

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: P180421

Luminaire Tested: **ICS-F01-LED-E1-SL2-HSS-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180421
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-8030
Description: ICON SITE SMALL LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (7) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1149.8 lumens
Efficiency: N/A
Efficacy: 44.4 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

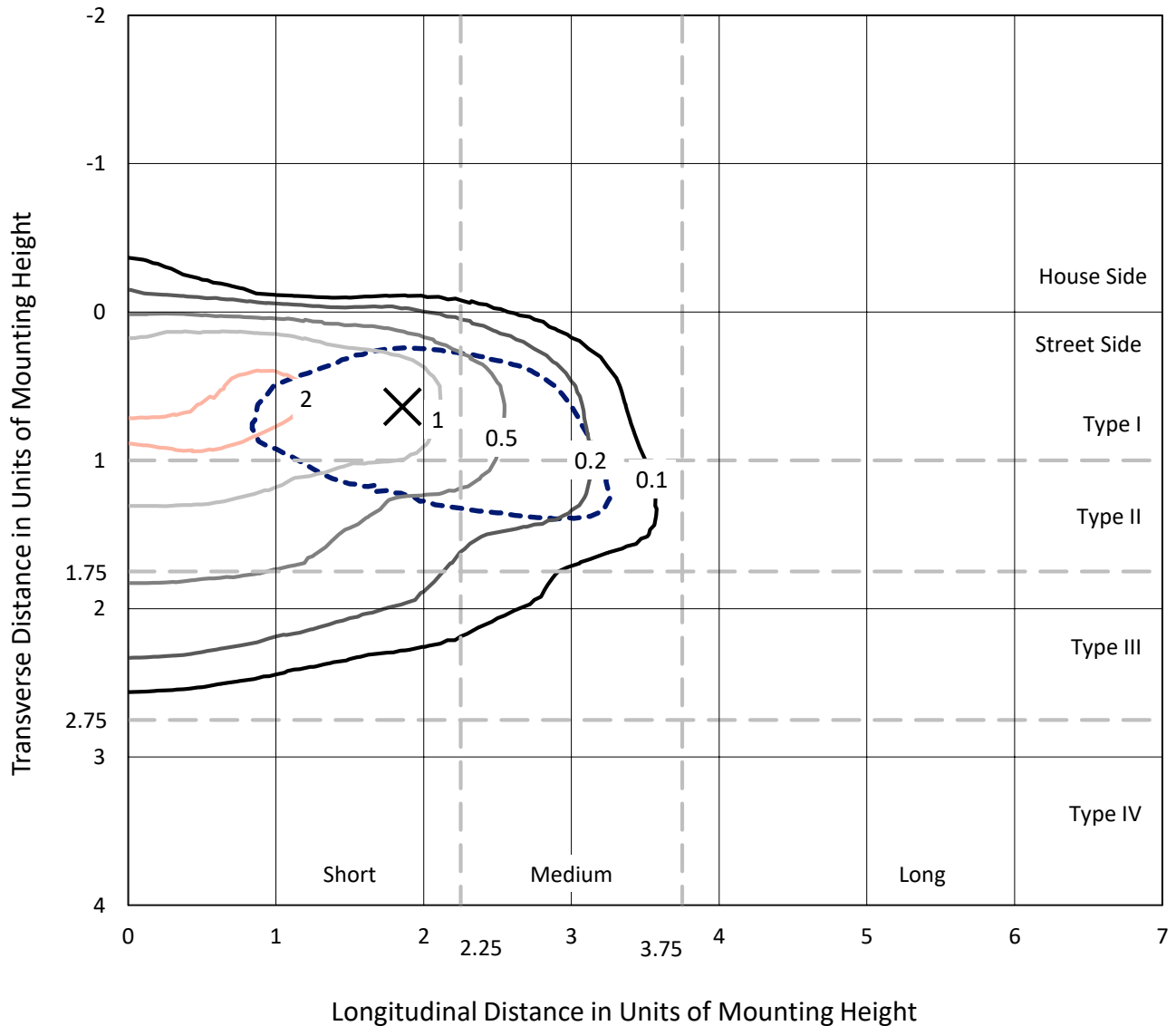
Input Watts (W): 25.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

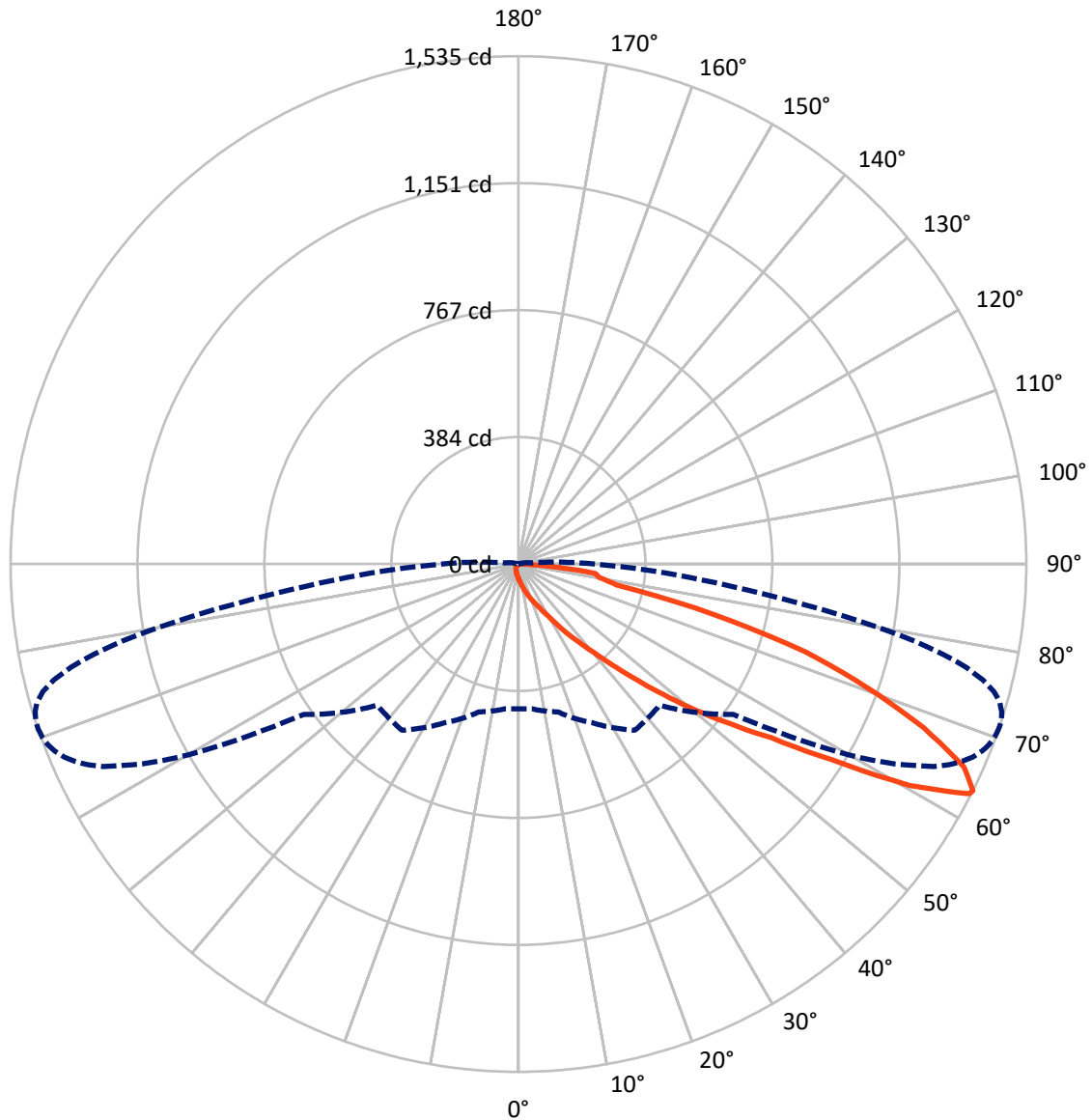
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.4 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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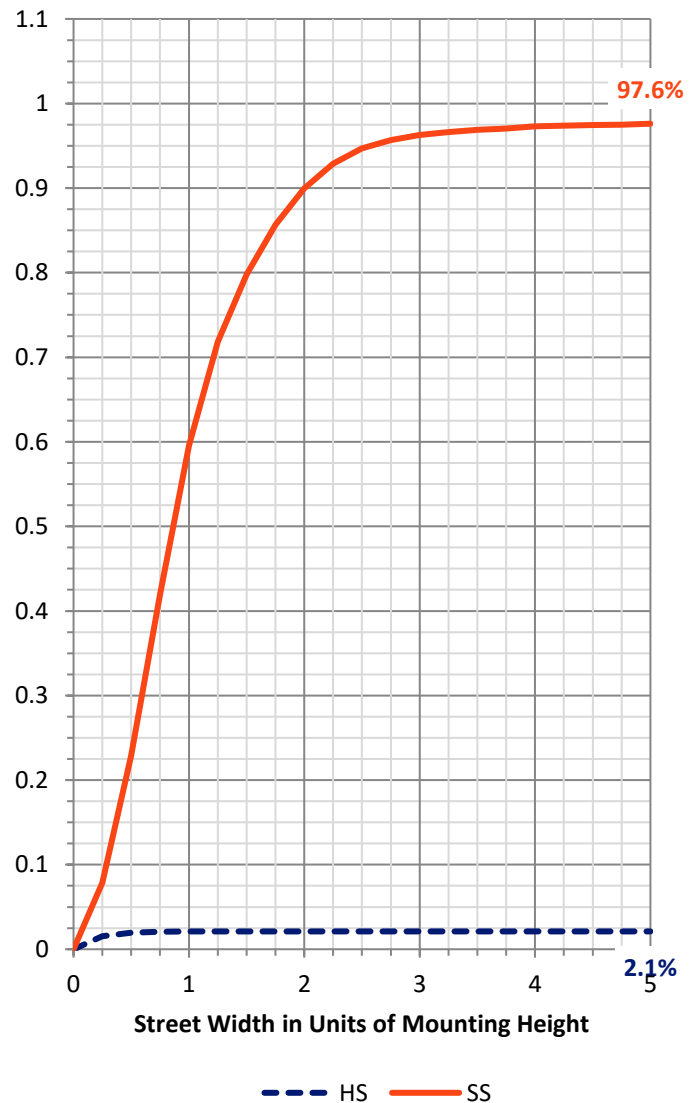
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	24.4	0.0	24.4
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	1125.4	0.0	1125.4
	% Fixture	97.9	0.0	97.9
Total	Lumens	1149.8	0.0	1149.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.9	0.4
10°-20°	18.9	1.6
20°-30°	38.4	3.3
30°-40°	93.8	8.2
40°-50°	209.8	18.2
50°-60°	295.0	25.7
60°-70°	346.9	30.2
70°-80°	125.3	10.9
80°-90°	16.7	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°	1149.8	100.0
0°-180°	1149.8	100.0



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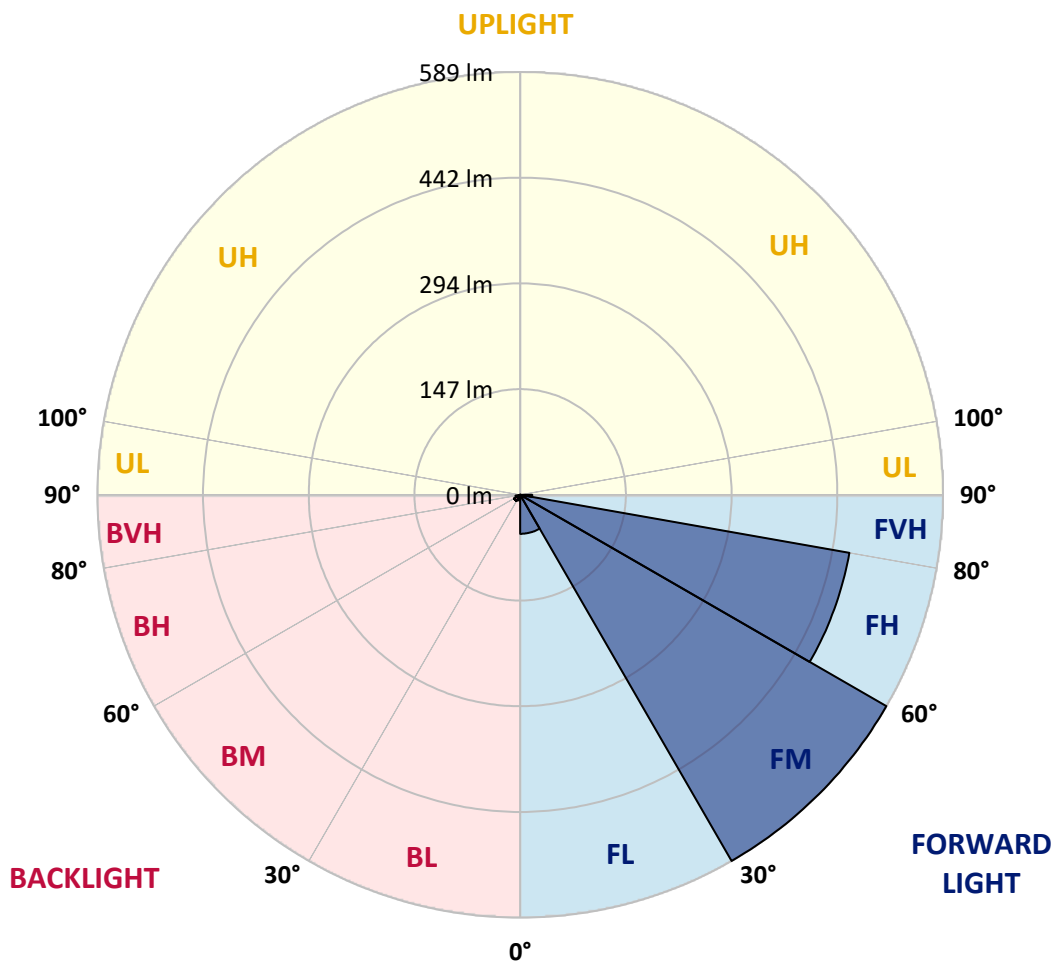
CATALOG NUMBER: ICS-F01-LED-E1-SL2-HSS-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	54.3	4.7			
FM	(30°-60°)	588.8	51.2			
FH	(60°-80°)	465.5	40.5			G0/660
FVH	(80°-90°)	16.7	1.5			G1/100
