

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: P181159

Luminaire Tested: **ICM-F01-LED-E1-T2-HSS-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181159
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33723)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICM-F01-LED-E1-T2-HSS-8030
Description: ICON SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ HOUSE SIDE SHIELD
Light Source: (7) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1037.8 lumens
Efficiency: N/A
Efficacy: 40.1 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

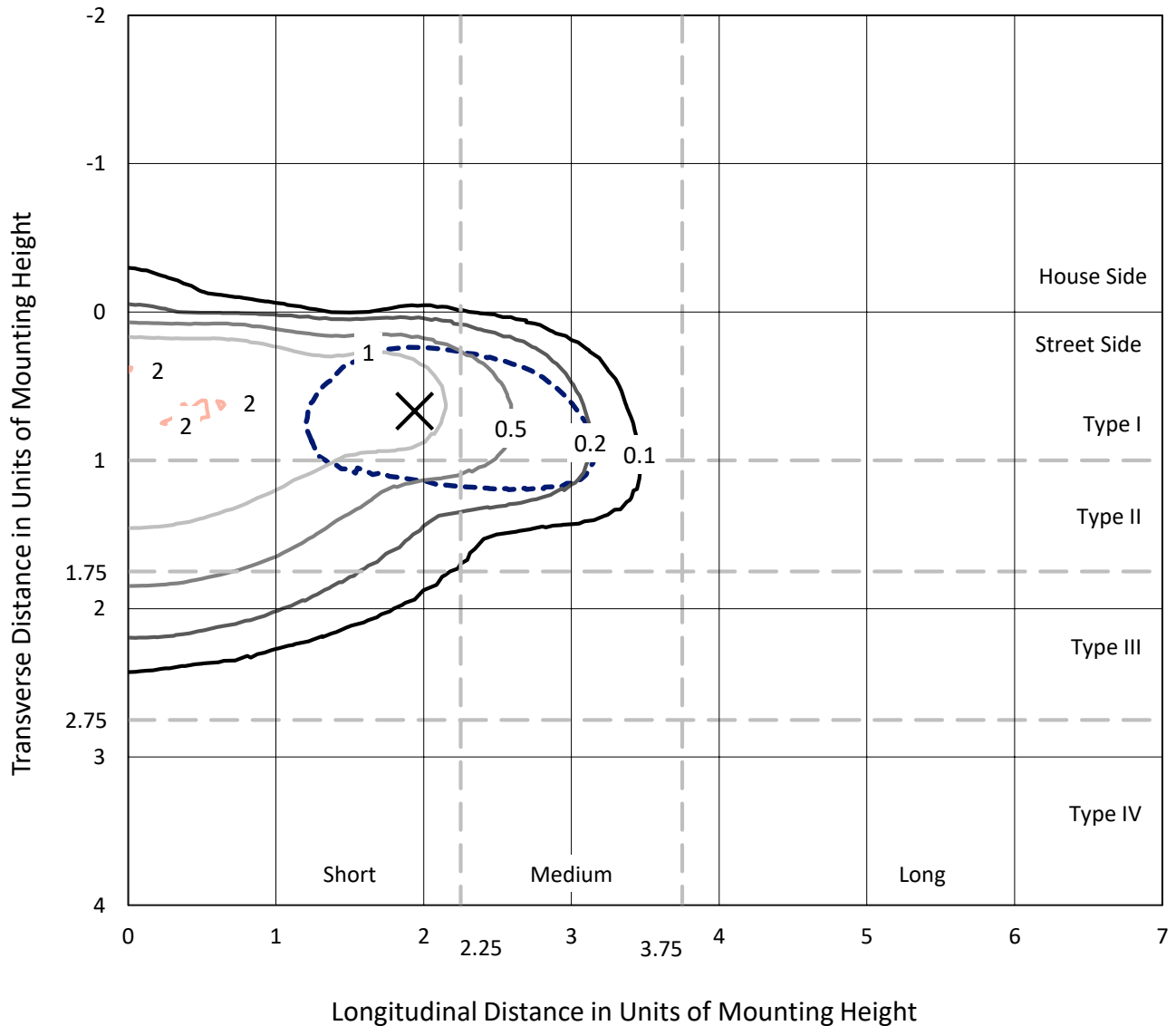
Input Watts (W): 25.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

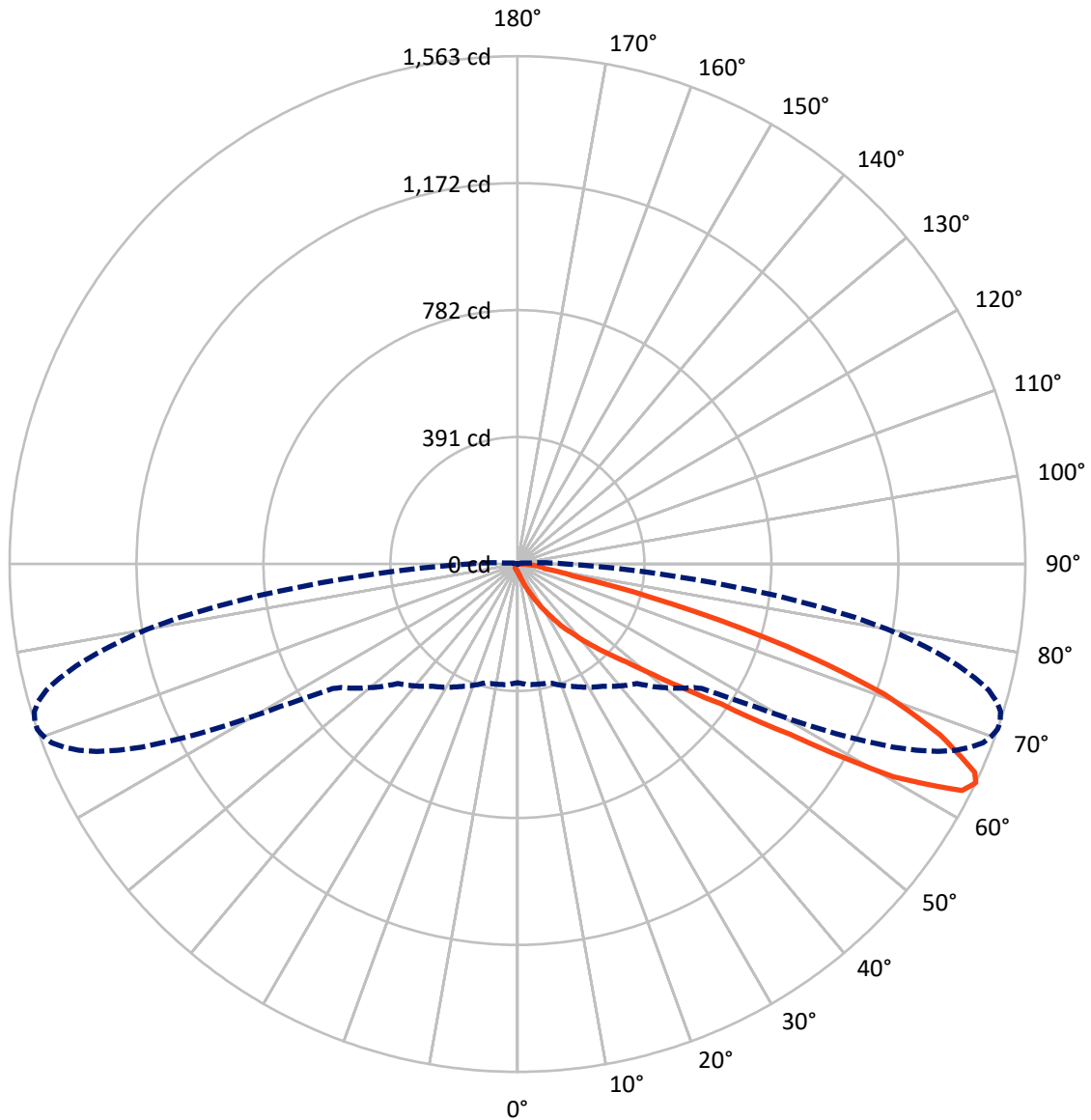
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral - - - Horizontal Cone Through 64-Deg Vertical

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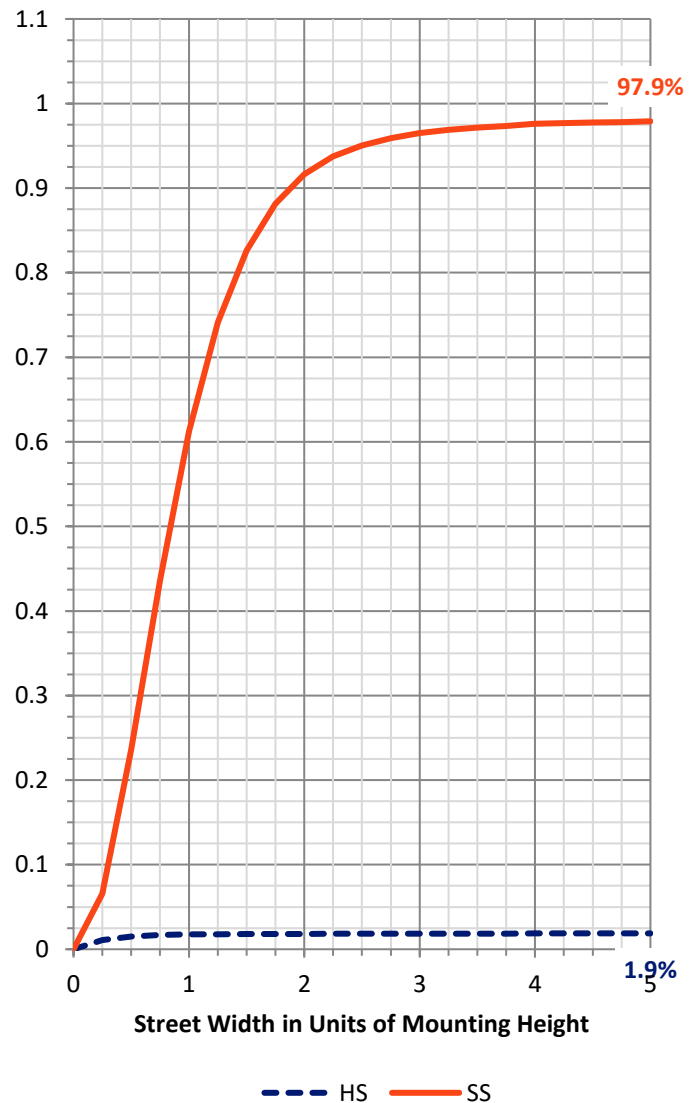
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	19.8	0.0	19.8
	% Fixture	1.9	0.0	1.9
Street Side	Lumens	1018.0	0.0	1018.0
	% Fixture	98.1	0.0	98.1
Total	Lumens	1037.8	0.0	1037.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.2	0.3
10°-20°	18.8	1.8
20°-30°	47.9	4.6
30°-40°	96.9	9.3
40°-50°	177.2	17.1
50°-60°	276.1	26.6
60°-70°	306.9	29.6
70°-80°	100.1	9.6
80°-90°	10.8	1.0
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°	1037.8	100.0
0°-180°	1037.8	100.0



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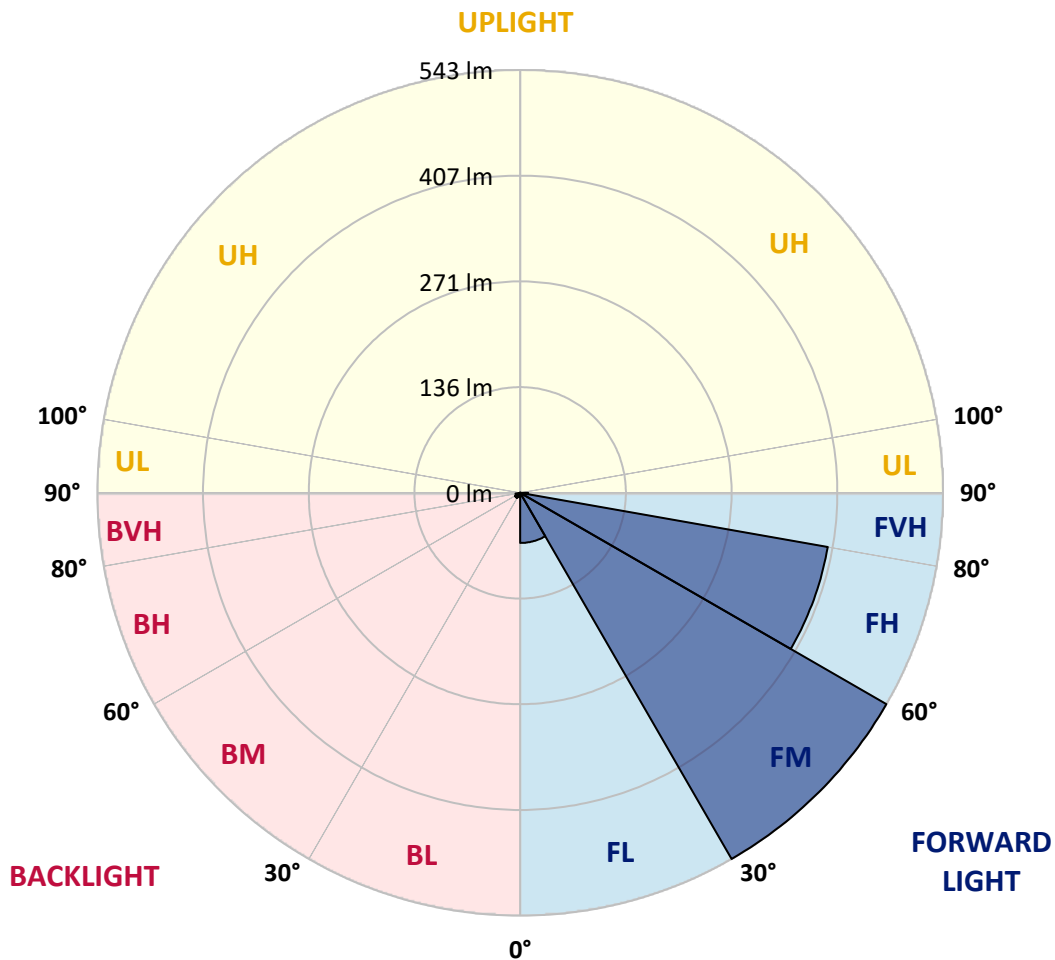
CATALOG NUMBER: ICM-F01-LED-E1-T2-HSS-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	64.3	6.2			
FM (30°-60°)	542.6	52.3			
