

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: P181206

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181206
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: ICS-F01-LED-E1-T2-HSS-8030
Description: ICON SITE SMALL 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: 1004.1 lumens
Efficiency: N/A
Efficacy: 38.8 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 - G0

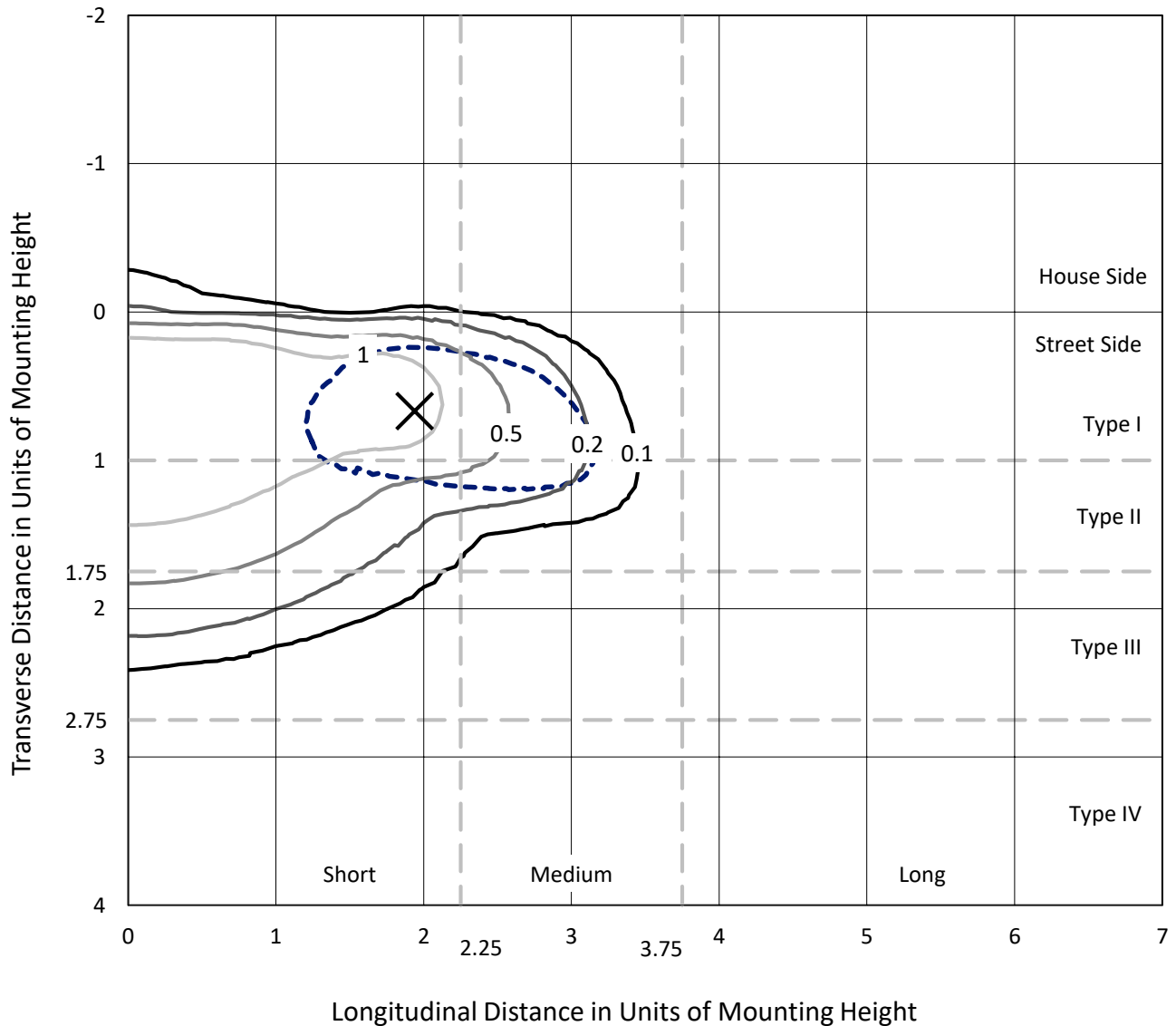
Input Watts (W): 25.9
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

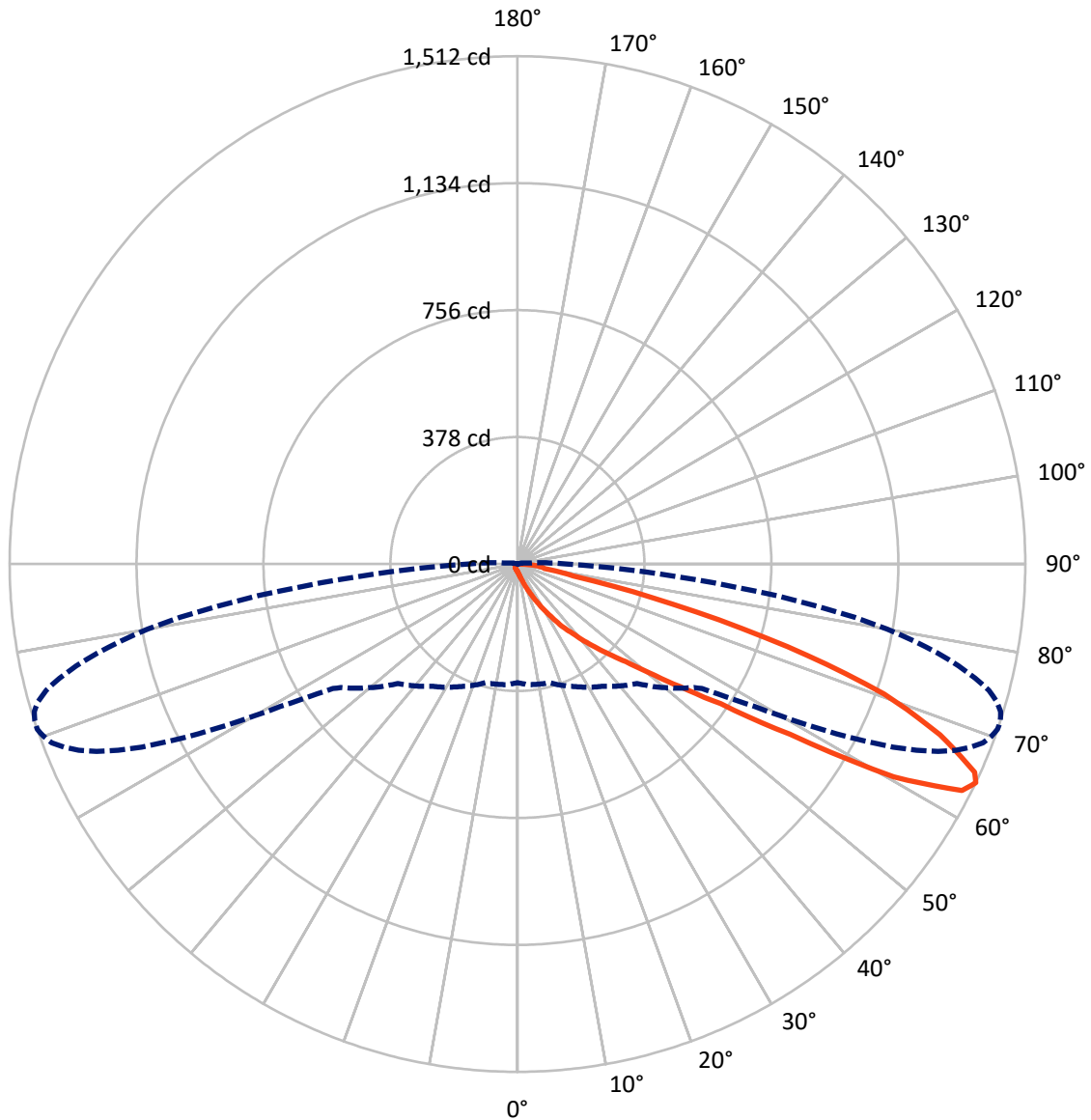
× Max cd
 - - - 1/2 Max cd



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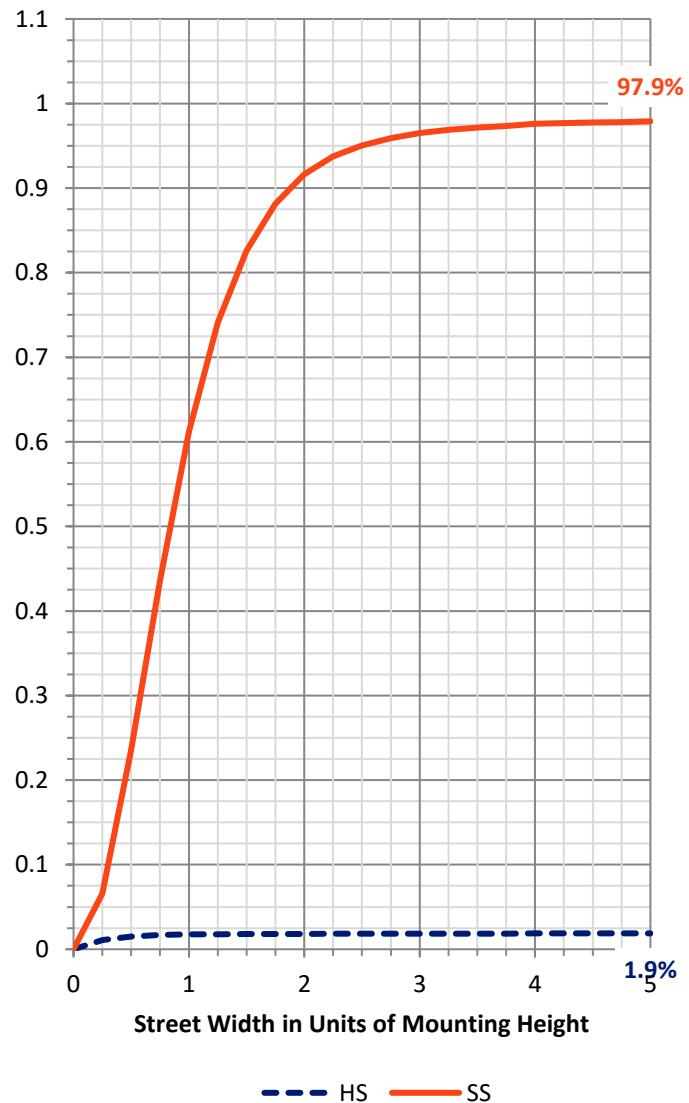
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	19.2	0.0	19.2
	% Fixture	1.9	0.0	1.9
Street Side	Lumens	984.9	0.0	984.9
	% Fixture	98.1	0.0	98.1
Total	Lumens	1004.1	0.0	1004.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.1	0.3
10°-20°	18.2	1.8
20°-30°	46.4	4.6
30°-40°	93.8	9.3
40°-50°	171.5	17.1
50°-60°	267.1	26.6
60°-70°	296.9	29.6
70°-80°	96.8	9.6
80°-90°	10.4	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°	1004.1	100.0
0°-180°	1004.1	100.0



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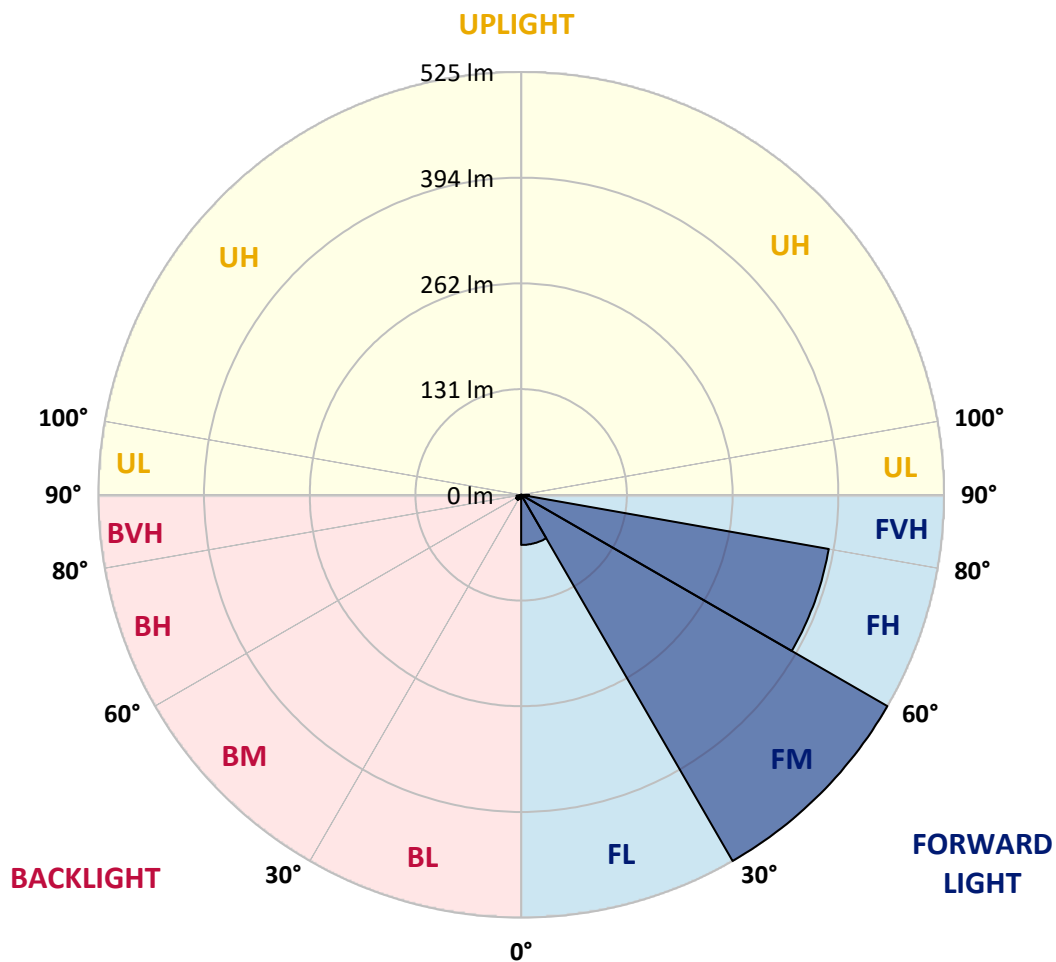
CATALOG NUMBER: ICS-F01-LED-E1-T2-HSS-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	62.3	6.2			
FM	(30°-60°)	525.0	52.3			
FH	(60°-80°)	387.8	38.6			G0/660
FVH	(80°-90°)	9.9	1.0			G0/10
BL	(0°-30°)	5.4	0.5	B0/110		
BM	(30°-60°)	7.4	0.7	B0/220		
BH	(60°-80°)	5.9	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-G0

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