BL	(0°-30°)	7.8	0.7	B0/110		
BM	(30°-60°)	9.8	0.9	B0/220		
BH	(60°-80°)	6.7	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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
2.5°	57.7	58.3	57.9	56.9	55.6	53.9	52.5	52.5	52.3	51.6	51.8
5°	75.7	75.9	75.0	72.5	70.2	66.7	62.7	62.3	61.9	61.2	61.0
7.5°	93.2	94.1	93.2	90.5	85.9	80.5	74.2	73.6	72.3	72.3	71.5
10°	111.2	111.2	110.4	107.2	103.1	95.3	87.4	86.3	84.9	84.4	83.2
12.5°	124.0	124.0	123.5	121.9	118.5	111.6	102.0	101.0	99.1	98.5	97.0
15°	129.0	129.0	129.2	130.6	130.9	127.7	117.7	116.8	115.0	113.3	112.7
17.5°	132.1	131.9	131.9	134.0	137.8	139.8	133.4	132.5	130.4	129.6	127.5
20°	139.0	138.6	137.3	137.3	140.9	148.2	148.2	148.0	145.7	145.1	144.0
22.5°	149.2	148.8	145.1	141.9	143.6	152.8	161.4	161.0	160.1	159.3	158.7
25°	166.0	164.5	158.0	148.8	147.4	157.2	171.4	172.5	173.1	173.1	173.5
27.5°	191.3	189.4	177.9	160.7	154.3	164.3	182.5	184.6	186.5	186.9	188.8
30°	226.4	223.0	206.5	181.4	166.6	174.8	198.8	201.1	203.8	204.6	207.6
32.5°	284.1	282.2	266.3	228.7	196.9	195.2	221.6	224.5	228.1	229.5	233.1
35°	371.9	372.3	359.3	325.5	281.6	258.6	262.3	264.8	266.1	270.5	272.4
37.5°	431.4	432.5	435.4	422.0	390.7	367.3	337.8	340.5	334.0	334.7	334.9
40°	464.1	467.4	484.5	497.5	495.0	481.4	457.8	459.2	447.1	444.4	431.2
42.5°	485.8	490.2	517.6	557.7	578.2	590.5	585.1	584.5	575.0	571.5	560.4
45°	499.4	503.3	537.8	597.0	644.2	680.2	695.0	696.7	688.8	685.2	676.0
47.5°	498.8	503.3	540.3	611.6	681.2	738.7	780.5	782.6	787.4	784.3	784.9
50°	471.2	475.5	512.8	586.8	670.4	765.5	842.0	848.7	856.4	861.6	864.1
52.5°	437.7	440.8	473.9	544.1	624.0	754.4	878.4	889.8	901.3	911.2	918.1
