

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: P181384

Luminaire Tested: **ICS-F01-LED-E1-T3-HSS**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181384
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: ICS-F01-LED-E1-T3-HSS
Description: ICON SITE SMALL LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ HOUSE SIDE SHIELD
Light Source: (7) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1211.3 lumens
Efficiency: N/A
Efficacy: 46.8 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 (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

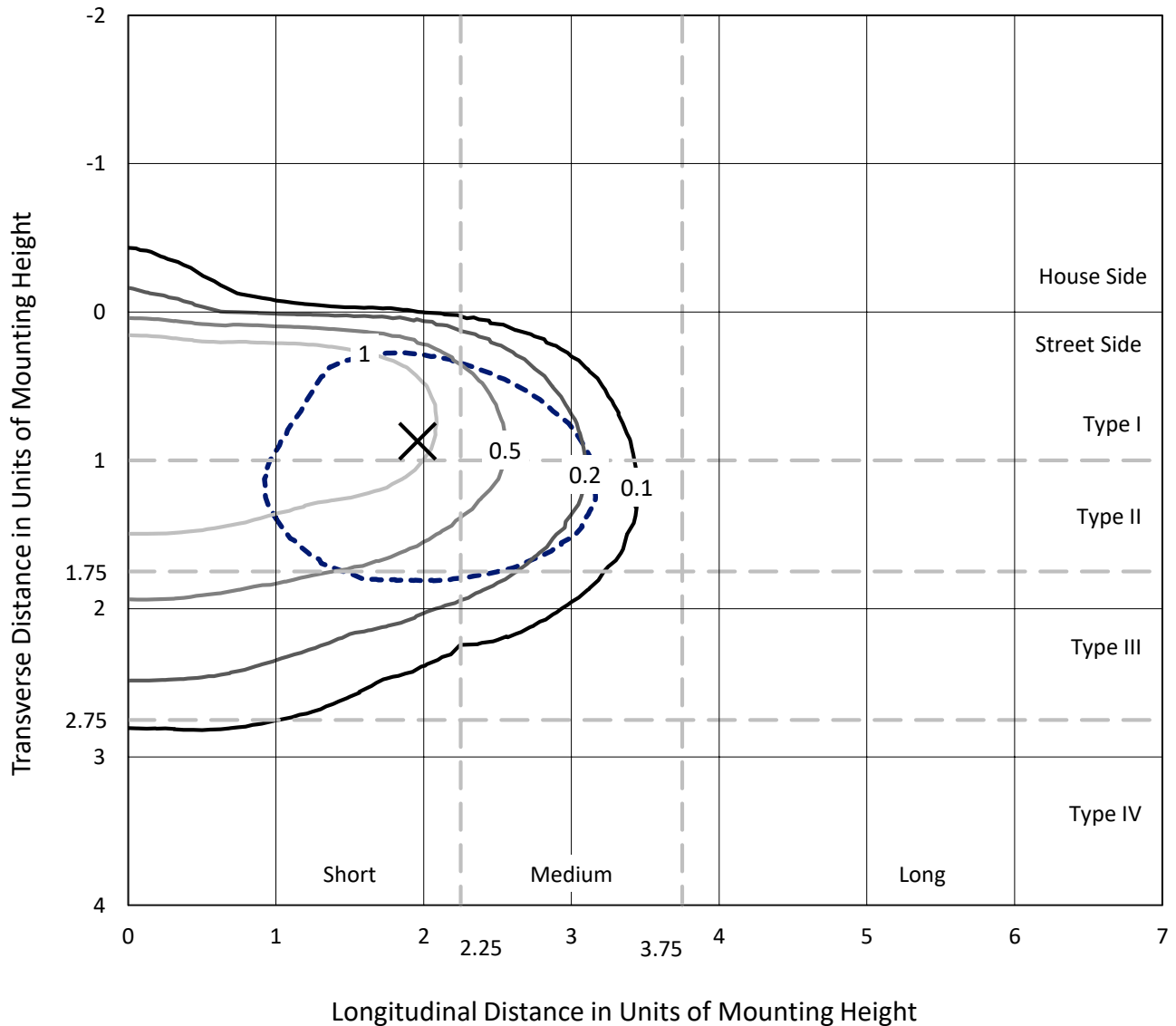


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

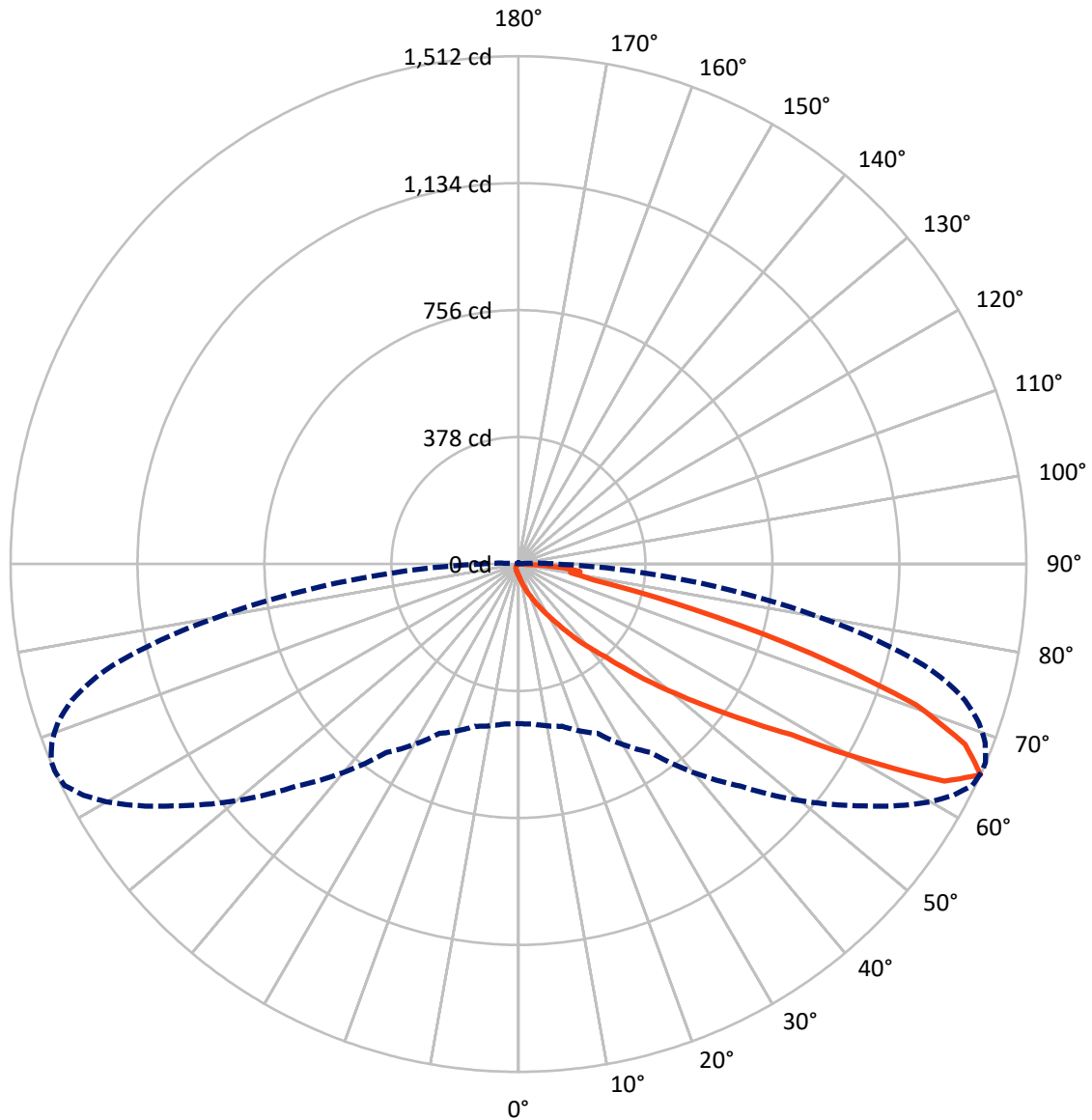


Based on 10 foot mounting height. Maximum calculated value = 1.8 fc
 Type III - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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

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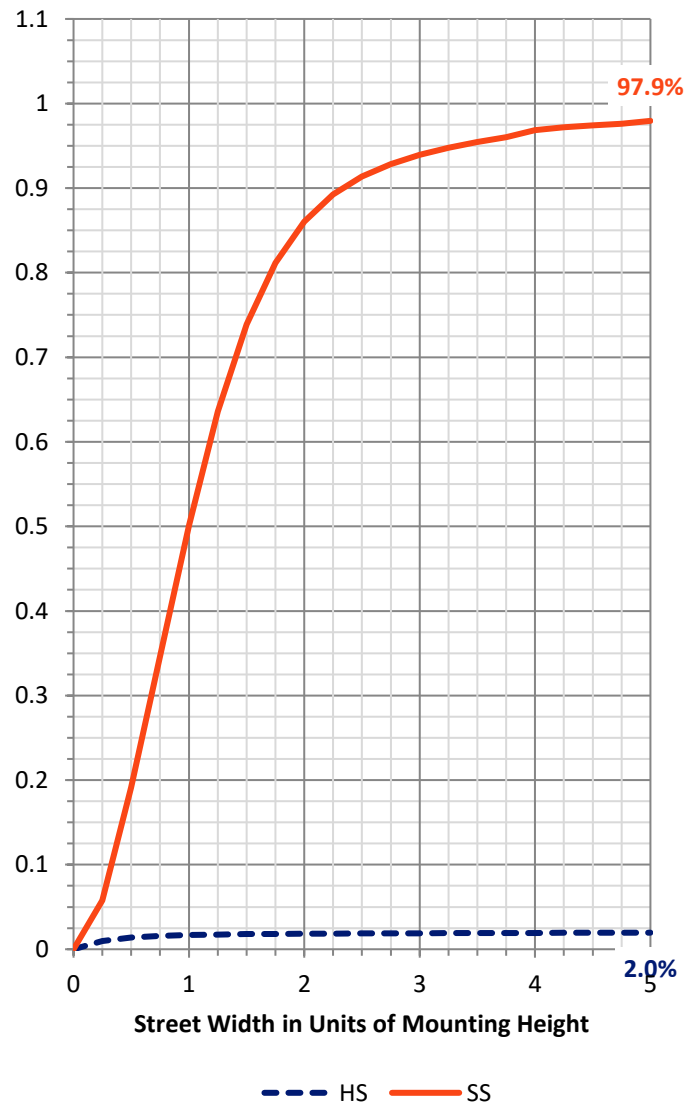
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	24.3	0.0	24.3
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	1187.0	0.0	1187.0
	% Fixture	98.0	0.0	98.0
Total	Lumens	1211.3	0.0	1211.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.1	0.3
10°-20°	19.7	1.6
20°-30°	45.0	3.7
30°-40°	85.6	7.1
40°-50°	171.8	14.2
50°-60°	304.0	25.1
60°-70°	397.2	32.8
70°-80°	163.3	13.5
80°-90°	20.6	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°	1211.3	100.0
0°-180°	1211.3	100.0



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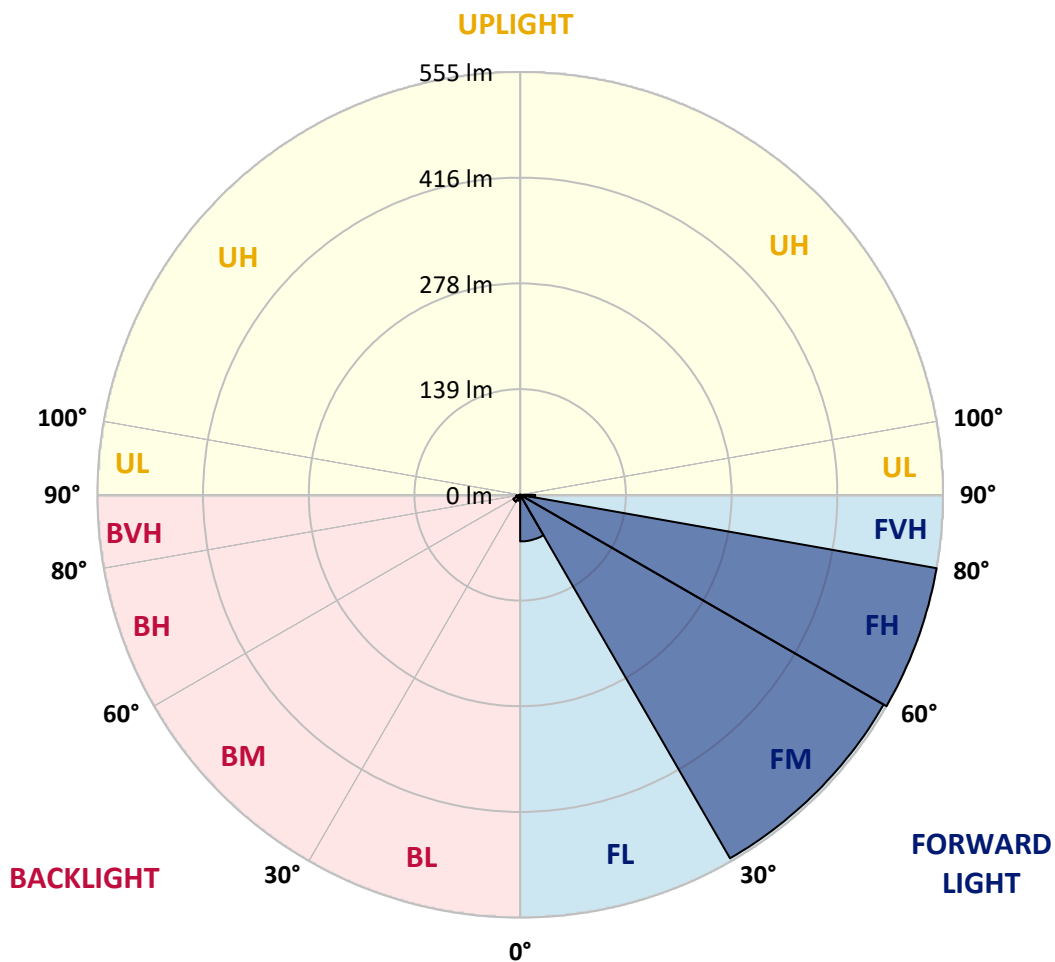