2.5°	30.1	29.7	29.7	29.1	28.2	27.4	26.5	26.3	26.1	25.9	25.9
5°	47.2	45.6	44.9	42.6	39.7	36.2	33.0	32.2	32.2	31.6	31.1
7.5°	74.2	73.4	69.0	66.7	59.8	51.2	42.2	41.4	41.2	40.3	39.1
10°	108.7	107.0	103.9	97.2	84.7	69.8	57.1	55.0	53.5	51.8	50.2
12.5°	143.2	141.1	136.5	125.6	113.1	94.1	73.6	71.7	69.4	67.1	64.4
15°	177.7	176.2	169.1	158.2	141.9	119.1	93.2	89.9	88.0	83.4	81.3
17.5°	207.6	205.7	200.0	187.7	170.8	145.7	115.0	110.8	107.7	104.9	99.9
20°	233.5	231.6	226.2	215.9	196.9	172.2	138.4	136.3	130.6	126.5	123.5
22.5°	249.4	248.7	245.2	235.4	218.4	196.5	165.1	161.8	158.0	152.4	149.0
25°	259.2	258.6	256.5	249.6	238.1	222.0	194.6	190.4	187.1	182.1	177.9
27.5°	269.4	269.0	267.4	261.3	255.2	245.2	224.5	222.2	214.9	212.0	208.0
30°	286.4	284.5	286.0	283.0	275.3	269.0	254.6	251.3	248.1	243.1	239.6
32.5°	313.3	310.2	313.3	310.2	306.9	299.3	285.5	284.5	281.4	278.2	273.2
35°	346.4	345.1	347.6	350.3	347.6	337.6	320.9	317.7	316.5	311.5	309.6
37.5°	379.6	381.9	386.5	392.6	390.9	383.6	360.0	357.0	354.7	350.3	347.0
40°	415.3	415.6	425.4	434.2	438.5	434.2	403.0	400.7	397.6	391.3	390.5
42.5°	454.2	452.6	459.9	469.7	478.7	484.7	459.9	455.5	451.1	444.0	439.2
45°	488.7	488.7	494.6	503.8	517.6	532.8	519.9	515.3	511.1	505.2	499.8
47.5°	514.2	514.4	518.0	531.4	552.9	575.7	576.1	576.9	573.8	566.9	567.1
50°	532.2	529.9	534.7	547.7	572.5	608.3	634.0	635.5	638.0	632.3	634.0
52.5°	545.4	544.3	547.5	558.3	583.2	626.9	681.4	687.7	691.5	692.3	699.2
55°	538.5	539.1	546.6	562.3	589.1	639.2	721.8	732.0	740.8	748.3	756.9
57.5°	515.7	517.6	530.7	555.2	590.3	649.3	764.6	780.3	796.8	816.9	833.8
