

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: P181323

Luminaire Tested: **ICM-F01-LED-E1-T3-HSS-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181323
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33724)
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-T3-HSS-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ HOUSE SIDE SHIELD
Light Source: (7) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1143.5 lumens
Efficiency: N/A
Efficacy: 44.2 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

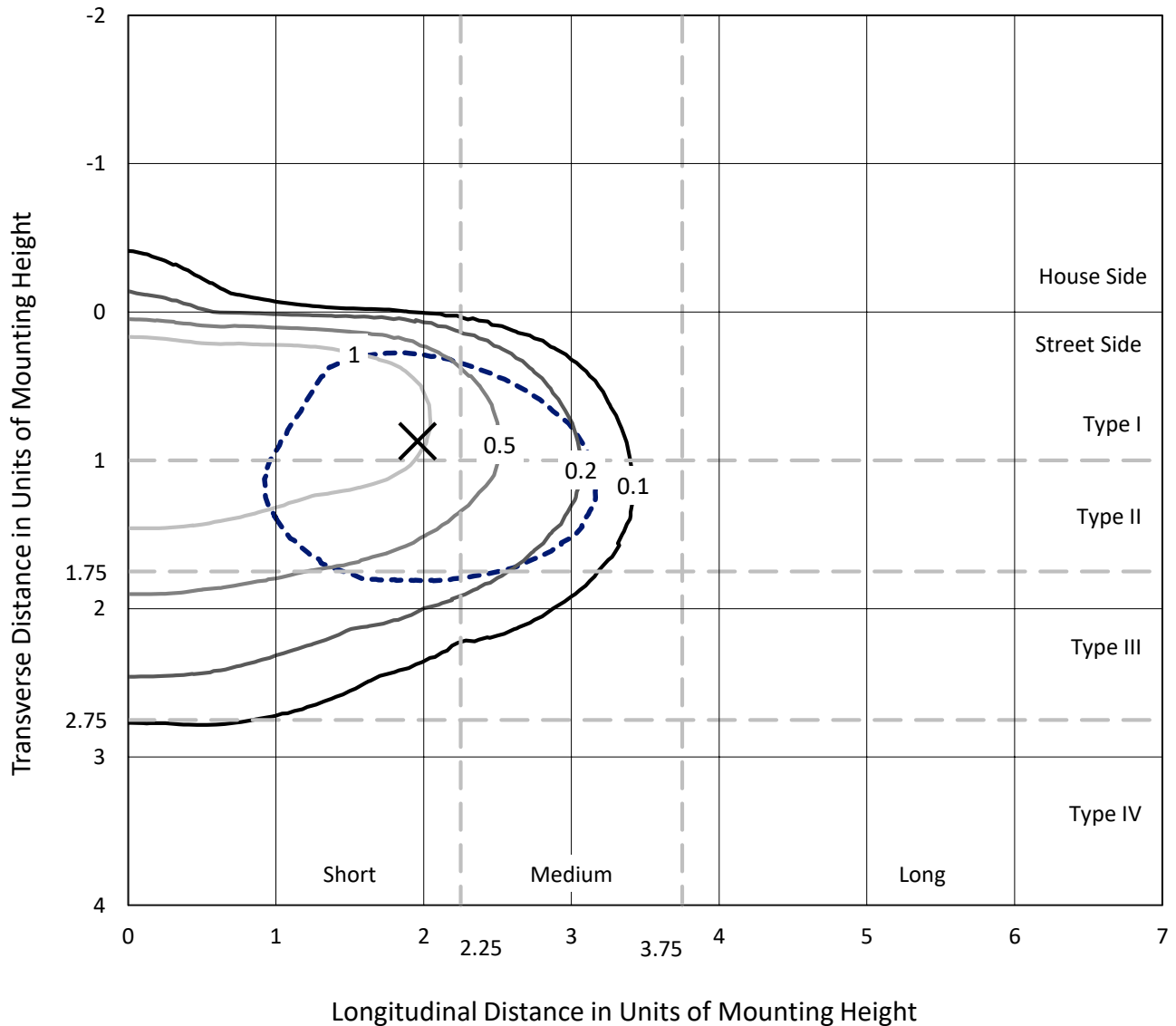
Input Watts (W): 25.9
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

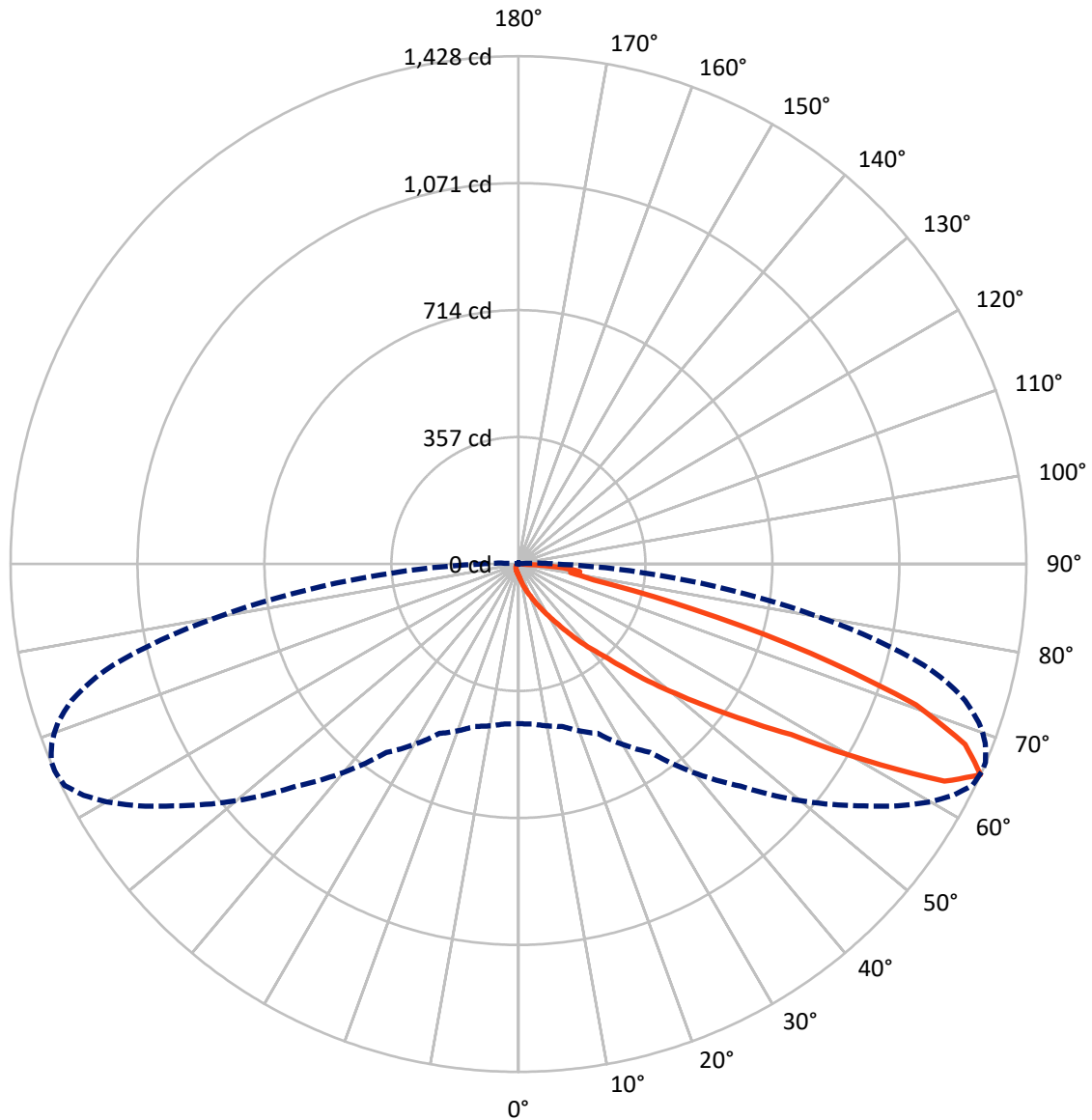
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 1.7 fc
 Type III - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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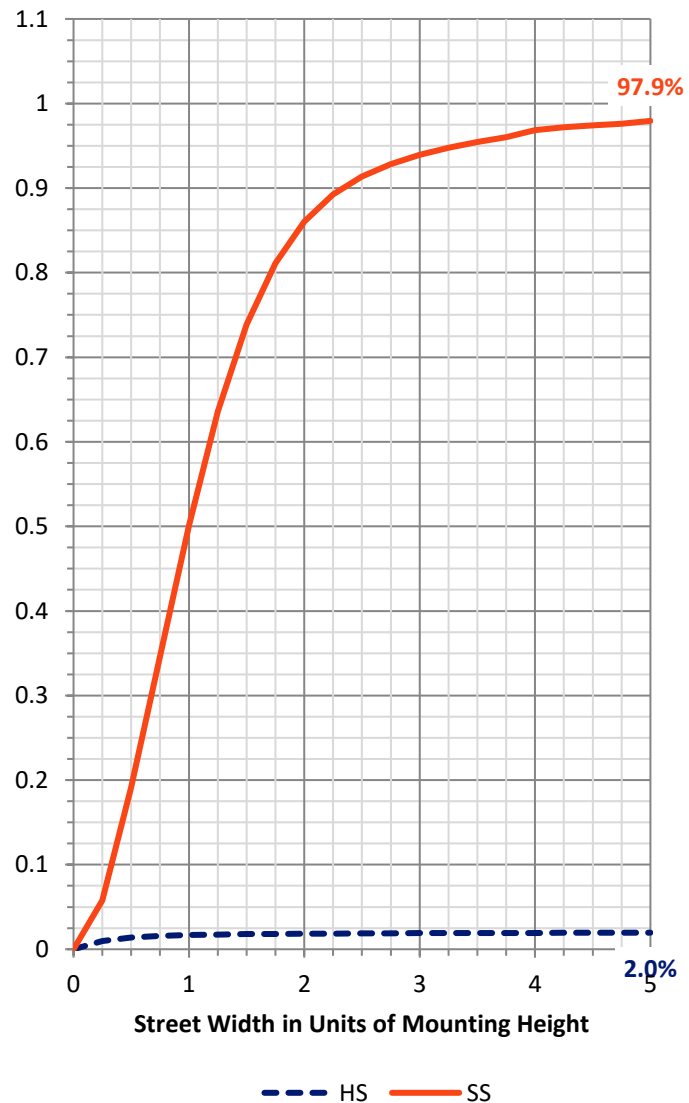
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	23.0	0.0	23.0
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	1120.5	0.0	1120.5
	% Fixture	98.0	0.0	98.0
Total	Lumens	1143.5	0.0	1143.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.9	0.3
10°-20°	18.6	1.6
20°-30°	42.5	3.7
30°-40°	80.8	7.1
40°-50°	162.2	14.2
50°-60°	287.0	25.1
60°-70°	375.0	32.8
70°-80°	154.2	13.5
80°-90°	19.4	1.7
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°	1143.5	100.0
0°-180°	1143.5	100.0



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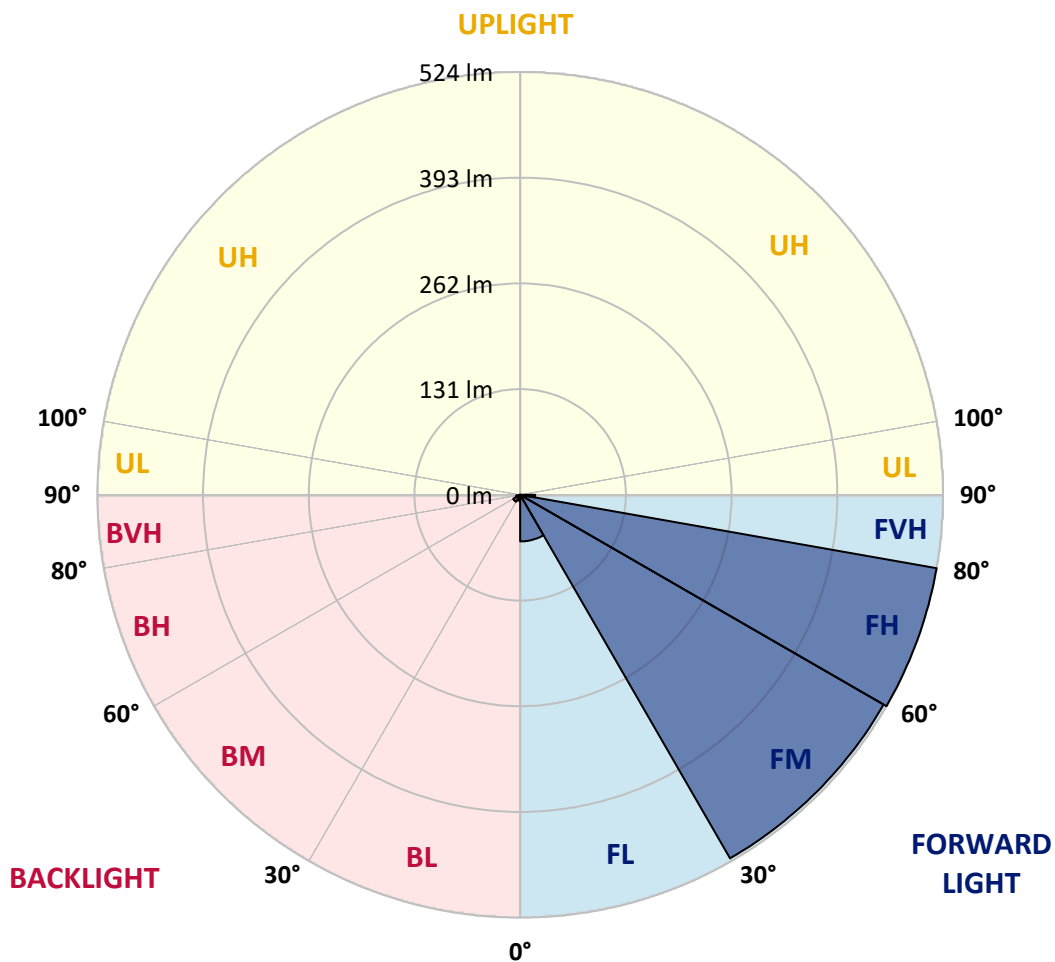
CATALOG NUMBER: ICM-F01-LED-E1-T3-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	57.8	5.1			