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	61.2	5.1			
FM	(30°-60°)	551.0	45.5			
FH	(60°-80°)	555.2	45.8			G0/660
FVH	(80°-90°)	19.7	1.6			G1/100
BL	(0°-30°)	7.6	0.6	B0/110		
BM	(30°-60°)	10.4	0.9	B0/220		
BH	(60°-80°)	5.4	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°	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
2.5°	44.6	43.8	44.1	42.6	41.6	40.4	39.4	39.1	38.9	38.4	38.6
5°	64.1	63.4	61.7	58.7	56.0	51.8	47.6	47.3	46.6	45.8	45.3
7.5°	89.2	87.9	85.9	81.0	74.3	66.9	58.5	57.7	56.7	55.7	54.7
10°	118.1	117.4	113.7	108.0	97.8	85.7	71.6	70.8	68.6	67.4	66.4
12.5°	148.6	145.4	143.9	134.0	122.3	105.8	87.7	85.0	83.2	81.5	79.0
15°	171.6	172.1	168.7	160.7	147.1	127.8	105.3	102.3	99.8	96.6	93.6
17.5°	192.4	191.4	187.7	182.8	169.9	150.3	124.1	120.1	116.2	114.4	110.2
20°	209.3	208.8	205.8	201.1	191.2	172.4	143.9	140.7	136.2	133.2	128.5
22.5°	222.7	222.7	220.9	218.2	208.5	193.4	164.9	161.5	157.0	153.3	148.1
25°	233.3	233.1	233.3	232.1	225.6	211.8	186.5	182.5	178.8	174.4	169.4
27.5°	245.4	245.9	245.4	244.7	242.0	230.8	208.3	205.6	201.4	196.7	191.7
30°	264.3	262.8	262.5	262.0	258.8	251.9	230.8	227.6	224.4	221.2	217.7
32.5°	284.1	281.6	280.9	280.9	278.6	272.4	256.8	255.1	250.4	247.9	244.9
35°	306.6	305.6	304.6	304.9	303.9	297.5	284.6	285.1	283.6	278.6	275.7
37.5°	339.6	339.8	338.1	334.9	334.9	329.2	321.7	320.7	317.0	315.8	314.0
40°	386.6	385.4	383.9	379.2	377.5	367.8	360.9	358.4	355.4	355.2	353.2
42.5°	441.1	439.6	439.6	436.1	432.7	421.0	407.9	406.2	403.0	404.0	403.2
45°	491.6	492.9	494.6	497.1	497.6	492.6	473.5	471.3	469.6	468.6	467.9
47.5°	535.2	537.4	543.1	553.8	567.4	569.1	554.0	548.1	546.9	545.1	543.6