60°	479.3	483.7	501.5	535.7	578.2	636.1	777.4	801.4	826.7	857.2	891.3
62.5°	426.0	426.8	438.5	471.8	518.6	566.1	718.9	749.6	783.0	827.1	874.8
64°	353.1	360.6	366.0	402.6	444.4	503.6	641.5	662.8	709.5	763.6	823.6
65°	291.4	300.4	304.8	341.3	389.2	445.7	574.2	597.0	646.1	701.1	775.9
67.5°	171.8	165.8	178.5	200.0	240.2	307.1	387.3	404.7	441.3	506.7	566.5
70°	110.8	110.8	122.5	144.4	181.6	232.9	266.1	258.8	266.5	291.8	334.0
72.5°	71.1	74.8	81.9	100.5	135.0	195.2	272.0	237.5	219.5	211.1	210.7
75°	32.4	34.5	42.2	53.3	72.1	127.3	274.3	259.2	242.7	226.8	214.5
77.5°	6.9	7.9	13.4	27.6	35.1	58.7	194.6	217.2	235.2	240.4	240.4
80°	3.6	3.8	5.6	13.0	15.1	19.9	75.0	98.7	121.7	152.0	183.7
82.5°	1.5	1.7	3.3	5.9	6.3	6.1	19.9	25.1	34.5	50.2	74.8
85°	0.4	0.4	1.5	2.3	3.3	2.7	4.4	5.0	6.5	9.4	18.0
87.5°	0.0	0.0	0.2	0.4	0.6	1.0	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°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
2.5°	25.7	25.7	25.5	25.3	25.3	24.9	24.9	24.7	24.7	24.5	24.5
5°	30.9	30.5	30.1	29.5	29.3	28.8	28.4	28.0	27.6	27.4	27.0
7.5°	38.5	38.0	36.8	36.0	34.9	34.3	33.4	32.8	32.2	31.8	30.9
10°	48.5	47.0	46.4	43.5	42.9	41.4	40.1	39.3	37.6	36.6	35.5
12.5°	62.7	60.0	58.9	53.9	52.5	50.4	48.9	46.8	44.9	43.7	41.8
15°	78.8	76.7	72.7	67.7	65.0	62.7	59.2	57.5	55.0	52.3	49.5
17.5°	98.0	94.3	89.9	83.4	80.1	76.5	73.2	69.6	65.4	62.9	60.0
20°	120.4	116.4	111.0	102.8	98.9	95.3	89.5	87.0	81.9	76.9	73.2
22.5°	144.9	140.9	135.7	126.5	121.2	115.4	110.6	106.2	100.3	95.3	90.9
25°	172.5	167.9	163.9	153.2	146.7	140.7	135.5	127.7	122.7	116.8	110.8
27.5°	203.8	198.4	193.1	181.4	175.4	168.7	162.4	154.3	149.5	139.8	134.2
