

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: INVUE

Report Number: P180423

Luminaire Tested: **ICS-F01-LED-E1-SL2-HSS**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180423  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33726)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICS-F01-LED-E1-SL2-HSS  
Description: ICON SITE SMALL LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD  
Light Source: (7) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1362.4 lumens  
Efficiency: N/A  
Efficacy: 52.6 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G1

Input Watts (W): 25.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

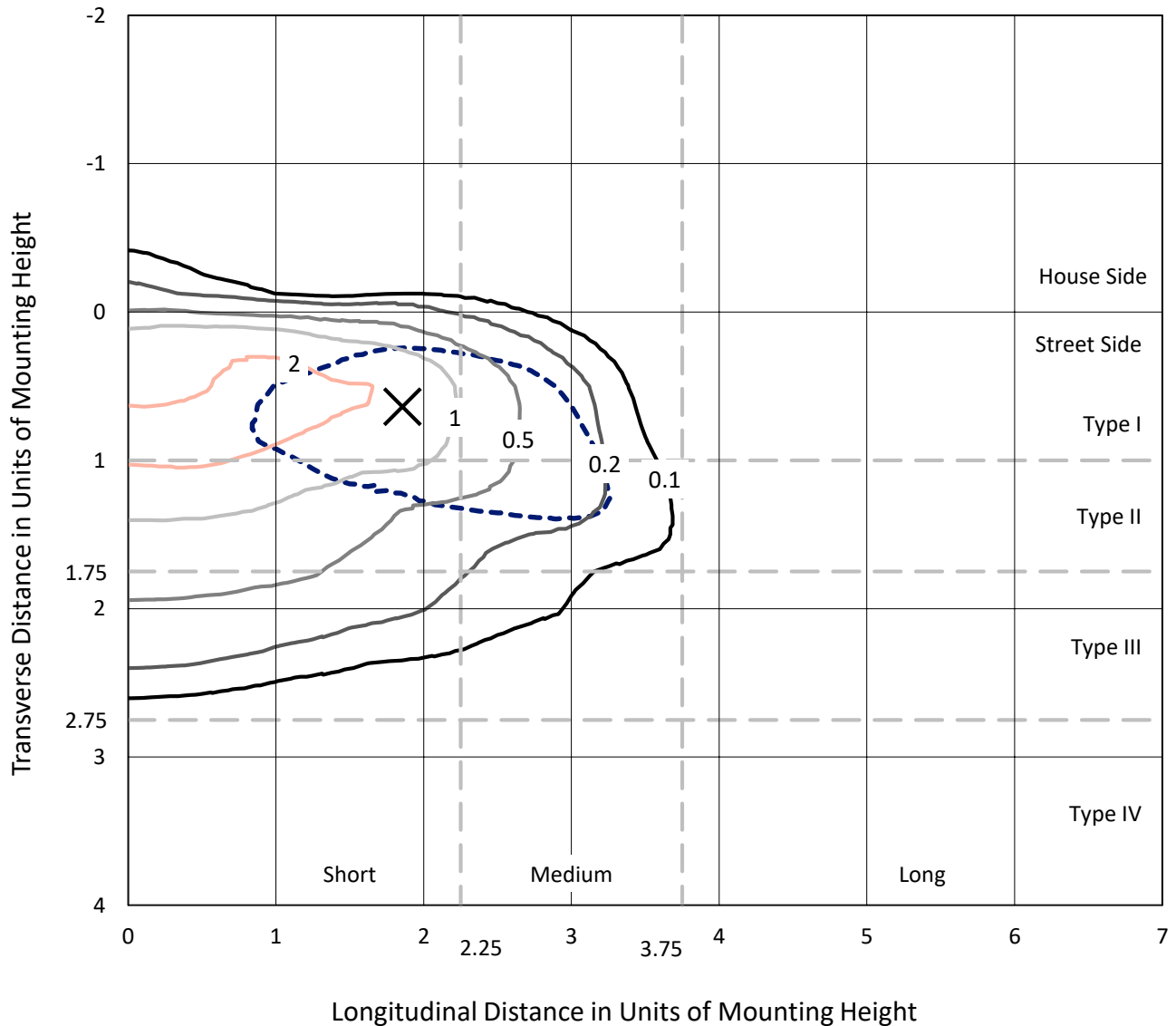


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### Iso-Footcandle Lines of Horizontal Illumination