50°	566.4	569.6	582.5	603.3	629.8	646.2	638.0	633.0	632.8	628.1	627.6
52.5°	584.3	587.7	608.8	640.2	681.3	713.3	723.4	723.2	722.7	718.5	716.8
55°	588.2	591.9	617.2	660.0	718.7	774.0	812.9	813.8	816.1	814.8	814.8
57.5°	577.3	582.0	609.5	662.5	738.3	822.0	907.0	912.7	915.4	925.1	936.2
60°	557.3	560.7	588.2	647.4	741.8	865.9	1029.3	1047.4	1061.5	1080.6	1098.7
62.5°	520.1	527.0	553.3	617.7	731.4	916.4	1175.4	1208.9	1236.4	1265.4	1300.3
65°	475.0	478.0	500.3	556.5	684.8	935.7	1256.2	1288.9	1324.0	1355.0	1386.2
67.5°	418.6	421.0	440.4	464.4	565.2	845.3	1176.7	1212.8	1244.5	1270.1	1310.9
70°	274.2	279.6	326.9	350.7	395.0	624.9	962.2	997.1	1021.4	1038.7	1086.0
72.5°	200.9	204.3	223.4	272.4	283.3	369.3	677.1	715.0	723.9	756.6	778.7
75°	122.6	131.3	174.4	233.3	276.2	252.9	405.7	424.0	444.6	468.3	489.4
77.5°	24.8	28.2	57.0	160.7	243.0	270.2	242.2	245.7	255.8	258.1	266.0
80°	4.0	4.2	7.4	69.3	140.7	218.4	242.2	239.0	233.3	229.3	225.4
82.5°	1.7	2.0	3.2	17.6	30.0	72.8	209.5	225.9	244.7	255.1	257.8
85°	0.7	0.7	1.2	3.5	4.5	5.0	35.4	46.8	83.5	111.0	127.8
87.5°	0.5	0.5	0.7	0.7	1.0	1.2	1.7	1.7	2.0	2.2	3.2
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
2.5°	38.6	38.4	38.4	37.6	37.6	37.4	37.4	37.2	37.2	36.7	36.9
5°	45.1	44.6	44.1	43.3	43.1	42.6	42.1	41.4	41.1	40.6	40.4
7.5°	53.7	53.2	52.3	50.8	49.8	48.8	47.8	46.8	46.1	45.3	44.8
10°	64.4	62.9	62.4	59.4	58.2	56.2	55.0	54.0	52.5	51.3	50.5
12.5°	77.3	76.0	73.6	69.6	67.6	65.9	63.7	61.7	60.2	58.0	56.5
15°	90.6	89.7	86.2	81.7	79.3	76.0	73.8	71.8	68.6	67.1	64.4
17.5°	107.5	104.5	101.0	94.6	91.4	88.7	84.7	81.7	79.8	75.3	72.8