30°	236.0	229.3	223.9	212.0	206.5	199.6	191.1	183.7	175.6	169.1	159.9
32.5°	269.9	264.4	260.0	247.5	240.6	232.0	224.3	216.6	209.5	199.0	190.6
35°	306.0	301.2	296.4	285.5	279.5	273.0	264.2	254.8	245.0	234.1	226.6
37.5°	344.1	340.3	336.5	323.4	316.3	309.4	299.3	289.9	281.1	269.7	256.9
40°	384.0	380.4	374.4	363.5	356.0	349.7	340.5	331.7	319.8	307.1	295.8
42.5°	434.2	426.4	421.2	409.3	401.3	394.4	386.3	373.1	363.1	347.8	337.0
45°	492.9	485.6	477.0	464.9	455.1	443.8	432.3	423.3	410.7	397.0	382.9
47.5°	559.0	553.1	543.1	531.2	521.3	510.0	496.5	485.0	469.7	453.6	434.6
50°	631.7	625.6	618.9	605.6	595.7	585.1	574.4	560.8	547.0	527.8	508.2
52.5°	699.2	700.5	696.5	690.2	685.4	674.3	664.5	651.6	639.4	621.9	606.6
55°	765.9	776.8	780.9	787.0	789.1	780.1	779.9	760.9	753.6	743.3	734.5
57.5°	853.9	877.9	897.0	933.7	949.2	964.9	967.8	954.4	968.2	950.5	956.5
60°	928.7	972.8	1020.1	1115.2	1162.8	1198.8	1227.6	1249.0	1262.8	1286.2	1287.4
62.5°	935.4	1004.8	1076.7	1215.5	1280.7	1335.3	1387.3	1423.7	1452.6	1479.1	1485.6
64°	903.4	989.3	1076.7	1244.6	1311.3	1371.9	1419.3	1455.5	1485.0	1501.5	1512.3
65°	845.3	941.5	1042.0	1225.3	1294.1	1358.5	1403.9	1440.2	1468.0	1484.5	1495.8
67.5°	626.3	719.3	820.2	1033.7	1141.9	1200.9	1259.0	1310.0	1332.4	1353.3	1357.2
70°	381.7	449.2	518.8	716.8	817.3	923.3	988.7	1063.3	1115.6	1147.8	1158.5
72.5°	230.4	253.8	295.4	401.8	498.1	572.5	663.0	734.3	792.9	825.3	841.6
75°	205.1	202.1	207.6	251.9	286.2	330.9	363.7	408.4	444.6	455.9	477.0
77.5°	237.0	228.7	220.1	211.7	210.1	205.9	199.2	200.9	185.0	169.7	170.2
80°	211.1	231.2	243.1	234.3	214.5	194.4	169.7	139.0	108.7	89.9	81.9