FH (60°-80°)	400.8	38.6			G0/660
FVH (80°-90°)	10.3	1.0			G1/100
BL (0°-30°)	5.5	0.5	B0/110		
BM (30°-60°)	7.7	0.7	B0/220		
BH (60°-80°)	6.1	0.6	B0/110		G0/110
BVH (80°-90°)	0.5	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°	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
2.5°	31.1	30.7	30.7	30.0	29.2	28.3	27.4	27.3	27.0	26.8	26.8
5°	48.8	47.1	46.4	44.1	41.0	37.4	34.1	33.3	33.3	32.7	32.2
7.5°	76.7	75.8	71.3	68.9	61.8	52.9	43.6	42.8	42.6	41.7	40.4
10°	112.4	110.6	107.3	100.5	87.5	72.2	59.0	56.8	55.3	53.6	51.8
12.5°	148.0	145.9	141.1	129.9	116.8	97.2	76.1	74.1	71.7	69.4	66.5
15°	183.6	182.1	174.8	163.5	146.7	123.2	96.4	92.9	91.0	86.2	84.0
17.5°	214.5	212.6	206.8	194.0	176.5	150.6	118.8	114.5	111.3	108.5	103.3
20°	241.3	239.4	233.8	223.2	203.5	178.0	143.0	140.8	135.1	130.7	127.7
22.5°	257.8	257.1	253.4	243.3	225.8	203.1	170.7	167.3	163.3	157.5	154.0
25°	267.9	267.3	265.1	258.0	246.0	229.4	201.1	196.8	193.4	188.2	183.8
27.5°	278.5	278.0	276.3	270.0	263.8	253.4	232.0	229.7	222.0	219.1	215.0
30°	296.0	294.0	295.5	292.6	284.6	278.0	263.2	259.7	256.5	251.3	247.6
32.5°	323.8	320.7	323.8	320.7	317.1	309.4	295.1	294.0	290.8	287.5	282.3
35°	358.0	356.7	359.3	362.0	359.3	348.9	331.6	328.4	327.1	321.9	320.0
37.5°	392.4	394.7	399.4	405.8	404.0	396.5	372.0	369.0	366.6	362.0	358.6
40°	429.3	429.5	439.6	448.7	453.3	448.7	416.6	414.1	410.9	404.5	403.5
42.5°	469.5	467.7	475.3	485.5	494.7	501.0	475.3	470.8	466.2	458.9	453.9
45°	505.1	505.1	511.2	520.7	534.9	550.7	537.3	532.6	528.2	522.1	516.6
47.5°	531.4	531.7	535.4	549.2	571.4	595.0	595.4	596.3	593.0	585.9	586.1
50°	550.0	547.6	552.7	566.0	591.7	628.7	655.3	656.7	659.4	653.5	655.3