20°	124.8	121.6	117.1	110.0	105.5	101.3	98.1	94.1	89.9	86.9	82.7
22.5°	144.6	139.4	136.0	127.1	121.9	117.4	111.9	107.7	103.5	98.8	94.1
25°	165.7	160.5	156.3	146.1	140.7	136.2	129.8	123.8	118.6	113.4	108.0
27.5°	187.7	183.0	178.3	167.9	163.2	157.0	151.1	144.1	137.5	132.8	125.3
30°	213.2	209.3	204.1	192.9	187.7	181.3	175.1	166.9	160.5	154.1	146.9
32.5°	240.7	237.5	232.1	222.2	216.0	210.5	203.8	195.9	186.7	180.1	171.6
35°	274.2	268.7	265.5	256.1	251.4	245.4	238.5	231.6	221.9	212.5	205.3
37.5°	312.3	309.8	305.6	296.7	293.2	287.1	282.6	275.7	268.2	256.3	248.7
40°	351.4	349.7	346.0	337.1	333.6	329.4	324.2	317.5	308.6	302.4	291.0
42.5°	401.2	398.5	395.5	387.1	380.4	375.2	373.0	367.3	357.9	350.0	341.0
45°	464.4	463.1	459.2	450.8	444.1	440.6	437.1	427.5	421.3	413.4	407.2
47.5°	540.7	536.7	534.7	525.3	523.1	520.4	511.4	506.0	497.1	490.9	483.2
50°	623.1	618.9	619.2	607.8	608.3	606.3	599.6	593.2	585.5	580.0	575.3
52.5°	711.8	713.8	708.8	712.3	708.3	703.9	702.6	694.7	688.0	687.8	681.3
55°	820.8	817.6	818.8	822.3	816.8	821.8	819.3	809.1	809.4	811.4	803.9
57.5°	937.9	942.6	952.8	955.0	964.4	958.0	974.8	962.7	970.1	970.1	965.2
60°	1109.8	1128.6	1153.2	1172.2	1189.8	1184.1	1206.2	1192.3	1202.2	1193.8	1189.6
62.5°	1316.9	1341.9	1370.9	1401.8	1419.6	1424.1	1420.9	1427.1	1417.4	1411.2	1395.1
65°	1416.4	1441.2	1466.5	1503.6	1508.6	1512.3	1510.8	1500.4	1488.5	1470.9	1449.9
67.5°	1333.7	1368.4	1382.5	1425.3	1439.7	1434.5	1436.2	1422.9	1404.3	1387.0	1356.0
70°	1105.9	1145.5	1152.9	1214.3	1231.4	1256.2	1247.3	1243.3	1223.0	1208.4	1174.2
72.5°	805.2	836.1	833.7	902.8	899.8	909.9	934.0	933.0	911.7	907.0	878.2