82.5°	106.0	150.7	193.8	236.4	233.5	215.7	188.5	154.9	120.0	92.2	73.6
85°	32.6	57.9	81.5	113.3	131.5	129.0	113.3	110.2	78.6	61.2	47.2
87.5°	1.5	1.5	1.5	1.3	1.5	1.5	1.5	1.7	1.7	1.9	1.9
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°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
2.5°	24.5	24.2	24.0	23.8	23.8	23.8	23.6	23.6	23.4	23.4	23.2
5°	27.0	26.5	26.3	25.9	25.9	25.5	25.3	25.1	24.7	24.5	24.2
7.5°	30.3	29.9	29.3	28.6	28.4	27.8	27.2	26.8	26.3	25.9	25.5
10°	34.7	33.9	32.6	31.8	31.1	30.3	29.5	28.8	28.0	27.2	26.8
12.5°	40.3	38.7	37.4	36.0	34.7	33.4	32.0	31.1	30.3	29.1	28.2
15°	46.8	45.2	43.7	41.2	39.1	37.4	36.2	34.3	32.8	31.1	29.9
17.5°	57.9	53.5	50.6	48.1	46.0	42.9	40.3	38.3	36.4	34.3	32.8
20°	68.8	65.0	61.0	58.1	53.5	50.8	47.5	44.5	41.2	38.7	36.2
22.5°	84.7	79.9	74.8	70.4	64.2	60.4	56.0	52.3	48.1	43.9	41.2
25°	104.7	97.6	90.9	84.7	78.8	73.2	67.5	61.5	57.1	52.0	47.5
27.5°	125.8	117.9	111.4	103.3	95.7	88.8	81.7	75.3	67.7	61.2	55.8
30°	152.4	141.5	134.0	124.2	116.6	107.0	98.2	89.7	80.5	73.0	65.2
32.5°	179.3	172.0	159.3	150.9	139.6	128.1	118.9	109.1	97.8	88.0	78.6
35°	214.9	202.3	191.7	180.0	167.6	155.7	143.8	129.8	118.3	106.2	94.7
37.5°	246.2	233.5	221.2	205.9	191.9	179.3	164.9	150.3	136.7	122.3	108.5
40°	282.6	266.7	252.1	237.9	220.5	205.7	190.6	172.5	156.8	140.9	124.6
42.5°	322.3	306.2	288.9	272.6	253.6	235.4	216.8	198.6	181.0	161.8	142.8
45°	365.8	348.9	329.4	310.8	290.1	270.1	247.9	227.0	206.3	184.8	162.8
47.5°	419.7	398.0	380.0	356.8	331.1	310.0	282.8	259.0	235.4	210.3	185.6
50°	489.6	464.9	439.0	413.3	384.8	358.1	328.0	299.8	268.2	240.2	212.0