55°	425.4	428.9	454.9	513.2	586.8	708.0	895.3	912.2	928.5	944.6	957.8
57.5°	431.9	435.2	453.8	498.5	564.6	659.1	900.1	926.4	953.2	979.3	1005.2
60°	455.7	459.2	475.1	512.1	558.7	630.9	881.3	925.0	969.5	1015.1	1057.9
62.5°	446.3	447.7	471.2	536.0	600.5	606.8	812.9	874.0	941.9	1012.1	1081.3
63°	437.3	439.0	462.8	529.5	613.3	603.3	791.8	856.2	927.9	1003.6	1078.8
65°	396.5	396.7	414.9	467.6	599.1	609.5	697.7	759.2	841.6	932.3	1027.4
67.5°	296.0	294.5	312.1	352.2	470.3	609.7	598.9	633.4	690.6	771.1	856.4
70°	104.9	102.6	131.1	186.7	293.1	498.8	514.6	516.9	532.8	576.3	629.8
72.5°	34.1	34.7	41.8	68.4	135.0	335.7	465.9	458.8	454.6	454.4	461.5
75°	13.6	13.8	16.7	30.3	60.6	161.8	408.0	412.0	413.5	415.6	417.9
77.5°	6.5	7.1	9.4	16.9	30.1	80.1	292.0	325.7	344.9	359.7	368.7
80°	2.3	2.7	5.2	10.5	14.0	36.8	153.8	185.6	213.8	250.2	281.6
82.5°	0.0	0.0	1.0	7.3	7.7	14.8	63.1	74.0	84.7	109.7	140.9
85°	0.0	0.0	0.0	2.1	2.3	2.5	21.3	25.7	28.8	33.7	38.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	1.3	3.1	4.8
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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
2.5°	51.4	51.2	51.2	50.8	50.6	50.2	50.0	49.3	49.1	49.1	49.1
5°	60.8	60.0	59.6	58.5	57.9	57.7	56.6	56.2	55.6	55.8	54.8
7.5°	71.3	69.8	69.2	67.7	67.3	65.8	65.4	64.4	63.8	62.5	62.1
10°	82.8	80.9	79.9	77.6	76.9	75.9	74.6	73.4	72.3	71.1	70.4
12.5°	95.9	94.3	93.4	90.3	88.8	87.4	85.7	84.0	82.4	81.3	79.9
15°	111.4	108.7	107.9	104.9	102.4	100.5	98.2	96.2	94.9	92.8	91.3
17.5°	126.7	124.0	123.3	118.9	116.2	115.0	112.5	109.7	107.4	105.4	103.1