75°	495.6	514.2	513.2	562.2	541.7	538.7	545.4	542.4	522.3	501.5	483.7
77.5°	262.5	271.0	262.0	247.4	245.9	229.3	224.6	224.4	209.0	190.2	176.3
80°	221.2	212.5	202.1	180.8	168.4	157.3	146.9	137.2	126.8	112.9	96.1
82.5°	258.3	254.1	246.7	219.9	207.1	184.8	168.2	152.6	133.5	119.1	97.6
85°	125.8	125.6	131.5	128.8	124.1	123.1	106.7	103.3	95.6	87.7	73.3
87.5°	3.5	2.5	3.0	2.5	3.0	3.2	2.2	5.2	3.2	3.0	3.5
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°	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
2.5°	36.7	36.4	36.2	36.2	35.9	35.9	35.7	35.4	35.4	35.2	35.2
5°	39.9	39.4	39.1	38.9	38.4	38.1	37.6	37.4	36.9	36.7	36.2
7.5°	43.8	43.3	42.4	41.9	41.1	40.9	39.6	39.1	38.6	38.1	37.4
10°	48.8	47.6	46.6	45.6	44.3	43.3	42.4	41.6	40.6	39.4	38.9
12.5°	55.0	53.2	51.8	50.0	48.5	47.1	45.3	44.1	42.6	41.4	40.1
15°	61.9	59.4	57.5	55.0	52.5	50.8	49.0	47.3	45.3	43.6	42.1
17.5°	69.8	66.6	63.9	60.9	58.2	55.7	52.8	50.5	48.3	45.8	43.8
20°	78.3	75.0	71.3	68.1	64.1	61.4	57.7	54.7	51.5	49.0	46.3
22.5°	89.4	85.2	80.5	76.0	71.8	67.6	63.7	59.9	56.0	52.3	49.5
25°	102.5	97.3	91.4	86.9	81.0	76.3	71.3	66.6	62.4	57.7	53.2
27.5°	118.9	111.9	105.5	99.3	92.9	86.9	80.5	75.0	69.3	63.9	58.9
30°	138.0	131.3	121.6	114.7	108.2	100.1	93.6	86.4	80.0	72.1	66.6
32.5°	163.2	154.5	144.4	135.2	126.8	117.6	108.7	99.6	91.1	84.0	75.8
35°	196.2	186.0	173.9	162.2	152.8	141.7	130.3	119.9	110.2	99.8	89.7
37.5°	237.8	228.4	215.2	201.1	188.5	175.1	163.2	148.6	135.7	123.1	110.2
40°	279.1	270.5	256.8	241.7	225.4	210.0	194.9	178.3	162.0	146.1	132.8
42.5°	330.1	317.3	302.7	285.6	269.7	251.4	232.6	213.5	193.9	174.9	155.8
