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: P1203014

Luminaire Tested: GWC-SB2B-735-U-T4W-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203014
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-2)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2B-735-U-T4W-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV WIDE OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8672 lumens
Efficiency:	N/A
Efficacy:	117.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

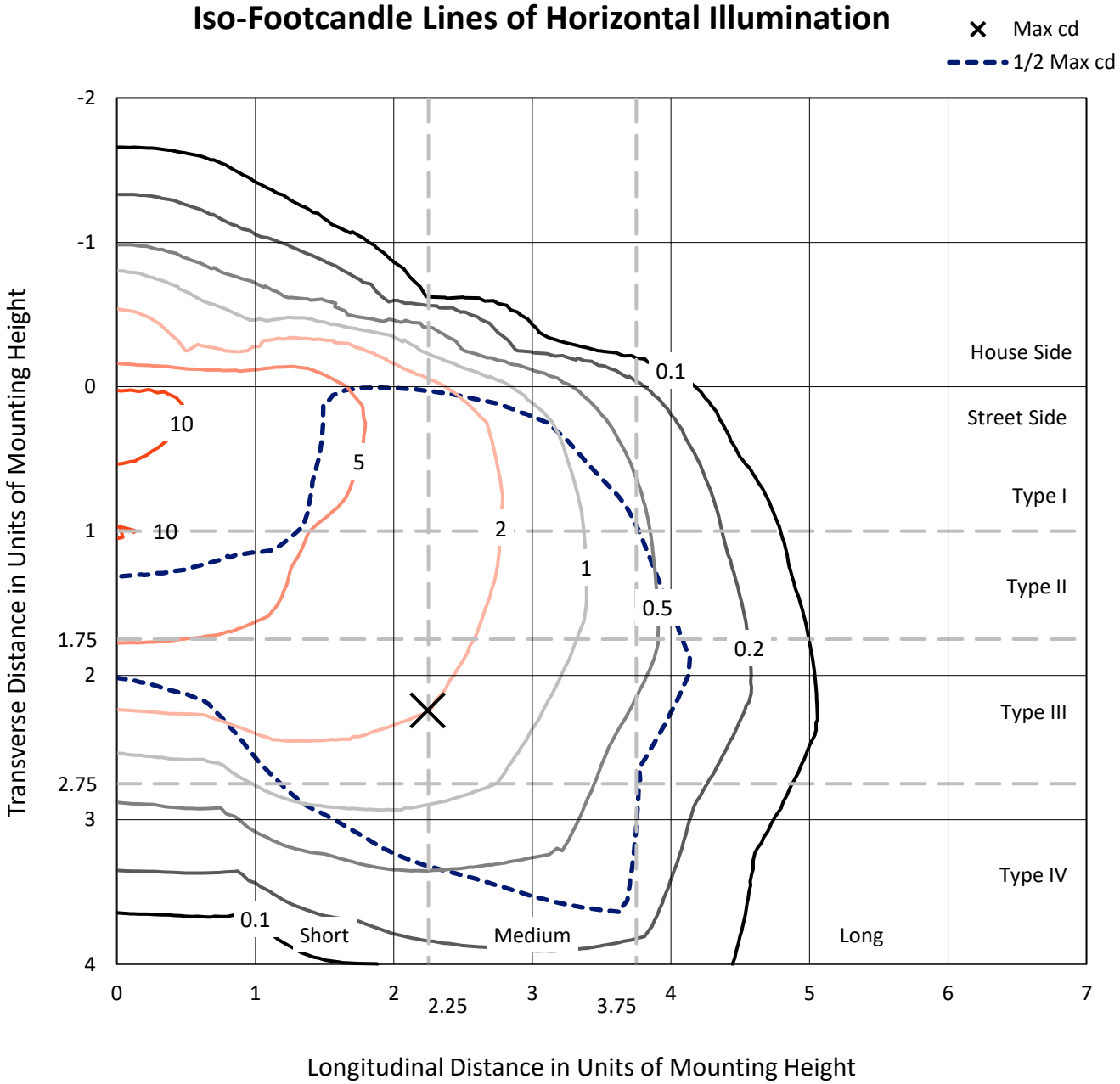


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Iso-Footcandle Lines of Horizontal Illumination



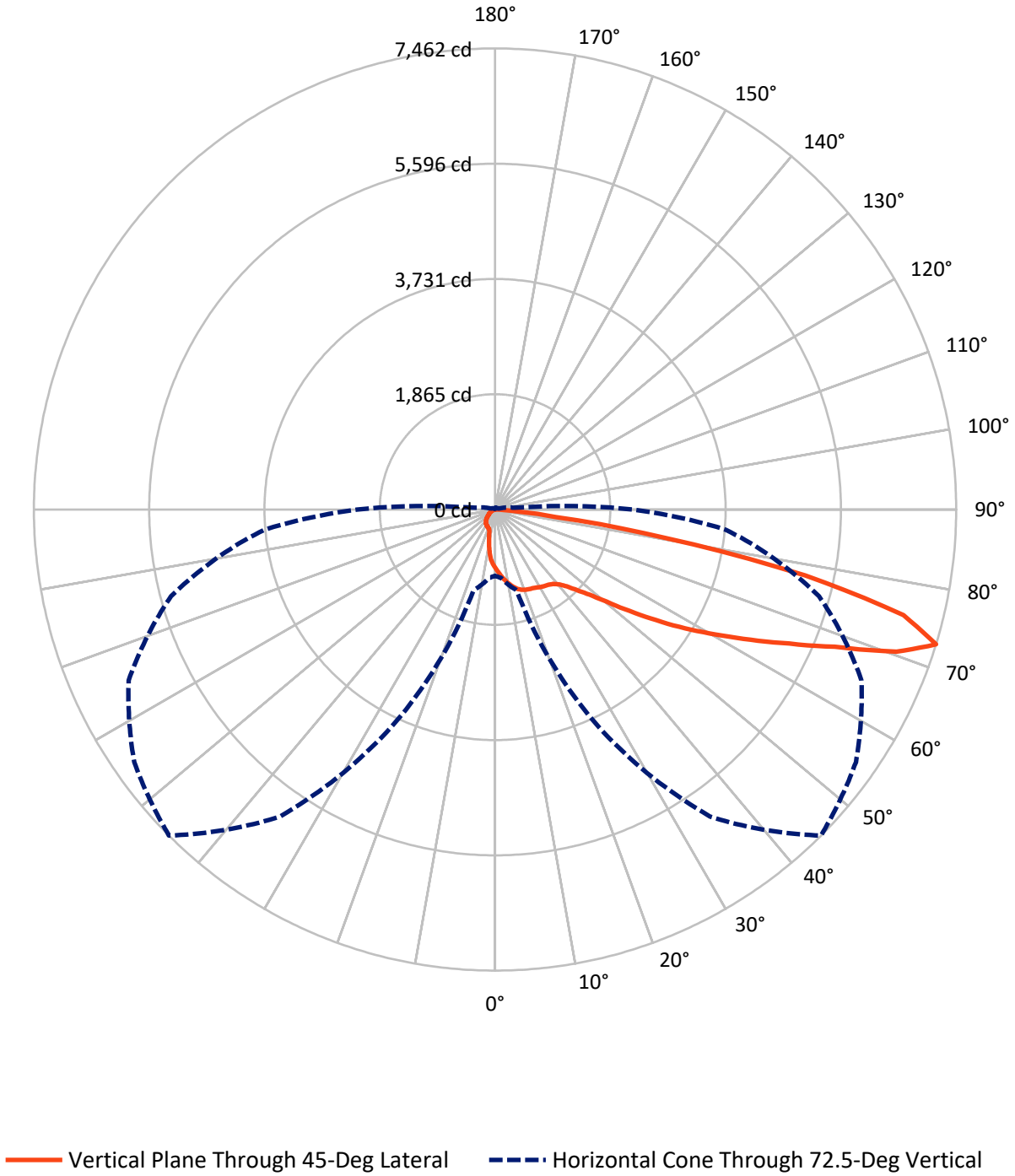
Based on 10 foot mounting height. Maximum calculated value = 13.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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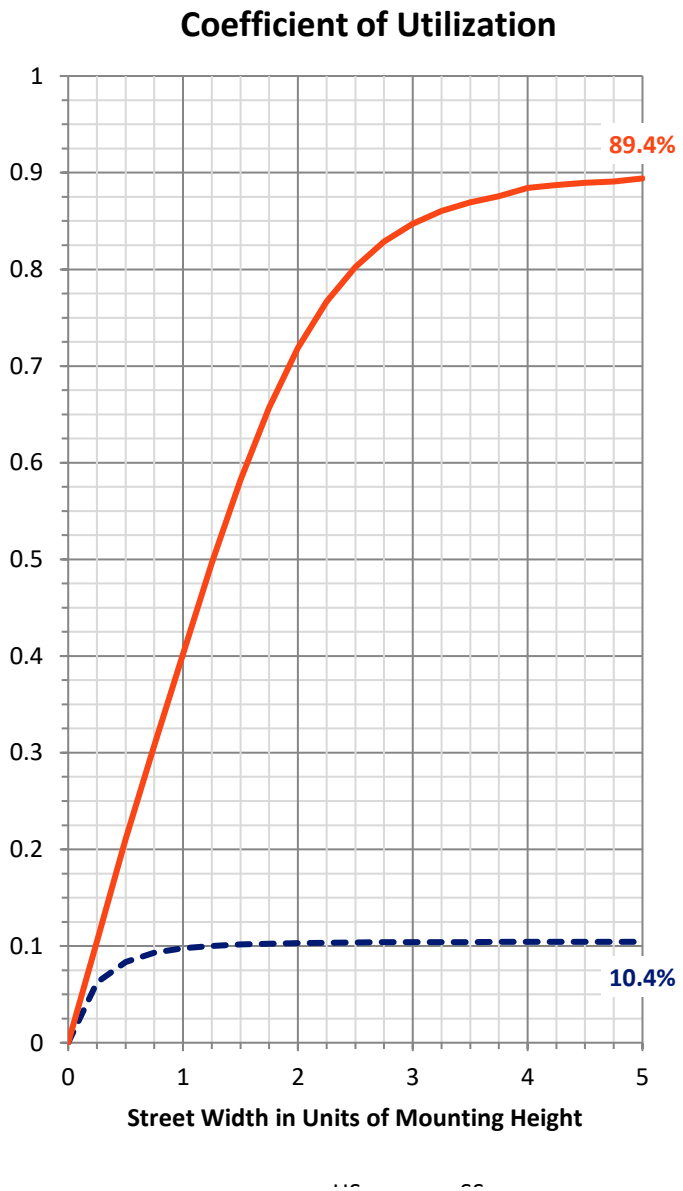
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	911.2	0.0	911.2
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	7760.8	0.0	7760.8
	% Fixture	89.5	0.0	89.5
Total	Lumens	8672.0	0.0	8672.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.5	1.0
10°-20°	261.6	3.0
20°-30°	429.6	5.0
30°-40°	609.3	7.0
40°-50°	1007.1	11.6