20°	141.9	140.1	138.4	134.2	131.3	129.2	125.8	123.1	121.2	118.3	115.4
22.5°	157.2	155.3	154.1	149.7	146.9	144.0	141.1	138.2	135.5	131.9	128.6
25°	172.9	171.6	171.0	167.0	164.5	161.8	158.9	155.5	152.2	148.2	144.7
27.5°	189.2	189.6	188.3	187.5	184.8	182.9	178.3	176.0	173.5	168.7	164.3
30°	209.9	211.1	210.7	211.3	209.7	208.4	204.9	201.9	199.0	194.4	189.4
32.5°	236.0	237.7	238.5	240.8	240.0	239.6	238.5	234.3	232.2	224.3	222.2
35°	276.3	275.5	279.1	280.9	280.1	279.7	278.4	276.1	273.6	268.0	262.8
37.5°	328.8	329.6	330.9	327.1	324.6	324.4	320.7	318.4	314.8	308.5	302.3
40°	425.0	419.7	413.9	398.0	391.1	387.1	376.0	372.9	366.9	358.3	351.8
42.5°	550.0	544.7	527.2	500.6	486.4	466.8	457.8	446.7	438.1	424.1	416.6
45°	674.1	659.1	657.0	626.1	608.5	582.6	566.5	547.9	528.4	510.0	496.7
47.5°	778.9	775.5	765.3	746.5	730.1	708.4	687.7	659.1	639.0	612.9	588.8
50°	862.7	862.5	858.7	847.8	834.2	816.7	798.5	774.3	751.5	719.5	693.8
52.5°	925.4	928.7	930.0	926.6	921.4	905.9	896.7	876.5	857.2	830.1	802.3
55°	971.4	983.7	990.0	997.1	995.6	990.2	989.8	976.6	967.8	946.3	926.6
57.5°	1028.2	1048.5	1067.9	1102.4	1103.7	1115.8	1122.1	1128.4	1130.0	1121.5	1115.0
60°	1100.6	1141.9	1178.7	1250.8	1269.7	1299.3	1318.6	1339.5	1357.2	1358.7	1358.3
62.5°	1151.6	1215.3	1274.7	1381.7	1418.3	1452.6	1478.3	1498.6	1510.9	1523.4	1529.3
63°	1153.0	1222.8	1286.0	1396.3	1434.8	1467.4	1491.9	1510.7	1523.6	1531.2	1534.9
65°	1117.7	1202.4	1277.6	1387.6	1423.7	1456.5	1469.3	1481.6	1487.9	1490.8	1479.7
67.5°	947.3	1030.1	1117.9	1240.8	1271.8	1311.0	1321.5	1327.8	1330.7	1330.1	1320.7
70°	708.4	777.8	875.4	1015.9	1056.9	1095.3	1119.2	1129.4	1132.7	1131.7	1117.7