45°	394.3	384.4	363.8	345.5	326.7	305.1	281.8	260.1	235.0	212.5	187.2
47.5°	472.3	454.5	439.4	422.5	399.0	378.2	348.5	322.7	291.5	261.5	231.3
50°	564.4	554.5	534.5	513.4	487.9	463.1	434.2	397.0	359.6	327.7	286.3
52.5°	672.2	658.1	645.4	623.6	597.6	565.9	533.0	492.6	446.8	401.7	357.6
55°	800.0	790.1	777.9	760.6	727.4	691.5	651.9	603.6	549.3	488.7	437.4
57.5°	964.9	954.5	942.9	907.2	884.7	840.6	783.1	733.1	674.7	596.9	533.2
60°	1190.1	1175.9	1159.6	1130.6	1083.6	1026.3	964.7	890.6	819.0	734.1	650.6
62.5°	1382.5	1360.0	1325.0	1287.6	1231.2	1165.5	1088.0	1000.8	919.4	823.8	730.9
65°	1422.1	1391.2	1350.1	1301.3	1243.1	1169.0	1088.0	1004.6	908.7	818.8	725.4
67.5°	1319.1	1283.2	1241.1	1186.6	1131.1	1054.8	985.0	900.0	809.9	732.1	648.7
70°	1149.7	1096.4	1053.3	995.4	939.2	879.2	805.7	742.0	668.7	597.1	533.2
72.5°	863.4	810.9	771.7	725.4	692.0	628.6	574.6	527.0	483.7	430.2	382.9
75°	465.4	426.0	399.7	378.7	348.7	306.9	281.1	248.4	230.1	207.8	186.2
77.5°	151.8	133.7	114.2	95.1	81.7	61.4	59.4	47.3	44.6	43.3	33.4
80°	77.8	59.9	43.3	31.2	23.8	21.1	20.1	19.1	18.1	17.3	16.1
82.5°	78.0	56.5	38.9	27.0	19.6	16.3	15.4	14.9	14.1	13.4	12.4
85°	57.0	42.1	29.0	19.8	13.6	10.9	10.4	9.7	9.2	8.9	7.9
87.5°	3.7	2.7	2.5	2.2	2.2	2.2	2.5	2.2	2.5	2.5	2.2
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
2.5°	34.9	34.7	34.7	34.4	34.2	34.2	33.9	33.9	33.2	31.9	31.0
5°	35.9	35.4	35.2	34.9	34.7	34.2	33.9	33.7	32.4	30.0	28.0
7.5°	36.7	36.2	35.9	35.4	34.7	34.4	33.9	33.4	31.5	28.0	25.8
10°	37.9	37.2	36.4	35.7	34.9	34.4	33.7	33.2	30.2	26.3	24.0
12.5°	39.1	38.1	37.2	35.9	35.2	34.4	33.7	32.7	29.2	24.8	22.3