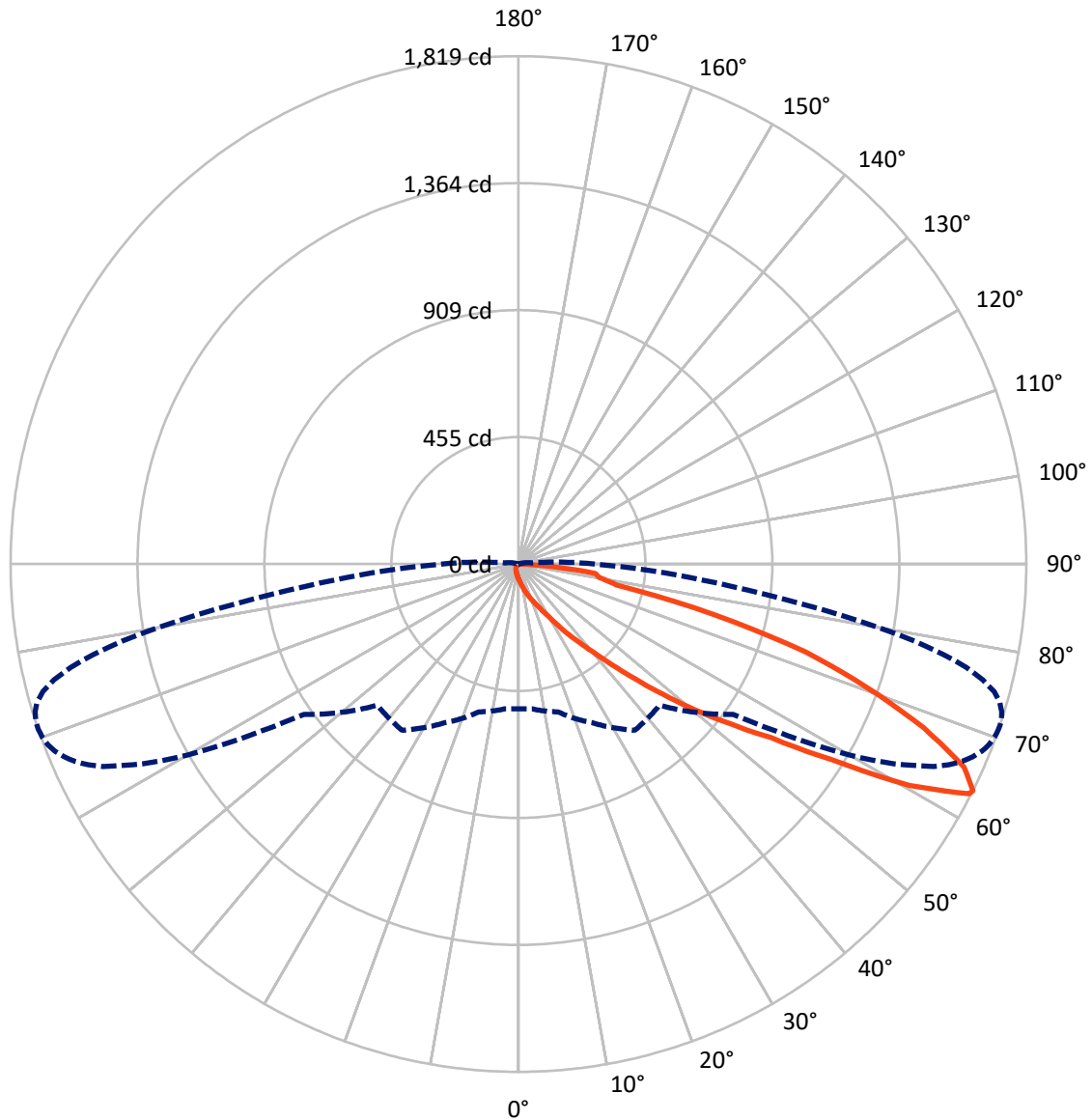
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.9 fc  
 Type II - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral    - - - Horizontal Cone Through 63-Deg Vertical