72.5°	494.6	535.3	615.8	772.2	828.0	877.3	906.8	922.0	925.2	918.9	905.9
75°	415.3	417.4	435.6	521.1	573.4	626.1	659.3	668.9	662.6	643.6	610.6
77.5°	370.8	375.4	375.4	388.2	398.4	413.0	416.2	392.8	365.6	330.5	302.1
80°	311.0	327.1	338.4	347.8	348.9	345.9	338.2	325.0	304.1	277.4	247.7
82.5°	189.0	220.7	233.7	282.2	306.0	322.1	320.9	303.3	287.4	259.6	234.3
85°	47.7	51.4	55.8	72.5	81.3	99.3	110.6	115.8	117.7	108.1	97.8
87.5°	4.6	3.1	5.2	4.0	5.6	4.2	5.6	5.2	6.5	6.9	7.5
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
2.5°	48.7	48.5	48.3	48.1	47.9	47.7	47.2	47.2	46.8	46.6	46.4
5°	54.1	53.7	53.5	53.1	52.5	52.0	51.4	50.6	50.0	49.7	49.3
7.5°	61.0	60.0	59.6	58.9	58.1	56.9	56.0	55.4	54.3	53.7	52.5
10°	68.8	67.7	66.5	65.2	64.0	62.5	61.5	60.6	58.9	58.1	56.6
12.5°	78.6	76.7	75.3	73.6	71.9	70.2	69.0	66.5	65.0	63.1	61.9
15°	88.6	87.0	85.3	83.2	80.7	78.0	76.7	74.4	72.5	69.6	67.9
17.5°	100.8	97.6	95.1	92.6	90.3	87.8	85.3	81.7	79.0	76.5	73.2
20°	112.7	108.9	106.2	102.8	99.5	95.5	92.6	90.1	86.3	83.0	79.4
22.5°	125.4	121.7	117.3	113.9	109.3	106.2	102.2	98.0	94.3	89.9	85.5
25°	140.9	136.9	131.9	127.5	122.3	117.9	113.1	108.3	103.7	98.7	93.0
27.5°	159.9	155.7	150.3	145.1	138.2	132.7	128.1	121.7	115.8	109.5	103.1
30°	183.9	179.3	172.7	165.1	158.2	152.2	145.7	137.1	130.6	123.1	114.8
32.5°	215.3	209.9	200.9	193.8	185.2	177.3	168.3	159.7	150.5	140.7	131.1
35°	254.8	249.8	239.3	228.9	219.5	210.1	198.8	189.0	176.0	164.1	151.8
37.5°	295.8	286.8	277.2	265.9	254.2	242.9	229.1	215.5	200.7	187.7	172.2
40°	342.6	331.7	323.8	311.7	295.2	279.1	266.3	249.4	230.8	213.4	195.2