FM	(30°-60°)	520.1	45.5			
FH	(60°-80°)	524.1	45.8			G0/660
FVH	(80°-90°)	18.6	1.6			G1/100
BL	(0°-30°)	7.2	0.6	B0/110		
BM	(30°-60°)	9.8	0.9	B0/220		
BH	(60°-80°)	5.1	0.4	B0/110		G0/110
BVH	(80°-90°)	0.9	0.1			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 Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
2.5°	42.0	41.4	41.6	40.2	39.3	38.1	37.2	36.9	36.7	36.3	36.5
5°	60.6	59.8	58.2	55.4	52.8	48.8	44.9	44.7	44.0	43.3	42.8
7.5°	84.2	83.0	81.1	76.5	70.1	63.2	55.2	54.5	53.6	52.6	51.6
10°	111.5	110.8	107.3	102.0	92.4	80.9	67.5	66.9	64.7	63.6	62.7
12.5°	140.3	137.2	135.8	126.5	115.5	99.8	82.8	80.2	78.5	76.9	74.6
15°	162.0	162.5	159.3	151.7	138.9	120.7	99.3	96.6	94.2	91.2	88.4
17.5°	181.7	180.7	177.2	172.6	160.4	142.0	117.1	113.4	109.7	108.0	104.0
20°	197.6	197.1	194.3	189.9	180.5	162.7	135.8	132.8	128.6	125.8	121.3
22.5°	210.1	210.1	208.6	206.0	196.8	182.6	155.7	152.5	148.2	144.7	139.8
25°	220.3	220.0	220.3	219.1	213.0	199.9	176.1	172.3	168.8	164.6	159.9
27.5°	231.7	232.2	231.7	231.0	228.5	217.9	196.7	194.0	190.0	185.7	180.9
30°	249.5	248.1	247.8	247.4	244.3	237.8	217.9	214.9	211.8	208.7	205.5
32.5°	268.2	265.9	265.1	265.1	263.0	257.2	242.4	240.8	236.4	234.0	231.3
35°	289.4	288.5	287.5	287.8	286.9	280.7	268.7	269.1	267.7	263.0	260.2
37.5°	320.6	320.7	319.2	316.1	316.1	310.7	303.7	302.8	299.3	298.0	296.5
40°	364.9	363.8	362.4	358.0	356.3	347.2	340.7	338.3	335.5	335.3	333.4
42.5°	416.4	415.0	415.0	411.7	408.5	397.5	385.0	383.4	380.4	381.3	380.7
45°	464.1	465.2	466.9	469.2	469.7	465.0	447.0	444.9	443.3	442.3	441.7
47.5°	505.2	507.4	512.7	522.8	535.6	537.3	523.0	517.4	516.2	514.6	513.2