50°-60°	1809.1	20.9
60°-70°	2512.0	29.0
70°-80°	1822.1	21.0
80°-90°	131.7	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°	8672.0	100.0
0°-180°	8672.0	100.0



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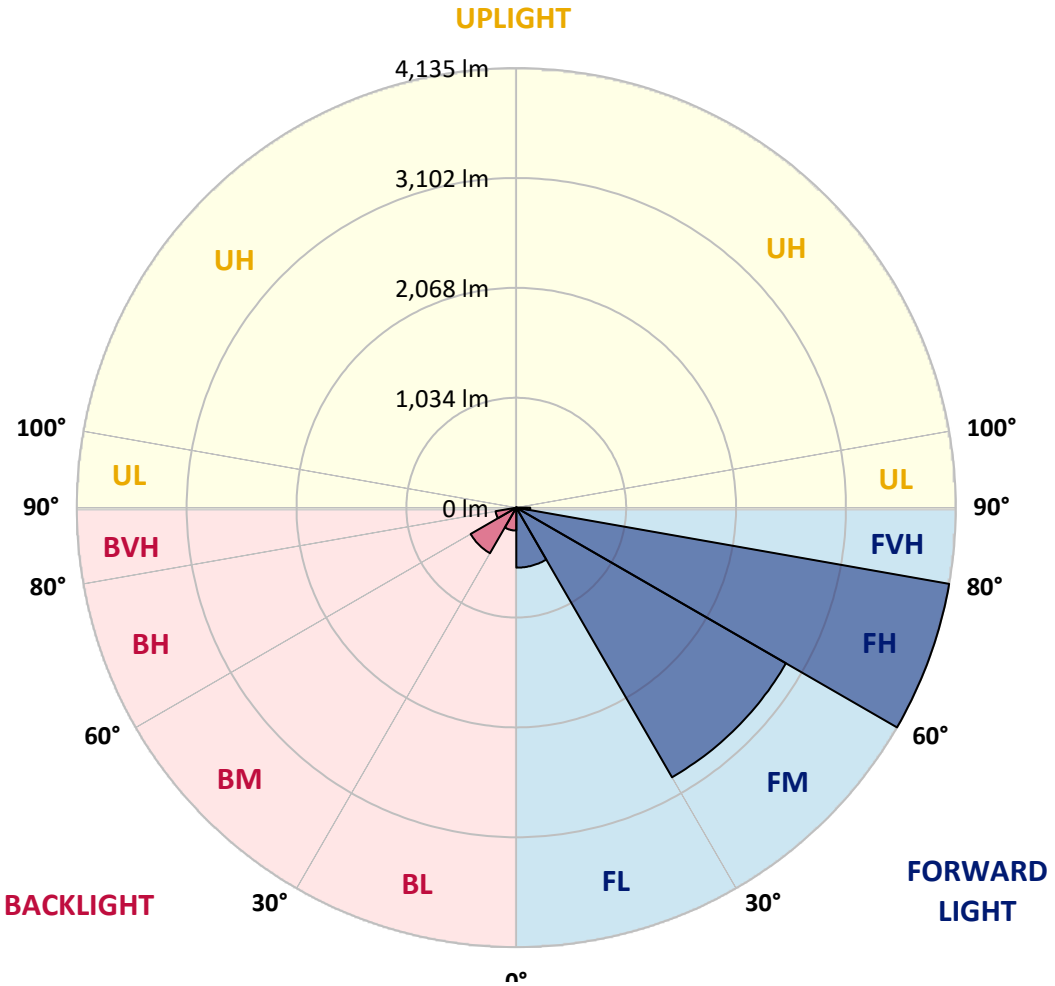
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	564.9	6.5			
FM	(30°-60°)	2929.9	33.8			
FH	(60°-80°)	4135.4	47.7			G2/5000
FVH	(80°-90°)	130.6	1.5			G2/225
BL	(0°-30°)	215.8	2.5	B1/500		
BM	(30°-60°)	495.6	5.7	B1/1000		
BH	(60°-80°)	198.7	2.3	B1/500		G1/500
BVH	(80°-90°)	1.1	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-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	950.0	950.0	950.0	950.0	950.0	*950.0*	950.0	950.0	950.0	950.0	950.0
2.5°	1037.6	1039.4	1038.2	1031.1	1019.3	*1012.8*	1009.2	997.4	989.7	976.1	961.9
5°	1132.9	1140.0	1135.9	1121.7	1099.2	*1083.2*	1078.5	1054.2	1032.3	1006.9	977.3
7.5°	1234.2	1237.7	1230.0	1211.7	1181.5	*1154.2*	1150.1	1116.4	1081.4	1042.4	1002.1
10°	1321.8	1325.9	1314.1	1287.4	1253.1	*1219.4*	1213.4	1176.2	1134.7	1086.8	1035.3
12.5°	1395.2	1399.3	1383.9	1352.0	1314.1	*1279.1*	1273.2	1234.2	1188.6	1135.3	1071.4
15°	1450.8	1458.5	1437.8	1403.4	1362.6	*1327.7*	1324.7	1286.2	1241.9	1182.7	1114.6