42.5°	406.8	394.7	380.4	362.0	350.1	331.3	314.8	294.7	270.3	250.8	228.9
45°	481.0	464.5	450.7	432.9	418.5	395.1	375.8	349.1	324.6	299.1	272.4
47.5°	565.6	545.2	525.1	507.5	484.5	461.5	437.1	408.7	377.3	349.3	317.5
50°	662.8	633.8	606.0	583.4	551.8	525.3	498.8	466.8	432.1	399.9	363.7
52.5°	770.9	737.3	700.5	665.8	629.2	595.1	563.1	526.3	487.7	448.4	408.0
55°	901.3	876.1	832.8	788.7	739.8	694.2	653.0	607.4	560.4	508.8	466.4
57.5°	1105.6	1093.2	1057.1	1013.0	949.2	893.8	824.0	768.2	700.0	629.0	574.2
60°	1382.3	1367.1	1346.8	1311.0	1260.5	1185.2	1108.3	1021.5	917.9	819.4	726.0
62.5°	1529.9	1524.5	1508.0	1483.3	1436.1	1376.7	1299.1	1203.8	1086.8	967.2	848.0
63°	1534.3	1527.4	1513.2	1488.1	1446.5	1389.0	1312.9	1220.3	1105.8	983.9	862.3
65°	1474.9	1472.2	1457.8	1430.4	1402.0	1358.1	1299.1	1219.5	1123.3	1008.2	887.1
67.5°	1308.1	1300.0	1277.8	1269.5	1249.6	1219.1	1174.1	1119.4	1050.6	960.1	855.6
70°	1106.4	1094.3	1066.5	1051.6	1027.4	1008.2	980.8	941.7	899.3	836.1	758.2
72.5°	892.6	867.5	842.0	803.3	769.4	735.2	704.9	677.3	630.6	605.1	546.0
75°	579.6	534.1	490.4	431.9	379.2	332.6	287.2	264.2	216.3	196.9	169.1
77.5°	275.1	249.6	215.3	188.8	154.9	126.5	103.3	77.6	60.8	47.7	36.4
80°	222.0	200.5	179.8	155.7	130.2	103.9	79.6	59.6	42.2	29.3	20.7
82.5°	198.0	174.5	149.0	132.5	115.2	94.3	77.3	63.1	46.6	34.1	23.2
85°	76.9	64.8	50.0	40.8	31.8	26.1	23.6	16.3	12.8	10.0	7.7
87.5°	6.7	5.4	4.4	2.9	3.1	1.7	1.9	1.3	1.0	1.0	0.8
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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
2.5°	46.2	46.0	45.8	45.4	45.4	44.9	44.7	44.5	43.5	41.2	39.3
5°	48.5	48.1	47.7	47.0	46.6	46.0	45.6	44.9	42.6	38.3	34.5