50°	534.7	537.8	549.9	569.5	594.5	610.0	602.2	597.6	597.4	592.9	592.5
52.5°	551.5	554.8	574.7	604.4	643.2	673.3	682.9	682.7	682.2	678.2	676.7
55°	555.3	558.8	582.6	623.1	678.5	730.6	767.4	768.3	770.3	769.2	769.2
57.5°	545.0	549.4	575.4	625.4	696.9	776.0	856.2	861.6	864.1	873.2	883.7
60°	526.0	529.3	555.3	611.2	700.2	817.4	971.6	988.8	1002.1	1020.1	1037.1
62.5°	491.0	497.5	522.3	583.1	690.4	865.0	1109.6	1141.1	1167.1	1194.5	1227.4
65°	448.5	451.3	472.3	525.3	646.4	883.3	1185.9	1216.7	1249.9	1279.1	1308.6
67.5°	395.1	397.5	415.7	438.3	533.5	798.0	1110.8	1144.9	1174.8	1198.9	1237.5
70°	258.8	264.0	308.7	331.1	372.9	589.9	908.3	941.3	964.2	980.6	1025.2
72.5°	189.6	192.8	210.9	257.2	267.4	348.6	639.2	675.0	683.4	714.2	735.1
75°	115.7	123.9	164.6	220.3	260.7	238.7	383.0	400.3	419.6	442.1	462.0
77.5°	23.3	26.7	53.8	151.7	229.4	255.1	228.7	231.9	241.5	243.6	251.1
80°	3.7	4.0	7.0	65.5	132.8	206.2	228.7	225.6	220.3	216.5	212.7
82.5°	1.7	1.9	3.1	16.6	28.3	68.7	197.8	213.2	231.0	240.8	243.4
85°	0.7	0.7	1.2	3.3	4.2	4.7	33.4	44.2	78.8	104.7	120.7
87.5°	0.5	0.5	0.7	0.7	0.9	1.2	1.7	1.7	1.9	2.1	3.1
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°	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
2.5°	36.5	36.3	36.3	35.5	35.5	35.3	35.3	35.1	35.1	34.6	34.8
5°	42.5	42.0	41.6	40.9	40.7	40.2	39.7	39.1	38.8	38.3	38.1
7.5°	50.7	50.2	49.3	47.9	47.0	46.0	45.1	44.2	43.4	42.8	42.3
10°	60.7	59.3	58.9	56.1	55.0	53.1	51.9	51.0	49.6	48.4	47.7
12.5°	72.9	71.8	69.4	65.7	63.8	62.2	60.1	58.2	56.8	54.7	53.3
15°	85.6	84.7	81.4	77.1	74.8	71.8	69.7	67.8	64.7	63.3	60.7