52.5°	563.6	562.6	565.9	577.0	602.8	647.9	704.3	710.8	714.7	715.5	722.7
55°	556.6	557.2	564.9	581.1	608.8	660.7	746.0	756.6	765.7	773.4	782.3
57.5°	532.9	534.9	548.6	573.8	610.1	671.1	790.3	806.5	823.5	844.3	861.8
60°	495.4	499.9	518.3	553.7	597.6	657.4	803.4	828.3	854.4	886.0	921.2
62.5°	440.3	441.1	453.3	487.6	536.0	585.0	743.0	774.7	809.3	854.9	904.1
64°	364.9	372.7	378.3	416.1	459.4	520.5	663.1	685.0	733.2	789.2	851.2
65°	301.1	310.4	315.0	352.8	402.2	460.6	593.5	617.0	667.8	724.7	802.0
67.5°	177.6	171.3	184.5	206.8	248.2	317.4	400.4	418.2	456.1	523.7	585.5
70°	114.5	114.5	126.6	149.3	187.7	240.7	275.0	267.4	275.4	301.6	345.2
72.5°	73.5	77.3	84.7	103.9	139.5	201.8	281.1	245.4	226.9	218.2	217.8
75°	33.5	35.6	43.6	55.1	74.5	131.5	283.4	267.9	250.8	234.4	221.7
77.5°	7.2	8.2	13.9	28.6	36.3	60.7	201.1	224.5	243.1	248.5	248.5
80°	3.6	3.9	5.9	13.4	15.5	20.6	77.6	102.0	125.8	157.0	189.9
82.5°	1.5	1.8	3.4	6.0	6.5	6.2	20.6	26.0	35.6	51.8	77.3
85°	0.5	0.5	1.5	2.4	3.4	2.8	4.6	5.2	6.7	9.8	18.6
87.5°	0.0	0.0	0.2	0.5	0.7	1.1	1.3	1.3	1.3	1.3	1.3
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°	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
2.5°	26.6	26.6	26.3	26.1	26.1	25.7	25.7	25.5	25.5	25.3	25.3
5°	32.0	31.5	31.1	30.4	30.2	29.8	29.4	28.9	28.6	28.3	27.9
7.5°	39.7	39.3	38.0	37.1	36.1	35.4	34.6	34.0	33.3	32.8	32.0
10°	50.1	48.7	48.0	44.9	44.3	42.8	41.5	40.7	38.9	37.8	36.7
12.5°	64.8	62.0	60.9	55.7	54.2	52.1	50.5	48.4	46.4	45.1	43.2
15°	81.5	79.3	75.2	70.0	67.2	64.8	61.1	59.4	56.8	54.0	51.2
17.5°	101.3	97.4	92.9	86.2	82.7	79.1	75.6	71.9	67.6	65.0	62.0
20°	124.5	120.4	114.7	106.3	102.2	98.5	92.5	89.9	84.7	79.5	75.6