17.5°	1483.4	1491.1	1471.5	1430.1	1395.2	*1365.6*	1362.0	1330.1	1288.6	1231.8	1156.6
20°	1488.7	1495.8	1475.1	1439.0	1410.0	*1386.3*	1384.5	1361.4	1331.2	1276.8	1202.2
22.5°	1472.7	1481.6	1462.6	1433.6	1413.5	*1401.1*	1398.7	1385.7	1368.5	1322.4	1244.8
25°	1456.1	1463.2	1449.0	1423.6	1412.9	*1411.7*	1413.5	1411.1	1407.6	1368.5	1294.5
27.5°	1454.9	1462.6	1446.7	1422.4	1416.5	*1428.9*	1430.7	1441.9	1444.9	1410.6	1342.5
30°	1465.0	1470.3	1454.9	1429.5	1426.5	*1454.9*	1455.5	1475.7	1480.4	1446.1	1389.8
32.5°	1486.9	1492.8	1477.4	1440.1	1436.0	*1475.7*	1477.4	1504.1	1511.8	1484.0	1439.6
35°	1538.4	1545.5	1527.8	1469.7	1454.9	*1495.2*	1500.5	1531.9	1547.3	1524.2	1491.1
37.5°	1666.9	1646.1	1621.9	1529.5	1498.2	*1526.0*	1534.9	1571.6	1598.8	1572.1	1552.6
40°	1985.9	1920.8	1845.0	1631.3	1573.9	*1591.7*	1598.8	1635.5	1672.8	1646.7	1637.3
42.5°	2464.8	2387.8	2265.9	1865.7	1688.2	*1697.0*	1702.4	1734.3	1787.0	1766.3	1768.7
45°	2891.5	2863.7	2739.4	2265.9	1901.8	*1858.0*	1864.6	1881.1	1958.7	1951.0	1966.4
47.5°	3219.5	3203.5	3107.6	2725.2	2262.9	*2055.2*	2073.5	2081.2	2193.1	2220.3	2261.7
50°	3471.6	3465.7	3379.9	3133.6	2734.7	*2345.8*	2352.3	2335.7	2503.2	2570.7	2649.4
52.5°	3709.6	3729.7	3666.4	3513.1	3238.4	*2726.4*	2725.2	2647.1	2873.2	2975.0	3109.4