17.5°	101.5	98.7	95.3	89.3	86.2	83.7	80.0	77.1	75.3	71.1	68.7
20°	117.9	114.8	110.6	103.8	99.6	95.6	92.6	88.8	84.8	82.0	78.0
22.5°	136.6	131.6	128.4	119.9	115.1	110.8	105.7	101.7	97.8	93.3	88.8
25°	156.4	151.5	147.5	138.0	132.8	128.6	122.5	116.9	112.0	107.1	102.0
27.5°	177.2	172.7	168.4	158.5	154.0	148.2	142.6	136.1	129.8	125.3	118.3
30°	201.3	197.6	192.7	182.1	177.2	171.2	165.3	157.6	151.5	145.4	138.6
32.5°	227.3	224.2	219.1	209.7	203.9	198.7	192.4	184.9	176.3	170.0	162.0
35°	258.8	253.7	250.6	241.8	237.3	231.7	225.1	218.6	209.5	200.6	193.9
37.5°	294.8	292.5	288.5	280.1	276.8	271.0	266.8	260.2	253.2	242.0	234.7
40°	331.7	330.1	326.6	318.2	314.9	311.0	306.0	299.7	291.4	285.5	274.7
42.5°	378.8	376.2	373.4	365.4	359.1	354.2	352.1	346.7	337.9	330.3	322.0
45°	438.3	437.2	433.5	425.5	419.2	415.9	412.7	403.5	397.7	390.2	384.4
47.5°	510.4	506.6	504.7	495.9	493.8	491.2	482.8	477.7	469.2	463.4	456.1
50°	588.2	584.3	584.5	573.8	574.2	572.4	566.0	559.9	552.7	547.5	543.1
52.5°	671.9	673.8	669.1	672.4	668.7	664.5	663.3	655.8	649.5	649.2	643.2
55°	774.8	771.7	772.9	776.2	771.1	775.7	773.4	763.8	764.1	766.0	758.9
57.5°	885.4	889.9	899.4	901.5	910.4	904.3	920.2	908.7	915.8	915.8	911.1
60°	1047.6	1065.4	1088.6	1106.6	1123.2	1117.8	1138.6	1125.5	1134.9	1126.9	1122.9
62.5°	1243.1	1266.7	1294.1	1323.3	1340.1	1344.4	1341.3	1347.2	1338.1	1332.2	1316.9
65°	1337.1	1360.5	1384.3	1419.4	1424.1	1427.5	1426.1	1416.4	1405.1	1388.6	1368.7
67.5°	1259.0	1291.7	1305.0	1345.5	1359.1	1354.1	1355.8	1343.2	1325.6	1309.3	1280.0
70°	1043.9	1081.3	1088.3	1146.3	1162.4	1185.9	1177.4	1173.7	1154.5	1140.7	1108.5