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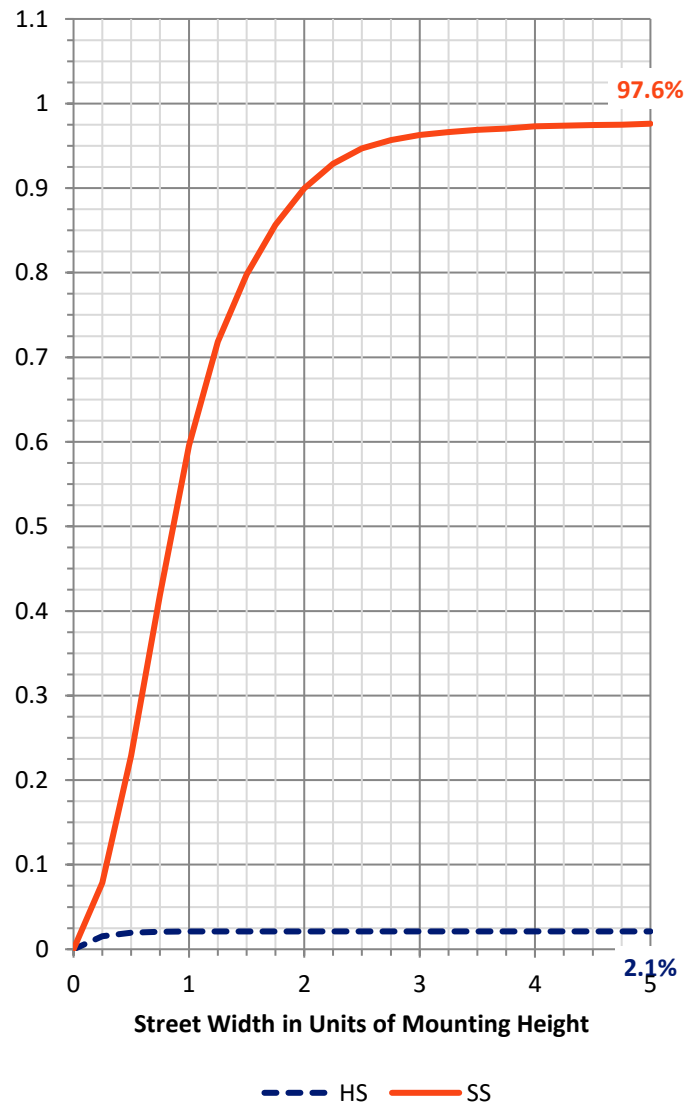
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	28.9	0.0	28.9
	% Fixture	2.1	0.0	2.1
<b>Street Side</b>	Lumens	1333.4	0.0	1333.4
	% Fixture	97.9	0.0	97.9
<b>Total</b>	Lumens	1362.4	0.0	1362.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	5.8	0.4
10°-20°	22.4	1.6
20°-30°	45.5	3.3
30°-40°	111.2	8.2
40°-50°	248.6	18.2
50°-60°	349.6	25.7
60°-70°	411.1	30.2
70°-80°	148.4	10.9
80°-90°	19.8	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°	1362.4	100.0
0°-180°	1362.4	100.0



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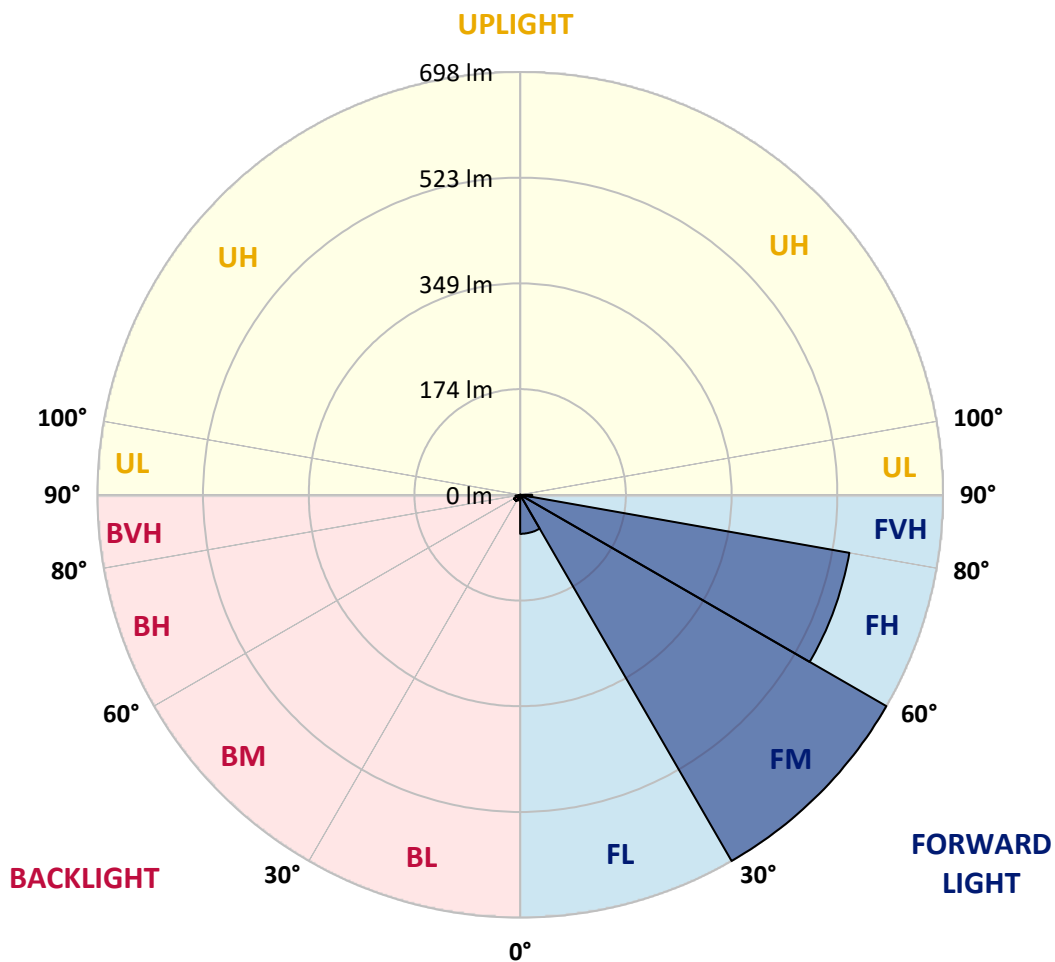
CATALOG NUMBER: ICS-F01-LED-E1-SL2-HSS