55°	3924.4	3931.6	3938.1	3900.2	3745.1	*3159.7*	3148.4	3020.6	3302.3	3407.7	3553.3
57.5°	4126.3	4129.3	4187.3	4264.8	4272.5	*3624.9*	3604.2	3450.9	3771.1	3846.3	3935.7
60°	4261.8	4275.5	4398.0	4613.4	4707.6	*4105.0*	4093.7	3937.5	4248.2	4283.2	4266.6
62.5°	4066.5	4149.4	4458.4	4885.7	5118.4	*4637.1*	4631.8	4485.0	4750.2	4721.8	4579.7
65°	3291.7	3432.0	3975.4	5069.8	5521.5	*5231.4*	5239.1	5082.8	5265.7	5173.4	4834.2
67.5°	2302.6	2450.6	3093.4	5084.6	5971.9	*5929.3*	5973.7	5728.6	5813.3	5606.1	4894.6
70°	1592.3	1668.6	2087.1	4766.2	6322.9	*6890.6*	6889.4	6521.8	6357.8	5803.2	4586.8
72.5°	*1070.8*	*1110.4*	*1355.5*	*3781.2*	*6064.8*	*7461.8*	*7427.4*	*7127.9*	*6541.3*	*5427.3*	*3747.5*
75°	451.6	480.6	627.4	2125.0	4798.1	*6826.6*	6733.7	6299.2	5812.1	4273.7	2338.1
77.5°	143.2	155.7	247.4	760.6	2642.9	*5131.4*	5033.1	3933.9	3895.4	2143.9	854.7
80°	68.1	79.3	139.1	305.4	1040.0	*2790.9*	2777.3	1784.6	1675.7	578.9	171.7
82.5°	29.6	34.9	76.9	163.4	465.3	*995.6*	1015.7	607.3	502.5	219.6	52.7
85°	9.5	12.4	35.5	75.2	196.5	*247.4*	244.5	144.4	202.4	119.6	18.3
87.5°	0.0	0.0	11.8	17.2	20.1	*14.2*	16.0	12.4	56.2	33.1	6.5
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°	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0