7.5°	51.8	51.0	50.4	49.1	48.5	47.7	47.0	46.0	42.2	35.5	30.3
10°	55.8	54.3	53.3	51.8	50.6	49.5	48.5	47.0	41.8	32.6	26.5
12.5°	60.6	58.9	56.9	55.2	53.5	52.0	50.6	48.7	41.2	30.1	23.6
15°	65.4	62.9	61.5	59.2	56.9	54.8	52.7	51.0	41.4	27.4	21.1
17.5°	70.9	68.4	65.2	62.7	60.2	57.5	55.0	51.6	40.3	25.3	19.2
20°	76.1	72.5	69.6	66.5	62.9	59.6	56.4	53.5	39.5	23.2	17.6
22.5°	81.7	77.6	73.8	69.8	65.4	61.7	57.9	54.1	38.0	21.3	16.1
25°	88.6	83.8	78.4	73.6	69.0	64.4	59.6	55.0	36.6	19.6	15.1
27.5°	97.0	90.7	85.3	79.2	72.7	66.9	61.7	56.6	35.1	18.4	14.0
30°	107.7	100.3	92.6	84.9	78.0	71.3	64.0	57.7	33.7	17.1	13.0
32.5°	121.9	112.7	103.3	94.3	85.1	76.5	68.8	60.6	32.8	16.1	11.9
35°	140.7	128.8	117.3	106.0	94.9	84.4	74.4	65.2	32.8	14.8	10.7
37.5°	158.4	144.7	130.0	116.0	102.8	90.7	78.8	67.7	31.1	13.8	9.6
40°	177.7	161.2	144.0	127.5	111.6	96.6	83.0	70.2	29.7	12.5	8.6
42.5°	207.2	186.2	163.9	144.7	125.6	107.0	90.1	75.0	27.8	11.3	7.5
45°	245.8	219.3	192.9	169.5	145.3	122.5	102.4	83.8	27.4	10.2	6.5
47.5°	287.2	255.9	224.9	195.0	166.6	140.1	116.0	93.6	27.4	9.2	5.6
50°	328.4	289.1	256.1	221.4	189.4	158.0	129.4	103.9	27.6	8.4	4.6
52.5°	365.6	323.6	286.6	246.4	211.1	174.8	143.6	113.9	27.2	7.3	3.8
55°	417.2	367.9	325.0	280.7	239.3	198.4	163.0	129.0	27.4	6.5	3.1
57.5°	512.3	454.4	402.8	344.7	297.0	244.1	201.3	159.9	29.9	5.4	2.3
60°	648.8	573.6	501.0	430.2	369.6	306.6	251.0	202.3	35.1	4.4	1.7
62.5°	740.6	642.1	555.6	477.4	407.0	341.1	280.5	225.1	38.7	3.6	1.0
63°	750.0	648.2	561.3	480.6	408.7	342.8	281.8	226.8	38.9	3.3	1.0
65°	767.8	658.7	564.4	481.2	407.0	340.5	280.9	226.6	39.3	2.7	0.8