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	64.4	4.7			
FM (30°-60°)	697.7	51.2			
FH (60°-80°)	551.6	40.5			G0/660
FVH (80°-90°)	19.8	1.5			G1/100
BL (0°-30°)	9.3	0.7	B0/110		
BM (30°-60°)	11.6	0.9	B0/220		
BH (60°-80°)	7.9	0.6	B0/110		G0/110
BVH (80°-90°)	0.0	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 Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
2.5°	68.4	69.1	68.6	67.4	65.9	63.9	62.2	62.2	61.9	61.2	61.4
5°	89.7	89.9	88.9	85.9	83.2	79.0	74.3	73.8	73.3	72.6	72.3
7.5°	110.5	111.5	110.5	107.2	101.8	95.4	87.9	87.2	85.7	85.7	84.7
10°	131.8	131.8	130.8	127.1	122.1	112.9	103.5	102.3	100.6	100.1	98.6
12.5°	146.9	146.9	146.4	144.4	140.4	132.3	120.9	119.6	117.4	116.7	114.9
15°	152.8	152.8	153.1	154.8	155.0	151.3	139.4	138.4	136.2	134.2	133.5
17.5°	156.5	156.3	156.3	158.8	163.2	165.7	158.0	157.0	154.5	153.6	151.1
20°	164.7	164.2	162.7	162.7	166.9	175.6	175.6	175.4	172.6	171.9	170.6
22.5°	176.8	176.3	171.9	168.2	170.1	181.0	191.2	190.7	189.7	188.7	188.0
25°	196.7	194.9	187.2	176.3	174.6	186.2	203.1	204.3	205.1	205.1	205.6
27.5°	226.6	224.4	210.8	190.5	182.8	194.7	216.2	218.7	220.9	221.4	223.6
30°	268.2	264.3	244.7	215.0	197.4	207.1	235.5	238.3	241.5	242.5	245.9
32.5°	336.6	334.4	315.5	271.0	233.3	231.3	262.5	266.0	270.2	271.9	276.2
35°	440.6	441.1	425.7	385.6	333.6	306.4	310.8	313.8	315.3	320.5	322.7
37.5°	511.2	512.4	515.9	500.0	462.9	435.2	400.2	403.5	395.8	396.5	396.8
40°	549.8	553.8	574.1	589.5	586.5	570.4	542.4	544.1	529.8	526.5	510.9
42.5°	575.6	580.8	613.2	660.8	685.1	699.7	693.2	692.5	681.3	677.1	664.0
45°	591.7	596.4	637.3	707.3	763.3	805.9	823.5	825.5	816.1	811.9	801.0
47.5°	590.9	596.4	640.2	724.7	807.2	875.3	924.8	927.3	933.0	929.3	930.0
50°	558.3	563.5	607.5	695.2	794.3	907.0	997.6	1005.5	1014.7	1020.9	1023.9
52.5°	518.6	522.3	561.5	644.7	739.3	893.8	1040.7	1054.3	1068.0	1079.6	1087.8
55°	504.0	508.2	538.9	608.0	695.2	838.9	1060.8	1080.8	1100.2	1119.2	1134.8
57.5°	511.7	515.7	537.7	590.7	669.0	780.9	1066.5	1097.7	1129.4	1160.3	1191.0
60°	539.9	544.1	563.0	606.8	662.0	747.5	1044.2	1095.9	1148.7	1202.7	1253.5
62.5°	528.8	530.5	558.3	635.0	711.6	719.0	963.2	1035.5	1116.0	1199.2	1281.2
63°	518.1	520.1	548.3	627.4	726.7	714.8	938.2	1014.5	1099.4	1189.1	1278.2
65°	469.8	470.1	491.6	554.0	709.8	722.2	826.7	899.5	997.1	1104.6	1217.3
67.5°	350.7	349.0	369.8	417.3	557.3	722.5	709.6	750.4	818.3	913.7	1014.7
70°	124.3	121.6	155.3	221.2	347.2	590.9	609.8	612.5	631.3	682.8	746.2
72.5°	40.4	41.1	49.5	81.0	160.0	397.8	552.1	543.6	538.7	538.4	546.9
75°	16.1	16.3	19.8	35.9	71.8	191.7	483.5	488.2	489.9	492.4	495.1
77.5°	7.7	8.4	11.1	20.1	35.7	94.9	346.0	385.9	408.7	426.2	436.9
80°	2.7	3.2	6.2	12.4	16.6	43.6	182.3	219.9	253.4	296.5	333.6
82.5°	0.0	0.0	1.2	8.7	9.2	17.6	74.8	87.7	100.3	130.0	166.9
85°	0.0	0.0	0.0	2.5	2.7	3.0	25.3	30.5	34.2	39.9	46.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	1.5	3.7	5.7
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):**