72.5°	760.1	789.3	787.0	852.2	849.4	859.0	881.7	880.7	860.6	856.2	829.0
75°	467.8	485.4	484.5	530.7	511.4	508.5	514.8	512.0	493.1	473.4	456.6
77.5°	247.8	255.8	247.4	233.6	232.2	216.5	212.1	211.8	197.3	179.5	166.4
80°	208.7	200.6	190.8	170.7	159.0	148.5	138.6	129.5	119.7	106.6	90.7
82.5°	243.8	239.9	232.8	207.6	195.4	174.4	158.8	144.0	126.0	112.5	92.1
85°	118.8	118.5	124.2	121.6	117.1	116.2	100.7	97.5	90.2	82.8	69.2
87.5°	3.3	2.3	2.8	2.3	2.8	3.1	2.1	4.9	3.1	2.8	3.3
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
2.5°	34.6	34.3	34.1	34.1	33.9	33.9	33.7	33.4	33.4	33.2	33.2
5°	37.7	37.2	36.9	36.7	36.3	36.0	35.5	35.3	34.8	34.6	34.1
7.5°	41.4	40.9	40.0	39.5	38.8	38.6	37.4	36.9	36.5	36.0	35.3
10°	46.0	44.9	44.0	43.0	41.9	40.9	40.0	39.3	38.3	37.2	36.7
12.5°	51.9	50.2	48.8	47.3	45.9	44.5	42.8	41.6	40.2	39.1	37.9
15°	58.4	56.1	54.2	51.9	49.6	47.9	46.3	44.7	42.8	41.1	39.7
17.5°	66.0	62.9	60.3	57.5	55.0	52.6	49.8	47.7	45.6	43.3	41.4
20°	73.9	70.9	67.3	64.3	60.6	58.0	54.5	51.6	48.7	46.3	43.7
22.5°	84.4	80.5	76.0	71.8	67.8	63.8	60.1	56.6	52.8	49.3	46.8
25°	96.8	91.9	86.2	82.0	76.5	72.0	67.3	62.9	58.9	54.5	50.2
27.5°	112.2	105.7	99.6	93.8	87.6	82.0	76.0	70.9	65.5	60.3	55.6
30°	130.2	123.9	114.8	108.3	102.1	94.4	88.4	81.6	75.5	68.0	62.9
32.5°	154.0	145.9	136.3	127.6	119.7	111.1	102.6	94.0	86.0	79.3	71.5
35°	185.2	175.5	164.1	153.1	144.3	133.8	123.0	113.1	104.0	94.2	84.7
37.5°	224.5	215.5	203.2	189.9	178.0	165.3	154.0	140.3	128.1	116.2	104.0
40°	263.5	255.4	242.4	228.2	212.7	198.2	184.0	168.4	152.9	138.0	125.3
42.5°	311.6	299.5	285.7	269.6	254.6	237.3	219.5	201.5	183.1	165.0	147.1