2.5°	954.8	945.3	928.7	913.3	899.7	886.1	877.8	866.0	864.8	864.8	867.8
5°	961.3	945.9	916.3	884.9	848.8	814.5	780.2	747.0	736.4	728.7	732.2
7.5°	980.2	956.0	909.2	849.4	780.7	705.6	652.9	596.1	574.2	562.3	564.1
10°	1007.5	974.3	903.3	798.5	687.2	584.8	509.6	448.1	424.4	414.3	414.3
12.5°	1037.6	996.8	892.6	735.2	584.8	462.3	388.9	360.5	356.9	356.9	356.9
15°	1073.7	1024.0	874.3	660.6	477.7	365.8	339.8	340.9	344.5	346.9	346.9
17.5°	1111.0	1053.0	845.3	577.1	383.0	329.1	329.7	331.5	334.4	336.8	336.8
20°	1151.3	1082.0	806.8	488.3	328.5	318.5	320.2	322.0	324.4	325.6	326.1
22.5°	1194.5	1109.3	761.2	401.3	310.2	309.6	310.2	311.9	314.9	314.9	316.1
25°	1240.7	1139.5	709.1	338.0	300.7	300.7	301.9	303.1	305.4	305.4	306.0
27.5°	1288.0	1167.3	654.1	304.8	292.4	291.8	291.8	293.6	294.8	295.4	296.0
30°	1340.1	1199.8	599.0	297.7	285.9	282.9	281.2	282.3	283.5	284.1	285.3
32.5°	1393.4	1231.2	549.9	300.7	279.4	274.1	268.1	267.0	267.0	269.3	271.1
35°	1452.6	1265.5	512.0	310.8	275.8	261.0	251.6	246.2	246.8	250.4	252.2
37.5°	1523.6	1307.0	484.2	319.6	273.5	246.2	230.8	224.3	220.2	224.3	223.2
40°	1616.5	1367.9	464.1	326.7	270.5	229.1	208.4	197.7	190.0	192.4	191.2