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
2.5°	60.9	60.7	60.7	60.2	59.9	59.4	59.2	58.5	58.2	58.2	58.2
5°	72.1	71.1	70.6	69.3	68.6	68.4	67.1	66.6	65.9	66.1	64.9
7.5°	84.5	82.7	82.0	80.2	79.8	78.0	77.5	76.3	75.5	74.1	73.6
10°	98.1	95.8	94.6	91.9	91.1	89.9	88.4	86.9	85.7	84.2	83.5
12.5°	113.7	111.7	110.7	107.0	105.3	103.5	101.5	99.6	97.6	96.3	94.6
15°	132.0	128.8	127.8	124.3	121.4	119.1	116.4	113.9	112.4	110.0	108.2
17.5°	150.1	146.9	146.1	140.9	137.7	136.2	133.2	130.0	127.3	124.8	122.1
20°	168.2	165.9	164.0	159.0	155.5	153.1	149.1	145.9	143.6	140.2	136.7
22.5°	186.2	184.0	182.5	177.3	174.1	170.6	167.2	163.7	160.5	156.3	152.3
25°	204.8	203.3	202.6	197.9	194.9	191.7	188.2	184.3	180.3	175.6	171.4
27.5°	224.1	224.6	223.2	222.2	218.9	216.7	211.3	208.5	205.6	199.9	194.7
30°	248.7	250.1	249.7	250.4	248.4	246.9	242.7	239.3	235.8	230.3	224.4
32.5°	279.6	281.6	282.6	285.3	284.3	283.8	282.6	277.6	275.2	265.8	263.3
35°	327.4	326.4	330.6	332.9	331.9	331.4	329.9	327.2	324.2	317.5	311.3
37.5°	389.6	390.6	392.1	387.6	384.6	384.4	379.9	377.2	373.0	365.6	358.1
40°	503.5	497.3	490.4	471.6	463.4	458.7	445.6	441.8	434.7	424.5	416.8
42.5°	651.6	645.4	624.6	593.2	576.3	553.0	542.4	529.3	519.1	502.5	493.6
45°	798.7	780.9	778.4	741.8	721.0	690.3	671.2	649.1	626.1	604.3	588.5
47.5°	922.8	918.9	906.7	884.4	865.1	839.4	814.8	780.9	757.1	726.2	697.7
50°	1022.1	1021.9	1017.4	1004.6	988.5	967.7	946.1	917.4	890.4	852.5	822.0
52.5°	1096.4	1100.4	1101.9	1097.9	1091.7	1073.4	1062.5	1038.5	1015.7	983.5	950.6
55°	1150.9	1165.5	1173.0	1181.4	1179.7	1173.2	1172.7	1157.1	1146.7	1121.2	1097.9
57.5°	1218.3	1242.3	1265.4	1306.2	1307.7	1322.1	1329.5	1336.9	1338.9	1328.8	1321.1
60°	1304.0	1353.0	1396.6	1482.1	1504.4	1539.5	1562.3	1587.1	1608.1	1609.9	1609.4
62.5°	1364.4	1440.0	1510.3	1637.1	1680.4	1721.1	1751.5	1775.6	1790.2	1805.0	1812.0
63°	1366.2	1448.9	1523.7	1654.4	1700.0	1738.7	1767.6	1789.9	1805.3	1814.2	1818.6
65°	1324.3	1424.6	1513.8	1644.0	1686.9	1725.8	1740.9	1755.5	1762.9	1766.4	1753.3
67.5°	1122.4	1220.5	1324.5	1470.2	1506.8	1553.4	1565.8	1573.2	1576.7	1575.9	1564.8
70°	839.4	921.6	1037.2	1203.7	1252.2	1297.8	1326.0	1338.2	1342.1	1340.9	1324.3
72.5°	586.0	634.3	729.6	914.9	981.0	1039.5	1074.4	1092.5	1096.2	1088.8	1073.4
75°	492.1	494.6	516.1	617.4	679.4	741.8	781.2	792.5	785.1	762.6	723.4
77.5°	439.4	444.8	444.8	459.9	472.1	489.4	493.1	465.4	433.2	391.6	357.9
80°	368.5	387.6	401.0	412.1	413.4	409.9	400.7	385.1	360.4	328.7	293.5
82.5°	223.9	261.5	276.9	334.4	362.6	381.7	380.2	359.4	340.5	307.6	277.6
85°	56.5	60.9	66.1	85.9	96.3	117.6	131.0	137.2	139.4	128.0	115.9
87.5°	5.4	3.7	6.2	4.7	6.7	5.0	6.7	6.2	7.7	8.2	8.9
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):**