45°	372.2	362.9	343.4	326.1	308.4	288.0	266.0	245.5	221.9	200.6	176.7
47.5°	445.9	429.0	414.8	398.9	376.7	357.0	328.9	304.7	275.2	246.9	218.3
50°	532.8	523.4	504.6	484.7	460.6	437.2	409.9	374.8	339.4	309.3	270.2
52.5°	634.5	621.2	609.3	588.7	564.2	534.2	503.2	465.0	421.8	379.3	337.6
55°	755.2	745.8	734.3	718.0	686.7	652.7	615.4	569.8	518.6	461.3	412.9
57.5°	910.9	901.0	890.1	856.4	835.2	793.5	739.3	692.0	636.8	563.4	503.4
60°	1123.4	1110.1	1094.6	1067.3	1022.9	968.8	910.6	840.7	773.2	692.9	614.1
62.5°	1305.0	1283.8	1250.8	1215.5	1162.2	1100.3	1027.1	944.7	867.8	777.6	690.0
65°	1342.4	1313.2	1274.4	1228.4	1173.4	1103.5	1027.1	948.3	857.8	772.9	684.7
67.5°	1245.2	1211.3	1171.5	1120.1	1067.7	995.7	929.8	849.6	764.6	691.1	612.3
70°	1085.3	1035.0	994.3	939.6	886.5	830.0	760.6	700.5	631.3	563.7	503.4
72.5°	815.0	765.5	728.5	684.7	653.2	593.4	542.4	497.5	456.6	406.1	361.5
75°	439.4	402.1	377.3	357.5	329.2	289.7	265.4	234.5	217.2	196.2	175.8
77.5°	143.3	126.2	107.8	89.8	77.1	58.0	56.1	44.7	42.0	40.9	31.5
80°	73.4	56.6	40.9	29.5	22.4	19.9	19.0	18.0	17.0	16.4	15.2
82.5°	73.7	53.3	36.7	25.5	18.5	15.4	14.5	14.0	13.3	12.7	11.7
85°	53.8	39.7	27.3	18.7	12.8	10.3	9.9	9.1	8.7	8.4	7.4
87.5°	3.5	2.6	2.3	2.1	2.1	2.1	2.3	2.1	2.3	2.3	2.1
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°	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
2.5°	32.9	32.7	32.7	32.5	32.3	32.3	32.0	32.0	31.3	30.1	29.2
5°	33.9	33.4	33.2	32.9	32.7	32.3	32.0	31.8	30.6	28.3	26.4
7.5°	34.6	34.1	33.9	33.4	32.7	32.5	32.0	31.5	29.7	26.4	24.3
10°	35.8	35.1	34.3	33.7	32.9	32.5	31.8	31.3	28.6	24.7	22.7
12.5°	36.9	36.0	35.1	33.9	33.2	32.5	31.8	30.9	27.6	23.3	21.0