22.5°	149.7	145.6	140.2	130.7	125.3	119.3	114.3	109.8	103.7	98.5	94.0
25°	178.2	173.5	169.4	158.3	151.6	145.4	140.0	132.0	126.8	120.7	114.5
27.5°	210.6	205.0	199.6	187.5	181.3	174.3	167.9	159.4	154.5	144.6	138.7
30°	243.9	237.0	231.4	219.1	213.5	206.3	197.5	189.9	181.5	174.8	165.3
32.5°	278.9	273.3	268.7	255.8	248.7	239.8	231.8	223.8	216.5	205.7	197.0
35°	316.3	311.4	306.3	295.1	288.8	282.1	273.1	263.4	253.2	242.0	234.2
37.5°	355.6	351.7	347.8	334.2	326.9	319.7	309.4	299.6	290.6	278.7	265.5
40°	396.8	393.2	387.0	375.7	367.9	361.4	351.9	342.9	330.5	317.4	305.7
42.5°	448.7	440.7	435.4	423.0	414.8	407.6	399.3	385.7	375.3	359.5	348.3
45°	509.4	501.9	493.0	480.5	470.3	458.7	446.8	437.5	424.6	410.2	395.8
47.5°	577.7	571.6	561.3	548.9	538.8	527.2	513.1	501.2	485.5	468.8	449.1
50°	652.8	646.6	639.7	625.9	615.7	604.7	593.7	579.6	565.4	545.5	525.2
52.5°	722.7	724.0	719.8	713.4	708.4	696.9	686.8	673.4	660.8	642.7	627.0
55°	791.5	802.8	807.2	813.4	815.5	806.2	806.1	786.4	778.8	768.3	759.2
57.5°	882.5	907.4	927.1	965.0	981.0	997.2	1000.3	986.4	1000.8	982.3	988.7
60°	959.9	1005.5	1054.3	1152.6	1201.9	1239.0	1268.8	1290.9	1305.1	1329.3	1330.6
62.5°	966.8	1038.5	1112.8	1256.3	1323.7	1380.1	1433.9	1471.5	1501.3	1528.8	1535.5
64°	933.8	1022.5	1112.8	1286.3	1355.3	1417.9	1466.9	1504.3	1534.8	1551.8	1563.1
65°	873.7	973.0	1076.9	1266.4	1337.5	1404.1	1451.0	1488.6	1517.3	1534.3	1546.0
67.5°	647.3	743.4	847.7	1068.4	1180.3	1241.1	1301.2	1354.0	1377.0	1398.7	1402.8
70°	394.5	464.3	536.2	740.8	844.7	954.2	1021.9	1099.0	1153.0	1186.3	1197.3
72.5°	238.0	262.2	305.3	415.3	514.8	591.7	685.3	759.0	819.4	852.9	869.8