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
2.5°	57.7	57.5	57.2	57.0	56.7	56.5	56.0	56.0	55.5	55.2	55.0
5°	64.1	63.7	63.4	62.9	62.2	61.7	60.9	59.9	59.2	58.9	58.5
7.5°	72.3	71.1	70.6	69.8	68.9	67.4	66.4	65.6	64.4	63.7	62.2
10°	81.5	80.2	78.8	77.3	75.8	74.1	72.8	71.8	69.8	68.9	67.1
12.5°	93.1	90.9	89.2	87.2	85.2	83.2	81.7	78.8	77.0	74.8	73.3
15°	105.0	103.0	101.0	98.6	95.6	92.4	90.9	88.2	85.9	82.5	80.5
17.5°	119.4	115.7	112.7	109.7	107.0	104.0	101.0	96.8	93.6	90.6	86.7
20°	133.5	129.0	125.8	121.9	117.9	113.2	109.7	106.7	102.3	98.3	94.1
22.5°	148.6	144.1	138.9	135.0	129.5	125.8	121.1	116.2	111.7	106.5	101.3
25°	166.9	162.2	156.3	151.1	144.9	139.7	134.0	128.3	122.8	116.9	110.2
27.5°	189.5	184.5	178.1	171.9	163.7	157.3	151.8	144.1	137.2	129.8	122.1
30°	218.0	212.5	204.6	195.7	187.5	180.3	172.6	162.5	154.8	145.9	136.0
32.5°	255.1	248.7	238.0	229.6	219.4	210.0	199.4	189.2	178.3	166.7	155.3
35°	301.9	296.0	283.6	271.2	260.1	248.9	235.5	223.9	208.5	194.4	179.8
37.5°	350.5	339.8	328.4	315.0	301.2	287.8	271.4	255.3	237.8	222.4	204.1
40°	405.9	393.1	383.6	369.3	349.7	330.6	315.5	295.5	273.4	252.9	231.3
42.5°	482.0	467.6	450.8	429.0	414.8	392.6	373.0	349.2	320.2	297.2	271.2
45°	569.9	550.3	534.0	512.9	495.8	468.1	445.3	413.6	384.6	354.4	322.7
47.5°	670.2	645.9	622.1	601.3	574.1	546.9	517.9	484.2	447.0	413.9	376.2
50°	785.4	750.9	718.0	691.2	653.9	622.4	590.9	553.0	511.9	473.8	430.9
52.5°	913.4	873.5	829.9	788.8	745.5	705.1	667.2	623.6	577.8	531.3	483.5
55°	1068.0	1038.0	986.7	934.5	876.5	822.5	773.7	719.7	664.0	602.8	552.6
57.5°	1309.9	1295.3	1252.5	1200.2	1124.7	1059.0	976.3	910.2	829.5	745.2	680.4
60°	1637.8	1619.8	1595.7	1553.4	1493.5	1404.3	1313.2	1210.4	1087.5	970.9	860.2
62.5°	1812.7	1806.3	1786.7	1757.5	1701.5	1631.2	1539.3	1426.3	1287.6	1146.0	1004.8
63°	1817.9	1809.7	1792.9	1763.2	1713.9	1645.8	1555.6	1445.9	1310.2	1165.8	1021.6
65°	1747.6	1744.3	1727.3	1694.8	1661.1	1609.1	1539.3	1444.9	1331.0	1194.5	1051.1
67.5°	1549.9	1540.3	1514.0	1504.1	1480.6	1444.4	1391.2	1326.3	1244.8	1137.6	1013.7
70°	1310.9	1296.6	1263.6	1246.0	1217.3	1194.5	1162.1	1115.8	1065.5	990.7	898.3
72.5°	1057.6	1027.8	997.6	951.8	911.7	871.1	835.1	802.5	747.2	717.0	646.9
75°	686.8	632.8	581.0	511.7	449.3	394.0	340.3	313.1	256.3	233.3	200.4
77.5°	325.9	295.7	255.1	223.6	183.5	149.8	122.3	91.9	72.1	56.5	43.1
80°	263.0	237.5	213.0	184.5	154.3	123.1	94.4	70.6	50.0	34.7	24.5
82.5°	234.5	206.8	176.6	157.0	136.5	111.7	91.6	74.8	55.2	40.4	27.5
85°	91.1	76.8	59.2	48.3	37.6	31.0	28.0	19.3	15.1	11.9	9.2