15°	38.3	36.9	35.8	34.6	33.4	32.5	31.3	30.6	26.7	22.2	20.1
17.5°	39.7	38.1	36.5	34.8	33.7	32.3	31.3	30.1	25.7	21.3	19.0
20°	41.4	39.1	37.4	35.5	33.9	32.3	30.9	29.7	24.7	20.1	17.8
22.5°	43.7	40.9	38.3	36.3	34.1	32.5	30.9	29.2	23.8	19.2	16.8
25°	46.8	43.3	40.2	37.7	35.1	32.9	31.1	29.5	23.2	18.5	15.6
27.5°	51.2	46.8	43.4	40.0	36.7	34.1	31.8	30.0	22.7	17.8	15.0
30°	56.6	52.1	47.0	42.8	39.3	35.8	33.2	30.4	22.2	17.0	14.0
32.5°	64.6	58.2	52.1	47.0	42.0	38.1	34.3	31.5	22.0	15.9	13.1
35°	76.0	67.3	60.1	53.3	46.5	41.6	37.2	33.4	21.8	15.0	12.2
37.5°	92.4	82.0	72.7	63.2	54.7	47.7	41.6	36.7	21.8	14.2	11.3
40°	109.9	96.6	84.7	72.7	62.0	53.1	44.9	38.8	21.3	13.3	10.3
42.5°	129.8	113.4	97.0	82.3	68.9	57.5	47.9	40.5	20.1	12.4	9.4
45°	156.4	134.9	115.3	96.3	79.0	64.1	51.9	42.3	19.0	11.7	8.4
47.5°	189.9	164.8	139.3	115.5	92.8	73.9	57.8	45.4	18.2	10.8	7.7
50°	239.6	204.1	170.4	140.0	111.3	86.5	66.4	49.8	17.5	10.0	7.0
52.5°	294.3	250.6	211.2	172.1	136.3	103.5	76.5	55.6	16.8	9.4	6.3
55°	361.0	307.2	259.1	208.3	162.5	123.4	88.8	62.2	15.9	8.7	5.9
57.5°	443.3	375.3	318.2	256.3	198.7	149.1	105.5	73.2	15.0	7.7	5.1
60°	535.2	458.2	386.5	313.8	244.1	183.3	130.0	88.8	14.0	6.8	4.5
62.5°	601.3	516.9	434.9	353.3	276.8	208.7	149.9	101.0	12.7	5.9	4.0
65°	600.7	515.1	432.6	352.1	277.8	209.7	150.6	103.3	11.3	5.1	3.5
67.5°	535.2	463.2	389.5	317.3	252.3	190.8	139.3	95.8	9.6	4.7	3.1
70°	440.3	383.0	324.7	267.4	215.4	163.4	120.4	83.4	8.2	4.2	2.6
72.5°	321.5	279.6	244.1	203.6	168.1	129.0	96.1	65.5	6.5	3.5	2.3
75°	159.7	142.9	122.5	109.9	93.8	76.7	59.6	38.1	5.4	2.8	2.1
77.5°	30.4	27.2	26.0	22.4	20.6	18.2	16.1	11.4	4.2	2.1	1.9