75°	211.9	208.9	214.5	260.4	295.7	342.0	375.9	422.1	459.5	471.2	493.0
77.5°	245.0	236.4	227.5	218.9	217.1	212.8	205.9	207.6	191.2	175.4	175.8
80°	218.2	239.0	251.3	242.1	221.7	200.9	175.4	143.6	112.4	92.9	84.7
82.5°	109.5	155.7	200.3	244.4	241.3	223.0	194.9	160.1	124.0	95.3	76.1
85°	33.7	59.8	84.3	117.1	135.9	133.3	117.1	113.9	81.2	63.3	48.8
87.5°	1.5	1.5	1.5	1.3	1.5	1.5	1.5	1.8	1.8	2.0	2.0
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
2.5°	25.3	25.0	24.8	24.7	24.7	24.7	24.4	24.4	24.2	24.2	24.0
5°	27.9	27.4	27.3	26.8	26.8	26.3	26.1	26.0	25.5	25.3	25.0
7.5°	31.3	30.9	30.2	29.6	29.4	28.7	28.1	27.6	27.3	26.8	26.3
10°	35.9	35.0	33.7	32.8	32.2	31.3	30.4	29.8	28.9	28.1	27.6
12.5°	41.7	40.0	38.7	37.1	35.9	34.6	33.0	32.2	31.3	30.0	29.2
15°	48.4	46.7	45.1	42.6	40.4	38.7	37.4	35.4	34.0	32.2	30.9
17.5°	59.8	55.3	52.3	49.7	47.5	44.3	41.7	39.5	37.6	35.4	34.0
20°	71.1	67.2	63.1	60.1	55.3	52.5	49.0	46.0	42.6	40.0	37.4
22.5°	87.5	82.5	77.3	72.8	66.3	62.4	57.9	54.0	49.7	45.4	42.6
25°	108.3	100.9	94.0	87.5	81.5	75.6	69.8	63.5	59.0	53.8	49.0
27.5°	130.0	121.9	115.2	106.7	99.0	91.8	84.5	77.8	70.0	63.3	57.7
30°	157.5	146.2	138.5	128.4	120.6	110.6	101.6	92.7	83.2	75.4	67.4
32.5°	185.4	177.8	164.7	156.0	144.3	132.5	122.9	112.7	101.1	91.0	81.2
35°	222.0	209.1	198.1	186.0	173.3	160.9	148.7	134.1	122.3	109.8	97.9
37.5°	254.5	241.3	228.6	212.8	198.3	185.4	170.4	155.3	141.3	126.4	112.1
40°	292.1	275.6	260.6	245.9	227.9	212.6	197.0	178.2	162.0	145.6	128.7
42.5°	333.1	316.5	298.6	281.7	262.0	243.3	224.0	205.2	187.1	167.3	147.5
45°	378.0	360.6	340.5	321.2	299.9	279.2	256.2	234.6	213.2	191.0	168.3
47.5°	433.8	411.4	392.7	368.7	342.2	320.4	292.3	267.7	243.3	217.3	191.8