52.5°	582.2	563.8	533.7	504.2	469.5	435.4	394.0	357.4	316.9	281.1	246.7
55°	713.6	701.5	675.4	643.2	612.9	563.1	515.5	458.6	405.9	354.5	306.0
57.5°	951.7	938.6	909.5	901.8	855.2	818.6	762.8	689.2	599.9	521.3	442.9
60°	1294.5	1268.8	1240.4	1235.2	1180.4	1141.9	1086.5	1008.2	924.1	798.7	691.9
62.5°	1486.0	1478.3	1455.3	1427.1	1379.6	1322.5	1260.3	1184.4	1099.1	989.1	862.0
64°	1511.7	1504.6	1484.8	1453.0	1405.3	1348.7	1279.7	1204.0	1118.5	1018.2	902.2
65°	1495.6	1485.6	1468.7	1439.4	1395.1	1340.7	1271.3	1194.6	1107.9	1011.3	903.4
67.5°	1365.8	1361.2	1345.7	1318.6	1290.8	1241.9	1180.8	1112.3	1041.4	945.7	857.2
70°	1159.7	1156.4	1136.7	1125.8	1079.9	1048.9	999.6	945.7	883.0	816.3	741.0
72.5°	859.7	848.5	832.6	816.1	784.9	742.5	704.0	646.5	614.1	557.9	515.5
75°	455.9	448.8	424.1	389.6	351.2	331.3	291.4	255.6	227.2	214.5	183.7
77.5°	157.6	143.6	129.8	114.3	90.7	71.5	57.1	45.6	36.0	31.8	26.5
80°	78.6	74.6	70.2	61.5	51.6	41.6	32.6	25.7	21.1	18.0	16.1
82.5°	63.8	56.4	50.4	44.1	35.3	29.1	23.0	18.8	15.5	13.6	11.9
85°	37.6	28.8	21.9	19.9	15.5	13.4	11.5	9.8	8.4	7.9	7.3
87.5°	1.5	1.9	1.9	1.5	1.9	1.7	1.7	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°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
2.5°	23.2	23.0	23.0	22.8	22.6	22.6	22.6	22.4	21.9	21.1	20.5
5°	24.0	23.8	23.6	23.2	23.0	22.8	22.6	22.6	21.5	20.1	19.0
7.5°	25.1	24.7	24.2	23.8	23.6	23.2	22.8	22.6	21.1	19.2	18.2
10°	26.1	25.5	24.9	24.7	24.0	23.6	23.0	22.6	20.9	18.6	17.1
12.5°	27.4	26.5	25.7	25.1	24.2	23.8	23.2	22.6	20.5	18.0	16.3
15°	28.8	27.6	26.5	25.9	25.1	24.0	23.2	22.6	20.1	17.3	15.5