15°	40.6	39.1	37.9	36.7	35.4	34.4	33.2	32.4	28.2	23.5	21.3
17.5°	42.1	40.4	38.6	36.9	35.7	34.2	33.2	31.9	27.2	22.5	20.1
20°	43.8	41.4	39.6	37.6	35.9	34.2	32.7	31.5	26.3	21.3	18.8
22.5°	46.3	43.3	40.6	38.4	36.2	34.4	32.7	31.0	25.3	20.3	17.8
25°	49.5	45.8	42.6	39.9	37.2	34.9	32.9	31.2	24.5	19.6	16.6
27.5°	54.2	49.5	46.1	42.4	38.9	36.2	33.7	31.7	24.0	18.8	15.9
30°	59.9	55.2	49.8	45.3	41.6	37.9	35.2	32.2	23.5	18.1	14.9
32.5°	68.4	61.7	55.2	49.8	44.6	40.4	36.4	33.4	23.3	16.8	13.9
35°	80.5	71.3	63.7	56.5	49.3	44.1	39.4	35.4	23.0	15.9	12.9
37.5°	97.8	86.9	77.0	66.9	58.0	50.5	44.1	38.9	23.0	15.1	11.9
40°	116.4	102.3	89.7	77.0	65.6	56.2	47.6	41.1	22.5	14.1	10.9
42.5°	137.5	120.1	102.8	87.2	73.1	60.9	50.8	42.8	21.3	13.1	9.9
45°	165.7	142.9	122.1	102.0	83.7	67.9	55.0	44.8	20.1	12.4	8.9
47.5°	201.1	174.6	147.6	122.3	98.3	78.3	61.2	48.0	19.3	11.4	8.2
50°	253.9	216.2	180.6	148.4	117.9	91.6	70.3	52.8	18.6	10.6	7.4
52.5°	311.8	265.5	223.6	182.3	144.4	109.7	81.0	58.9	17.8	9.9	6.7
55°	382.4	325.4	274.4	220.7	172.1	130.8	94.1	65.9	16.8	9.2	6.2
57.5°	469.6	397.5	337.1	271.4	210.5	158.0	111.7	77.5	15.9	8.2	5.4
60°	566.9	485.4	409.4	332.4	258.6	194.2	137.7	94.1	14.9	7.2	4.7
62.5°	637.0	547.6	460.7	374.2	293.2	221.2	158.8	107.0	13.4	6.2	4.2
65°	636.3	545.6	458.2	373.0	294.2	222.2	159.5	109.5	11.9	5.4	3.7
67.5°	566.9	490.6	412.6	336.1	267.2	202.1	147.6	101.5	10.2	5.0	3.2
70°	466.4	405.7	344.0	283.3	228.1	173.1	127.6	88.4	8.7	4.5	2.7
72.5°	340.5	296.2	258.6	215.7	178.1	136.7	101.8	69.3	6.9	3.7	2.5
75°	169.2	151.3	129.8	116.4	99.3	81.2	63.2	40.4	5.7	3.0	2.2
77.5°	32.2	28.7	27.5	23.8	21.8	19.3	17.1	12.1	4.5	2.2	2.0