50°	506.0	480.5	453.7	427.1	397.8	370.0	339.0	309.8	277.2	248.2	219.1
52.5°	601.7	582.7	551.5	521.1	485.2	450.0	407.3	369.4	327.5	290.6	254.9
55°	737.6	725.0	698.1	664.7	633.4	582.1	532.7	474.0	419.5	366.4	316.3
57.5°	983.6	970.1	940.0	932.0	883.8	846.1	788.4	712.3	620.0	538.8	457.8
60°	1338.0	1311.4	1282.0	1276.6	1220.0	1180.3	1123.0	1042.0	955.2	825.5	715.1
62.5°	1535.8	1527.8	1504.1	1474.9	1425.9	1366.9	1302.5	1224.1	1135.9	1022.3	891.0
64°	1562.4	1555.1	1534.5	1501.7	1452.5	1393.9	1322.6	1244.4	1156.0	1052.4	932.5
65°	1545.8	1535.5	1518.0	1487.6	1441.9	1385.7	1314.0	1234.7	1145.0	1045.2	933.8
67.5°	1411.6	1406.9	1390.9	1362.8	1334.1	1283.5	1220.5	1149.6	1076.3	977.4	886.0
70°	1198.6	1195.2	1174.8	1163.6	1116.1	1084.1	1033.1	977.4	912.6	843.6	765.9
72.5°	888.6	876.9	860.5	843.4	811.3	767.4	727.6	668.2	634.7	576.7	532.7
75°	471.2	463.8	438.3	402.7	363.0	342.4	301.1	264.2	234.9	221.7	189.9
77.5°	162.9	148.5	134.1	118.1	93.8	73.9	59.0	47.1	37.1	32.8	27.4
80°	81.2	77.1	72.6	63.5	53.4	43.0	33.7	26.6	21.9	18.6	16.7
82.5°	65.9	58.3	52.1	45.6	36.5	30.0	23.7	19.4	16.0	14.0	12.3
85°	38.9	29.8	22.7	20.6	16.0	13.9	11.9	10.1	8.7	8.2	7.5
87.5°	1.5	2.0	2.0	1.5	2.0	1.8	1.8	1.5	1.5	1.5	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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
2.5°	24.0	23.7	23.7	23.5	23.3	23.3	23.3	23.2	22.7	21.9	21.2
5°	24.8	24.7	24.4	24.0	23.7	23.5	23.3	23.3	22.2	20.7	19.6
7.5°	26.0	25.5	25.0	24.7	24.4	24.0	23.5	23.3	21.9	19.9	18.8
10°	27.0	26.3	25.7	25.5	24.8	24.4	23.7	23.3	21.6	19.3	17.7
12.5°	28.3	27.4	26.6	26.0	25.0	24.7	24.0	23.3	21.2	18.6	16.8