80°	14.0	12.8	11.7	10.5	9.4	7.9	7.0	6.0	3.3	1.7	2.1
82.5°	11.0	10.0	8.9	7.9	7.0	6.0	5.1	4.5	2.1	1.4	2.1
85°	7.3	6.3	5.6	4.9	4.2	3.7	3.3	2.8	1.4	1.4	1.4
87.5°	2.1	2.1	1.9	1.9	1.7	1.7	1.4	1.4	1.2	1.2	1.2
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°	31.8	31.8	31.8	31.8	31.8	31.8	31.8
2.5°	28.3	27.2	26.7	26.4	26.4	26.7	26.4
5°	25.0	23.8	23.3	22.9	22.9	22.9	23.2
7.5°	22.9	21.8	21.0	20.8	20.6	20.8	20.8
10°	21.0	20.1	19.2	18.7	18.7	18.7	18.7
12.5°	19.6	18.5	17.5	17.3	17.0	17.0	17.0
15°	18.5	17.0	16.4	15.9	15.6	15.6	15.9
17.5°	17.0	15.9	15.0	14.7	14.7	14.7	14.7
20°	16.1	14.7	14.0	13.6	13.6	13.6	13.6
22.5°	15.0	13.8	12.8	12.4	12.4	12.4	12.4
25°	14.0	12.8	11.9	11.4	11.4	11.4	11.4
27.5°	13.1	11.9	11.0	10.5	10.5	10.5	10.5
30°	12.2	11.0	10.0	9.6	9.6	9.6	9.6
32.5°	11.4	10.0	9.1	8.7	8.7	8.9	8.7
35°	10.3	9.1	8.2	7.7	7.7	7.7	7.7
37.5°	9.4	8.2	7.3	6.8	6.8	6.8	6.5
40°	8.7	7.3	6.3	5.9	5.6	5.6	5.6
42.5°	7.4	6.0	5.4	4.9	4.7	4.7	4.7
45°	6.8	5.4	4.5	4.0	4.0	4.0	4.0
47.5°	6.0	4.7	3.7	3.3	3.3	3.5	3.5
50°	5.4	4.0	3.1	3.1	3.1	3.3	3.3
52.5°	4.7	3.5	2.8	2.8	3.1	3.3	3.3
55°	4.2	3.1	2.6	2.8	3.1	3.3	3.3
57.5°	3.7	2.6	2.6	2.8	3.1	3.3	3.3
60°	3.3	2.3	2.3	2.6	3.1	3.3	3.3
62.5°	2.8	2.3	2.3	2.6	3.1	3.3	3.3
65°	2.6	2.3	2.3	2.6	3.1	3.3	3.3
67.5°	2.3	2.1	2.3	2.6	2.8	3.1	3.1
70°	2.1	2.1	2.3	2.6	2.8	3.1	3.1
72.5°	2.1	2.1	2.1	2.3	2.6	2.8	2.8
75°	2.1	2.1	2.1	2.3	2.6	2.8	2.8
77.5°	2.1	1.9	1.9	2.1	2.6	2.8	2.8
80°	2.1	1.9	1.9	2.1	2.3	2.8	2.8
82.5°	1.7	1.7	1.9	2.1	2.3	2.6	2.6
85°	1.4	1.7	1.7	1.9	2.1	2.6	2.6
87.5°	1.2	1.2	1.4	1.7	1.9	2.1	2.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)