	520.7	507.9	493.0	484.9	473.3	466.2	459.8	460.0	465.2
5°	538.3	527.6	501.0	472.8	441.5	418.5	392.9	374.9	361.1	357.8	362.8
7.5°	540.4	522.4	479.0	432.0	379.9	341.2	305.9	283.6	271.0	267.7	271.0
10°	543.3	516.7	454.1	382.2	317.5	271.0	241.6	227.4	221.7	217.4	220.1
12.5°	545.6	510.8	422.8	330.8	262.0	225.7	203.5	191.6	186.6	183.5	185.2
15°	549.7	502.9	388.9	282.9	224.6	194.9	173.8	165.0	163.6	164.1	164.8
17.5°	553.7	495.4	350.9	245.4	197.1	167.9	155.1	153.7	155.6	157.5	158.2
20°	558.2	484.4	312.5	217.2	171.7	149.2	145.8	146.8	147.7	151.0	152.0
22.5°	564.8	470.7	278.9	193.3	150.6	140.1	138.5	139.2	139.9	143.2	144.2
25°	574.3	456.0	251.6	171.2	137.3	132.8	131.1	131.1	132.1	135.2	136.3
27.5°	584.3	435.1	229.5	150.8	129.5	124.7	121.9	121.9	123.1	126.6	128.0
30°	595.4	416.2	212.2	135.6	122.8	116.7	112.9	111.9	113.3	117.9	119.0
32.5°	615.6	403.8	199.9	128.5	116.9	109.3	104.1	101.5	102.9	108.1	109.6
35°	646.2	401.0	191.4	125.0	111.2	102.7	95.3	91.3	92.5	97.9	99.6
37.5°	682.0	406.9	183.1	120.2	105.8	96.3	86.6	81.3	83.2	88.2	89.6
40°	733.4	431.6	176.7	116.7	100.3	88.7	77.8	72.6	75.6	79.9	80.6
42.5°	795.6	475.4	175.0	113.3	93.7	80.6	69.7	65.9	68.3	72.3	73.0
45°	872.6	531.4	182.6	109.1	86.3	72.8	63.3	61.2	61.9	65.9	67.8
47.5°	955.4	588.8	203.5	105.3	79.9	66.4	58.3	56.4	56.0	59.8	62.1
50°	1039.1	639.8	228.1	102.4	75.4	61.2	54.5	52.2	51.0	53.4	54.3
52.5°	1121.8	680.3	244.2	97.7	70.9	56.0	51.2	47.7	45.5	46.7	47.7
55°	1205.8	715.9	245.2	90.6	66.6	52.6	47.9	43.9	41.3	41.3	41.7
57.5°	1284.3	747.2	231.2	81.1	60.7	49.6	43.4	40.1	37.2	36.3	36.5
60°	1353.7	770.4	208.0	70.4	55.5	45.5	38.9	36.3	32.7	30.8	30.4
62.5°	1415.6	781.8	176.2	59.5	49.1	40.8	34.6	31.8	27.0	24.7	24.4
65°	1468.0	770.2	143.0	49.3	43.6	35.6	29.6	26.8	21.6	18.7	18.7
67.5°	1520.0	717.1	108.1	41.5	37.9	29.9	24.4	21.8	18.0	15.7	15.7
70°	1526.6	605.4	75.6	34.9	31.5	23.0	19.7	18.0	14.7	12.6	12.3
72.5°	*1359.0*	*435.6*	*46.0*	*28.5*	*24.7*	*16.4*	*15.7*	*14.2*	*10.9*	*9.5*	*9.2*
75°	1086.3	267.0	27.0	21.3	16.4	11.6	11.6	10.2	7.4	6.2	6.2
77.5°	750.7	139.7	15.9	13.8	9.7	6.9	7.6	6.2	3.6	2.8	2.8
80°	300.7	53.1	8.5	6.4	4.5	3.1	2.6	1.4	0.7	0.5	0.7
82.5°	60.0	14.0	2.8	1.7	1.7	0.7	0.0	0.0	0.0	0.0	0.0
85°	15.4	3.1	0.7	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.7	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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(END OF REPORT)