80°	14.9	13.6	12.4	11.1	9.9	8.4	7.4	6.4	3.5	1.7	2.2
82.5°	11.6	10.6	9.4	8.4	7.4	6.4	5.4	4.7	2.2	1.5	2.2
85°	7.7	6.7	5.9	5.2	4.5	4.0	3.5	3.0	1.5	1.5	1.5
87.5°	2.2	2.2	2.0	2.0	1.7	1.7	1.5	1.5	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°	33.7	33.7	33.7	33.7	33.7	33.7	33.7
2.5°	30.0	28.7	28.2	28.0	28.0	28.2	28.0
5°	26.5	25.3	24.8	24.3	24.3	24.3	24.5
7.5°	24.3	23.0	22.3	22.0	21.8	22.0	22.0
10°	22.3	21.3	20.3	19.8	19.8	19.8	19.8
12.5°	20.8	19.6	18.6	18.3	18.1	18.1	18.1
15°	19.6	18.1	17.3	16.8	16.6	16.6	16.8
17.5°	18.1	16.8	15.9	15.6	15.6	15.6	15.6
20°	17.1	15.6	14.9	14.4	14.4	14.4	14.4
22.5°	15.9	14.6	13.6	13.1	13.1	13.1	13.1
25°	14.9	13.6	12.6	12.1	12.1	12.1	12.1
27.5°	13.9	12.6	11.6	11.1	11.1	11.1	11.1
30°	12.9	11.6	10.6	10.2	10.2	10.2	10.2
32.5°	12.1	10.6	9.7	9.2	9.2	9.4	9.2
35°	10.9	9.7	8.7	8.2	8.2	8.2	8.2
37.5°	9.9	8.7	7.7	7.2	7.2	7.2	6.9
40°	9.2	7.7	6.7	6.2	5.9	5.9	5.9
42.5°	7.9	6.4	5.7	5.2	5.0	5.0	5.0
45°	7.2	5.7	4.7	4.2	4.2	4.2	4.2
47.5°	6.4	5.0	4.0	3.5	3.5	3.7	3.7
50°	5.7	4.2	3.2	3.2	3.2	3.5	3.5
52.5°	5.0	3.7	3.0	3.0	3.2	3.5	3.5
55°	4.5	3.2	2.7	3.0	3.2	3.5	3.5
57.5°	4.0	2.7	2.7	3.0	3.2	3.5	3.5
60°	3.5	2.5	2.5	2.7	3.2	3.5	3.5
62.5°	3.0	2.5	2.5	2.7	3.2	3.5	3.5
65°	2.7	2.5	2.5	2.7	3.2	3.5	3.5
67.5°	2.5	2.2	2.5	2.7	3.0	3.2	3.2
70°	2.2	2.2	2.5	2.7	3.0	3.2	3.2
72.5°	2.2	2.2	2.2	2.5	2.7	3.0	3.0
75°	2.2	2.2	2.2	2.5	2.7	3.0	3.0
77.5°	2.2	2.0	2.0	2.2	2.7	3.0	3.0
80°	2.2	2.0	2.0	2.2	2.5	3.0	3.0
82.5°	1.7	1.7	2.0	2.2	2.5	2.7	2.7
85°	1.5	1.7	1.7	2.0	2.2	2.7	2.7
87.5°	1.2	1.2	1.5	1.7	2.0	2.2	2.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)