17.5°	30.7	29.3	28.0	26.8	25.5	24.5	23.6	22.8	19.4	16.5	14.4
20°	33.7	31.8	29.7	28.2	26.5	25.3	23.8	22.8	19.0	15.7	13.6
22.5°	37.6	34.7	32.4	29.9	27.8	26.1	24.5	23.2	18.4	14.8	12.5
25°	43.3	39.5	35.7	32.6	29.9	27.6	25.5	23.8	18.0	14.2	11.9
27.5°	49.5	45.2	40.1	36.4	32.6	29.3	27.0	24.9	18.0	13.8	11.3
30°	58.3	52.0	46.0	41.2	36.2	32.4	29.1	26.3	18.0	13.6	10.7
32.5°	69.0	61.9	54.1	47.2	41.4	36.0	31.8	28.2	18.4	13.2	10.2
35°	83.8	73.4	64.2	55.6	47.9	41.6	36.2	31.4	19.0	13.0	9.6
37.5°	95.5	83.0	71.3	61.5	52.5	44.7	37.8	32.6	18.4	12.1	9.0
40°	109.5	95.3	81.1	68.8	58.5	48.5	40.6	34.3	18.0	11.1	8.2
42.5°	126.5	108.7	92.2	78.2	65.4	53.5	44.1	36.4	18.0	10.5	7.5
45°	142.4	122.9	104.5	87.0	72.1	58.9	47.5	38.7	17.8	9.8	6.7
47.5°	162.0	139.0	117.5	97.2	80.1	64.0	51.0	40.8	17.6	9.2	6.1
50°	185.2	157.2	132.9	108.7	87.8	70.0	55.2	43.1	17.1	8.6	5.4
52.5°	210.9	180.8	149.9	121.9	97.4	76.5	59.2	45.2	16.5	7.9	4.8
55°	256.5	215.1	178.5	143.8	112.0	86.1	65.0	48.3	15.9	7.3	4.2
57.5°	365.8	297.2	245.4	193.1	147.6	110.6	80.9	57.3	15.1	6.5	3.3
60°	574.4	461.3	373.3	292.9	223.2	169.7	119.1	84.7	16.1	5.4	2.9
62.5°	736.8	606.8	494.8	393.8	305.8	232.4	173.5	126.5	23.2	4.8	2.3
64°	779.3	647.6	528.0	422.2	330.7	255.0	193.6	143.0	29.9	4.8	2.1
65°	785.5	660.1	539.9	432.7	339.3	261.1	199.4	148.4	32.6	5.0	1.9
67.5°	759.6	652.8	543.5	437.1	345.7	269.4	207.4	157.0	36.8	4.8	1.5
70°	663.5	584.9	495.0	408.9	326.1	256.1	199.4	152.2	38.5	4.6	1.3
72.5°	451.5	397.4	344.3	283.2	227.0	187.1	145.5	107.2	27.0	3.8	1.0
75°	150.5	146.7	131.3	99.5	83.6	67.9	54.3	41.8	10.2	2.3	1.0
77.5°	25.1	21.5	18.8	18.0	15.1	14.6	12.8	10.2	4.4	1.5	1.0