87.5°	7.9	6.4	5.2	3.5	3.7	2.0	2.2	1.5	1.2	1.2	1.0
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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**CANDELA DISTRIBUTION (continued):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
2.5°	54.7	54.5	54.2	53.7	53.7	53.2	53.0	52.8	51.5	48.8	46.6
5°	57.5	57.0	56.5	55.7	55.2	54.5	54.0	53.2	50.5	45.3	40.9
7.5°	61.4	60.4	59.7	58.2	57.5	56.5	55.7	54.5	50.0	42.1	35.9
10°	66.1	64.4	63.2	61.4	59.9	58.7	57.5	55.7	49.5	38.6	31.5
12.5°	71.8	69.8	67.4	65.4	63.4	61.7	59.9	57.7	48.8	35.7	28.0
15°	77.5	74.5	72.8	70.1	67.4	64.9	62.4	60.4	49.0	32.4	25.0
17.5°	84.0	81.0	77.3	74.3	71.3	68.1	65.1	61.2	47.8	30.0	22.8
20°	90.2	85.9	82.5	78.8	74.5	70.6	66.9	63.4	46.8	27.5	20.8
22.5°	96.8	91.9	87.4	82.7	77.5	73.1	68.6	64.1	45.1	25.3	19.1
25°	105.0	99.3	92.9	87.2	81.7	76.3	70.6	65.1	43.3	23.3	17.8
27.5°	114.9	107.5	101.0	93.9	86.2	79.3	73.1	67.1	41.6	21.8	16.6
30°	127.6	118.9	109.7	100.6	92.4	84.5	75.8	68.4	39.9	20.3	15.4
32.5°	144.4	133.5	122.3	111.7	100.8	90.6	81.5	71.8	38.9	19.1	14.1
35°	166.7	152.6	138.9	125.6	112.4	100.1	88.2	77.3	38.9	17.6	12.6
37.5°	187.7	171.4	154.1	137.5	121.9	107.5	93.4	80.2	36.9	16.3	11.4
40°	210.5	191.0	170.6	151.1	132.3	114.4	98.3	83.2	35.2	14.9	10.2
42.5°	245.4	220.7	194.2	171.4	148.9	126.8	106.7	88.9	32.9	13.4	8.9
45°	291.3	259.8	228.6	200.9	172.1	145.1	121.4	99.3	32.4	12.1	7.7
47.5°	340.3	303.1	266.5	231.1	197.4	165.9	137.5	111.0	32.4	10.9	6.7
50°	389.1	342.5	303.4	262.3	224.4	187.2	153.3	123.1	32.7	9.9	5.4
52.5°	433.2	383.4	339.6	292.0	250.1	207.1	170.1	135.0	32.2	8.7	4.5
55°	494.4	435.9	385.1	332.6	283.6	235.0	193.2	152.8	32.4	7.7	3.7
57.5°	607.0	538.4	477.3	408.4	351.9	289.3	238.5	189.5	35.4	6.4	2.7
60°	768.8	679.6	593.7	509.7	437.9	363.3	297.5	239.7	41.6	5.2	2.0
62.5°	877.5	760.8	658.3	565.7	482.2	404.2	332.4	266.7	45.8	4.2	1.2
63°	888.6	768.0	665.0	569.4	484.2	406.2	333.9	268.7	46.1	4.0	1.2
65°	909.7	780.4	668.7	570.1	482.2	403.5	332.9	268.5	46.6	3.2	1.0
67.5°	885.7	761.3	647.2	548.8	464.9	387.4	320.5	258.6	46.3	2.2	0.7
70°	792.1	689.0	588.7	497.1	420.8	350.7	291.8	235.8	42.6	1.5	0.5
72.5°	581.5	511.4	433.7	367.5	317.0	263.3	224.6	177.1	32.9	1.0	0.2
75°	172.4	157.0	132.0	116.4	102.8	85.0	75.5	58.9	16.8	0.5	0.0
77.5°	34.4	31.2	28.0	25.5	24.0	20.6	19.6	16.1	6.9	0.2	0.0
80°	18.1	14.9	12.6	11.1	9.7	7.9	6.7	5.4	1.2	0.0	0.0
82.5°	17.3	11.6	8.4	6.9	5.9	4.7	3.7	2.7	0.7	0.0	0.0
85°	6.4	5.0	3.7	3.0	2.5	2.2	1.7	1.5	0.0	0.0	0.0
87.5°	1.0	0.7	0.7	0.5	0.5	0.2	0.2	0.2	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