15°	29.8	28.6	27.4	26.8	26.0	24.8	24.0	23.3	20.7	18.0	16.0
17.5°	31.7	30.2	28.9	27.6	26.3	25.3	24.4	23.5	20.1	17.0	14.9
20°	34.8	32.8	30.7	29.2	27.4	26.1	24.7	23.5	19.6	16.2	14.0
22.5°	38.9	35.9	33.5	30.9	28.7	27.0	25.3	24.0	19.0	15.3	12.9
25°	44.7	40.8	36.9	33.7	30.9	28.6	26.3	24.7	18.6	14.7	12.3
27.5°	51.2	46.7	41.5	37.6	33.7	30.2	27.9	25.7	18.6	14.2	11.6
30°	60.3	53.8	47.5	42.6	37.4	33.5	30.0	27.3	18.6	14.0	11.0
32.5°	71.3	63.9	56.0	48.8	42.8	37.1	32.8	29.2	19.0	13.6	10.6
35°	86.6	75.8	66.3	57.5	49.5	43.0	37.4	32.4	19.6	13.4	10.0
37.5°	98.7	85.8	73.7	63.5	54.2	46.2	39.1	33.7	19.0	12.6	9.3
40°	113.2	98.5	83.8	71.1	60.5	50.1	42.0	35.4	18.6	11.4	8.5
42.5°	130.7	112.4	95.3	80.8	67.6	55.3	45.6	37.6	18.6	10.8	7.8
45°	147.2	127.1	108.0	89.9	74.5	60.9	49.0	40.0	18.3	10.1	6.9
47.5°	167.4	143.6	121.4	100.5	82.7	66.1	52.7	42.1	18.1	9.5	6.2
50°	191.4	162.4	137.4	112.4	90.7	72.4	57.0	44.5	17.7	8.8	5.6
52.5°	218.0	186.9	154.9	126.0	100.7	79.1	61.1	46.7	17.0	8.2	4.9
55°	265.1	222.3	184.5	148.7	115.8	89.0	67.2	49.9	16.5	7.5	4.3
57.5°	378.0	307.3	253.7	199.6	152.6	114.3	83.6	59.2	15.5	6.7	3.4
60°	593.7	476.8	385.9	302.7	230.7	175.4	123.2	87.5	16.7	5.6	3.1
62.5°	761.6	627.2	511.4	407.0	316.1	240.3	179.3	130.7	24.0	4.9	2.4
64°	805.4	669.3	545.8	436.4	341.8	263.5	200.1	147.8	30.9	4.9	2.1
65°	811.9	682.2	558.0	447.2	350.6	269.9	206.1	153.4	33.7	5.2	2.0
67.5°	785.1	674.7	561.7	451.7	357.3	278.5	214.3	162.2	38.0	4.9	1.5
70°	685.7	604.5	511.6	422.6	337.0	264.7	206.1	157.3	39.7	4.7	1.3
72.5°	466.6	410.7	355.8	292.7	234.6	193.4	150.3	110.8	27.9	3.9	1.1
75°	155.5	151.6	135.6	102.8	86.4	70.2	56.2	43.2	10.6	2.4	1.1
77.5°	26.0	22.2	19.4	18.6	15.5	15.2	13.2	10.6	4.6	1.5	1.1