80°	14.6	13.4	11.7	10.5	9.2	8.2	6.9	5.9	2.7	1.0	1.3
82.5°	10.9	9.6	8.6	7.5	6.5	5.6	4.8	4.0	1.5	1.0	1.3
85°	6.3	5.4	4.8	4.2	3.3	2.9	2.5	2.1	1.0	1.0	1.0
87.5°	1.3	1.3	1.0	1.0	1.0	1.0	1.0	0.8	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):

	125°	135°	145°	155°	165°	175°	180°
0°	22.4	22.4	22.4	22.4	22.4	22.4	22.4
2.5°	20.1	19.4	19.2	19.2	19.2	19.2	19.2
5°	18.4	17.8	17.3	17.1	17.1	17.1	17.1
7.5°	17.1	16.3	15.9	15.5	15.5	15.3	15.3
10°	15.9	15.1	14.4	14.0	13.8	13.8	13.8
12.5°	14.8	14.0	13.2	12.8	12.8	12.5	12.5
15°	14.0	12.8	12.1	11.7	11.7	11.5	11.5
17.5°	13.0	11.9	11.3	10.9	10.7	10.7	10.7
20°	11.9	10.9	10.2	10.0	9.8	9.8	9.6
22.5°	11.1	10.0	9.4	9.2	9.0	9.0	8.8
25°	10.2	9.2	8.6	8.4	8.2	7.9	7.9
27.5°	9.6	8.6	7.9	7.5	7.3	7.1	7.1
30°	9.0	7.7	7.1	6.7	6.5	6.3	6.3
32.5°	8.4	7.1	6.3	5.9	5.6	5.4	5.4
35°	7.5	6.3	5.4	5.2	5.0	4.8	4.6
37.5°	6.9	5.4	4.8	4.4	4.2	4.0	4.0
40°	6.1	4.8	4.2	3.8	3.3	3.1	3.1
42.5°	5.4	4.2	3.6	2.9	2.7	2.5	2.5
45°	4.8	3.8	2.9	2.3	2.1	1.9	1.9
47.5°	4.2	3.1	2.3	1.9	1.7	1.5	1.5
50°	3.6	2.5	1.7	1.3	1.5	1.3	1.3
52.5°	3.1	1.9	1.3	1.3	1.3	1.3	1.3
55°	2.5	1.5	1.0	1.0	1.3	1.3	1.3
57.5°	2.1	1.0	0.8	1.0	1.0	1.0	1.0
60°	1.5	0.8	0.8	1.0	1.0	1.0	1.0
62.5°	1.3	0.8	0.8	0.8	1.0	1.0	1.0
64°	1.0	0.8	0.8	0.8	1.0	1.0	1.0
65°	1.0	0.8	0.8	0.8	1.0	1.0	1.0
67.5°	1.0	0.8	0.8	0.8	1.0	1.0	1.0
70°	0.8	0.8	0.8	0.8	1.0	1.0	1.0
72.5°	0.8	0.8	0.8	0.8	1.0	1.0	1.0
75°	0.8	0.8	0.8	0.8	1.0	1.0	1.0
77.5°	0.8	0.8	0.8	1.0	1.0	1.0	1.0
80°	0.8	0.8	0.8	1.0	1.0	1.0	1.0
82.5°	0.8	0.8	0.8	1.0	1.0	1.0	1.0
85°	0.8	0.8	0.8	1.0	1.0	1.0	1.0
87.5°	0.8	0.8	0.8	1.0	1.0	1.0	1.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)