42.5°	1753.3	1463.8	456.4	327.3	264.0	208.9	185.3	171.1	159.8	160.4	158.0
45°	1945.1	1615.4	496.0	319.6	249.8	187.0	161.0	142.1	135.0	133.2	130.8
47.5°	2207.9	1836.1	587.8	303.7	229.1	165.7	137.3	121.3	116.0	113.1	111.3
50°	2560.1	2119.7	689.6	285.9	208.4	145.6	117.8	107.7	104.2	101.2	100.6
52.5°	2968.5	2407.3	773.1	268.1	187.6	127.9	105.4	99.4	96.5	94.1	93.5
55°	3343.2	2605.6	768.3	249.2	167.5	113.6	96.5	92.9	89.4	87.0	85.8
57.5°	3576.4	2633.5	633.4	228.5	144.4	102.4	88.2	85.8	81.7	78.7	78.1
60°	3683.5	2474.8	443.9	201.3	121.3	91.7	79.3	78.1	72.8	68.7	67.5
62.5°	3703.1	2180.1	296.0	167.5	101.2	81.7	70.4	68.7	61.6	54.5	50.9
65°	3623.8	1758.6	204.8	130.8	86.4	71.0	60.4	56.8	49.1	42.0	39.7
67.5°	3372.8	1234.8	142.7	94.1	73.4	56.2	47.9	46.8	40.8	34.9	33.1
70°	2912.9	703.8	95.3	70.4	58.0	38.5	37.9	39.1	33.1	28.4	26.0
72.5°	*2233.3*	*322.0*	*59.2*	*51.5*	*39.7*	*26.0*	*30.2*	*30.8*	*25.5*	*21.3*	*18.9*
75°	1314.7	137.9	37.3	33.1	20.1	17.2	21.9	22.5	17.2	13.6	11.8
77.5°	447.5	52.1	23.7	19.5	10.1	9.5	14.2	14.2	9.5	5.3	4.1
80°	101.8	19.5	11.8	7.7	4.7	4.1	4.7	4.1	2.4	0.6	0.0
82.5°	29.0	7.7	4.7	3.0	1.8	1.8	0.6	0.0	0.0	0.0	0.0
85°	8.3	3.6	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.6	0.6	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)