80°	15.2	13.9	12.1	10.8	9.5	8.5	7.2	6.0	2.8	1.1	1.3
82.5°	11.3	10.0	8.8	7.8	6.7	5.9	4.9	4.1	1.5	1.1	1.3
85°	6.5	5.6	4.9	4.3	3.4	3.1	2.6	2.1	1.1	1.1	1.1
87.5°	1.3	1.3	1.1	1.1	1.1	1.1	1.1	0.8	1.1	1.1	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):

	125°	135°	145°	155°	165°	175°	180°
0°	23.2	23.2	23.2	23.2	23.2	23.2	23.2
2.5°	20.7	20.1	19.9	19.9	19.9	19.9	19.9
5°	19.0	18.3	18.0	17.7	17.7	17.7	17.7
7.5°	17.7	16.8	16.5	16.0	16.0	15.8	15.8
10°	16.5	15.5	14.9	14.5	14.2	14.2	14.2
12.5°	15.3	14.5	13.6	13.2	13.2	12.9	12.9
15°	14.5	13.2	12.6	12.1	12.1	11.9	11.9
17.5°	13.4	12.3	11.6	11.3	11.0	11.0	11.0
20°	12.3	11.3	10.6	10.3	10.1	10.1	10.0
22.5°	11.4	10.3	9.8	9.5	9.3	9.3	9.1
25°	10.6	9.5	8.8	8.7	8.5	8.2	8.2
27.5°	10.0	8.8	8.2	7.8	7.5	7.3	7.3
30°	9.3	8.0	7.3	6.9	6.7	6.5	6.5
32.5°	8.7	7.3	6.5	6.0	5.9	5.6	5.6
35°	7.8	6.5	5.6	5.4	5.2	4.9	4.7
37.5°	7.2	5.6	4.9	4.6	4.3	4.1	4.1
40°	6.2	4.9	4.3	3.9	3.4	3.3	3.3
42.5°	5.6	4.3	3.6	3.1	2.8	2.6	2.6
45°	4.9	3.9	3.1	2.4	2.1	2.0	2.0
47.5°	4.3	3.3	2.4	2.0	1.8	1.5	1.5
50°	3.6	2.6	1.8	1.3	1.5	1.3	1.3
52.5°	3.3	2.0	1.3	1.3	1.3	1.3	1.3
55°	2.6	1.5	1.1	1.1	1.3	1.3	1.3
57.5°	2.1	1.1	0.8	1.1	1.1	1.1	1.1
60°	1.5	0.8	0.8	1.1	1.1	1.1	1.1
62.5°	1.3	0.8	0.8	0.8	1.1	1.1	1.1
64°	1.1	0.8	0.8	0.8	1.1	1.1	1.1
65°	1.1	0.8	0.8	0.8	1.1	1.1	1.1
67.5°	1.1	0.8	0.8	0.8	1.1	1.1	1.1
70°	0.8	0.8	0.8	0.8	1.1	1.1	1.1
72.5°	0.8	0.8	0.8	0.8	1.1	1.1	1.1
75°	0.8	0.8	0.8	0.8	1.1	1.1	1.1
77.5°	0.8	0.8	0.8	1.1	1.1	1.1	1.1
80°	0.8	0.8	0.8	1.1	1.1	1.1	1.1
82.5°	0.8	0.8	0.8	1.1	1.1	1.1	1.1
85°	0.8	0.8	0.8	1.1	1.1	1.1	1.1
87.5°	0.8	0.8	0.8	1.1	1.1	1.1	1.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)