REPORT NUMBER: P180423

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**CANDELA DISTRIBUTION (continued):**

	125°	135°	145°	155°	165°	175°	180°
0°	52.3	52.3	52.3	52.3	52.3	52.3	52.3
2.5°	44.3	42.4	41.4	40.1	40.1	39.9	40.4
5°	36.9	34.2	32.2	30.7	31.0	30.2	30.5
7.5°	31.2	28.5	26.7	25.8	25.5	25.3	25.3
10°	27.0	24.5	23.0	22.3	22.0	22.0	22.0
12.5°	24.0	21.5	20.3	19.8	19.8	19.6	19.6
15°	21.5	19.6	18.3	17.8	17.8	17.6	17.8
17.5°	19.6	17.6	16.6	16.1	16.1	15.9	15.9
20°	17.8	16.1	15.1	14.4	14.4	14.1	14.4
22.5°	16.3	14.6	13.4	12.9	12.6	12.4	12.6
25°	14.9	13.1	11.9	11.1	10.9	10.9	10.6
27.5°	13.6	11.9	10.4	9.7	9.4	9.4	9.2
30°	12.4	10.4	8.9	8.2	7.9	7.9	7.9
32.5°	11.1	8.9	7.7	6.9	6.7	6.7	6.7
35°	9.9	7.7	6.4	5.7	5.4	5.4	5.4
37.5°	8.4	6.4	5.0	4.5	4.2	4.0	4.0
40°	7.2	5.0	3.7	3.2	2.7	2.7	2.7
42.5°	5.9	4.0	2.7	2.0	1.7	1.5	1.7
45°	5.0	3.0	1.7	1.0	0.7	0.7	0.7
47.5°	4.0	2.0	0.7	0.2	0.2	0.2	0.2
50°	3.0	1.2	0.2	0.0	0.0	0.2	0.2
52.5°	2.2	0.7	0.0	0.0	0.0	0.0	0.0
55°	1.2	0.2	0.0	0.0	0.0	0.0	0.0
57.5°	0.7	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.5	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.2	0.0	0.0	0.0	0.0	0.0	0.0
63°	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	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

(END OF REPORT)