67.5°	747.5	642.6	546.2	463.2	392.4	326.9	270.5	218.2	39.1	1.9	0.6
70°	668.5	581.5	496.9	419.5	355.1	296.0	246.2	199.0	36.0	1.3	0.4
72.5°	490.8	431.7	366.0	310.2	267.6	222.2	189.6	149.5	27.8	0.8	0.2
75°	145.5	132.5	111.4	98.2	86.7	71.7	63.8	49.7	14.2	0.4	0.0
77.5°	29.1	26.3	23.6	21.5	20.3	17.3	16.5	13.6	5.9	0.2	0.0
80°	15.3	12.5	10.7	9.4	8.2	6.7	5.6	4.6	1.0	0.0	0.0
82.5°	14.6	9.8	7.1	5.9	5.0	4.0	3.1	2.3	0.6	0.0	0.0
85°	5.4	4.2	3.1	2.5	2.1	1.9	1.5	1.3	0.0	0.0	0.0
87.5°	0.8	0.6	0.6	0.4	0.4	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



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CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	44.1	44.1	44.1	44.1	44.1	44.1	44.1
2.5°	37.4	35.7	34.9	33.9	33.9	33.7	34.1
5°	31.1	28.8	27.2	25.9	26.1	25.5	25.7
7.5°	26.3	24.0	22.6	21.7	21.5	21.3	21.3
10°	22.8	20.7	19.4	18.8	18.6	18.6	18.6
12.5°	20.3	18.2	17.1	16.7	16.7	16.5	16.5
15°	18.2	16.5	15.5	15.1	15.1	14.8	15.1
17.5°	16.5	14.8	14.0	13.6	13.6	13.4	13.4
20°	15.1	13.6	12.8	12.1	12.1	11.9	12.1
22.5°	13.8	12.3	11.3	10.9	10.7	10.5	10.7
25°	12.5	11.1	10.0	9.4	9.2	9.2	9.0
27.5°	11.5	10.0	8.8	8.2	7.9	7.9	7.7
30°	10.5	8.8	7.5	6.9	6.7	6.7	6.7
32.5°	9.4	7.5	6.5	5.9	5.6	5.6	5.6
35°	8.4	6.5	5.4	4.8	4.6	4.6	4.6
37.5°	7.1	5.4	4.2	3.8	3.6	3.3	3.3
40°	6.1	4.2	3.1	2.7	2.3	2.3	2.3
42.5°	5.0	3.3	2.3	1.7	1.5	1.3	1.5
45°	4.2	2.5	1.5	0.8	0.6	0.6	0.6
47.5°	3.3	1.7	0.6	0.2	0.2	0.2	0.2
50°	2.5	1.0	0.2	0.0	0.0	0.2	0.2
52.5°	1.9	0.6	0.0	0.0	0.0	0.0	0.0
55°	1.0	0.2	0.0	0.0	0.0	0.0	0.0
57.5°	0.6	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.4	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)